

B06

BEBasor

CABLE TRAY SPECIALIST



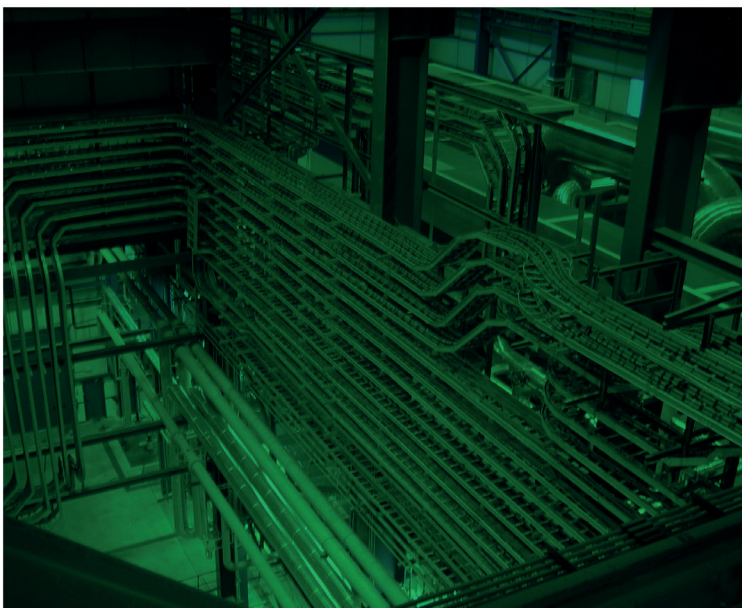
BEBasor

CABLE TRAY SPECIALIST









CE

LLOYD'S REGISTER · LRQA

ISO 9001 · ISO 14001

UKAS MANAGEMENT SYSTEMS

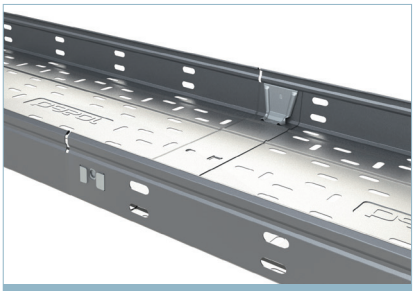
001

BASORTRAY



ERE 50X50

	50 mm		50 mm
	3 m		Low duty
	GS, GC		



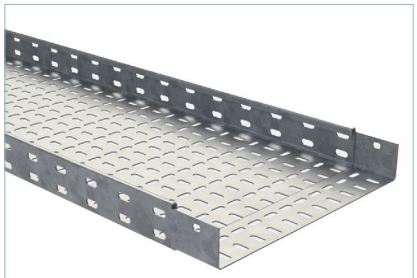
ER2E

	100-600 mm		60 mm
	3 m		Low - Medium duty
	GS		



ERE / MRE / FRE

	100-600 mm		35-100 mm
	3 m		Low - Heavy duty
	GS, GC, i304, i316		



BS

	50-900 mm		12-100 mm
	2-3 m		Low - Heavy duty
	GS, GC, i316		



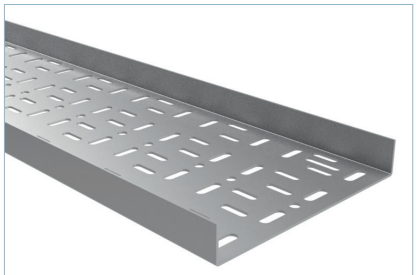
U

	50-600 mm		15-60 mm
	2-3 m		Extra Heavy duty
	GC		



OME

	50-600 mm		20-50 mm
	2-3 m		Extra Heavy duty
	GC		



U AL

	50-600 mm		15-60 mm
	3 m		Medium duty
	AL		



EB

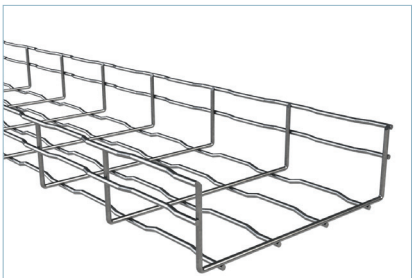
	50-600 mm		10-30 mm
	2 m		Low duty
	GS, i304		

BASORFIL



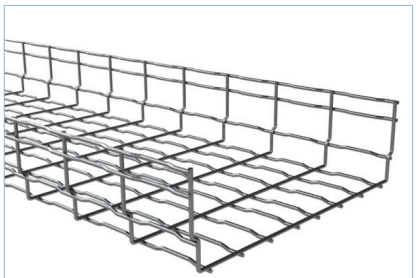
BF2R

	60-600 mm		65-105 mm
	3 m		Low - Medium duty
	EZ, EZ1000, i304, i316		



BFR

	30-600 mm		35-150 mm
	3 m		Low - Medium duty
	EZ, GC, i304, i316		



EBFR

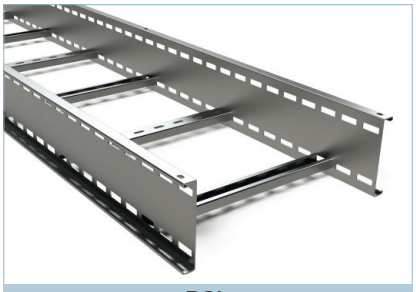
	100-600 mm		105 mm
	3 m		Low - Medium duty
	EZ, GC		

BASORTRAV



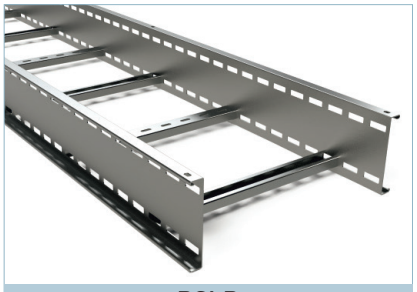
FE / FE2

100-600 mm		60-150 mm	
3-6 m		Heavy duty	
GC			



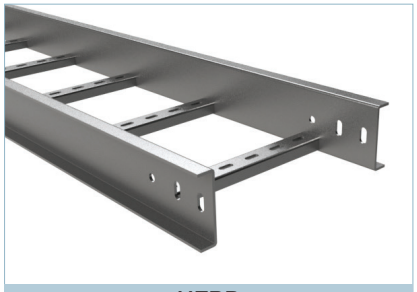
BSL

100-900 mm		75-150 mm	
3 m		Medium - Heavy duty	
GC, i304, i316			



BSLR

100-900 mm		125-150 mm	
6 m		Extra Heavy duty	
GC			



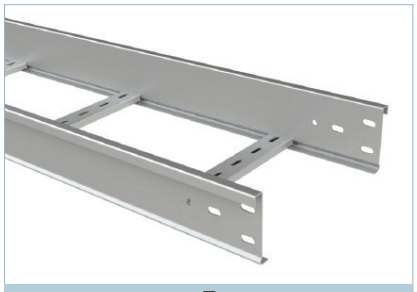
UERP

100-600 mm		70-120 mm	
3 m		Extra Heavy duty	
GC85			



EML / EMS

100-600 mm		40-50 mm	
2 m		Low - Medium duty	
GC			



F

100-600 mm		100 mm	
3 m		Medium duty	
AL			



UEC

100-600 mm		100 mm	
6 m		Extra Heavy duty	
AL			



I

6”-36”		4”-6”	
3 m		Heavy - Extra Heavy duty	
AL			

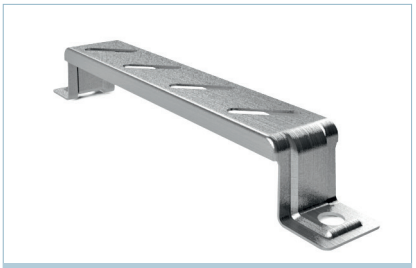
BASORSUPPORT



⟷	50-750 mm		Low-Medium Duty
	GS, GC, i304, i316		



⟷	400-1500 mm		Low - Extra Heavy duty
	GS, GC, i304		

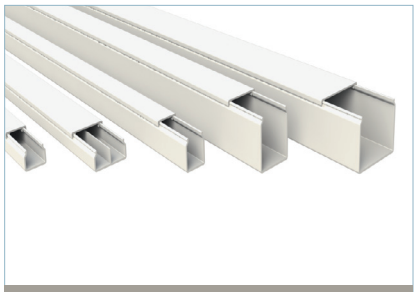


⟷	100-600 mm		Low - Heavy duty
	GS, GC, i304		



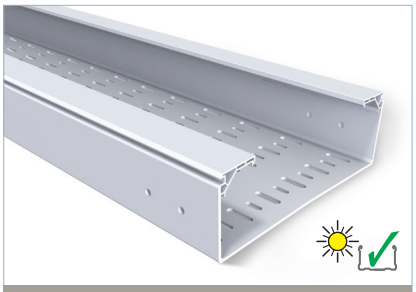
⟷	3 m		Low - Heavy duty
	GS, GC, i316		

BASORPLAST



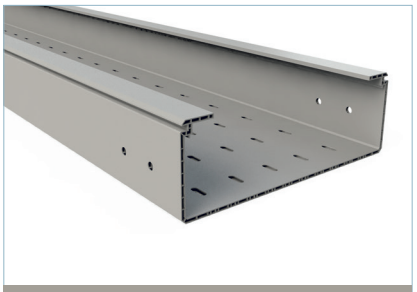
MCB

22-60 mm		10-60 mm	
2 m		Low duty	
PVCM1			



BPE

100-600 mm		60-100 mm	
3 m		Medium duty	
UVM1			

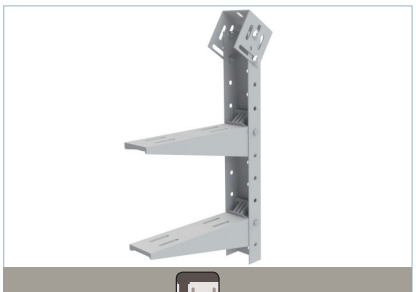


BPI

100-600 mm		60-100 mm	
3 m		Medium duty	
PVCM1			



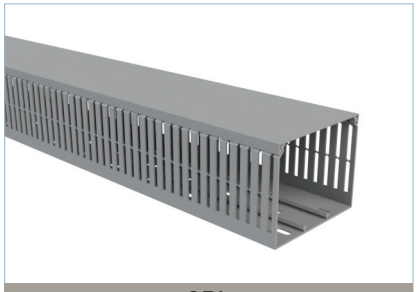
100-600 mm		Medium duty	
UVM1, PVCM1			



2 m		Medium duty	
GSP			



100-600 mm		Medium duty	
UVM1, PVCM1			



QRL

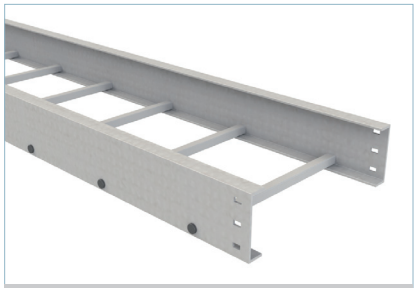
25-120 mm		25-80 mm	
2 m		Low duty	
PVCM1, LH			



QCL

25-60 mm		25-60 mm	
2 m		Low duty	
PVCM1			

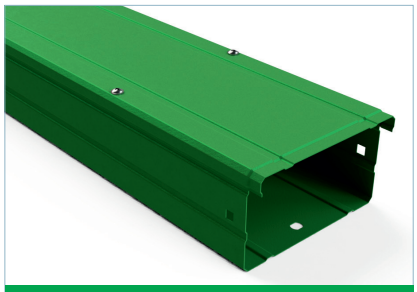
FIBERTRAV



EFV

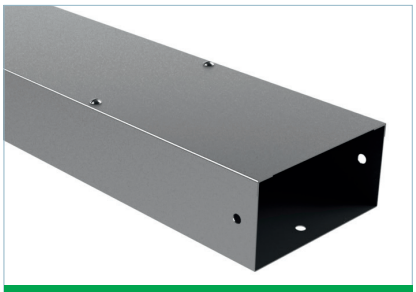
6”-36”		3”-8”	
6 m		Heavy - Extra Heavy duty	
PRFV			

BASORCANAL



CT GSP

↔	80-600 mm	↕	40-100 mm
═	3 m		Medium duty
	GSP		



CTi

↔	80-140 mm	↕	40-80 mm
═	3 m		Medium duty
	i304		



WT

↔	100-600 mm	↕	100 mm
═	2 m		Extra Heavy duty
	GS, AL		

BASORTUB



SSM/SSS

ø	1/2"-4"		
↔	6 m		Heavy duty
	GC		



RE1250 / R1250

ø	16-63 mm		
↔	3 m		Medium duty
	RLH, CLH, PVC		



COFLEX

ø	16-50 mm		
═	25-100 m		Low duty
	LH		

BASORFLEX



FLEXL

ø	07/10 - 48/54 mm		
═	50 m		Low duty
	PA6 7031, PA6 9011		

TRUNKING



TRUNKING

I	20-25 A		/
═	3-5 m		Low duty
	GS		

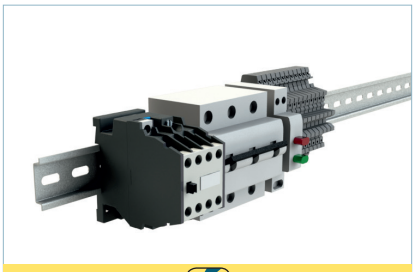
BASORFIX



41 mm		21-82 mm	
3 m		Medium - Heavy duty	
GS, GC			



20-50 mm		10-20 mm	
2-3 m		Low - Medium duty	
GS, GC			



35 mm		7-15 mm	
2 m		Low duty	
GS, AL			



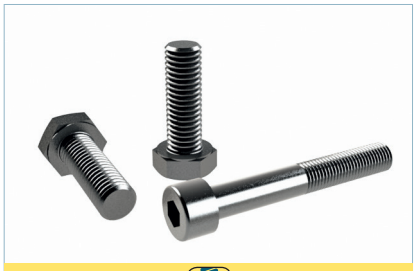
ø	12-170 mm		1,3,4
Extra Heavy duty			
PAFV			



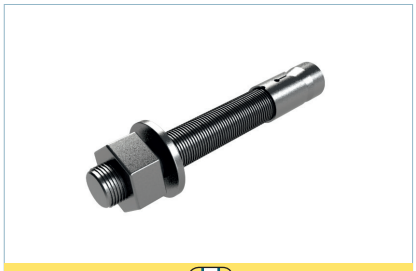
ø	6-100 mm		1
Medium duty			
GC			



Medium - Heavy duty	
GS, GC	



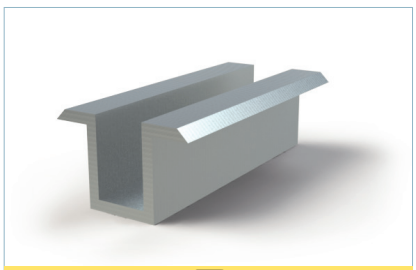
ø	M6 - M12		20-70 mm
EZ, i304			



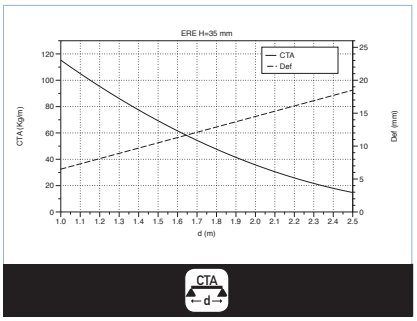
ø	M6 - M12		30-80 mm
Medium - Heavy duty			
EZ			

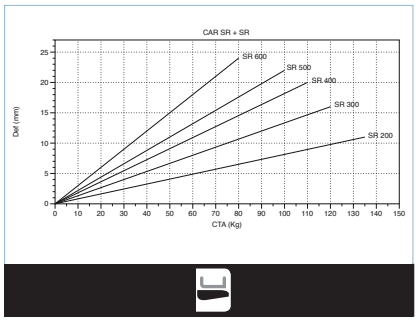


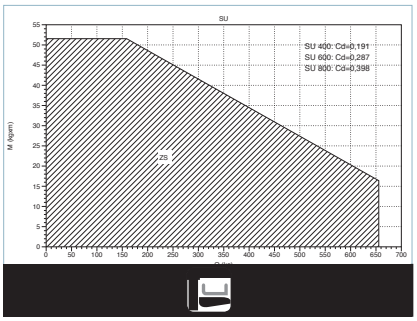
10-35, 35-95 m^2	
Low duty	
LTN	



AL


ERE H=35 mm
CTA
Def
CTA (Kgm)
Def (mm)
d (m)


CAR SR + SR
SR 600
SR 500
SR 400
SR 300
SR 200
Def (mm)
CTA (Kg)


SU
SU 400: Cd=0,191
SU 600: Cd=0,287
SU 800: Cd=0,398
75°
M (kgm)



B06

ÁREA ÚTIL / FILL AREA / SURFACE UTILE / AREA DI RIEMPIMENTO / ÁREA ÚTIL / FELHSZNÁLÁSI TERÜLET / NUTFLÄCHE / РАБОЧАЯ ОБЛАСТЬ / ÚLOŽNÁ PLOCHA

INFORMACIÓN ADICIONAL EN FICHAS TÉCNICAS / FOR ADDITIONAL INFORMATION SEE THE TECHNICAL CATALOGUE / INFORMATION SUPPLÉMENTAIRE SUR LES FICHES TECHNIQUES / PER MAGGIORI INFORMAZIONI CONSULTARE IL CATALOGO TECNICO / INFORMAÇÃO ADICIONAL NAS FICHAS TÉCNICAS / KIEGÉSZÍTŐ MŰSZAKI INFORMÁCIÓK / ZUSÄTLICHE INFORMATION IN DEN TECHNISCHEN DATENBLÄTTER / ДОПОЛНИТЕЛЬНУЮ ИНФОРМАЦИЮ СМОТРИТЕ В ТЕХНИЧЕСКОМ КАТАЛОГЕ / DALŠÍ INFORMACE NALEZNETE V TECHNICKÉM KATALOGU

LONGITUD TRAMO / LENGTH / LONGUEUR SECTION / LUNGHEZZA / COMPRIMENTO DO TROÇO / HOSSZANTI SZAKASZ / LÄNGE SEGMENT / ДЛИНА / DÉLKA

MONTAJE / MOUNTING / MONTAGE / MONTAGGIO / MONTAGEM / SZERELÉS / MONTAGE / МОНТАЖ / MONTÁŽ

CTA
d
CARGA DE TRABAJO ADMISIBLE / SAFE WORKING LOAD / CHARGE ADMISSIBLE DE SÉCURITÉ / CARICO DI LAVORO AMMISSIBILE / CARGA DE TRABALHO ADMISSIVEL / TERHELHETŐSÉG / ZULÄSSIGE TRAGFÄHIGKEIT / БЕЗОПАСНАЯ РАБОЧАЯ НАГРУЗКА / BEZPEČNÉ PRACOVNÍ ZATÍŽENÍ

BANDEJA DE CHAPA / METAL TRAYS / CHEMIN DE CÂBLE TÔLE / CANALIZZAZIONI METALLICHE / CALHA DE CHAPA / FÉM KÁBELTÁLCA / KABELRINNE / МЕТАЛЛИЧЕСКИЕ ЛОТКИ / KABELOVÝ ŽLAB

BANDEJA DE CHAPA PERFORADA / PERFORATED TRAYS / CHEMIN DE CÂBLE TÔLE PERFORÉE / CANALIZZAZIONI PERFORATE / ASOLATE / CALHA DE CHAPA PERFURADA / PERFORÁLT KÁBELTÁLCA / GELOCHTE KABELRINNE / ПЕРФОРИРОВАННЫЙ ЛОТОК / PERFOROVANÝ ŽLAB

BANDEJA DE CHAPA CIEGA / NON PERFORATED TRAY / GOULOTTE NON PERFORÉE / CANALIZZAZIONI CHIUSE / NON PERFORATE / CALHA DE CHAPA CEGA / NÃO PERFURADA / ZÁRT KÁBELTÁLCA / KABELRINNE / НЕПЕРФОРИРОВАННЫЙ ЛОТОК / NEPERFOROVANÝ ŽLAB

TAPA / COVER / COUVERCLE / COPERCHI / TAMPA / KÁBELTÁLCA FEDŐ / DECKEL / КРЫШКА / VÍKO

FIJACIÓN DE TAPA POR PRESIÓN (SIN ACCESORIOS) / SNAP IN COVER (NO ACCESSORIES) / FIXATION COUVERCLE À PRESSION / CHIUSURA A PRESSIONE SENZA ACCESSORI / FIXAÇÃO DA TAMPA POR PRESSÃO (SEM ACESSÓRIOS) / FELPATTÍNTHATÓ FEDŐ / DECKELBEFESTIGUNG AUF DRUCK / OHNE VERBINDUNGSSTÜCKE / ЗАЩЕЛКИВАЮЩАЯСЯ КРЫШКА (АКСЕССУАРОВ НЕ ТРЕБУЕТСЯ) / ZACVAKÁVACÍ VÍKO (BEZ PŘÍSLUŠENSTVÍ)

ACCESORIOS / ACCESSORIES / ACCESSOIRES / ACCESSORI / ACESSÓRIOS / SZERELVÉNYEK / ZUBEHÖR / АКСЕССУАРЫ / PŘÍSLUŠENSTVÍ

CURVA PLANA / FLAT BEND / COUDE HORIZONTAL / CURVA PIANA / CURVA PLANA / SÍKBELI KANYAR IDOM / KURVE FLACH / ПЛОСКИЙ УГОЛ / OBLOUK 90°

CURVA CÓNCAVA / INSIDE RISER / COUDE VERTICAL INTÉRIEUR / CURVA CONCAVA / CURVA CONCAVA / EMELKEDŐ IDOM / KURVE HOHL / ВНУТРЕННИЙ УГОЛ / OBLOUK SVISLÝ VNITŘNÍ

CURVA CONVEXA / OUTSIDE RISER / COUDE VERTICAL EXTÉRIEUR / CURVA CONVESSA / CURVA CONVEXA / BUKÓ IDOM / KURVE KONVEX / ВНЕШНИЙ УГОЛ / OBLOUK SVISLÝ VNĚJŠÍ

TORNILLERIA / BOLTS / BOULONNERIE / BULLONERIA / PARAFUSOS / CSAVAROK / SCHRAUBENARTIKEL / БОЛТЫ / ŠROUB VRATOVÝ M6X14 S MATICÍ LÍMCOVOU

NO SE NECESITA TORNILLERIA / NO BOLTS REQUIRED / MONTAGE SANS BOULONNERIE / NON SI NECESSITA NESSUN BULLONERIA / NÃO NECESSITA DE PARAFUSOS / CSAVAROK NEM SZÜKSÉGES / BENÖTIGT KEIN SCHRAUBENARTIKEL / БОЛТЫ НЕ ТРЕБУЮТСЯ / NEVYŽADUJE ŠROUBY

JUNTA DE UNIÓN / COUPLER / ECLISSE / GIUNTO DI UNIONE / JUNTA DE UNIÃO / TOLDÓ IDOM ER / VERBINDUNG / СОЕДИНИТЕЛЬ / SPOJKA

NO SE NECESITA JUNTA DE UNIÓN / NO COUPLERS REQUIRED / MONTAGE SANS ECLISSES / NON SI NECESSITA NESSUN GIUNTO DI UNIONE / NÃO NECESSITA DE JUNTA DE UNIÃO / TOLDÓ IDOM NEM SZÜKSÉGES / BENÖTIGT KEIN VERBINDUNGSSTÜCK / СОЕДИНИТЕЛИ НЕ ТРЕБУЮТСЯ / NEVYŽADUJE SPOJKY

NO SE NECESITAN ACCESORIOS PARA SU MONTAJE / NO ADDITIONAL ACCESORIES REQUIRED FOR ASSEMBLY / MONTAGE SANS ACCESSOIRES / NESSUN ACCESSORIO AGGIUNTIVO NECESSARIO PER IL MONTAGGIO / NÃO SÃO NECESSÁRIOS ACESSÓRIOS PARA A MONTAGEM / SZERELVÉNY NÉLKÜLI ÖSSZERAKÁS / BENÖTIGT KEIN ZUBEHÖR FÜR DIE MONTAGE / ДЛЯ СБОРКИ ДОПОЛНИТЕЛЬНЫЕ АКСЕССУАРЫ НЕ ТРЕБУЮТСЯ / NEVYŽADUJE ŽÁDNÉ DALŠÍ PŘÍSLUŠENSTVÍ PRO MONTÁŽ

TAPA ENCAJABLE / FIT IN COVER / COUVERCLE ENCLIQUETABLE / COPERCHIO INSERIBILE / TAMPA DE ENCAIXE / EGYMÁSBA ILLESZTETT FEDŐ / EINSTECKBARER DECKEL / ПОДГОНЯЕМАЯ ПО МЕСТУ КРЫШКА / NÁSUVNÉ VÍKO

PINZA TAPA / COVER RETAINER / CLIP POUR COUVERCLE / CLIP COPERCHIO / GRAMPO PARA TAMPA / FEDŐ RÖGZÍTŐ / KLEMMBEFESTIGUNG DECKEL / ФИКСАТОР ДЛЯ КРЫШКИ / DRŽÁK VÍKA

CRUZ / CROSS BRANCH / DÉRIVATION CROIX / CROCE / CRUZETA / KERESZT IDOM / KREUZ / РАЗВЕТВИТЕЛЬ / KŘÍŽ

DERIVACIÓN / DERIVATION / DÉRIVATION / DERIVAZIONE / DERIVAÇÃO / KIÁLLÁS / ABZWEIGUNG / ОТВОД / ODBOČNÝ DÍL

REDUCCIÓN / REDUCER / RÉDUCTION / RIDUZIONE / REDUÇÃO / SZŰKÍTŐ / REDUKTION / ПЕРЕХОД НА БОЛЬШЕЕ/МЕНЬШЕЕ СЕЧЕНИЕ / REDUKCE

REDUCCIÓN Y TAPA FINAL / REDUCER + END CAP / RÉDUCTION ET EMBOUT FIN DE SECTION / RIDUZIONE + TAPPO DI CHIUSURA / REDUÇÃO E TOPO / TAMPA FINAL / SZŰKÍTŐ ÉS VÉGZÁRÓ / REDUKTION UND ENDDECKEL / ПЕРЕХОД С ЗАГЛУШКОЙ / REDUKCE + KONCOVKA

JUNTA DE UNIÓN ARTICULADA / HINGED COUPLER / ECLISSE ARTICULÉE / GIUNZIONE SNODATA / CHARNIÈRE / JUNTA DE UNIÃO ARTICULADA / CSUKLÓS ÖSSZEKÖTŐ / VERBINDUNGSSTÜCK GELENKIG / СОЕДИНИТЕЛЬ С ШАРНИРОМ / KLOUBOVÁ SPOJKA

SISTEMA ENCHUFABLE / SELF COUPLING SYSTEM / SYSTÈME EMBOITABLE / INNESTO ERE / SISTEMA DE ENCAIXE / PLUG-IN / ÖSSZETOLHATÓ KIVITEL / EINSTECKBARES SYSTEM / БЕЗВИНТОВОЕ СОЕДИНЕНИЕ / ZÁSUVNÝ SYSTÉM

T / T BRANCH / TE / T / DERIVAÇÃO EM T / T IDOM / T / T-ОБРАЗНЫЙ ОТВОД / T ODBOČKA

JUNTA DE UNIÓN BISAGRA / COUPLER / ECLISSE / GIUNTO DI UNIONE / JUNTA DE UNIÃO / TOLDÓ ELEM / VERBINDUNG / СОЕДИНИТЕЛЬ / SPOJKA ÚHLOVÁ

BANDEJA DE CHAPA REFORZADA / HEAVY DUTY METAL TRAY / CDC EN TÔLE RENFORCÉE / CANALE RINFORZATO / CALHA DE CHAPA REFORÇADA / ERŐSÍTETT FÉM KÁBELTÁLCA / KABELRINNE VERSTÄRKT / МЕТАЛЛИЧЕСКИЙ ЛОТОК ДЛЯ БОЛЬШИХ НАГРУЗОК / ZESÍLENÝ KABELOVÝ ŽLAB



ESPESOR / THICKNESS / ÉPAISSEUR / SPESSORE / ESPESSURA / ANYAGVASTAGSÁG / DICKE / ТОЛЩИНА / TLOUŠŤKA


UNIÓN EXTERIOR / EXTERNAL COUPLER / ECLISSE EXTÉRIEURE / UNIONE INTERNA / UNIÃO EXTERIOR / KÜLSŐ CSATLAKOZÓ / AUSSENVERBINDUNG / ВНЕШНИЙ СОЕДИНИТЕЛЬ / VNĚJŠÍ SPOJKA


UNIÓN INTERIOR / INTERNAL COUPLER / ECLISSE INTÉRIEURE / UNIONE ESTERNA / UNIÃO INTERIOR / BELSŐ CSATLAKOZÓ / INNENVERBINDUNG / ВНУТРЕННИЙ СОЕДИНИТЕЛЬ / VNITŘNÍ SPOJKA


MICRAJE ZINC STANDAR / ZINC STANDARD THICKNESS / MICROMÈTRES ZINC STANDARDS / SPESSORE ZINCATURA STANDARD / MICRAGEM DE ZINCO STANDARD / ÁTLAGOS ZINK BEVONAT / SCHICHTDICKE ZINK STANDART / СТАНДАРТНАЯ ТОЛЩИНА СЛОЯ ЦИНКА / MIKRONŮ STANDARDNĚ


MICRAJE ZINC MÁXIMO / MAXIMUM ZINC THICKNESS / MICROMÈTRES ZINC MAXIMUM / SPESSORE MASSIMO ZINCATURA / MICRAGEM DE ZINCO MÁXIMA / MAXIMÁLIS ZINK BEVONAT / SCHICHTDICKE ZINK MAXIMUM / МАКСИМАЛЬНАЯ ТОЛЩИНА СЛОЯ ЦИНКА / MIKRONŮ MAXIMÁLNĚ


GRADO RESISTENCIA CORROSIÓN / DEGREE OF RESISTANCE TO CORROSION / DEGRÉ DE RÉSISTANCE À LA CORROSION / GRADO DI RESISTENZA ALLA CORROSIONE / GRAU DE RESISTÊNCIA Á CORROSÃO / KORROZIÓ VÉDELEM FOKOZATA / KORROSIONSBESTÄNDIGKEIT / СТЕПЕНЬ ЗАЩИТЫ ОТ КОРРОЗИИ / TŘÍDA ODOLNOSTI PROTI KOROZI


BANDEJA HILO ENCAJABLE / STACKABLE WIRE MESH TRAY / CHEMIN DE CÂBLE EN FIL EMBOITABLE / CANALA A RETE IMPILABILE / CALHA DE VARÃO DE ENCAIXE / PRAKTIKUSAN RAKTÁROZHATÓ HÁLÓS KÁBELTÁLCA / GITTERRINNE STAFFELBAR / СОСТАВНОЙ ПРОВОЛОЧНЫЙ ЛОТОК / DRÁTĚNÝ ŽLAB ZASOUVATELNÝ


BANDEJA HILO ENCHUFABLE / SELF COUPLING WIRE MESH TRAY / CHEMIN DE CÂBLE EN FIL PRÉ-ÉCLISSÉ / CANALA A RETE AD INCASTRO / CALHA DE VARÃO DE UNIÃO RÁPIDA / GYORS CSATLAKOZÁSÚ HÁLÓS KÁBELTÁLCA / GITTERRINNE EINSTECKBAR / ПРОВОЛОЧНЫЙ ЛОТОК С БЕЗВИНТОВЫМ СОЕДИНЕНИЕМ / DRÁTĚNÝ ŽLAB S RYCHLOSPOJKOU


BANDEJA DE HILO REFORZADO / HEAVY DUTY WIRE MESH TRAY / CDC EN FIL RENFORCÉ / CALHA DE VARÃO REFORÇADO / ER SITTET HÁLÓS KÁBELTÁLCA / GITTERRINNE VERSTÄRKT / ПРОВОЛОЧНЫЙ ЛОТОК ДЛЯ БОЛЬШИХ НАГРУЗОК / ZESÍLENÝ DRÁTĚNÝ ŽLAB


BANDEJA DE HILO / WIRE MESH TRAY / CDC EN FIL / CALHA DE VARÃO / HÁLÓS KÁBELTÁLCA / GITTERRINNE / ПРОВОЛОЧНЫЙ ЛОТОК / DRÁTĚNÝ ŽLAB


BAJADA DE CABLES / CABLE DROP OUT / DESCENTE DE CÂBLES / USCITA CAVO / DESCIDA DE CABOS / KÁBEL KIVEZETÉS / KABELABGANG NACH UNTEN / КАБЕЛЬНЫЙ СПУСК / KABELOVÁ ODBOČKA


PERFIL SEPARADOR / DIVIDING WALL / CORNIÈRE DE SÉPARATION / PROFILO SEPARATORE / PERFIL SEPARADOR / ELVÁLASZTÓ ELEM / TRENNSTEG / ПЕРЕГОРОДКА / PŘEPÁŽKA


BANDEJA ESCALERA / CABLE LADDER / ECHELLE À CÂBLES / SCALETTA / CALHA DE ESCADA / KÁBELLÉTRA / KABELLEITER / ЛЕСТНИЧНЫЙ ЛОТОК / KABELOVÝ ŽEBŘÍK


BRIDA ESCALERA / LADDER FIXING / BRIDE ECHELLE / FISSAGGIO SCALETTA / PEÇA DE APERTO PARA CALHA DE ESCADA / KÁBELLÉTRA LEFOGATÓ / FLANSCH KABELLEITER / КРЕПЕЖ ДЛЯ ЛЕСТНИЧНОГО ЛОТКА / PŘÍCHYTKA ŽEBŘÍKU


CONJUNTO PINZA TAPA / COVER RETAINER / ENSEMBLE CLIP COUVERCLE / CLIP COPERCHIO / CONJUNTO GRAMPO TAMPA / LÉTRA FEDŐ LEFOGATÓ / GESAMTANORDUNG KLEMMBEFESTIGUNG / ФИКСАТОР ДЛЯ КРЫШКИ / DRŽÁK VÍKA


SOPORTES / SUPPORTS / SUPPORTS / SUPPORTI / SUPORTES / EGYSZERŰ TARTÓK / KONSOLEN / СУППОРТЫ / VÝLOŽNÍK


SOPORTES PARED / WALL BRACKETS / SUPPORTS MURAUX / STAFFAGGIO A PARETE / SUPORTE DE PAREDE / OLDALFALI TARTÓ / WANDKONSOLEN / НАСТЕННЫЕ КРОНШТЕЙНЫ / VÝLOŽNÍK NÁSTĚNNÝ


SOPORTES BÓVEDA / ROUND CEILING BRACKETS / SUPPORTS PAROI / STAFFE PER TUNNEL / SUPORTES DE ABÓBODAS / BOLTÍVES TARTÓ / KONSOLEN GEWÖLBE / КРОНШТЕЙНЫ ДЛЯ СВОДЧАТЫХ ПОТОЛКОВ / VÝLOŽNÍK KLENBA


SOPORTES DE TECHO / CEILING BRACKETS / SUPPORTS PLAFOND / STAFFE A SOFFITTO / SUPORTES DE TECTO / MENNYEZETI TARTÓK / KONSOLEN DECKE / ПОТОЛОЧНЫЕ КРОНШТЕЙНЫ / SYSTÉM ZÁVĚSŮ


SOPORTES DE TECHO INDIVIDUAL / INDIVIDUAL CEILING BRACKETS / SUPPORTS PLAFOND INDIVIDUELS / STAFFE A SOFFITTO INDIVIDUALI / SUPORTES DE TECTO INDIVIDUAIS / EGYSZERŰ MENNYEZETI TARTÓ / INDIVIDUELLE DECKENKONSOLEN / ИНДИВИДУАЛЬНЫЕ ПОТОЛОЧНЫЕ КРОНШТЕЙНЫ / NÁSTĚNNÝ A STROPNÍ DRŽÁK


SOPORTE COLUMPIO / CEILING SUSPENDED SUPPORT / SUPPORT BALANCELLE / SOSTEGNO SOSPESO A SOFFITTO / SUPORTES EM SUSPENSÃO / KÉTOLDALT FÜGGESZTETT TARTÓ / KONSOLE GEWINDESTABABHÄNGUNG / ПОТОЛОЧНЫЙ СУППОРТ ДЛЯ ПОДВЕСА / PROFILOVÁ LIŠTA


SOPORTES MODULARES / MODULAR SUPPORTS / SUPPORTS MODULAIRES / SUPPORTI MODULARI / SUPORTES MODULARES / TARTÓ RENDSZER / MODULARE KONSOLEN / МОДУЛЬНЫЕ СУППОРТЫ / MODULÁRNÍ PODPĚRY


SOPORTES MODULARES TECHOS IRREGULARES / MODULAR SUPPORTS FOR IRREGULAR CELININGS / SUPPORTS MODULAIRES PLAFONDS IRRÉGULIERS / SUPPORTI MODULARI PER SOFFITTI IRREGOLARI / SUPORTES MODULARES PARA TECTOS IRREGULARES / MENNYEZETI TARTÓ RENDSZEREK / MODULARE KONSOLEN FÜR UNREGELMÄSSIGEN DECKEN / МОДУЛЬНЫЕ СУППОРТЫ ДЛЯ НЕСТАНДАРТНЫХ ПОТОЛКОВ / MODULÁRNÍ PODPĚRY PRO NEPRAVIDELNÉ STROPY


SOPORTES MODULARES PARA BÓVEDAS / MODULAR SUPPORTS FOR TUNNELS / SUPPORTS MODULAIRES POUR PAROIS / SUPPORTI MODULARI PER TUNNELS / SUPORTES MODULARES PARA ABÓBODAS / BOLTÍVES TARTÓ RENDSZEREK / MODULARE KONSOLEN FÜR UNREGELMÄSSIGE GEWÖLBE / МОДУЛЬНЫЕ СУППОРТЫ ДЛЯ ТОННЕЛЕЙ / VARIABILNÍ SYSTÉM PRO TUNELY


SOPORTE INDIVIDUAL DE SUELO / INDIVIDUAL FLOOR BRACKET / SUPPORT INDIVIDUEL AU SOL / STAFFE A PAVIMENTO / SUPORTE INDIVIDUAL DE CHÃO / TALAJKÖVETŐ TARTÓK / INDIVIDUELLE KONSOLE FÜR BODEN / ИНДИВИДУАЛЬНЫЙ НАПОЛЬНЫЙ ДЕРЖАТЕЛЬ / PODLAHOVÁ PODPĚRA


SOPORTE MODULAR DE SUELO / MODULAR FLOOR BRACKET / SUPPORT MODULAIRE AU SOL / STAFFE MODULARI A PAVIMENTO / SUPORTE MODULAR DE CHÃO / TALPAS TARTÓ RENDSZEREK / MODULARE KONSOLE FÜR BODEN / МОДУЛЬНЫЙ НАПОЛЬНЫЙ ДЕРЖАТЕЛЬ / MODULÁRNÍ PODLAHOVÁ STOJNY


CANALES Y BANDEJAS INDUSTRIALES DE PVC / PVC TRUNKINGS AND INDUSTRIAL CABLE TRAYS / GOULOTTES ET CHEMINS DE CÂBLES INDUSTRIELS EN PVC / CANALI PVC E CANALIZZAZIONI INDUSTRIALI / CALHAS INDUSTRIAIS DE PVC / IPARI PVC CSATORNÁK ÉS TÁLCÁK / KANÄLE UND KABELRINNEN AUS PVC / КОРОБА И ПРОМЫШЛЕННЫЕ КАБЕЛЬНЫЕ ЛОТКИ ИЗ ПВХ / PVC PRŮMYSLOVÉ KABELOVÉ ŽLABY


CANAL CON BRIDA IK10 / PVC TRAY+IK10 RETAINER / GOULOTTE +BRIDE IK10 / CANALE IN PVC+IK10 ... / CALHA COM PEÇA DE APERTO IK10 / PEREMES CSATORNA / KANAL MIT FLANSCH / ЛОТОК ИЗ ПВХ С ДЕРЖАТЕЛЕМ IK 10 / VÝSTUHA ŽLABU (IK10)


CANAL SIN BRIDA IK10 / PVC TRAY W / O IK10 RETAINER / CANALE IN PVC W / O IK10.. / GOULOTTE SANS BRIDE / CALHA SEM PEÇA DE APERTO IK10 / SIMA CSATORNA / KANAL OHNE FLANSCH / ЛОТОК ИЗ ПВХ БЕЗ ДЕРЖАТЕЛЯ IK 10 / PVC ŽLAB (IK07)


CANAL MACIZA / SOLID BOTTOM / GOULOTTE À PAROI PLEINE / FONDO SOLIDO / CALHA MACIÇA / TÖMŐR CSATORNA / KANAL MASSIV / ЦЕЛЬНЫЙ ПРОФИЛЬ / ŽLAB PLNÝ


CANAL ALVEOLAR / ALVEOLAR STRUCTURE / GOULOTTE ALVÉOLAIRE / STRUTTURA ALVEOLARE / CALHA ALVEOLAR / SZENDVICS SZERKEZETŰ CSATORNA / KANAL MIT HOHLKAMMER / ЯЧЕИСТЫЙ ПРОФИЛЬ / ŽLAB ODLEHČENÝ


PIEZA DERIVACIÓN / DERIVATION / PIÈCE DÉRIVATION / DERIVAZIONE / PEÇA DE DERIVAÇÃO / ELÁGAZÓ ELEM / STÜCK ABZWEIGUNG / ОТВОД / SPOJKA ODBOČNÁ


TAPA FINAL / END CUP / EMBOUT FIN DE SECTION / TAPPO DI CHIUSURA / TOPO / TAMPA FINAL / VÉGZÁRÓ / ENDDECKEL / ЗАГЛУШКА / KONCOVKA


CANALES RANURADAS PARA CUADROS ELÉCTRICOS / SLOTTED TRUNKING FOR ELECTRICAL PANELS / GOULOTTES DE CABLAGE / GUARNIZIONE / CALHAS RANHURADAS PARA QUADROS ELÉCTRICOS / FÉSŰS KÁBELRENDEZŐ CSATORNA / VERDRAHTUNGSKANÄLE FÜR SCHALTSCHRÄNKE / ПЕРФОРИРОВАННЫЙ КОРОБ ДЛЯ РАСПРЕДЕЛИТЕЛЬНЫХ ЩИТОВ / ROZVADĚČOVÉ LIŠTY


RETENEDOR CABLES / CABLE RETAINER / ATTACHE-CÂBLE / SCATOLA DI DERIVAZIONE / RETENTOR DE CABOS / KÁBEL RÖGZÍTŐ / KABELBEFESTIGUNG / ДЕРЖАТЕЛЬ КАБЕЛЯ / DRŽÁK KABELŮ


CANALES ESTANCAS / WATERPROOF TRUNKINGS / GOULOTTE ÉTANCHE / TRUNKING SCANALATA PER QUADRI ELETTRICI / CALHAS ESTANQUES / VÍZÁLLÓ CSATORNA / DICHTE KANÄLE / ВЛАГОНЕПРОНИЦАЕМЫЕ КОРОБА / UZAVŘENÉ ŽLABY


CURVA CÓNCAVA / CONVEXA / OUTSIDE / SERRACAVO / INSIDE RISER / COUDE VERTICAL INTÉRIEUR / EXTÉRIEUR / CURVA CONCAVA / CONVEXA / EMELKEDŐ / BUKÓ IDOM / KURVE KONKAV / KONVEX / ВНЕШНИЙ/ВНУТРЕННИЙ УГОЛ / ÚHEL VNITŘNÍ / VERTIKÁLNÍ


CAJA DERIVACIÓN / DERIVATION BOX / BOITIER DE DÉRIVATION / TRUNKING IMPERMEABILE / CAIXA DE DERIVAÇÃO / ELÁGAZÓ DOBOZ / DOSE / РАСПРЕДЕЛИТЕЛЬНАЯ КОРОБКА / ROZVODNICE


ACOPLAMIENTO A CAJA DERIVACIÓN / OUTLET FLANGE / RACCORD POUR BOITIER DE DÉRIVATION / CURVA CONCAVA / CONVESSA / ACOPLAMENTO Á CAIXA DE DERIVAÇÃO / ELÁGAZÓ DOBOZ KIVEZETÉS / VERBINDUNG FÜR DOSE / ВЫХОДНОЙ ФЛАНЕЦ / PŘÍRUBA ROZVODNICE/


TAPA CIEGA / STOP END / COUVERCLE TÔLE NON PERFORÉE / SCATOLA DI DERIVAZIONE / TAMPA CEGA / VAK DUGÓ / BLINDDECKEL / ОГРАНИЧИТЕЛЬНАЯ ЗАГЛУШКА / ZÁSLEPKA/


TAPA FINAL / END CAP / EMBOUT FIN DE SECTION / FLANGIA D'USCITA / TOPO / TAMPA FINAL / VÉGZÁRÓ / ENDDECKEL / ЗАГЛУШКА / KONCOVKA


JUNTA BUPRENO / RUBBER COUPLER / JOINT BUPRÈNE / TAPPO DI CHIUSURA / JUNTA DE BUPRENO / TÖMITŐ SZALAG / KLEBEDICHTUNG BUPRENO / РЕЗИНОВЫЙ СОЕДИНИТЕЛЬ / TĚSNĚNÍ



TAPA IP65 / IP65 COVER / COUVERCLE IP65 / BULLONE M4 / TAMPA IP65 / FEDŐ IP65 / DECKEL IP65 / КРЫШКА IP 65 / VÍKO IP65


TUBO RÍGIDO / RIGID PIPE / TUBE RIGIDE PVC / GIUNZIONE BUPRENO / TUBO RÍGIDO DE PVC / MEREVFALÚ CSŐ / ROHR STARR PVC / ЖЕСТКАЯ ТРУБА, НЕ СОДЕРЖИТ ГАЛОГЕНА / TRUBKA PEVNÁ


JUNTA TUBO / PIPE COUPLER / MANCHON TUBE / COPERCHIO IP65 / UNIÃO PARA TUBO / CSŐ ÖSSZEKÖTŐ / DICHUNG ROHR / СОЕДИНИТЕЛЬ ТРУБОПРОВОДА / SPOJKA


CURVA BASORTUB / BASORTUB BEND / COUDE BASORTUB / TUBO RIGIDO HALOGEN FREE / CURVA RÍGIDA BASORTUB / CSŐ KANYARIDOM / KURVE BASORTUB / УГОЛ BASORTUB / KOLENO


CURVA FLEXIBLE BASORTUB / BASORTUB FLEXIBLE BEND / COUDE FLEXIBLE BASORTUB / ACCOPPIAMENTO TUBI / CURVA FLEXIVEL BASORTUB / FLEXIBILIS KANYARIDOM / FLEXIBLE KURVE BASORTUB / ГИБКИЙ УГОЛ BASORTUB / FLEXIBILNÍ KOLENO


RACOR TUBO A CAJA / PIPE TO BOX FITTING / RACCORD TUBE BOITIER / CURVA BASORTUB / RACOR DO TUBO Á CAIXA / CSŐ SZERELVÉNY DOBOZ / GEWINDEANSCHLUSS ROHR AN DOSE / ТРУБА К МОНТАЖНОЙ КОРОБКЕ / VÝVODKA PŘÍMÁ


SOPORTE A PARED / WALL BRACKET / SUPPORT MURAL / BASORTUB CURVA FLESSIBILE / SUPORTE DE PARADE / FALIRÖGZÍTŐ CSÖVEKHEZ / KONSOLE AN DECKE / НАСТЕННЫЙ ДЕРЖАТЕЛЬ / PŘÍCHYTKA


ABRAZADERA / CABLE TIE / COLLIER / RACCORDO TUBO A SCATOLA / ABRAÇADEIRA / GYORSKÖTÖZŐS FALIRÖGZÍTŐ / KLEMMSTÜCK / КАБЕЛЬНЫЙ ХОМУТ / PŘÍCHYTKA S PÁSKEM


NO NECESITA MANGUITO DE UNIÓN / NO UNION-SLEEVE NEEDE / ASSEMBLAGE SANS MANCHON / NON NECESSITA MANICOTTO/GUAINA D'UNIONE / NÃO NECESSITA DE UNIÃO / NEM SZÜKSÉGES TOLDÓ / BENÖTIGT KEINE VERBINDUNGSMUFFE / НЕ ТРЕБУЮТСЯ СОЕДИНИТЕЛЬ / NENÍ POTŘEBA SPOJKY


TUBO FLEXIBLE / FLEXIBLE PIPE / TUBE FLEXIBLE / STAFFA A PARETE / TUBO FLEXIVEL / FLEXICSŐ / ROHR FLEXIBEL / ГИБКАЯ ТРУБКА, НЕ СОДЕРЖИТ ГАЛОГЕНА / TRUBKA OHEBNÁ BEZHALOGENOVÁ


ACCESORIOS DE INSTALACIÓN Y SISTEMAS DE MONTAJE / INSTALLATION ACCESSORIES AND MOUNTING SYSTEM / ACCESSOIRES D'INSTALLATION ET SYSTÈME DE MONTAGE / FASCETTA STRINGICAVO / ACESSÓRIOS PARA INSTALAÇÃO E SISTEMAS DE MONTAGENS / SZERELÉSHEZ SZÜKSÉGES TARTOZÉKOK / KIEGÉSZÍTŐK / INSTALATIONS - UND MONTAGESYSTEM ZUBEHÖR / МОНТАЖНЫЕ АКСЕССУАРЫ / INSTALAČNÍ PŘÍSLUŠENSTVÍ A MONTÁŽNÍ SYSTÉM


PERFILES PARA CUADROS ELÉCTRICOS / PROFILES FOR ELECTRICAL PANELS / RAILS POUR ARMOIRES ÉLECTRIQUES / PROFILI PER PANNELLI ELETTRICI / TUBO FLESSIBILE (HALOGEN FREE) / PERFIS PARA QUADROS ELÉCTRICOS / PROFILOK ELEKTROMOS SZEKRÉNYEKHEZ / PERFILE FÜR SCHALTSCHRÄNKE / ПРОФИЛИ ДЛЯ РАСПРЕДЕЛИТЕЛЬНЫХ ЩИТОВ / DIN LIŠTY PRO ROZVADĚČOVÉ LIŠTY


PERFILES DE FIJACIÓN A PARED / WALL FIXING PROFILES / RAILS DE FIXATION AU MUR / ACCESSORI D'INSTALLAZIONE E SISTEMA DI MONTAGGIO / PERFIS DE FIXAÇÃO Á PAREDE / PROFILOK FALISZERELVÉNYHEZ / PERFILE FÜR WANDBEFESTIGUNG / ПРОФИЛИ НАСТЕННОГО КРЕПЕЖА / UCHYCENÍ NA STĚNU


ELEMENTOS DE FIJACIÓN A VIGAS / ELEMENTI DI FISSAGGIO / ELEMENTOS DE FIXAÇÃO PARA VIGAS / / / / UCHYCENÍ NA OCELOVÝ NOSNÍK I


ELEMENTOS ROSCADOS / SCREWED ELEMENTS / ELEMENTS FILETÉS / FISSAGGIO A PARETE PER PROFILI / VARÕES ROSCADOS / CSAVAROK / GESCHRAUBTE ELEMENTE / РЕЗЬБОВЫЕ ЭЛЕМЕНТЫ / UCHYCENÍ ZÁVITOVOU TYČÍ


ANCLAJES A HORMIGÓN / CONCRETE FIXINGS / ANCRAGES POUR BÉTON / TASSELLI A MURO / BUCHAS PARA BETÃO / DÜBELEK / BEFESTIGUNGSANKER FÜR BETON / АНКЕРЫ / UCHYCENÍ DO BETONU


DERIVACIÓN TOMA TIERRA / EARTHING CLAMP / DÉRIVATION PRISE À TERRE / MORSETTO DI MESSA A TERRA / DERIVAÇÃO DE TERRA / FÖLDELÉS / ABLEITUNG ERDUNG / ЗАЗЕМЛЯЮЩАЯ КЛЕММА / ZEMNICÍ SVORKA


SOLAR / SOLAR / SOLAIRE / SOLARE / SOLAR / NAP / SOLAR / СОЛНЕЧНАЯ / SLUNEČNÍ

Cd 
COEFICIENTE DE DEFORMACIÓN MM/KG.M / COEFFICIENT OF DEFORMATION MM/KG.M / COEFFICIENT DE DÉFORMATION / COEFFICIENTE DI DEFORMAZIONE MM/KG.M / COEFICIENTE DE DEFORMAÇÃO MM/KG.M / DEFORMÁLODÁSI TÉNYEZŐ / VERFORMUNGSKOEFFIZIENT MM/KG.M / КОЭФФИЦИЕНТ ДЕФОРМАЦИИ ММ/КГ.М / KOEFICIENT DEFORMACE mm / Kg.m

Fmáx 
FUERZA MÁXIMA KG / MAX STRENGTH KG / FORCE MAXIMUM KG. / FORZA MASSIMA KG / FORÇA MÁXIMA KG / MAXIMÁLIS TERHELÉS / MAXIMALE KRAFT KG / МАКСИМАЛЬНАЯ ПРОЧНОСТЬ КГ / MAXIMÁLNÍ NOSNOST KG

Mmáx 
MOMENTO MÁXIMO KG.M / MAX MOMENTUM KG.M / MOMENT MAXIMUM KG.M / SLANCIO MASSIMO KG.M / MOMENTO MÁXIMO KG.M / MAXIMÁLIS IDŐ / MAXIMALER MOMENT KG M / МАКСИМАЛЬНЫЙ МЕХАНИЧЕСКИЙ МОМЕНТ КГ.М / NOSNOST KG.M

Pap 
PAR DE PRIETE N.M (PAR DE APRIETE) / TORQUE N.M / COUPLE DE SERRAGE N.M / COPPIA N.M / APERTO N.M / NYOMATÉK / DREHMOMENT N.M / ВРАЩАЮЩИЙ МОМЕНТ H.M / UTAHOVACÍ MOMENT N.M


INCLUYE /INCLUDE / COMPREND / COMPRENDE / INCLUI / TARTALMAZZA / ES UMFASST/ОНА ВКЛЮЧАЕТ В СЕБЯ/OBSAHUJE


RECOMENDADO PARA BAJANTES/ RECOMMENDED FOR DOWNPIPES/ RECOMMANDÉ POUR LES TUYAUX DE DESCENTE/ CONSIGLIATO PER PLUVIALI/ RECOMENDADO PARA DOWNPIPES/ AJÁNLOTT LEFOLYÓCSÖVEK/ FÜR REGENFALLROHRE EMPFOHLEN/ РЕКОМЕНДУЕТСЯ ДЛЯ ВОДОСТОЧНЫХ ТРУБ/ ODPORÚČA SA PRE ZVODOV


RECOMENDADO PARA INSTALACIONES SUJETAS A LA ACCION DEL VIENTO / RECOMMENDED FOR INSTALLATIONS WITH WIND / RECOMMANDÉ POUR INSTALLATIONS AVEC VENT / CONSIGLIATO PER IMPIANTI CON WIND / RECOMENDADO PARA INSTALAÇÕES COM VENTO / AJÁNLOTT LÉTESÍTMÉNYEK SZÉL / FÜR ANLAGEN MIT WIND EMPFOHLEN / РЕКОМЕНДУЕТСЯ ДЛЯ УСТАНОВКИ С ВЕТРОВЫМИ / ODPORÚČAME PRE INŠTALÁCIE S VETROM


UN TORNILLO EN CADA LADO / A SCREW INTO EACH SIDE / UNE VIS DANS CHAQUE CÔTÉ / UNA VITE IN OGNI LATO / UM PARAFUSO EM CADA LADO / EGY-EGY CSAVAR MIND KÉT OLDALÁRA / EINE SCHRAUBE AUF JEDER SEITE / ŠROUB NA KAŽDÉ STRANĚ


UN TORNILLO EN CADA LADO Y UNO EN LA BASE / A SCREW INTO EACH SIDE AND ANOTHER ONE IN THE BASE / UNE VIS DANS CHAQUE COTÉ ET UN DANS LA BASE / UNA VITE IN OGNI LATO E ALTRO SULLA BASE / UM PARAFUSO EM CADA LADO E OUTRO NA BASE / EGY-EGY CSAVAR MIND KÉT OLDALÁRA ÉS EGY ALULRA IS / EINE SCHRAUBE AUF JEDER SEITE UND EINE IN DER BASE / ŠROUB NA KAŽDÉ STRANĚ A DALŠÍ V ZÁKLADNĚ


DOS TORNILLOS EN CADA LADO / TWO SCREWS INTO EACH SIDE / DEUX VIS DANS CHAQUE CÔTÉ / DUE VITI IN OGNI LATO / DOIS PARAFUSOS EM CADA LADO /
DVA ŠROUBY NA KAŽDÉ STRANĚ A DALŠÍ V ZÁKLADNĚ / KÉT-KÉT CSAVAR MINDEN OLDALÁRA / ZWEI SCHRAUBEN AUF JEDER SEITE / DVA ŠROUBY NA KAŽDÉ STRANĚ


DOS TORNILLOS EN CADA LADO Y OTRO EN LA BASE / TWO SCREWS INTO EACH SIDE AND ANOTHER ONE IN THE BASE / UNE VIS DANS CHAQUE CÔTÉ ET UN DANS LA BASE / DUE VITI IN OGNI LATO E ALTRO SULLA BASE / DOIS PARAFUSOS EM CADA LADO E OUTRO NA BASE / KÉT-KÉT CSAVAR MIND KÉT OLDALÁRA ÉS EGY ALULRA IS / ZWEI SCHRAUBEN AUF JEDER SEITE UND EINE IN DER BASE / DVA ŠROUBY NA KAŽDÉ STRANĚ A DALŠÍ V ZÁKLADNĚ



FUNCIONA PARA H60 Y H100 / WORKS FOR H60 AND H100 / TRAVAUX POUR H60 ET H100 / OPERE PER H60 E H100 / TRABALHA PARA H60 E H100 / WORKS FOR H60 ÉS H100 / ARBEITEN FÜR H60 UND H100 / ДЛЯ РАБОТЫ H60 И H100 / PRÁCA PRE H60 A H100


FIJACIÓN POR CARA CERRADA/ FIXING CLOSED FACE/ FIXANT VISAGE FERMÉ/ FISSAGGIO FRONTE CHIUSO/ FIXAÇÃO FACE FECHADA/ RÖGZÍTŐ ZÁRT FACE/ BEFESTIGUNG GESCHLOSSEN GESICHT/ КРЕПЁЖНАЯ ЗАМКНУТАЯ ГРАНЬ/ FIXING ZATVORENÉ FACE


FIJACIÓN POR CARA ABIERTA/ FIXING FOR OPEN FACE/ FIXATION POUR OUVRIR VISAGE/ STABILISCE, PER IL VISO APERTO/ QUE FIXA, PARA A CARA ABERTA/ ÉVRE TÖRTÉNŐ MEGHATÁROZÁSÁRÓL SZÓLÓ NYÍLT ARCA/ BEFESTIGUNG FÜR OFFENE GESICHT/ КРЕПЕЖНЫМ ОТКРЫТОЕ ЛИЦО/ KTORÝM SA NA ODKRYTÚ TVÁROU


CORTE EN OBRA/ CUT WORK/ CUT TRAVAIL/ TAGLIO DI LAVORO/ TRABALHO CUT/ MEGMUNKÁLÁS/ CUT WORK/ CUT РАБОТЫ/ CUT PRÁCE


FIJACIÓN A PARED POR UN LATERAL/ FIXING A WALL ON ONE SIDE/ FIXER UN MUR SUR UN CÔTÉ/ FISSAGGIO A PARETE SU UN LATO/ A FIXAÇÃO DE UM PAREDE DE UM LADO/ RÖGZÍTÉSE FALAK AZ EGYIK OLDALON/ FESTSETZUNG EINE WAND AUF EINER SEITE/ ФИКСИРУЯ WALL НА ОДНОЙ СТОРОНЕ/ UPEVNENIE MÚR NA JEDNEJ STRANE


CURVABLE CON APLICACIÓN DE CALOR/ FOLDING WITH HEAT/ PLIAGE AVEC LA CHALEUR/ PIEGHEVOLE CON IL CALORE/ DOBRÁVEL COM APLICAÇÃO DE CALOR/ ÖSSZECSUKHATÓ HŐVEL/ FOLDING MIT WÄRME/ СКЛАДНЫЕ С ВЫСОКОЙ ТЕМПЕРАТУРОЙ/ SKLADACIE S TEPLOM


CLASIFICACIÓN HILO INCANDESCENTE SEGÚN UNE-EN 60695/ GLOW WIRE CLASSIFICATION UNE-EN 60695/ GLOW WIRE CLASSIFICAZIONE UNE-EN 60695/ GLOW FIO CLASSIFICAÇÃO UNE-EN 60695/ IZZÍTÓSZÁLAS BESOROLÁS UNE-EN 60695/ GLÜHDRAHT KLASSIFIKATION UNE-EN 60695/ РАСКАЛЕННЫЙ ПРОВОД КЛАССИФИКАЦИЯ UNE-EN 60695/ HORÚCOU KLASIFIKÁCIA UNE-EN 60695


LIGERO/ LIGHT/ LÉGÈRE/ LEGGERO/ LEVE/ KÖNNYŰ/ LEICHT/ ЛЕГКИЙ/ ĽAHKÉ


TRANSITABLE/PASSABLE/CIRCULABLES/CALPESTABILE/TRANSITÁVEIS/JÁRHATÓ/BEFAHRBAREN/ЭКСПЛУАТИРУЕМАЯ/POCHÔDZNEJ


NO TRANSITABLE/ NO PASSABLE/NO CIRCULABLES/ NO CALPESTABILE/ NO TRANSITÁVEIS/ NO JÁRHATÓ/NO BEFAHRBAREN/
НЕТ ЭКСПЛУАТИРУЕМАЯ/ NIE POCHÔDZNEJ


ENCAJABLE/ STACKABLE/ EMPILABLE/ IMPILABILE/ STACKABLE/ RAKÁSOLHATÓ/ STAPELBAR/ STACKABLE


APILABLE EN VARIOS NIVELES EN VERTICAL/ APILABLE IN VARIOUS LEVELS IN VERTICAL/ APILABLE DANS DIFFERENTS NIVEAUX EN VERTICAL/ APILABLE IN VARI LIVELLI IN VERTICALE/ APILABLE EM VÁRIOS NÍVEIS NA VERTICAL/ APILABLE KÜLÖNBÖZŐ SZINTEKEN FÜGGŐLEGES/ APILABLE IN VERSCHIEDENEN EBENEN IN VERTICAL/ APILABLE В РАЗЛИЧНЫХ УРОВНЕЙ В ВЕРТИКАЛЬНОМ/ APILABLE NA RÔZNYCH POSTOCH VO VERTIKÁLNYCH


RADIO DE CURVATURA / BENDING RADIUS / RAYON DE COURBURE / RAGGIO DI CURVATURA / RAIO DE CURVATURA / HAJLÍTÁSI SUGÁR / BIEGERADIUS / RADIUS ГИБКА / POLOMĚR OHYBU

ESTÁTICO / ESTATIC / EN EXTASE / ESTATICA / ECTÁTICO / ELRAGADTATOTT / BEGEISTERT / ЭКСТАТИЧЕСКИЙ / EXTATICKÝ


MOVIMIENTO / MOVEMENT / MOUVEMENT / MOVIMENTO / MOVIMENTO / MOZGÁS / BEWEGUNG / ДВИЖЕНИЕ / POHYB


INCLUYE TUERCA / INCLUDES NUT / COMPREND ÉCROU / COMPRENDE DADO / INCLUI NOZ / EZ MAGÁBAN FOGLALJA ANYA / ES UMFASST NUSS / ОНА ВКЛЮЧАЕТ В СЕБЯ ОРЕХ / OBSAHUJE MATICE


VER BASORPLAST QRL / SEE BASORPLAST QRL / VOIR BASORPLAST QRL / VEDERE BASORPLAST QRL / VEJO BASORPLAST QRL / LÁT BASORPLAST QRL / SEHEN BASORPLAST QRL / ВИДЕТЬ BASORPLAST QRL / VIDĚT BASORPLAST QRL /


BRIDA / CLAMP / BRIDE / PIASTRA FISSAGGIO / BRIDA / LEFOGATÓ ELEM / KLEMME / ЗАЖИМ / SVĚRÁK


SECTOR NAVAL / NAVAL SECTOR / SECTEUR NAVAL / SETTORE NAVALE / SETOR NAVAL / HADITENGERÉSZETI SZEKTORBAN / MARINESEKTOR / ВОЕННО-МОРСКОЙ СЕКТОР / NÁMOŘNÍ SEKTOR


LLAVE ALLEN / HEX KEY / CLÉ ALLEN / CHIAVE A BRUGOLA / CHAVE SEXTAVADA / IMBUSZKULCS / INNENSECHSKANT / ШЕСТИГРАННЫЙ КЛЮЧ / KLÍČOVÝM HEX

L > 100 m

SISTEMA CON CONTINUIDAD ELÉCTRICA SEGÚN UNE-EN 61537 Y/O UNE-EN 50085. PARA DISEÑAR LA PUESTA A TIERRA DE LA INSTALACIÓN SE DEBE CONSULTAR LAS NORMAS, REGLAMENTOS O CONDICIONES PARTICULARES DE CADA PAÍS / SYSTEM WITH ELECTRICAL CONTINUITY ACCORDING TO UNE-EN 61537 AND/OR UNE-EN 50085. FOR THE CORRECT DESIGN TO EARTH THE INSTALLATION, NORMS, REGULATIONS AND SPECIFIC CONDITIONS IN EACH COUNTRY MUS BE VERIFIED / SYSTÈME GARANTISSANT LA CONTINUITÉ ELECTRIQUE SELON UNE-EN 61537 / UNE-EN 50085. POUR LE DESIGN DELA MISE A TERRE DE L'INSTALATION, IL FAUDRA CONSULTER LES NORMES, RÈGLEMENTS OU CONDITIONS PARTICULIÈRES DE CHAQUE PAYS / SISTEMA CON CONTINUITÀ ELETTRICA SECONDO UNE-EN61537 E UNE-EN50085. PER A PROGETTARE LA MESSA A TERRRA DELLA INSTALLAZIONE, SI DEVE CONSULTARE LA NORMA, REGOLAMENTO O CONDIZIONI PARTICOLARI D'OGNI PAESE / SISTEMA COM CONTINUIDADE ELÉCTRICA SEGUNDO A NORMA UNE-EN 61537 E/OU UNE-EN 50085. PARA DESENHAR A LIGAÇÃO À TERRA DA INSTALAÇÃO DEVEM-SE CONSULTAR AS NORMAS, REGULAMENTOS OU CONDIÇÕES PARTICULARES DE CADA PAIS / ELEKTROMOS VEZETŐ AZ UNE-EN 62537/ UNE-EN 50085 NORMA SZERINT. A FÖLDELÉSRE VONATKOZÓ SZABÁLYOK ORSZÁGONKÉNT ELTÉRHETNEK / SYSTEM MIT ELEKTRISCHE LEITFÄHIGKEIT NACH UNE-EN 61537 UND/ODER UNE-EN 50085. UM DIE ERDUNG DER ANLAGE ZU ERSTELLEN, MÜSSEN DIE GELTENDEN NORMEN, VORSCHRIFTEN UND INDIVIDUELLEN BEDINGUNGEN JEDES LANDES BEACHTET WERDEN / СИСТЕМА, ОБЛАДАЮЩАЯ ЭЛЕКТРОПРОВОДНОСТЬЮ, ВЫПОЛНЕНА В СООТВЕТСТВИИ СО СТАНДАРТАМИ UNE-EN 61537 И/ИЛИ UNE-EN 50085. ПРАВИЛА ЗАЗЕМЛЕНИЯ МОГУТ ОТЛИЧАТЬСЯ В РАЗНЫХ СТРАНАХ. / PROPOJENÍ ELEKTRICKÉHO SYSTÉMU UNE-EN 61537 A/NEBO UNE-EN 50085. PRO NÁVRH UZEMNĚNÍ INSTALACE JE NUTNÉ KONZULTOVAT PLATNÉ NORMY, PŘEDPISY A JEDNOTLIVÉ PODMÍNKY KAŽDÉ ZEMĚ.

SISTEMA AISLANTE SEGÚN UNE-EN 61537/ UNE-EN 50085 O UNE-EN 61386 / INSULATING SYSTEM ACCORDING TO UNE-EN 61537/ UNE-EN 50085 OR UNE-EN 61386 / SYSTÈME D' ISOLATION SELON UNE-EN 61537/ UNE-EN 50085 OU UNE-EN 61386 / SISTEMA ISOLANTE SEGUNDO A NORMA UNE-EN 50085 OU UNE-EN 61386 / SZIGETELÉS AZ UNE-EN 61537/UNE-EN 50085 /UNE-EN 61386 NORMÁK SZERINT / ISOLIERSYSTEM NACH UNE-EN 61537/ UNE-EN 50085 ODER UNE-EN 61386 / ИЗОЛИРОВАННАЯ СИСТЕМА (НЕ ПРОВОДИТ ТОК) ВЫПОЛНЕНА В СООТВЕТСТВИИ СО СТАНДАРТАМИ UNE-EN 61537, UNE-EN 50085 ИЛИ UNE-EN 61386 / IZOLAČNÍ SYSTÉM DLE UNE-EN 61537, EN 50085 NEBO UNE-EN 61386

E90

INSTALACIÓN RESISTENTE AL FUEGO CLASIFICADA COMO E90 SEGÚN DIN4102-12 / FIRE RESISTANT INSTALLATION/ E90 CLASSIFIED ACCORDING TO DIN4102-12 / / INSTALAÇÃO RESISTENTE AO FOGO CLASSIFICADA COMO E90 SEGUNDO A NORMA DIN4102-12 / E90-ES FUNKCIÓTARTÓ SZERELÉS A DIN4102-12 NORMA SZERINT / FEUERFESTE INSTALLATION/ KLASSIFIZIERT WIE E90 LAUT DIN4102-12 NORM / ПОЖАРОБЕЗОПАСНАЯ УСТАНОВКА E90 КЛАССИФИЦИРОВАНА В СООТВЕТСТВИИ СО СТАНДАРТОМ DIN4102-12 / POŽÁRNĚ ODOLNÉ INSTALACE E90 KLASIFIKOVÁNY PODLE DIN4102-12

NO PROPAGADOR DE LA LLAMA SEGÚN UNE-EN 61537/ UNE-EN 50085 O UNE-EN 61386 (SE INDICA ADICIONALMENTE LA CLASIFICACIÓN SEGÚN UNE 23727 Y/O UL94) / SELF EXTINGUISHABLE ACCORDING TO UNE-EN 61537/ UNE-EN 50085 OR UNE-EN 61386 (UNE 23727 AND/OR UL94) / NON PROPAGATEUR DE LA FLAMME SELON UNE-EN 61537/ UNE-EN 50085 OU UNE -EN 61386 (LE CLASSEMENT SELON UNE 23727 ET UL94 EGALEMENT INDIQUÉ) / NÃO PROPAGADOR DE CHAMA / ÉGÉSGÁTLÓ AZUNE-EN61537/UNE-EN 50085 NORMÁK SZERINT / СИСТЕМА ПОЖАРОТУШЕНИЯ ВЫПОЛНЕНА В СООТВЕТСТВИИ СО СТАНДАРТАМИ UNE-EN 61537, UNE-EN 50085 ИЛИ UNE-EN 61386 (UNE 23727 И/ИЛИ UL94) / SAMOZHÁŠIVÝ PODLE UNE-EN 61537, UNE-EN 50085 NEBO UNE-EN 61386 (UNE 23727 A/NEBO UL94)

150°C
-50°C
UNE-EN 61537

TEMPERATURA MÍNIMA Y MÁXIMA SEGÚN NORMA INDICADA / MINIMUM AND MAXIMUM WORKING TEMPERATURES ACCORDING TO THE MENTIONED STANDARD / TEMPÉRATURE MINIMUM / MAXIMUM SELON NORME INDIQUÉE / TEMPERATURA MÍNIMA E MÁXIMA/ SEGUNDO A NORMA INDICADA / SZABVÁNYBAN MEGHATÁROZOTT HŐMÉRSÉKLETI MINIMUM ÉS MAXIMUM / MINIMALE UND MAXIMALE TEMPERATUR JE NACH ANGEGEBENE NORM / МИНИМАЛЬНАЯ И МАКСИМАЛЬНАЯ РАБОЧАЯ ТЕМПЕРАТУРА УКАЗАНА В СООТВЕТСТВИИ С УПОМЯНУТЫМИ СТАНДАРТАМИ. / MINIMÁLNÍ A MAXIMÁLNÍ PRACOVNÍ TEPLOTY V ZÁVISLOSTI NA UVEDENÉ NORMY

3 5

RESISTENCIA A LA CORROSIÓN EN FUNCIÓN DEL ACABADO SEGÚN NORMA UNE-EN 61537 / RESISTANCE TO CORROSION ACCORDING TO STANDARD UNE-EN 61537 / RÉSISTANCE À LA CORROSION SELON FINITION DU MATERIEL EN ACCORD AVEC LA NORME UNE-EN 61537 / RESISTÊNCIA Á CORROSÃO EM FUNÇÃO DO ACABAMENTO/ SEGUNDO A NORMA ENE-EN 61537 / KORRÓZIÓVÉDELEM FELHASZNÁLÁSI TERÜLET SZERINT / KORROSIONSBESTÄNDIG JE NACH FERTIGUNG LAUT NORM UNE-EN 61537 / ПОКАЗАТЕЛЬ КОРРОЗИОННОЙ СТОЙКОСТИ УКАЗАН В СООТВЕТСТВИИ СО СТАНДАРТОМ UNE-EN 61537 / ODOLNOST PROTI KOROZI PODLE NORMY UNE-EN 61537

BUEN COMPORTAMIENTO FRENTE UV / GOOD BEHAVIOUR TO UV / BON COMPORTEMENT AUX UV / BOM COMPORTAMENTO AOS RAIOS UV / UV ÁLLÓ / GUTES VERHALTEN GEGENÜBER UV / СОХРАНЕНИЕ ХАРАКТЕРИСТИК ПОД ВОЗДЕЙСТВИЕМ УЛЬТРАФИОЛЕТА / DOBRÁ SNÁŠENLIVOST UV ZÁŘENÍ

RESISTENCIA EN EXTERIOR LIMITADA / LIMITED OUTDOOR RESISTANCE / RESISTANCE LIMITÉE EN EXTERIEUR / RESISTÊNCIA NO EXTERIOR LIMITADA / KÜLTÉRI ALKALMAZÁS KORLÁTOZÁSOKKAL / AUSSEN RESISTENZ LIMITIERT / ОГРАНИЧЕННЫЙ СРОК СЛУЖБЫ ПРИ ИСПОЛЬЗОВАНИИ ВНЕ ПОМЕЩЕНИЯ / OMEZENÁ VENKOVNÍ ODOLNOST

SISTEMA PARA MONTAJE ÚNICAMENTE EN INSTALACIONES DE INTERIOR / INDOOR INSTALLATION ONLY / SYSTÈME DE MONTAGE UNIQUEMENT POUR INSTALLATIONS EN INTÉRIEUR / SISTEMA PARA APLICAÇÃO ÚNICAMENTE EM INTERIORES / CSAK BELTÉREN ALKALMAZHATÓ / MONTAGE SYSTEM NUR FÜR INNENEINRICHTUNGEN / ПРЕДНАЗНАЧЕНО ТОЛЬКО ДЛЯ УСТАНОВКИ В ПОМЕЩЕНИИ / POUZE VNITŘNÍ INSTALACE

20J

RESISTENCIA AL IMPACTO SEGÚN UNE-EN 61537 Y/O UNE-EN 50085 / RESITANCE TO IMPACT ACCORDING TO UNE-EN 61537 AND/OR UNE-EN 50085 / RÉSISTANCE AU CHOC MÉCANIQUE SELON NORME UNE-EN 61537 / UNE-EN 50085 / RESISTÊNCIA AO IMPACTO SEGUNDO A NORMA UNE-EN 61537 E/OU UNE-EN 50085 / ÜTÉSÁLLÓ UNE-EN 61537/UNE-EN 50085 NORMÁK SZERINT / SCHLAGZÄHIGKEIT LAUT UNE-EN 61537 UND/ODER UNE-EN 50085 / ПОКАЗАТЕЛЬ УСТОЙЧИВОСТИ К ВОЗДЕЙСТВИЮ ВНЕШНИХ ФАКТОРОВ ПРИВЕДЕН В СООТВЕТСТВИИ СО СТАНДАРТОМ UNE-EN 61537 И/ИЛИ UNE-EN 50085 / ODOLNOST PROTI NÁRAZU DLE UNE-EN 61537 A/NEBO UNE-EN 50085

IKXX

GRADO IK SEGÚN IEC 50102 / IK DEGREE ACCORDING TO IEC 50102 / DEGRÉ IK SELON IEC 50102 / GRAU IK SEGUNDO NORMA IEC 50102 / IK VÉDETT AZ IEC 5012 SZERINT / IK GRAD LAUT IEC 50102 / ПОКАЗАТЕЛЬ МЕХАНИЧЕСКОЙ ПРОЧНОСТИ IK ПРИВЕДЕН В СООТВЕТСТВИИ СО СТАНДАРТОМ IEC 50102 / IK STUPEŇ PODLE IEC 50102

IPXX IP 40

GRADO IP SEGÚN IEC 60529 / IP DEGREE ACCORDING TO IEC 60529 / DEGRÉ IP SELON IEC 60529 / GRAU IP SEGUNDO NORMA IEC 60529 / IP VÉDETT AZ IEC 60529 NORMA SZERINT / GRAD IP LAUT IEC 60529 / ПОКАЗАТЕЛЬ ЗАЩИТЫ IP ПРИВЕДЕН В СООТВЕТСТВИИ СО СТАНДАРТОМ IEC 60529 / IP KRYTÍÍ PODLE IEC 60529

1250N

RESISTENCIA A LA COMPRESIÓN SEGÚN UNE-EN 61386 / COMPRESSION RESISTANCE ACCORDING TO UNE-EN 61386 / RÉSISTANCE À LA COMPRESSION SELON UNE-EN 61386 / RESISTÊNCIA Á COMPRESSÃO SEGUNDO A NORMA UNE-EN 61386 / NYOMÁS ÁLLÓ AZ UNE-EN 61381 NORMA SZERINT / KOMPRIMIERUNGSRESISTENZ LAUT UNE-EN 61386 / ПОКАЗАТЕЛЬ УСТОЙЧИВОСТИ К КОМПРЕССИИ УКАЗАН В СООТВЕТСТВИИ СО СТАНДАРТОМ UNE-EN 61386 / ODOLNOST PROTI TLAKU DLE UNE-EN 61386

6J

RESISTENCIA AL IMPACTO SEGÚN UNE-EN 61386 / IMPACT RESISTANCE ACCORDING TO UNE-EN 61386 / RÉSISTANCE AU CHOC MÉCANIQUE SELON UNE-EN 61386 / RESISTÊNCIA AO IMPACTO SEGUNDO A NORMA UNE-EN 61386 / ÜTÉSÁLLÓ AZ UNE-EN 61386 NORMA SZERINT / SCHLAGZÄHIGKEIT LAUT UNE-EN 61386 SCHLAGZÄHIGKEIT LAUT UNE-EN 61386 / ПОКАЗАТЕЛЬ УСТОЙЧИВОСТИ К ВОЗДЕЙСТВИЮ ВНЕШНИХ ФАКТОРОВ ПРИВЕДЕН В СООТВЕТСТВИИ СО СТАНДАРТОМ UNE-EN 61386 / ODOLNOST PROTI NÁRAZU DLE UNE-EN 61386

ISO/TR 10358
DIN 8061

SISTEMA PLÁSTICO RESISTENTE A AMBIENTES HÚMEDOS/ SALINOS Y QUÍMICAMENTE AGRESIVOS S/ DIN 8061 E ISO/TR 10358 / PLASTIC SYSTEM RESISTANT TO HUMIDITY/ SALTY AND CHEMICAL ENVIRONMENTS ACCORDING TO DIN 8061 AND ISO/TR 10358 / SYSTÈME PLASTIQUE RÉSISTANT AUX ENVIRONNEMENTS HUMIDES/ SALINS ET CHIMIQUEMENT AGRESSIFS SELON DIN8061 ET ISO/TR 10358 / SISTEMA PLÁSTICO RESISTENTE A AMBIENTES HÚMIDOS/ SALINOS E QUIMICAMENTE AGRESSIVOS/ SEGUNDO NORMA S/ DIN 8061 E ISSO/TR 10358 / PÁRÁS SÓS KÉMIAI KÖRNYEZETBEN ALKALMAZHATÓ DIN 8061/ISO/TR 10358 / PLASTISCHES SYSTEM/ RESISTENZ IN FEUCHTEM/ SALZHALTIGEM UND CHEMISCHEN MEDIUM S/ DIN 8061 E ISO/TR 10358 / ПОКАЗАТЕЛЬ УСТОЙЧИВОСТИ ПЛАСТИКОВОЙ СИСТЕМЫ К ВЛАЖНОСТИ, НАХОЖДЕНИЮ В СОЛЕНОЙ ИЛИ ХИМИЧЕСКОЙ СРЕДЕ УКАЗАН В СООТВЕТСТВИИ СО ТАНДАРТОМ DIN 8061 И ISO/TR 10358 / PLAST.SYSTÉM ODOLNÝ VŮČI VLHKOSTI, SLANÉMU A CHEMICKÉMU PROSTŘEDÍ DLE DIN 8061 A ISO / TR 10358

SISTEMA RESISTENTE A AMBIENTES HÚMEDOS Y QUÍMICAMENTE AGRESIVOS / SYSTEM RESITANT TO HUMIDITY AND AGGRESSIVE CHEMICAL ENVIRONMENTS / SYSTÈME RÉSISTANT AUX ENVIRONNEMENTS HUMIDES ET CHIMIQUEMENT AGRESSIFS / SISTEMA RESISTENTE A AMBIENTES HÚMIDOS E QUIMICAMENTE AGRESSIVOS / KORRÓZIÓ ÉS SAVÁLLÓ / IN FEUCHTER UND CHEMISCHER UMGEBUNG RESISISTENTE SYSTEME / ПОКАЗАТЕЛЬ УСТОЙЧИВОСТИ СИСТЕМЫ ВЛАЖНОСТИ И НАХОЖДЕНИЮ В АГРЕССИВНОЙ ХИМИЧЕСКОЙ СРЕДЕ ПРИВЕДЕН В СООТВЕТСТВИИ СО СТАНДАРТОМ ROHS 2002/95/EC / SYSTÉM ODOLNÝ PROTI VLHKOSTI A AGRESIVNÍMU CHEMICKÉMU PROSTŘEDÍ

RoHS

CONFORME CON DIRECTIVA ROHS 2011/65/UE / ACCORDING TO ROHS 2011/65/UE / RESPECT DE LA DIRECTIVE ROHS 2011/65/UE / CONFORME A DIRECTIVA ROHS 2011/65/UE / ROHS2011/65/UE NORMÁNAK MEGFELEL / ROHS 2011/65/UE KONFORM / СООТВЕТСТВУЕТ ROHS 2011/65/UE / ROHS PODLE 2011/65/UE

AL x3

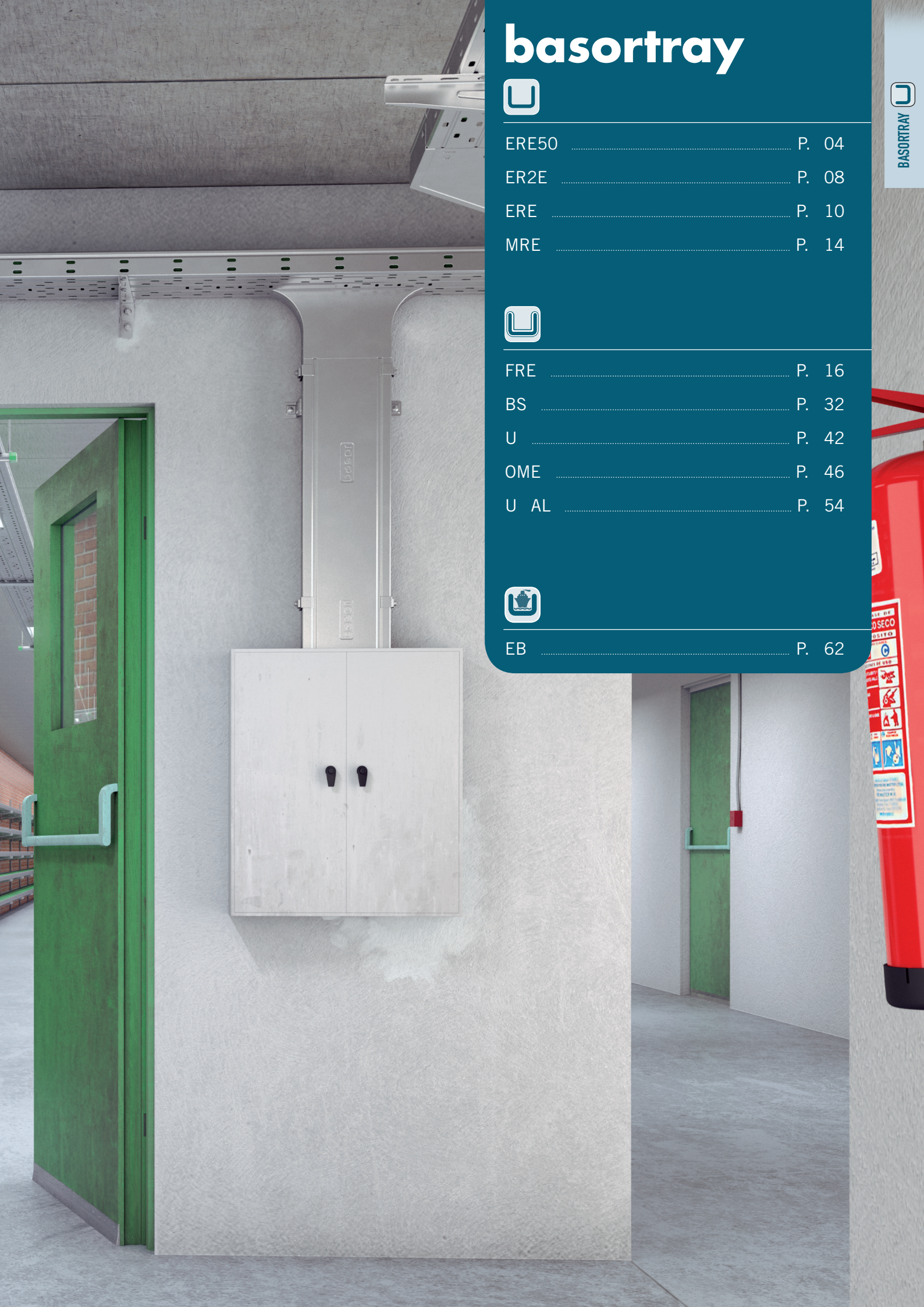
MATERIAL 3 VECES MÁS LIGERO QUE EL ACERO/ FACILIDAD DE TRANSPORTE/ MONTAJE Y MANIPULACIÓN / THREE TIMES LIGHTER THAN STEEL/ EASE OF TRANSPORT/ ASSEMBLY AND MANIPULATION / MATÉRIAU 3 FOIS PLUS LÉGER QUE L'ACIER; AVANTAGEUX POUR LE TRANSPORT/ MANIPULATION ET MONTAGE / MATERIAL 3 VEZES MAIS LEVE QUE O AÇO/ FACILIDADE DE TRANSPORTE/ MONTAGEM E MANIPULAÇÃO / 3X KÖNNYEBB ANYAG AZ ACÉLNÁL/KÖNNYŰ SZERELHETŐSÉG ÉS SZÁLLÍTHATÓSÁG / MATERIAL 3 X LEICHTER ALS STAHL/ LEICHT ZU TRANSPORTIEREN/ MONTIEREN UND ZU BEARBEITEN / МАТЕРИАЛ ВЕСИТ В РТИ РАЗА МЕНЬШЕ, ЧЕМ СТАЛЬ. ЛЕГОК ДЛЯ ТРАНСПОРТИРОВКИ И МОНТАЖА. / MATERIÁL 3X LEHČÍ NEŽ OCEL, SNADNOST DOPRAVY, MONTÁŽE A MANIPULACE

HALOGEN FREE LIBRE DE HALÓGENOS / HALOGEN FREE / SANS HALOGÈNE / SENZA ALOGENO / LIVRE DE HALOGÊNIO / HALOGÉN MENTES / HALOGEN FREI / БЕЗ ГАЛОГЕНА / BEZ HALOGENŮ

GS	ACERO GALVANIZADO SENDZIMIR / PRE GALVANISED STEEL / ACIER À GALVANISATION SENDZIMIR / AÇO COM GALVANIZAÇÃO SENDZIMIR / SZALAGHORGANYZOTT / STAHL SENDZIMIR VERZINKT / ПРЕДВАРИТЕЛЬНО ГАЛЬВАНИЗИРОВАННАЯ СТАЛЬ / SENDZIMIROVĚ ZINKOVÁNO
GC70	ACERO GALVANIZADO EN CALIENTE CON ESPESOR MÍNIMO DE 70 µm / HOT DIP GALVANISED WITH MINIMUM THICKNESS OF 70 µm / ACIER GALVANISÉ À CHAUD D'UNE ÉPAISSEUR MINIMALE DE 70 µm / AÇO COM GALVANIZAÇÃO A QUENTE APÓS MAQUINAÇÃO COM ESPESSURA MÍNIMA DE 70 µm / TÜZIHORGANYZOTT AZ MINIMÁLIS VASTAGSÁGA 70 µm / STAHL HOT DIP MIT EINER MINDESTDICKE 70 µm / ГОРЯЧАЯ ГАЛЬВАНИЗАЦИЯ ТОЛЩИНОЙ НЕ МЕНЕЕ 70 µm / ŽÁROVĚ ZINKOVÁNO O MINIMÁLNÍ TLOUŠŤCE 70 µm
GC85	ACERO GALVANIZADO EN CALIENTE CON ESPESOR MÍNIMO DE 85 µm / HOT DIP GALVANISED WITH MINIMUM THICKNESS OF 85 µm / ACIER GALVANISÉ À CHAUD D'UNE ÉPAISSEUR MINIMALE DE 85 µm / AÇO COM GALVANIZAÇÃO A QUENTE APÓS MAQUINAÇÃO COM ESPESSURA MÍNIMA DE 85 µm / TÜZIHORGANYZOTT AZ MINIMÁLIS VASTAGSÁGA 85 µm / STAHL HOT DIP MIT EINER MINDESTDICKE 85 µm / ГОРЯЧАЯ ГАЛЬВАНИЗАЦИЯ ТОЛЩИНОЙ НЕ МЕНЕЕ 85 µm / ŽÁROVĚ ZINKOVÁNO O MINIMÁLNÍ TLOUŠŤCE 85 µm
GC	ACERO GALVANIZADO EN CALIENTE / HOT DIP GALVANISED / ACIER GALVANISÉ À CHAUD / AÇO COM GALVANIZAÇÃO A QUENTE APÓS MAQUINAÇÃO / TÜZIHORGANYZOTT / STAHL HOT DIP / ГОРЯЧАЯ ГАЛЬВАНИЗАЦИЯ / ŽÁROVĚ ZINKOVÁNO
EZ1000	ACERO ELECTROZINCADO CON RESISTENCIA MÍNIMA A LA CORROSIÓN DE 1000 H / ELECTROZINC COATING WITH MINIMAL RESISTANCE TO CORROSION OF 1000 H / ACIER ELECTROZINGUÉ AVEC RÉSISTANCE À LA CORROSION MINIMAL DE 1000 H / AÇO ELECTROZINCADO COM RESISTÊNCIA MÍNIMA À CORROSÃO 1000 H / ELEKTROGALVANIKUS BEVONAT MINIMÁLIS ELLENÁLLÁSSAL KORRÓZIÓ 1000 H / STAHL ELEKTROLYTISCH VERZINKT MIT MINIMALEM KORROSIONSBESTÄNDIGKEIT VON 1000 H / ОЦИНКОВОННОЕ ПОКРЫТИЕ С МИНИМАЛЬНОЙ КОРРОЗИОСТОЙКОСТИ 1000 H / GALVANICKY ZINKOVÁNO S MINIMÁLNÍ ODOLNOST PROTI KOROZI ČINÍ 1000 H
EZ	ACERO ELECTROZINCADO / ELECTROZINC COATING / ACIER ELECTROZINGUÉ / AÇO ELECTROZINCADO / ELEKTROGALVANIKUS BEVONAT / STAHL ELEKTROLYTISCH VERZINKT / ОЦИНКОВОННОЕ ПОКРЫТИЕ / GALVANICKY ZINKOVÁNO
i301	ACERO INOXIDABLE AISI 301 / STAINLESS STEEL AISI 301 / ACIER INOXIDABLE AISI 301 / AÇO INOXIDÁVEL AISI 301 / ROZSDAMENTES INOX 301 / EDELSTAHL AISI 301 / НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 301 / NEREZOVÁ OCEL AISI 301
i304	ACERO INOXIDABLE AISI 304 / STAINLESS STEEL AISI 304 / ACIER INOXIDABLE AISI 304 / AÇO INOXIDÁVEL AISI 304 / ROZSDAMENTES INOX 304 / EDELSTAHL AISI 304 / НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 304 / NEREZOVÁ OCEL AISI 304
i316	ACERO INOXIDABLE AISI 316 / STAINLESS STEEL AISI 316 / ACIER INOXIDABLE AISI 316 / AÇO INOXIDÁVEL AISI 316 / ROZSDAMENTES INOX 316 / EDELSTAHL AISI 316 / НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 316 / NEREZOVÁ OCEL AISI 316
AL	ALUMINIO SEMIDURO / SEMI-RIGID ALUMINIUM / ALUMINIUM DEMI-DUR / ALLUMINIO SEMI-RIGIDO / ALUMÍNIO SEMIDURO / FÉLKEMÉNY ALUMINIUM / HALBSTARRER ALUMIUM / ПОЛУЖЕСТКИЙ АЛЮМИНИЙ / HLINÍKOVÉ PROVEDENÍ
GSP	ACERO GALVANIZADO SENDZIMIR + PINTURA-POLYESTER / PRE-GALVANISED STEEL + /POLYESTHER PAINTING / ACIER GALVANISÉ SENDZIMIR+ PEINTURE POLYESTER / ACCIAIO GALVANIZZATO SENDZIMIR + VERNICIATURA POLIESTERE / AÇO GALVANIZADO SENDZIMIR + PINTURA POLYESTER / SZALAGHORGANYZOTT ACÉL+ BEVONAT / STAHL SENDZIMIR VERZINKT + POLYESTER FARBE / ПРЕДВАРИТЕЛЬНО ГАЛЬВАНИЗИРОВАННАЯ СТАЛЬ + ПОКРЫТИЕ СМОЛА/ПОЛИЭСТР / POZINKOVANÁ OCEL + POLYESTEROVÁ BARVA
PVCM1	POLIMERO TERMOPLÁSTICO PVCM1 / THERMOPLASTIC POLYMER PVCM1 / POLYMÈRE THERMOPLASTIQUE PVCM1 / POLÍMERO TERMOPLÁSTICO PVCM1 / POLIMER PVCM1 UV / THERMOPLASTISCHES POLYMER PVCM1 / ПВХМ1 ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР / TERMOPLASTICKÝ POLYMER PVCM1
UVM1	POLIMERO TERMOPLÁSTICO PVCM1 RESISTENTE RADIACIÓN UV / THERMOPLASTIC POLYMER PVCM1 UV RESISTENT RADIATION / POLYMÈRE THERMOPLASTIQUE PVCM1 UV RÉSISTANT À LA RADIATION / POLÍMERO TERMOPLÁSTICO PVCM1 RADIAZIONE RESISTENT UV / POLIMER PVCM1 UV RADIAÇÃO RESISTENTE / THERMOPLASTISCHES POLYMER / PVC STRAHLUNGSBESTÄNDIG / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР ПВХ SUGÁRZÁSNAK ELLENÁLLÓ / TERMOPLASTICKÝ POLYMER PVCM1 ZÁŘENÍ ODOLNÝ UV
PVC7035	POLIMERO TERMOPLÁSTICO PVC / THERMOPLASTIC POLYMER PVC / POLYMÈRE THERMOPLASTIQUE PVC / POLÍMERO TERMOPLÁSTICO PVC / POLIMER PVC / THERMOPLASTISCHES POLYMER PVC / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР ПВХ / TERMOPLASTICKÝ POLYMER PVC
RLH7035 LH7035	POLIMERO TERMOPLÁSTICO LIBRE DE HALOGENOS / THERMOPLASTIC HALOGEN FREE POLYMER / POLYMÈRE THERMOPLASTIQUE SANS HALOGÈNE / POLÍMERO TERMOPLÁSTICO LIVRE DE HALOGÉNEOS / POLIMER HALOGÉNMENTES MŰANYAG / THERMOPLASTISCHES POLYMER HALOGENFREI RLH 7035 / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР, НЕ СОДЕРЖАЩИЙ ГАЛОГЕН / BEZHALOGENOVÝ TERMOPLASTICKÝ POLYMER PVC
CLH7035	POLIMERO TERMOPLÁSTICO LIBRE DE HALOGENOS CURVABLE CON APLICACIÓN DE CALOR CLH7035 / THERMOPLASTIC POLYMER/ BENDABLE WITH HEAT CLH7035 / POLYMÈRE THERMOPLASTIQUE SANS HALOGÈNE DÉFORMABLE À CHAUD / POLÍMERO TERMOPLÁSTICO LIVRE DE HALOGÉNEOS CURVÁVEL COM APLICAÇÃO DE CALOR CLH7035 / HALOGÉNMENTES MELEGEN HAJLÍTHATÓ / HALOGENFREIES BIEGBARES THERMOPLASTISCHES POLYMER MIT WÄRMEBEHANDLUNG CHL7035 / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР CLH7035, СГИБАЕМЫЙ ПРИ ПОМОЩИ ТЕПЛА / BEZHALOGENOVÝ TERMOPLASTICKÝ POLYMER, TEPELNĚ OHEBNÝ CLH7035
PE	POLIMERO TERMOPLÁSTICO PE / THERMOPLASTIC POLYMER PE / POLYMÈRE THERMOPLASTIQUE PE / POLÍMERO TERMOPLÁSTICO PE / POLIMER PE / THERMOPLASTISCHES POLYMER PE / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР PE / TERMOPLASTICKÝ POLYMER PE
PAFV	POLIAMIDA REFORZADA CON FIBRA DE VIDRIO / POLYAMIDE REINFORCED WITH FIBERGLASS / POLYAMIDE AVEC FIBRE DE VERRE RENFORCÉE / POLIAMMIDE CON VETRORESINA RINFORZATA / POLIAMIDA COM FIBRA DE VIDRO REFORÇADA / POLIAMID AZ ÜVEGSZÁL ERŐSÍTÉSŰ / POLYAMID MIT VERSTÄRKTEM FIBERGLAS / ПОКРЫТИЕ С АРМИРОВАННОГО СТЕКЛОПЛАСТИКА / POLYAMID MÁ VYZTUŽENÉ SKELNÝMI VLÁKNY
PA6	POLIAMIDA PA6 / POLYAMIDE PA6 / POLYAMIDE PA6 / POLIAMMIDE PA6 / POLIAMIDA PA6 / POLIAMID PA6 / POLYAMID PA6 / ПОЛИАМИД PA6 / POLYAMID PA6
PRFV	POLIESTER REFORZADO CON FIBRA DE VIDRIO / POLYESTER REINFORCED WITH FIBERGLASS / POLYESTHER AVEC FIBRE DE VERRE RENFORCÉE / POLIESTERE CON VETRORESINA RINFORZATA / POLYESTER COM FIBRA DE VIDRO REFORÇADA / POLYESTER AZ ÜVEGSZÁL ERŐSÍTÉSŰ / POLYESTER MIT VERSTÄRKTEM FIBERGLAS / ПОКРЫТИЕ С АРМИРОВАННОГО СТЕКЛОПЛАСТИКА / POLYESTEROVÁ MÁ VYZTUŽENÉ SKELNÝMI VLÁKNY
LTN	LATÓN / BRASS / BRASS / OTTONE / BRONZE / BRASS / BRASS / ЛАТУНЬ / MOSAZ

NOTA: LOS ICONOS QUE SIENDO IGUALES CAMBIAN DE COLOR SIMPLEMENTE ES POR AJUSTARSE ESTÉTICAMENTE AL COLOR DE SU FAMILIA
NOTE: ICONS CHANGE COLOR TO ADAPT TO THE PRODUCT FAMILIE'S COLOR CODE THEY REFER TO
REMARQUE: LES SYMBOLES PEUVENT CHANGER DE COULEUR SELON LEUR FAMILLE DE PRODUIT MAIS LEUR SIGNIFICATION EST LA MÊME
NOTA:LE ICONE POTREBBERO CAMBIARE IL LORO COLORE PER ADATTARSI ESTETICAMENTE AL COLORE DELLA LORO FAMIGLIA
NOTA: OS ICONES MUDAM DE CÔR/ APENAS PARA SE AJUSTAREM Á CÔR DA FAMILIA CORRESPONDENTE
MEGJEGYZÉS:A KÜLÖNBÖZŐ SZÍNŰ ÁBRÁK CSAK AZ ESZTÉTIKUS MEGJELENÉST ERDMÉNYEZIK
ANMERKUNG: DIE IKONE WECHSELN DIE FARBE UM SICH DER FAMILIENGRUPPE ANZUPASSEN
ВНИМАНИЕ: ЦВЕТ ИКОНОК МЕНЯЕТСЯ В СООТВЕТСТВИИ С ЦВЕТОВЫМ КОДОМ СЕРИИ, К КОТОРОЙ ОТНОСИТСЯ ТОВАР
POZNÁMKA: IKONY SE MOHOU LIŠIT BARVOU MEZI KAPITOLAMI, ALE JEJICH VÝZNAM JE STÁLE STEJNÝ.





basortray

ERE50 ..... P. 04

ER2E ..... P. 08

ERE ..... P. 10

MRE ..... P. 14

FRE ..... P. 16

BS ..... P. 32

U ..... P. 42

OME ..... P. 46

U AL ..... P. 54

EB ..... P. 62



CERTIFIED
SAFETY US·CA
E358301

IEC

L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150°C
-50°C
UNE-EN 61537

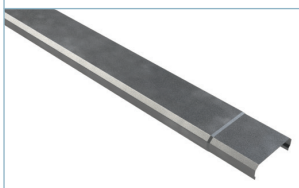
120°C
-25°C
UNE-EN 50085

3 5
UNE-EN 61537

20J
UNE-EN 61537

IP3X IP2X
IEC 60529

IK10 IK07
IEC 50102

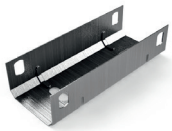

TERE 50


PTER 50X50

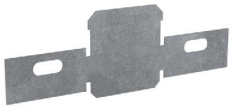

CPER 50X50


CCER 50X50


CXER 50X50


JUER 50X50


JUERP 50


REER 50X50

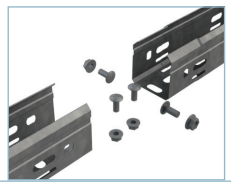

B1

		Filling Area	
B		H50 (2")	
mm	inch	cm²	in²
50	2	**24**	3,7

ERE 50X50

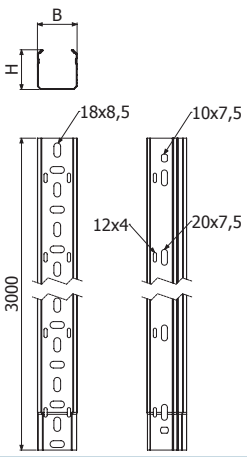


L = 3 m (10 ft)

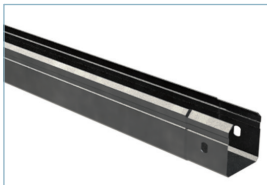


	B		H		GS		GC		i304	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
ERE 50X50	50	2"	50	2"	210181	0,65	210182	0,83	205413	0,84

4/100 x B1 (204356 - GS // 206826 - GC).



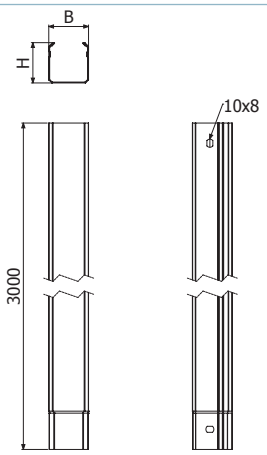
ERE-C 50X50



L = 3 m (10 ft)

	B		H		GS		GC		i304	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
ERE-C 50X50	50	2"	50	2"	210183	0,69	210184	0,87	204932	0,88

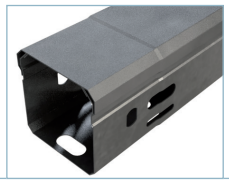
2/100 x B1 (204356 - GS // 206826 - GC).



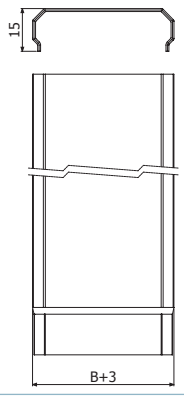
TERE 50



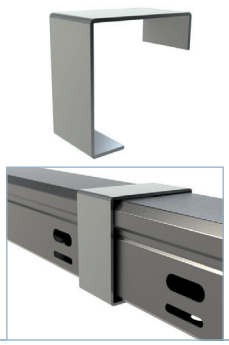
L = 3 m (10 ft)



	B		GS		GC		i304	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
TERE 50	50	2"	210282	0,33	210283	0,43	204934	0,44



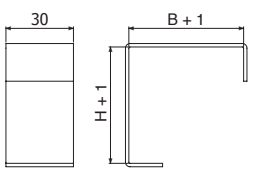
PTER 50X50



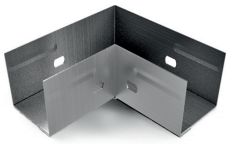
	B		H		i304	
	mm	inch	mm	inch	REF.	kg/ud
PTER 50X50	50	2"	50	2"	208234	0,05

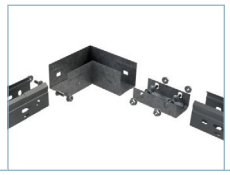
IK10

2 x PTER 50X50 => 1 x TERE 50



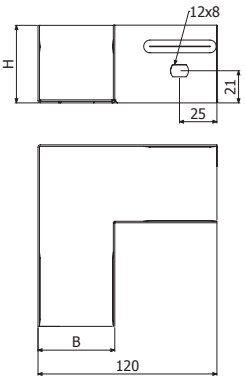
CPER 50X50



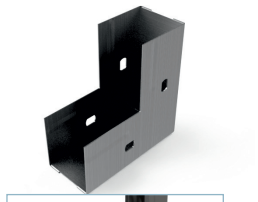


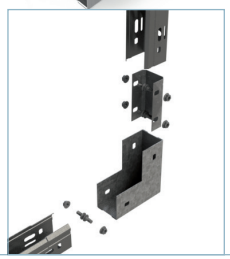
	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/m
CPER 50x50	50	2"	50	2"	203235	0,26	206950	0,29

1 x JUER 50X50 (202051 - GS // 202056 - GC)



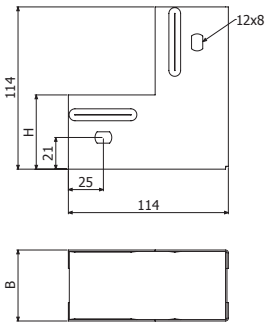
CCER 50X50





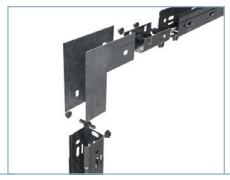
	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/m
CCER 50x50	50	2"	50	2"	203236	0,27	206952	0,31

1 x JUER 50X50 (202051 - GS // 202056 - GC)



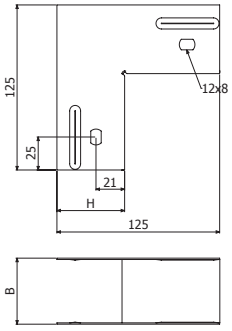
CXER 50X50



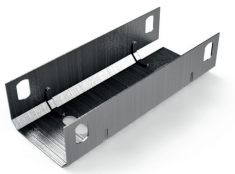


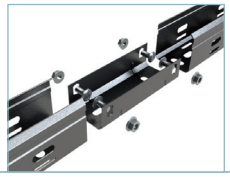
	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/m
CXER 50x50	50	2"	50	2"	203238	0,24	206951	0,30

1 x JUER 50X50 (202051 - GS // 202056 - GC)



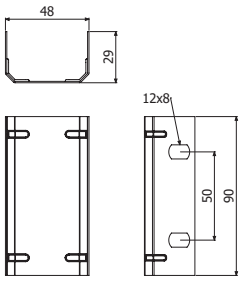
JUER 50X50





	B		GS		GC	
	mm	inch	REF.	kg/ud	REF.	kg/ud
JUER 50X50	50	2"	202051	0,09	202056	0,10

4/100 x B1 (204356 - EZ // 206826 - GC)

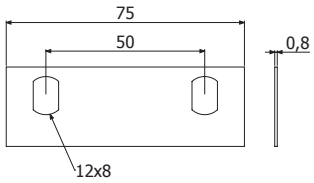


JUERP 50

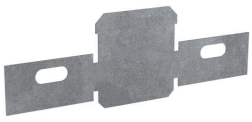


	GS		GC	
	REF.	kg/ud	REF.	kg/ud
JUERP 50	208825	0,03	208826	0,03

2/100 x B1 (204356 GS // 206826 GC)



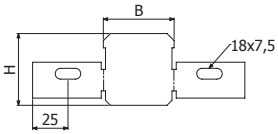
REER 50X50





	B		B		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud
REER 50X50	50	2"	50	2"	217267	0,06	217268	0,06

2/100 x B1 (204356 - GS // 206826 - GC)

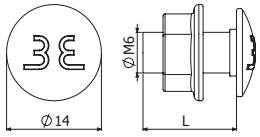


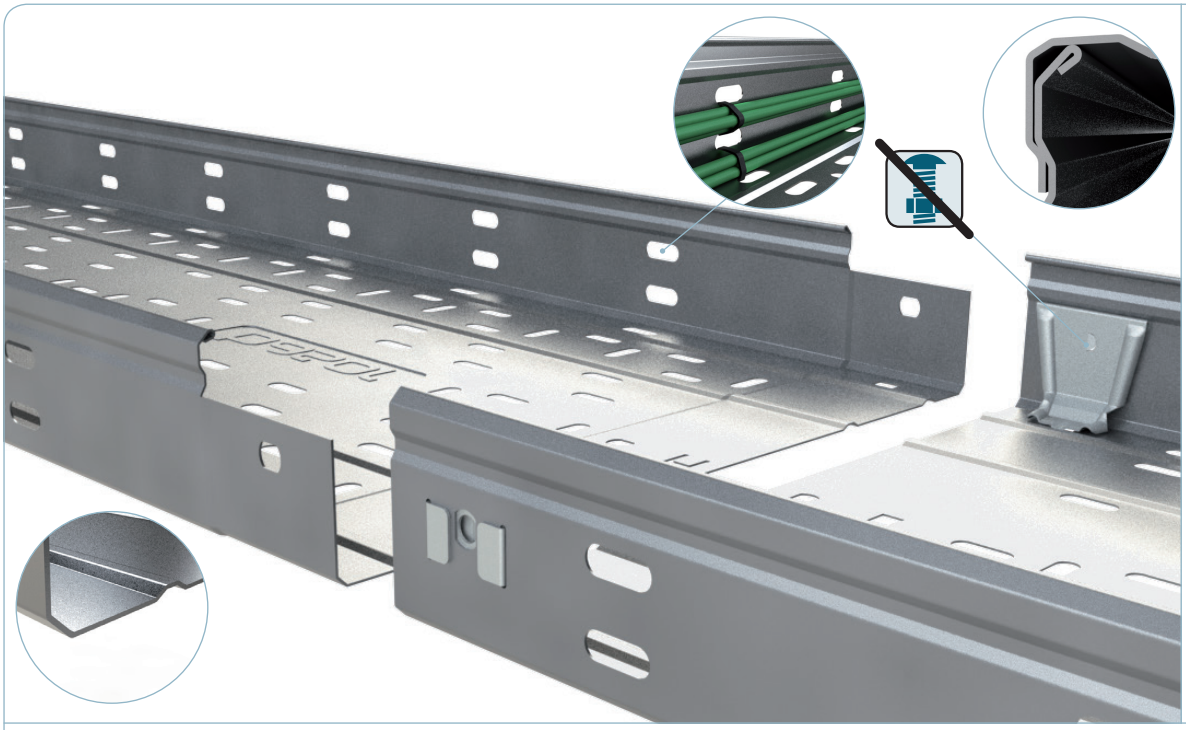
B1



	L	Pap	EZ		GC		i304	
	mm	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	204356	0,77	206826	0,80	-	-
B1-100	20	6	-	-	-	-	204925	0,79

10









L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150°C
-50°C
UNE-EN 61537

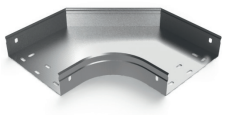
120°C
-25°C
UNE-EN 50085

3
UNE-EN 61537

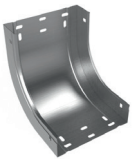
20J
UNE-EN 61537

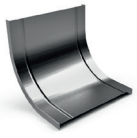
IP23
IEC 60529

IK10
IK07
IEC 50102

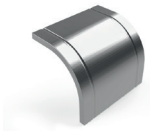

CPERC

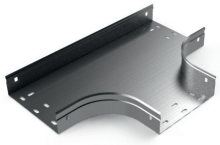

TCPERC

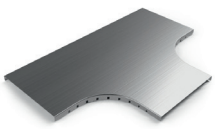

CCERC

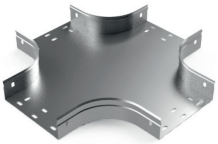

TCCERC

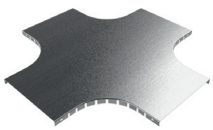

CXERC

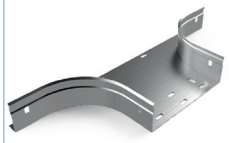

TCXERC


TERC

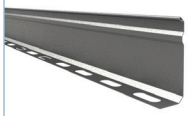

TTERC


CRERC


TCRERC


AS

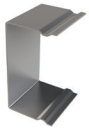

TAS

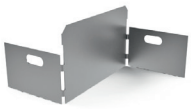

PS


JUER-A


JUER-B

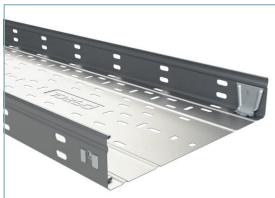

JUER-U


PTERE


REER

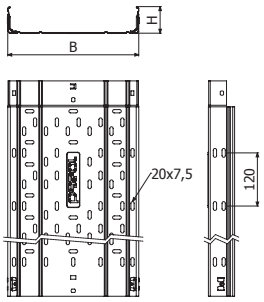
		Filling Area	
B		H60 (2 3/8")	
mm	inch	cm²	in²
100	4"	59	9,1
150	6"	89	13,7
200	8"	119	18,4
300	12"	178	27,5
400	16"	238	36,8
500	20"	298	46,1
600	24"	358	55,4

ER2E H60

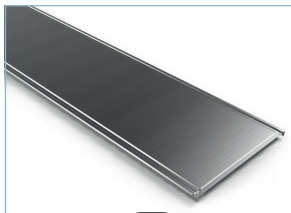


L = 3 m (10 ft)

	B		H		GS	
	mm	inch	mm	inch	REF.	kg/m
ER2E 100X60	100	4"	60	2 3/8"	210233	0,91
ER2E 150X60	150	6"	60	2 3/8"	210234	1,10
ER2E 200X60	200	8"	60	2 3/8"	210235	1,40
ER2E 300X60	300	12"	60	2 3/8"	210236	2,16
ER2E 400X60	400	16"	60	2 3/8"	210237	2,86
ER2E 500X60	500	20"	60	2 3/8"	210238	3,38
ER2E 600X60	600	24"	60	2 3/8"	210239	3,91

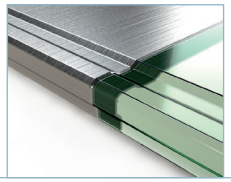


TERE

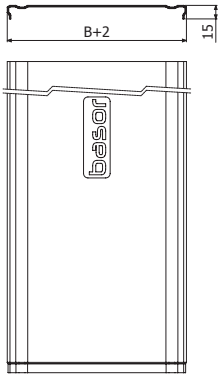


L = 3 m (10 ft)

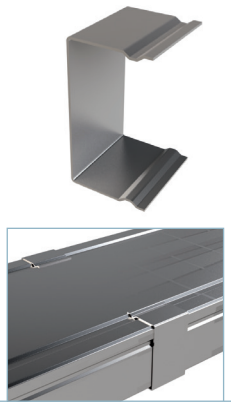
400/500/600 - L = 2 m (6,56 ft)



	B		GS	
	mm	inch	REF.	kg/m
TERE 100	100	4"	201312	0,55
TERE 150	150	6"	201313	0,76
TERE 200	200	8"	201314	0,98
TERE 300	300	12"	201316	1,55
TERE 400 2M	400	16"	201317	2,37
TERE 500 2M	500	20"	201318	3,33
TERE 600 2M	600	24"	201319	3,95



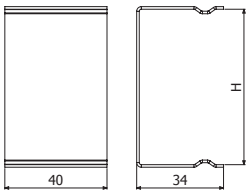
PTERE



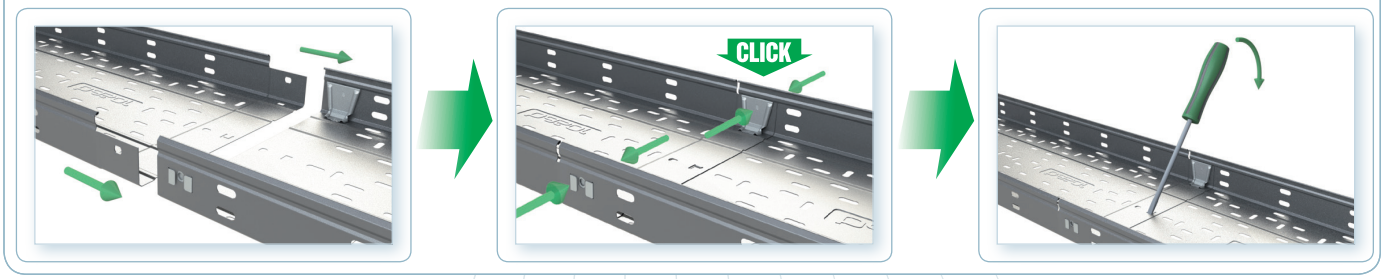
	H		i304	
	mm	inch	REF.	kg/ud
PTERE 35	35	1 3/8"	207059	0,05
PTERE 60	60	2 3/8"	207060	0,05
PTERE 80	80	3 1/7"	207061	0,06
PTERE 100	100	4"	207062	0,06

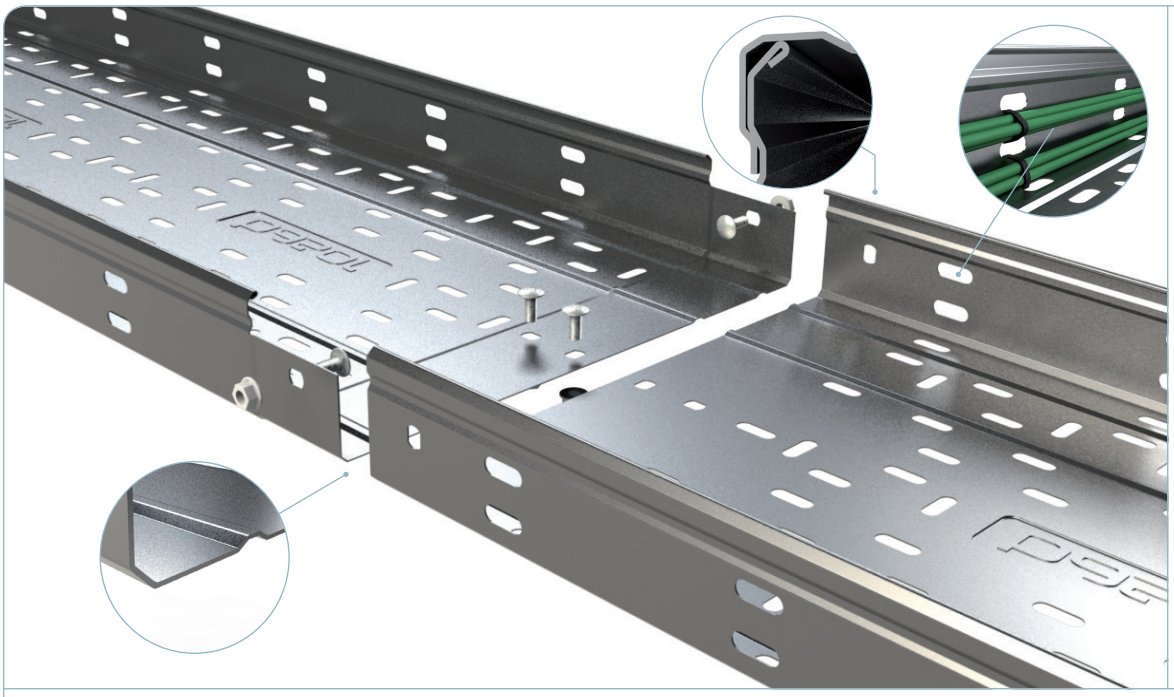
IK10

4 x PTERE => 1 x TERE



6 s!





L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150°C
-50°C
UNE-EN 61537

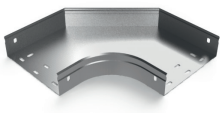
120°C
-25°C
UNE-EN 50085

3 5
9A
UNE-EN 61537

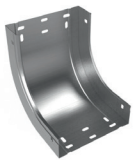
20J
UNE-EN 61537

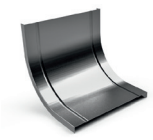
IP44 IP23
IEC 60529

IK10 IK07
IEC 50102

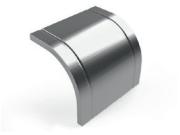

CPERC

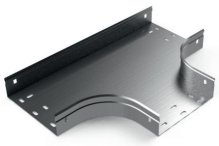

TCPERC

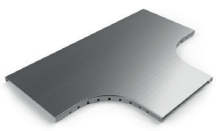

CCERC

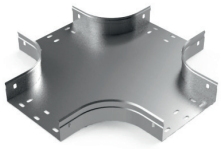

TCCERC

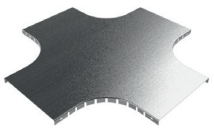

CXERC

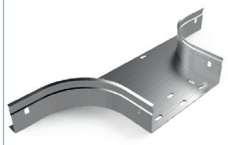

TCXERC


TERC

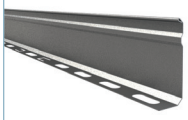

TTERC


CRERC


TCRERC


AS


TAS

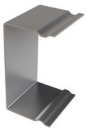

PS

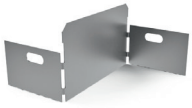

N ACIT


JUER-A


JUER-B


JUER-U


PTERE


REER

Filling Area

B		H35 (1 3/8")		H60 (2 3/8")		H80 (3 1/7")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4"	34	5,2	59	9,1	78	12,0	98	15,1
150	6"	51	7,9	89	13,7	118	18,2	148	22,9
200	8"	69	10,6	119	18,4	158	24,4	198	30,6
300	12"	103	15,9	178	27,5	238	36,8	298	46,1
400	16"	-	-	238	36,8	317	49,1	397	61,5
500	20"	-	-	298	46,1	397	61,5	497	77,0
600	24"	-	-	358	55,4	477	73,9	597	92,5

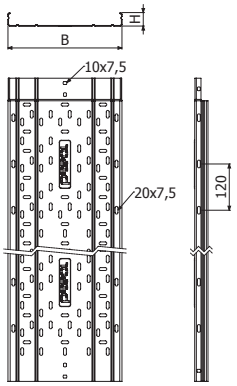
ERE H35



L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE 100X35	100	4"	35	1 3/8"	201192	0,74	201222	0,98		
ERE 150X35	150	6"	35	1 3/8"	201193	0,95	201223	1,42		
ERE 200X35	200	8"	35	1 3/8"	201194	1,12	201224	1,67		
ERE 300X35	300	12"	35	1 3/8"	201195	1,64	201225	2,24		

4/100 x B1 - (204356-EZ // 206826-GC // 204925-i304)



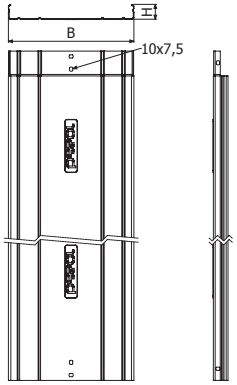
ERE-C H35



L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE-C 100X35	100	4"	35	1 3/8"	201252	0,76	201282	1,01		
ERE-C 150X35	150	6"	35	1 3/8"	201253	0,98	201283	1,46		
ERE-C 200X35	200	8"	35	1 3/8"	201254	1,20	201284	1,78		
ERE-C 300X35	300	12"	35	1 3/8"	201255	1,77	201285	2,42		

4/100 x B1 - (204356-EZ // 206826-GC // 204925-i304)



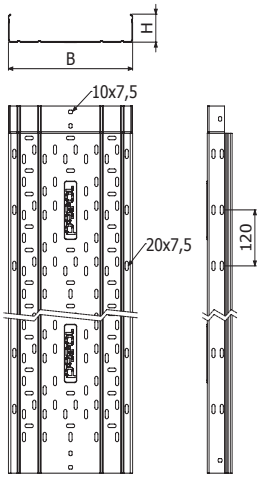
ERE H60



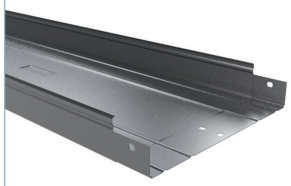
L = 3 m (10 ft)

	B		H		GS		GC		i304		i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	
ERE 100X60	100	4"	60	2 3/8"	201197	0,90	201227	1,25	204795	1,25	
ERE 150X60	150	6"	60	2 3/8"	201198	1,10	201228	1,35	204319	1,53	
ERE 200X60	200	8"	60	2 3/8"	201199	1,40	201229	1,99	204688	1,80	
ERE 300X60	300	12"	60	2 3/8"	201201	2,22	201231	2,56	204317	2,69	
ERE 400X60	400	16"	60	2 3/8"	201202	2,86	201232	3,54	204933	3,37	
ERE 500X60	500	20"	60	2 3/8"	201203	3,38	201233	4,19	205030	4,05	
ERE 600X60	600	24"	60	2 3/8"	201204	3,91	201234	4,83	204373	4,65	

4/100 x B1 - (204356-EZ // 206826-GC // 204925 - i304)



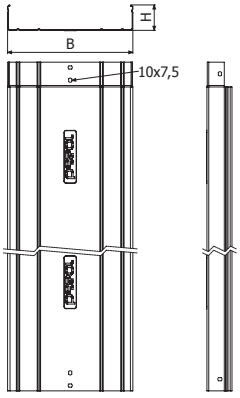
ERE-C H60



L = 3 m (10 ft)

	B		H		GS		GC		i304		i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	
ERE-C 100X60	100	4”	60	2 3/8”	201257	0,98	201287	1,46	204907	0,92	
ERE-C 150X60	150	6”	60	2 3/8”	201258	1,20	201288	1,78	205028	1,13	
ERE-C 200X60	200	8”	60	2 3/8”	201259	1,54	201289	2,10	205029	2,11	
ERE-C 300X60	300	12”	60	2 3/8”	201261	2,18	201291	2,75	204306	3,37	
ERE-C 400X60	400	16”	60	2 3/8”	201262	3,10	201292	3,84	205196	3,65	
ERE-C 500X60	500	20”	60	2 3/8”	201263	3,69	201293	4,57	218555	4,05	
ERE-C 600X60	600	24”	60	2 3/8”	201264	4,28	201294	5,30	205197	4,65	

4/100 x B1 - (204356 - EZ // 206826 - GC // 204925 - i304)



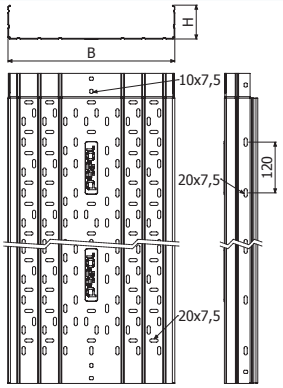
ERE H80



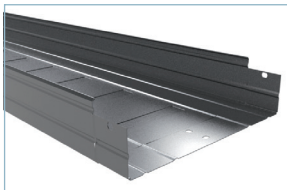
L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE 100X80	100	4”	80	3 1/7”	201205	1,12	201235	1,68		
ERE 150X80	150	6”	80	3 1/7”	201206	1,34	201236	2,00		
ERE 200X80	200	8”	80	3 1/7”	201207	1,64	201237	2,24		
ERE 300X80	300	12”	80	3 1/7”	201209	2,23	201239	3,19		
ERE 400X80	400	16”	80	3 1/7”	201210	3,10	201240	3,83		
ERE 500X80	500	20”	80	3 1/7”	201211	3,86	201241	5,50		
ERE 600X80	600	24”	80	3 1/7”	201212	5,52	201242	6,29		

4/100 x B1 - (204356 - EZ // 206826 - GC // 204925 - i304)



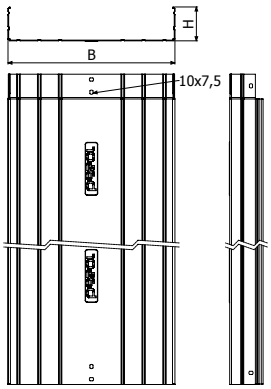
ERE-C H80



L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE-C 100X80	100	4”	80	3 1/7”	201265	1,15	201295	1,72		
ERE-C 150X80	150	6”	80	3 1/7”	201266	1,37	201296	2,03		
ERE-C 200X80	200	8”	80	3 1/7”	201267	1,73	201297	2,36		
ERE-C 300X80	300	12”	80	3 1/7”	201269	2,38	201299	3,40		
ERE-C 400X80	400	16”	80	3 1/7”	201270	3,34	201300	4,13		
ERE-C 500X80	500	20”	80	3 1/7”	201271	4,19	201301	5,97		
ERE-C 600X80	600	24”	80	3 1/7”	201272	6,02	201302	6,86		

4/100 x B1 - (204356 - EZ // 206826 - GC // 204925 - i304)



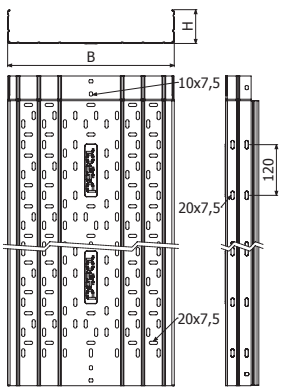
ERE H100



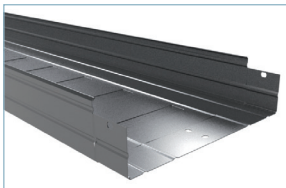
L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE 100X100	100	4”	100	4”	201213	1,30	201243	1,93		
ERE 150X100	150	6”	100	4”	201214	1,51	201244	2,25		
ERE 200X100	200	8”	100	4”	201215	1,83	201245	2,50		
ERE 300X100	300	12”	100	4”	201217	2,44	201247	3,48		
ERE 400X100	400	16”	100	4”	201218	3,64	201248	4,12		
ERE 500X100	500	20”	100	4”	201219	4,20	201249	4,75		
ERE 600X100	600	24”	100	4”	201220	4,76	201250	5,38		

4/100 x B1 - (204356 - EZ // 206826 - GC // 204925 - i304)



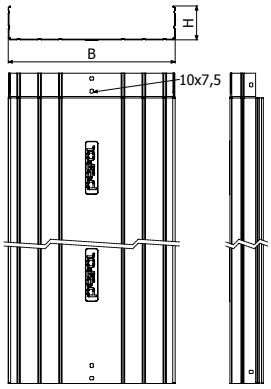
ERE-C H100



L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE-C 100X100	100	4"	100	4"	201273	1,33	201303	1,97		
ERE-C 150X100	150	6"	100	4"	201274	1,54	201304	2,30		
ERE-C 200X100	200	8"	100	4"	201275	1,92	201305	2,62		
ERE-C 300X100	300	12"	100	4"	201277	2,79	201307	3,69		
ERE-C 400X100	400	16"	100	4"	201278	3,81	201308	4,30		
ERE-C 500X100	500	20"	100	4"	201279	4,44	201309	5,02		
ERE-C 600X100	600	24"	100	4"	201280	5,07	201310	5,73		

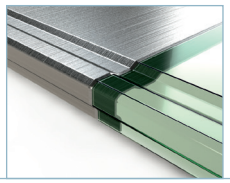
4/100 x B1 - (204356 - EZ // 206826 - GC // 204925 - i304)



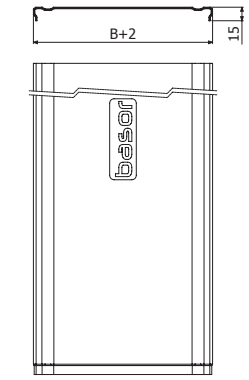
TERE



L = 3 m (10 ft)
100/150/200/300

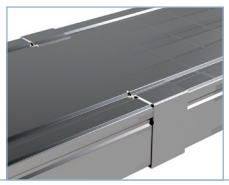


	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TERE 100	100	4"	201312	0,55	201321	0,82	204560	0,71	218154	0,81
TERE 150	150	6"	201313	0,76	201322	1,05	205123	0,99	218155	1,13
TERE 200	200	8"	201314	0,98	201323	1,25	204561	1,27	218156	1,45
TERE 300	300	12"	201316	1,55	201325	1,83	204716	2,09	218157	2,09
TERE 400 2M	400	16"	201317	2,37	201326	2,75	-	-	-	-
TERE 500 2M	500	20"	201318	3,33	201327	3,77	-	-	-	-
TERE 600 2M	600	24"	201319	3,95	201328	4,46	-	-	-	-
TERE 400 3M	400	16"	-	-	-	-	204931	2,73	218158	2,73
TERE 500 3M	500	20"	-	-	-	-	204562	3,37	218159	3,37
TERE 600 3M	600	24"	-	-	-	-	205357	4,01	218160	4,01



PTERE

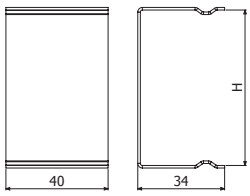


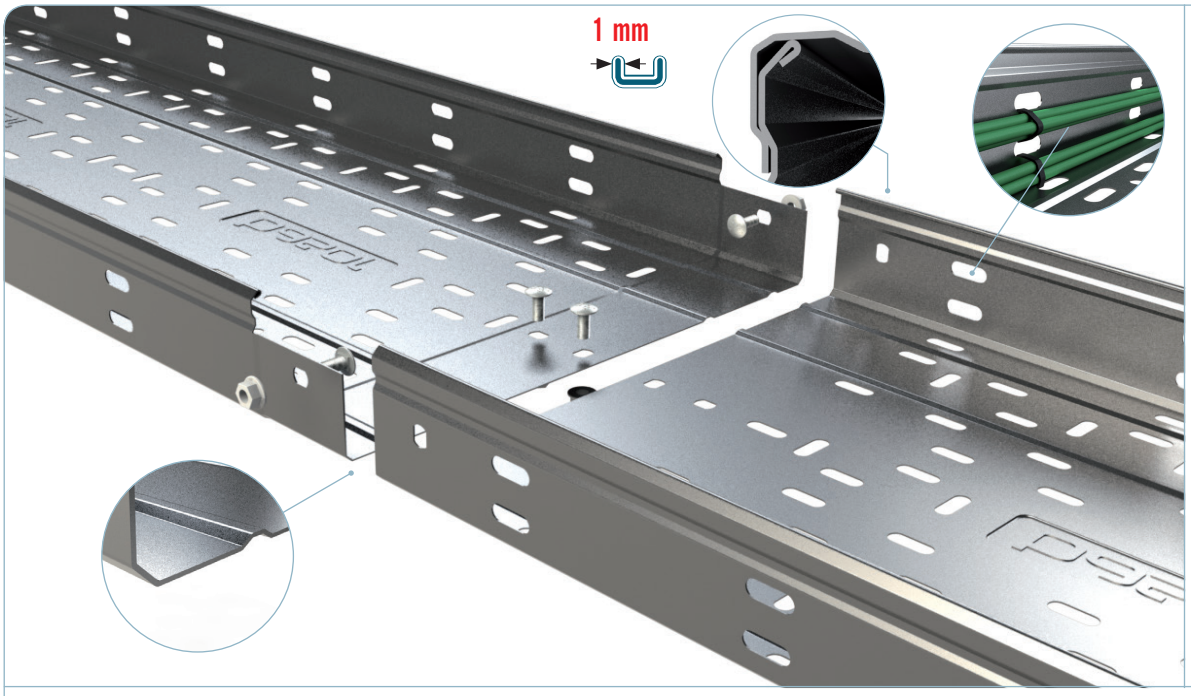


	H		i304		i316
	mm	inch	REF.	kg/ud	
PTERE 35	35	1 3/8"	207059	0,05	
PTERE 60	60	2 3/8"	207060	0,05	
PTERE 80	80	3 1/7"	207061	0,06	
PTERE 100	100	4"	207062	0,06	

IK10

4 x PTERE => 1 x TERE





L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150°C
-50°C
UNE-EN 61537

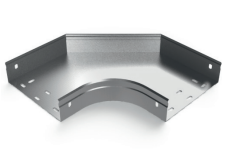
120°C
-25°C
UNE-EN 50085

3 5
9A
UNE-EN 61537

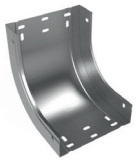
20J
UNE-EN 61537

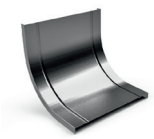
IP44
IP23
IEC 60529

IK10
IK07
IEC 50102

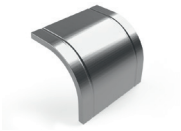

CPERC

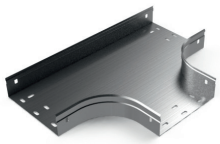

TCPERC

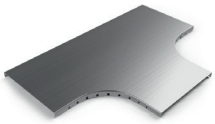

CCERC

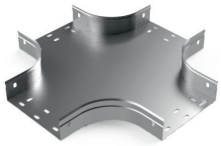

TCCERC

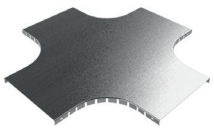

CXERC

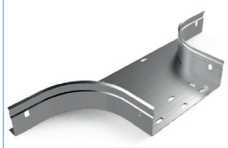

TCXERC


TERC

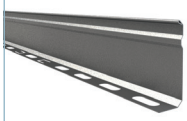

TTERC


CRERC


TCRERC


AS


TAS

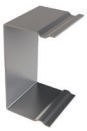

PS

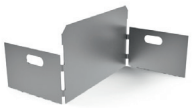

N ACIT


JUER-A


JUER-B


JUER-U


PTERE


REER

		Filling Area					
B		H60 (2 3/8")		H80 (3 1/7")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
100	4"	59	9,1	78	12,0	98	15,1
150	6"	89	13,7	118	18,2	148	22,9
200	8"	119	18,4	158	24,4	198	30,6
300	12"	178	27,5	238	36,8	298	46,1
400	16"	238	36,8	317	49,1	397	61,5
500	20"	298	46,1	397	61,5	497	77,0
600	24"	358	55,4	477	73,9	597	92,5

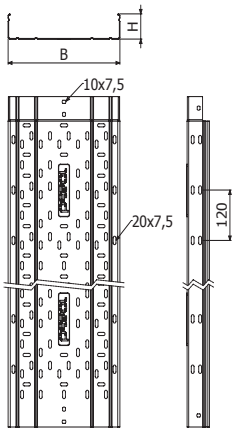
MRE H60



L = 3 m (10 ft)

	B		H		e	GS		GC		i304	i316
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m		
MRE 100X60	100	4”	60	2 3/8”	1	207273	1,79	207517	1,82		
MRE 150X60	150	6”	60	2 3/8”	1	207274	2,18	207518	2,22		
MRE 200X60	200	8”	60	2 3/8”	1	207275	2,57	207519	2,62		
MRE 300X60	300	12”	60	2 3/8”	1	207276	3,35	207520	3,42		
MRE 400X60	400	16”	60	2 3/8”	1	207277	4,14	207521	4,22		
MRE 500X60	500	20”	60	2 3/8”	1	207278	4,93	207522	5,02		
MRE 600X60	600	24”	60	2 3/8”	1	207279	5,70	207523	5,82		

4/100 x B1 (204356 - EZ // 206826 - GC // 204925 - i304).



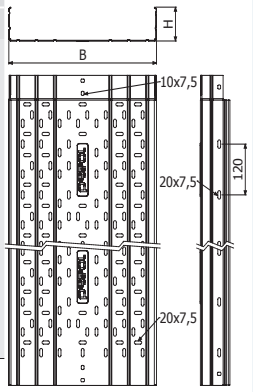
MRE H80



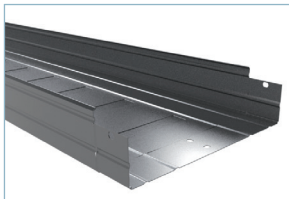
L = 3 m (10 ft)

	B		H		e	GS		GC		i304		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
MRE 100X80Xe	100	4”	80	3 1/7”	0,7	217809	1,48	218594	1,74	217830	1,48	0,8	218140	1,69
MRE 100X80	100	4”	80	3 1/7”	1	208760	2,14	218595	2,04	218600	1,78	1	218601	1,78
MRE 150X80Xe	150	6”	80	3 1/7”	0,7	217810	1,71	218596	2,01	217831	1,71	0,8	218141	1,95
MRE 150X80	150	6”	80	3 1/7”	1	208761	2,54	218597	2,48	217596	2,17	1	218602	2,17
MRE 200X80X0,8	200	8”	80	3 1/7”	0,8	217811	2,27	218598	2,64	217832	2,27	0,8	218142	2,27
MRE 200X80	200	8”	80	3 1/7”	1	208762	2,94	218599	2,93	217597	2,57	1	218603	2,57
MRE 300X80	300	12”	80	3 1/7”	1	208763	3,74	210033	4,11	217833	3,51	1	218143	3,51
MRE 400X80	400	16”	80	3 1/7”	1	208764	4,54	210034	4,99	217834	4,32	1	218144	4,32
MRE 500X80	500	20”	80	3 1/7”	1	208765	5,34	210035	5,87	217835	5,04	1	218145	5,04
MRE 600X80	600	24”	80	3 1/7”	1	208766	6,14	210036	6,85	217836	5,75	1	218146	5,75

4/100 x B1 (204356 - EZ // 206826 - GC // 204925 - i304 // 218388-i316)



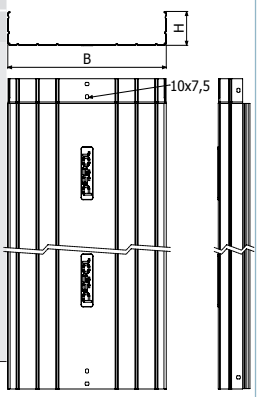
MRE-C H80



L = 3 m (10 ft)

	B		H		e	GS		GC		i304		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
MRE-C 100X80Xe	100	4”	80	3 1/7”	0,7	217812	1,51	218605	1,77	217837	1,51	0,8	218147	1,73
MRE-C 100X80	100	4”	80	3 1/7”	1	208770	1,78	218606	2,09	218611	1,78	1	218614	1,78
MRE-C 150X80Xe	150	6”	80	3 1/7”	0,7	217813	1,78	218607	2,09	217838	1,78	0,8	218148	2,03
MRE-C 150X80	150	6”	80	3 1/7”	1	208771	2,17	218608	2,48	218612	2,17	1	218615	2,17
MRE-C 200X80X0,8	200	8”	80	3 1/7”	0,8	217814	2,27	218609	2,64	217839	2,36	0,8	218149	2,36
MRE-C 200X80	200	8”	80	3 1/7”	1	208772	2,57	218610	2,98	218613	2,57	1	218616	2,57
MRE-C 300X80	300	12”	80	3 1/7”	1	208773	3,79	210037	4,33	217840	3,79	1	218150	3,79
MRE-C 400X80	400	16”	80	3 1/7”	1	208774	4,61	210038	5,25	217841	4,61	1	218151	4,61
MRE-C 500X80	500	20”	80	3 1/7”	1	208775	5,41	210039	6,16	217842	5,41	1	218152	5,41
MRE-C 600X80	600	24”	80	3 1/7”	1	208776	6,19	210040	7,06	217843	6,19	1	218153	6,19

4/100 x B1 (204356 - EZ // 206826 - GC // 204925 - i304 // 218388-i316)



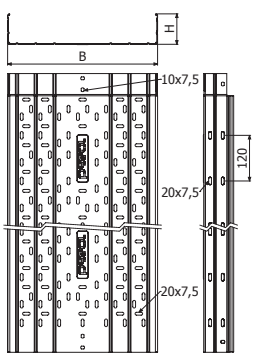
MRE H100

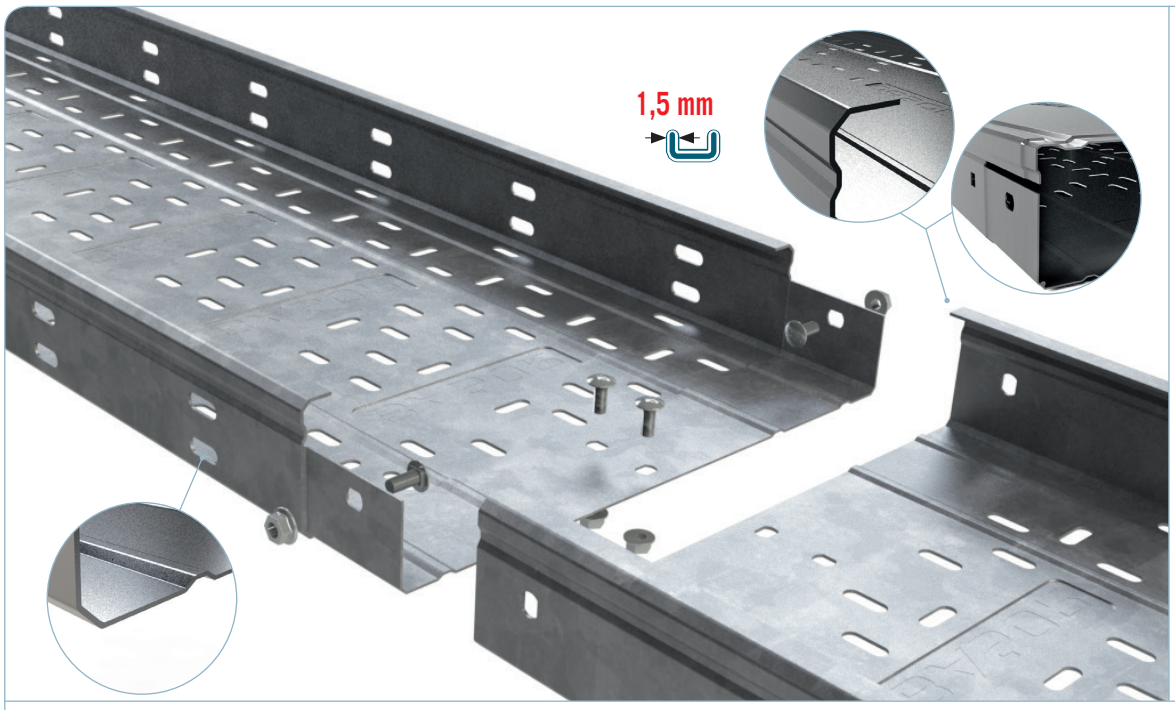


L = 3 m (10 ft)

	B		H		e	GS		GC		i304	i316
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m		
MRE 100X100	100	4”	100	4”	1	207408	2,37	218604	8,85		
MRE 150X100	150	6”	100	4”	1	207409	2,80	207524	2,86		
MRE 200X100	200	8”	100	4”	1	207410	3,20	207525	3,26		
MRE 300X100	300	12”	100	4”	1	207411	3,98	207526	4,06		
MRE 400X100	400	16”	100	4”	1	207412	4,77	207527	4,86		
MRE 500X100	500	20”	100	4”	1	207413	5,55	207528	5,66		
MRE 600X100	600	24”	100	4”	1	207414	6,34	207529	6,46		

4/100 x B1 (204356 - EZ // 206826 - GC // 204925 - i304).





P 3E basor 9800892

UL CERTIFIED SAFETY US·CA E358301

IEC

L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

150°C
-50°C
UNE-EN 61537

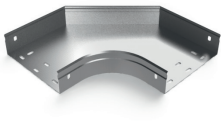
120°C
-25°C
UNE-EN 50085

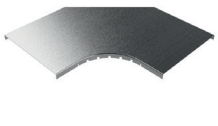
3 5
UNE-EN 61537

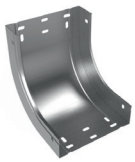
20J
UNE-EN 61537

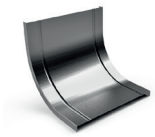
IP44 IP23
IEC 60529

IK10 IK07
IEC 50102

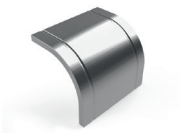

CPERC

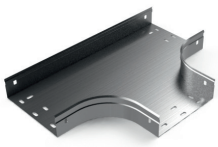

TCPERC

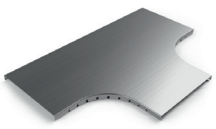

CCERC

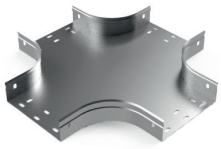

TCCERC

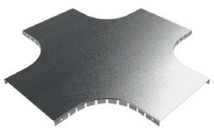

CXERC

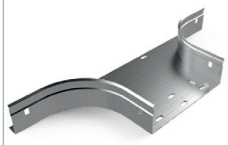

TCXERC


TERC

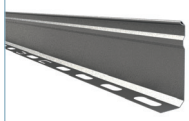

TTERC


CRERC


TCRERC


AS


TAS

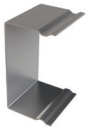

PS

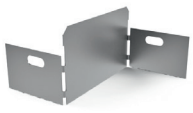

N ACIT


JUER-A


JUER-B


JUER-U


PTERE


REER

		Filling Area							
B		H35 (1 3/8")		H60 (2 3/8")		H80 (3 1/7")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4"	34	5,2	59	9,1	78	12,0	98	15,1
150	6"	51	7,9	89	13,7	118	18,2	148	22,9
200	8"	69	10,6	119	18,4	158	24,4	198	30,6
300	12"	103	15,9	178	27,5	238	36,8	298	46,1
400	16"	-	-	238	36,8	317	49,1	397	61,5
500	20"	-	-	298	46,1	397	61,5	497	77,0
600	24"	-	-	358	55,4	477	73,9	597	92,5

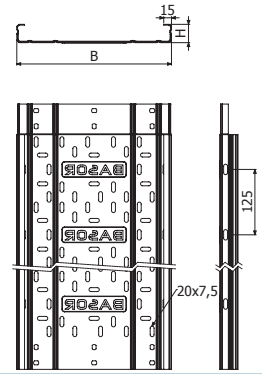
FRE H35



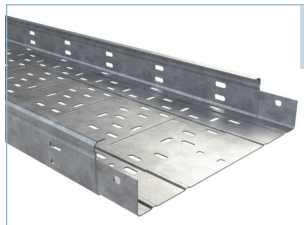
L = 3 m (10 ft)

	B		H		e	GS		GC	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m
FRE 100X35	100	4"	35	1 3/8"	1,5	200001	2,13	200051	2,29
FRE 150X35	150	6"	35	1 3/8"	1,5	200002	2,62	200052	2,81
FRE 200X35	200	8"	35	1 3/8"	1,5	200003	3,19	200053	3,42
FRE 300X35	300	12"	35	1 3/8"	1,5	200004	4,25	200054	4,56

4/100 x B1 (204356 - EZ // 206826 - GC // 204925 - i304).



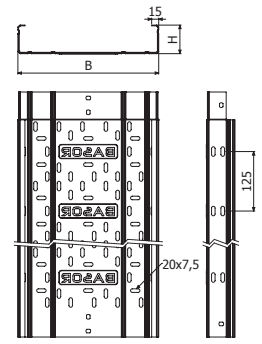
FRE H60



L = 3 m (10 ft)

	B		H		e	GS		GC	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m
FRE 100X60	100	4"	60	2 3/8"	1,5	200006	2,69	200056	2,89
FRE 150X60	150	6"	60	2 3/8"	1,5	200007	3,18	200057	3,41
FRE 200X60	200	8"	60	2 3/8"	1,5	200008	3,76	200058	4,03
FRE 300X60	300	12"	60	2 3/8"	1,5	200009	4,81	200059	5,16
FRE 400X60	400	16"	60	2 3/8"	1,5	200010	5,89	200060	6,32
FRE 500X60	500	20"	60	2 3/8"	1,5	200011	6,94	200061	7,45
FRE 600X60	600	24"	60	2 3/8"	1,5	200012	8,00	200062	8,58

4/100 x B1 (204356 - EZ // 206826 - GC // 204925 - i304).



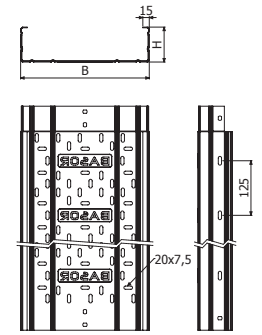
FRE H80



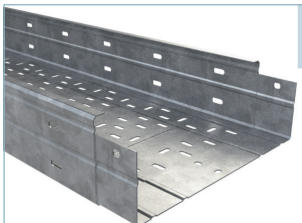
L = 3 m (10 ft)

	B		H		e	GS		GC	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m
FRE 100X80	100	4"	80	3 1/7"	1,5	200013	2,23	200063	3,47
FRE 150X80	150	6"	80	3 1/7"	1,5	200014	3,72	200064	3,99
FRE 200X80	200	8"	80	3 1/7"	1,5	200015	4,33	200065	4,65
FRE 300X80	300	12"	80	3 1/7"	1,5	200016	5,35	200066	5,74
FRE 400X80	400	16"	80	3 1/7"	1,5	200017	6,40	200067	6,87
FRE 500X80	500	20"	80	3 1/7"	1,5	200018	7,47	200068	8,02
FRE 600X80	600	24"	80	3 1/7"	1,5	200019	8,50	200069	9,12

4/100 x B1 (204356 - EZ // 206826 - GC // 204925 - i304).



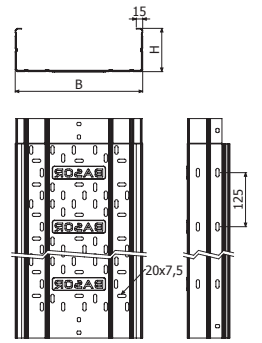
FRE H100



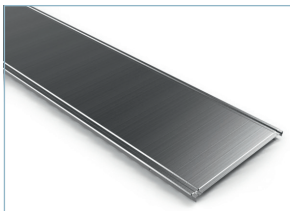
L = 3 m (10 ft)

	B		H		e	GS		GC	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m
FRE 100X100	100	4"	100	4"	1,5	☎	☎	204556	3,86
FRE 150X100	150	6"	100	4"	1,5	200020	4,17	200070	4,47
FRE 200X100	200	8"	100	4"	1,5	200021	4,74	200071	5,09
FRE 300X100	300	12"	100	4"	1,5	200022	5,81	200072	6,23
FRE 400X100	400	16"	100	4"	1,5	200023	6,85	200073	7,35
FRE 500X100	500	20"	100	4"	1,5	200024	7,91	200074	8,49
FRE 600X100	600	24"	100	4"	1,5	200025	8,95	200075	9,60

4/100 x B1 (204356 - EZ // 206826 - GC // 204925 - i304).

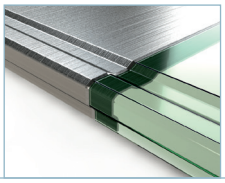


TERE

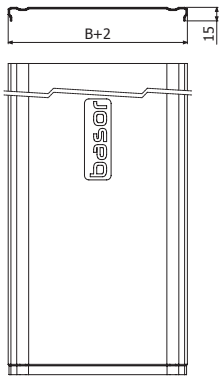


L = 3 m (10 ft)

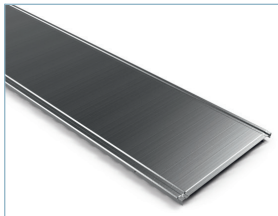
400/500/600 - L = 2 m (6,56 ft)



	B		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
TERE 100	100	4”	201312	0,55	201321	0,82
TERE 150	150	6”	201313	0,76	201322	1,05
TERE 200	200	8”	201314	0,98	201323	1,25
TERE 300	300	12”	201316	1,55	201325	1,83
TERE 400 2M	400	16”	201317	2,37	201326	2,75
TERE 500 2M	500	20”	201318	3,33	201327	3,77
TERE 600 2M	600	24”	201319	3,95	201328	4,46



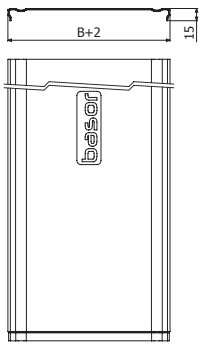
TFRE



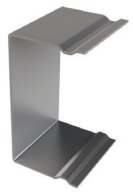
L = 3 m (10 ft)

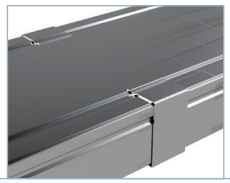
400/500/600 - L = 2 m (6,56 ft)

	B		e	GS		GC	
	mm	inch	mm	REF.	kg/m	REF.	kg/m
TFRE 100	100	4”	1,5	206008	1,50	206421	1,38
TFRE 150	150	6”	1,5	210031	2,09	206422	1,93
TFRE 200	200	8”	1,5	206009	2,67	206423	2,67
TFRE 300	300	12”	1,5	206010	3,85	206424	4,16
TFRE 400 2M	400	16”	1,5	206199	5,03	217849	5,03
TFRE 500 2M	500	20”	1,5	210032	6,32	217850	6,32
TFRE 600 2M	600	24”	1,5	206012	7,38	211232	7,38



PTERE

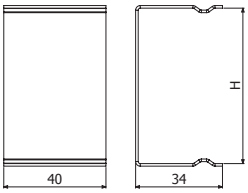




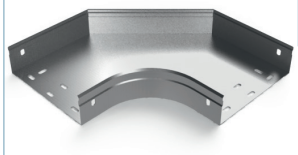
	H		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud
PTERE 35	35	1 3/8”	207059	0,05	218526	0,04
PTERE 60	60	2 3/8”	207060	0,05	218527	0,05
PTERE 80	80	3 1/7”	207061	0,06	218528	0,05
PTERE 100	100	4”	207062	0,06	218529	0,06

IK10

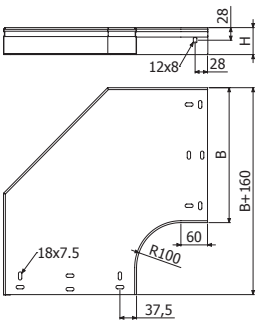
4 x PTERE => 1 x TERE

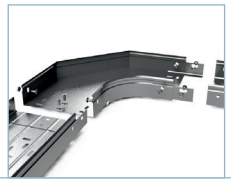


CPERC

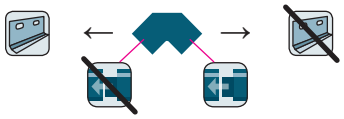


	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CPERC 100x35	100	4"	35	1 3/8"	201337	0,59	201368	0,67				
CPERC 150x35	150	6"	35	1 3/8"	201338	0,75	201369	0,86	☎	☎	☎	☎
CPERC 200x35	200	8"	35	1 3/8"	201339	1,00	201370	1,15				
CPERC 300x35	300	12"	35	1 3/8"	201340	1,61	201371	1,84				
CPERC 100x60	100	4"	60	2 3/8"	201344	0,70	201375	0,79	204777	0,70		
CPERC 150x60	150	6"	60	2 3/8"	201345	0,88	201376	1,00	205317	0,88		
CPERC 200x60	200	8"	60	2 3/8"	201346	1,14	201377	1,30	204778	1,14		
CPERC 300x60	300	12"	60	2 3/8"	201348	1,77	201379	2,02	206180	1,77	☎	☎
CPERC 400x60	400	16"	60	2 3/8"	201349	2,53	201380	2,89	207390	2,53		
CPERC 500x60	500	20"	60	2 3/8"	201350	3,42	201381	3,90	-	-		
CPERC 600x60	600	24"	60	2 3/8"	201351	4,44	201382	5,06	207391	4,44		
CPERC 100x80	100	4"	80	3 1/7"	201352	0,96	201383	1,09	217852	0,96	218161	0,96
CPERC 150x80	150	6"	80	3 1/7"	201353	1,23	201384	1,41	217853	1,23	218162	1,23
CPERC 200x80	200	8"	80	3 1/7"	201354	1,54	201385	1,76	217854	1,54	218163	1,54
CPERC 300x80	300	12"	80	3 1/7"	201356	2,29	201387	2,61	217855	2,29	218164	2,29
CPERC 400x80	400	16"	80	3 1/7"	201357	3,18	201388	3,63	217856	3,18	218165	3,18
CPERC 500x80	500	20"	80	3 1/7"	201358	4,24	201389	4,83	217857	4,24	218166	4,24
CPERC 600x80	600	24"	80	3 1/7"	201359	5,45	201390	6,21	217858	5,45	218167	5,45
CPERC 100x100	100	4"	100	4"	201360	1,05	201391	1,20				
CPERC 150x100	150	6"	100	4"	201361	1,33	201392	1,52				
CPERC 200x100	200	8"	100	4"	201362	1,65	201393	1,88				
CPERC 300x100	300	12"	100	4"	201364	2,42	201395	2,76	☎	☎	☎	☎
CPERC 400x100	400	16"	100	4"	201365	3,34	201396	3,80				
CPERC 500x100	500	20"	100	4"	201366	4,41	201397	5,03				
CPERC 600x100	600	24"	100	4"	201367	5,64	201398	6,44				

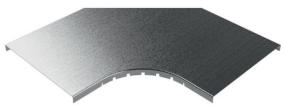




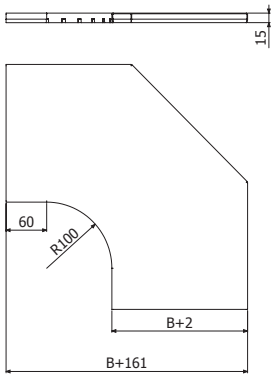
2 x JUER



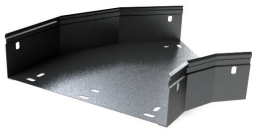
TCPERC



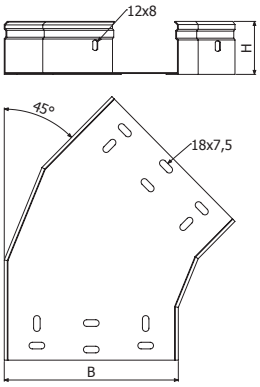
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TCPERC 100	100	4"	201430	0,27	201437	0,31	203560	0,27	218168	0,27
TCPERC 150	150	6"	201431	0,41	201438	0,48	203561	0,41	218169	0,41
TCPERC 200	200	8"	201432	0,57	201439	0,67	203562	0,57	218170	0,57
TCPERC 300	300	12"	201433	0,97	201440	1,13	203563	0,97	218171	0,97
TCPERC 400	400	16"	201434	1,46	201441	1,71	204752	1,46	218172	1,46
TCPERC 500	500	20"	201435	2,04	201442	2,39	203564	2,09	218173	2,09
TCPERC 600	600	24"	201436	2,71	201443	3,17	204753	2,71	218174	2,71



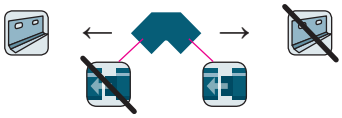
CPERC45



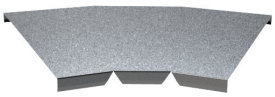
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CPERC45 100X60	100	4"	60	2 3/8"	214503	0,34	214517	0,39				
CPERC45 150X60	150	6"	60	2 3/8"	214504	0,46	214518	0,53				
CPERC45 200X60	200	8"	60	2 3/8"	214505	0,57	214519	0,66				
CPERC45 300X60	300	12"	60	2 3/8"	214506	0,86	214520	1,00	☎	☎	☎	☎
CPERC45 400X60	400	16"	60	2 3/8"	214507	1,19	214521	1,38				
CPERC45 500X60	500	20"	60	2 3/8"	214508	1,65	214522	1,91				
CPERC45 600X60	600	24"	60	2 3/8"	214509	1,99	214523	2,31				
CPERC45 100X80	100	4"	80	3 1/7"	207103	0,34	208390	0,39	217923	0,39	218245	0,39
CPERC45 150X80	150	6"	80	3 1/7"	207104	0,46	208391	0,53	217924	0,52	218246	0,52
CPERC45 200X80	200	8"	80	3 1/7"	207105	0,56	208392	0,65	217925	0,64	218247	0,64
CPERC45 300X80	300	12"	80	3 1/7"	207106	0,82	208393	0,95	217926	0,94	218248	0,94
CPERC45 400X80	400	16"	80	3 1/7"	208384	1,30	208394	1,51	217927	1,30	218249	1,30
CPERC45 500X80	500	20"	80	3 1/7"	208385	1,80	208395	2,09	217928	1,80	218250	1,80
CPERC45 600X80	600	24"	80	3 1/7"	208386	2,12	208396	2,46	217929	2,12	218251	2,12
CPERC45 100X100	100	4"	100	4"	214510	0,45	214524	0,52				
CPERC45 150X100	150	6"	100	4"	214511	0,58	214525	0,67				
CPERC45 200X100	200	8"	100	4"	214512	0,71	214526	0,82				
CPERC45 300X100	300	12"	100	4"	214513	1,01	214527	1,17	☎	☎	☎	☎
CPERC45 400X100	400	16"	100	4"	214514	1,37	214528	1,59				
CPERC45 500X100	500	20"	100	4"	214515	1,87	214529	2,17				
CPERC45 600X100	600	24"	100	4"	214516	2,25	214530	2,61				



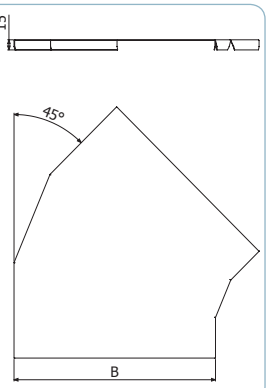
2 x JUER



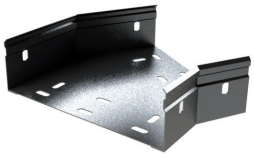
TCPERC45



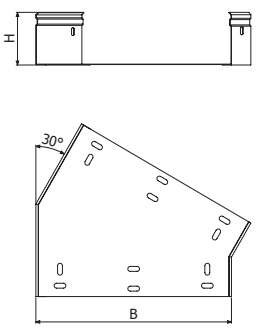
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TCPERC45 100	100	4"	207107	0,14	208397	0,16	207930	0,14	208252	0,14
TCPERC45 150	150	6"	207108	0,21	208398	0,24	207931	0,21	208253	0,21
TCPERC45 200	200	8"	207109	0,29	208399	0,34	207932	0,29	208254	0,29
TCPERC45 300	300	12"	207110	0,49	208400	0,57	207933	0,49	208255	0,49
TCPERC45 400	400	16"	208387	0,73	208401	0,86	207934	0,73	208256	0,73
TCPERC45 500	500	20"	208388	1,02	208402	1,20	207935	1,02	208257	1,02
TCPERC45 600	600	24"	208389	1,36	208403	1,59	207936	1,36	208258	1,36



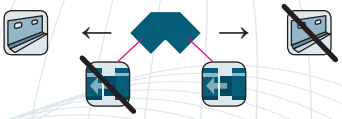
CPERC30



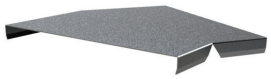
	B		H		GS	
	mm	inch	mm	inch	REF.	kg/ud
CPERC30 100X80	100	4"	80	3 1/7"	208370	0,24
CPERC30 150X80	150	6"	80	3 1/7"	208371	0,30
CPERC30 200X80	200	8"	80	3 1/7"	208372	0,37
CPERC30 300X80	300	12"	80	3 1/7"	208373	0,54
CPERC30 400X80	400	16"	80	3 1/7"	208374	0,74
CPERC30 500X80	500	20"	80	3 1/7"	208375	0,97
CPERC30 600X80	600	24"	80	3 1/7"	208376	1,22



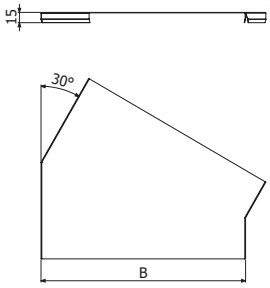
2 x JUER



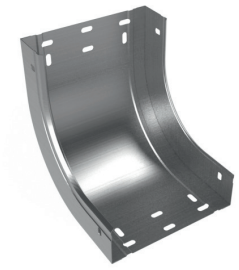
TCPERC30



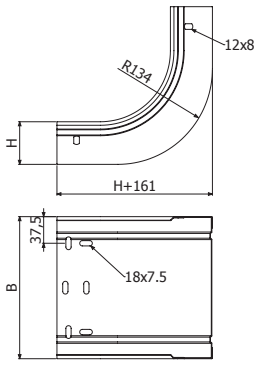
	B		GS	
	mm	inch	REF.	kg/ud
TCPERC30 100	100	4"	208377	0,16
TCPERC30 150	150	6"	208378	0,23
TCPERC30 200	200	8"	208379	0,33
TCPERC30 300	300	12"	208380	0,53
TCPERC30 400	400	16"	208381	0,79
TCPERC30 500	500	20"	208382	1,08
TCPERC30 600	600	24"	208383	1,40



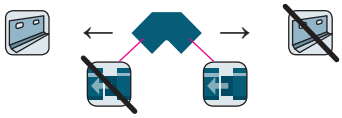
CCERC



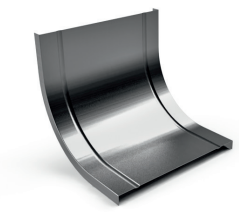
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CCERC 100x35	100	4"	35	1 3/8"	201451	0,34	201482	0,39				
CCERC 150x35	150	6"	35	1 3/8"	201452	0,45	201483	0,51				
CCERC 200x35	200	8"	35	1 3/8"	201453	0,55	201484	0,63				
CCERC 300x35	300	12"	35	1 3/8"	201454	0,76	201485	0,87				
CCERC 100x60	100	4"	60	2 3/8"	201458	0,50	201489	0,57	204908	0,50		
CCERC 150x60	150	6"	60	2 3/8"	201459	0,62	201490	0,71	205157	0,63		
CCERC 200x60	200	8"	60	2 3/8"	201460	0,74	201491	0,84	205024	0,75		
CCERC 300x60	300	12"	60	2 3/8"	201462	0,98	201493	1,12	206503	0,99		
CCERC 400x60	400	16"	60	2 3/8"	201463	1,22	201494	1,39	207392	1,22		
CCERC 500x60	500	20"	60	2 3/8"	201464	1,46	201495	1,67	218556	1,47		
CCERC 600x60	600	24"	60	2 3/8"	201465	1,71	201496	1,94	207393	1,71		
CCERC 100x80	100	4"	80	3 1/7"	201466	0,66	201497	0,75	217859	0,66	218175	0,66
CCERC 150x80	150	6"	80	3 1/7"	201467	0,79	201498	0,90	217860	0,79	218176	0,79
CCERC 200x80	200	8"	80	3 1/7"	201468	0,92	201499	1,05	217861	0,93	218177	0,93
CCERC 300x80	300	12"	80	3 1/7"	201470	1,19	201501	1,36	217862	1,19	218178	1,19
CCERC 400x80	400	16"	80	3 1/7"	201471	1,46	201502	1,66	217863	1,46	218179	1,46
CCERC 500x80	500	20"	80	3 1/7"	201472	1,72	201503	1,96	217864	1,72	218180	1,72
CCERC 600x80	600	24"	80	3 1/7"	201473	1,99	201504	2,27	217865	1,99	218181	1,99
CCERC 100x100	100	4"	100	4"	201474	0,78	201505	0,89				
CCERC 150x100	150	6"	100	4"	201475	0,93	201506	1,06				
CCERC 200x100	200	8"	100	4"	201476	1,07	201507	1,22				
CCERC 300x100	300	12"	100	4"	201478	1,36	201509	1,55				
CCERC 400x100	400	16"	100	4"	201479	1,65	201510	1,89				
CCERC 500x100	500	20"	100	4"	201480	1,95	201511	2,22				
CCERC 600x100	600	24"	100	4"	201481	2,24	201512	2,55				



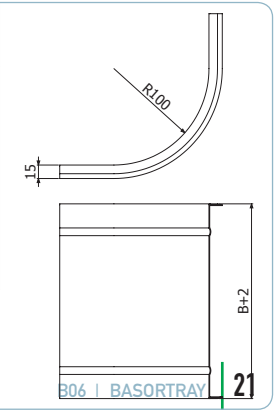
2 x JUER



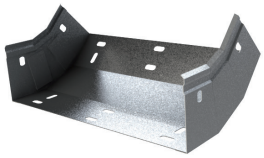
TCCERC



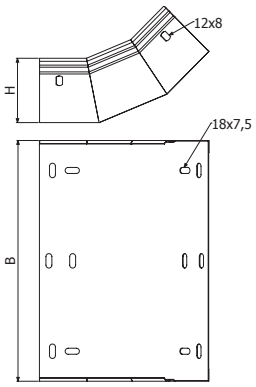
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TCCERC 100	100	4"	201544	0,23	201551	0,27	203263	0,23	218182	0,23
TCCERC 150	150	6"	201545	0,32	201552	0,37	203264	0,28	218183	0,28
TCCERC 200	200	8"	201546	0,41	201553	0,47	203265	0,41	218184	0,41
TCCERC 300	300	12"	201547	0,58	201554	0,67	203266	0,58	218185	0,58
TCCERC 400	400	16"	201548	0,75	201555	0,88	203271	0,75	218186	0,75
TCCERC 500	500	20"	201549	0,93	201556	1,08	217866	0,93	218187	0,93
TCCERC 600	600	24"	201550	1,10	201557	1,28	204724	1,10	218188	1,10



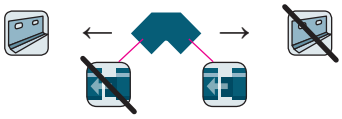
CCERC45



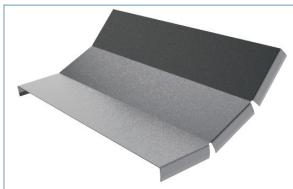
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CCERC45 100X60	100	4"	60	2 3/8"	214531	0,42	214545	0,49				
CCERC45 150X60	150	6"	60	2 3/8"	214532	0,50	214546	0,58				
CCERC45 200X60	200	8"	60	2 3/8"	214533	0,57	214547	0,66				
CCERC45 300X60	300	12"	60	2 3/8"	214534	0,73	214548	0,85	☎	☎	☎	☎
CCERC45 400X60	400	16"	60	2 3/8"	214535	0,89	214549	1,03				
CCERC45 500X60	500	20"	60	2 3/8"	214536	1,04	214550	1,21				
CCERC45 600X60	600	24"	60	2 3/8"	214537	1,20	214551	1,39				
CCERC45 100X80	100	4"	80	3 1/7"	207111	0,48	208410	0,56	217937	0,48	218259	0,48
CCERC45 150X80	150	6"	80	3 1/7"	207112	0,56	208411	0,65	217938	0,56	218260	0,56
CCERC45 200X80	200	8"	80	3 1/7"	207113	0,64	208412	0,74	217939	0,64	218261	0,64
CCERC45 300X80	300	12"	80	3 1/7"	207114	0,79	208413	0,92	217940	0,79	218262	0,79
CCERC45 400X80	400	16"	80	3 1/7"	208404	0,95	208414	1,10	217941	0,95	218263	0,95
CCERC45 500X80	500	20"	80	3 1/7"	208405	1,11	208415	1,29	217942	1,11	218264	1,11
CCERC45 600X80	600	24"	80	3 1/7"	208406	1,26	208416	1,46	217943	1,26	218265	1,26
CCERC45 100X100	100	4"	100	4"	214538	0,54	214552	0,63				
CCERC45 150X100	150	6"	100	4"	214539	0,62	214553	0,72				
CCERC45 200X100	200	8"	100	4"	214540	0,70	214554	0,81				
CCERC45 300X100	300	12"	100	4"	214541	0,86	214555	1,00	☎	☎	☎	☎
CCERC45 400X100	400	16"	100	4"	214542	1,01	214556	1,17				
CCERC45 500X100	500	20"	100	4"	214543	1,17	214557	1,36				
CCERC45 600X100	600	24"	100	4"	214544	1,33	214558	1,54				



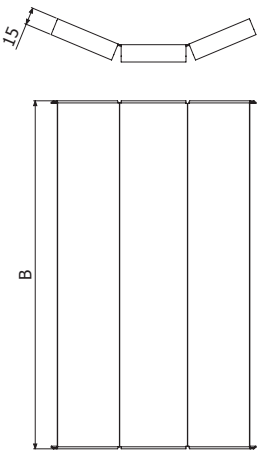
2 x JUER



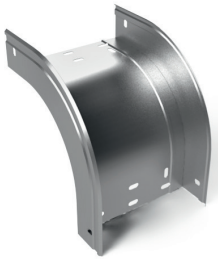
TCCERC45



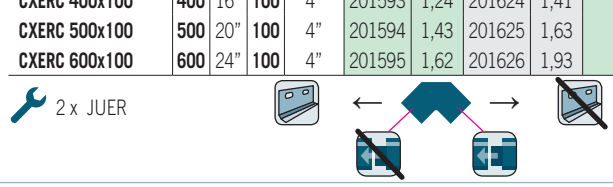
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TCCERC45 100	100	4"	207115	0,12	208417	0,14	217944	1,64	218266	1,64
TCCERC45 150	150	6"	207116	0,16	208418	0,19	217945	2,64	218267	2,64
TCCERC45 200	200	8"	207117	0,21	208419	0,24	217946	3,64	218268	3,64
TCCERC45 300	300	12"	207118	0,29	208420	0,34	217947	4,64	218269	4,64
TCCERC45 400	400	16"	208407	0,38	208421	0,44	217948	5,64	218270	5,64
TCCERC45 500	500	20"	208408	0,47	208422	0,54	217949	6,64	218271	6,64
TCCERC45 600	600	24"	208409	0,55	208423	0,64	217950	7,64	218272	7,64



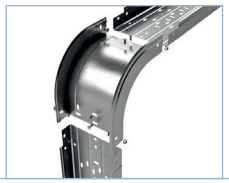
CXERC



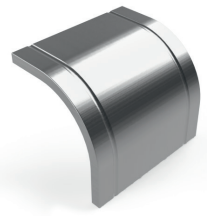
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CXERC 100x35	100	4"	35	1 3/8"	201565	0,32	201596	0,37				
CXERC 150x35	150	6"	35	1 3/8"	201566	0,42	201597	0,48				
CXERC 200x35	200	8"	35	1 3/8"	201567	0,51	201598	0,58				
CXERC 300x35	300	12"	35	1 3/8"	201568	0,70	201599	0,80				
CXERC 100x60	100	4"	60	2 3/8"	201572	0,45	201603	0,51	204909	0,45		
CXERC 150x60	150	6"	60	2 3/8"	201573	0,54	201604	0,62	205158	0,54		
CXERC 200x60	200	8"	60	2 3/8"	201574	0,64	201605	0,72	205025	0,64		
CXERC 300x60	300	12"	60	2 3/8"	201576	0,82	201607	0,94	206817	0,82		
CXERC 400x60	400	16"	60	2 3/8"	201577	1,01	201608	1,15	207514	1,01		
CXERC 500x60	500	20"	60	2 3/8"	201578	1,20	201609	1,37	218557	1,20		
CXERC 600x60	600	24"	60	2 3/8"	201579	1,39	201610	1,58	207515	1,39		
CXERC 100x80	100	4"	80	3 1/7"	201580	0,58	201611	0,66	217867	0,58	218189	0,58
CXERC 150x80	150	6"	80	3 1/7"	201581	0,67	201612	0,77	217868	0,68	218190	0,68
CXERC 200x80	200	8"	80	3 1/7"	201582	0,77	201613	0,88	217869	0,77	218191	0,77
CXERC 300x80	300	12"	80	3 1/7"	201584	0,96	201615	1,09	217870	0,96	218192	0,96
CXERC 400x80	400	16"	80	3 1/7"	201585	1,14	201616	1,31	217871	1,14	218193	1,14
CXERC 500x80	500	20"	80	3 1/7"	201586	1,33	201617	1,52	217872	1,33	218194	1,33
CXERC 600x80	600	24"	80	3 1/7"	201587	1,52	201618	1,73	217873	1,52	218195	1,52
CXERC 100x100	100	4"	100	4"	201588	0,67	201619	0,77				
CXERC 150x100	150	6"	100	4"	201589	0,77	201620	0,88				
CXERC 200x100	200	8"	100	4"	201590	0,86	201621	0,98				
CXERC 300x100	300	12"	100	4"	201592	1,05	201623	1,20				
CXERC 400x100	400	16"	100	4"	201593	1,24	201624	1,41				
CXERC 500x100	500	20"	100	4"	201594	1,43	201625	1,63				
CXERC 600x100	600	24"	100	4"	201595	1,62	201626	1,93				



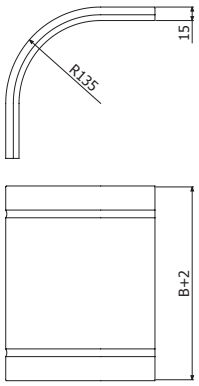
2 x JUER



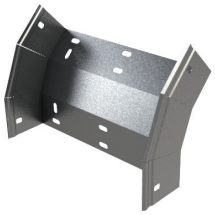
TCXERC



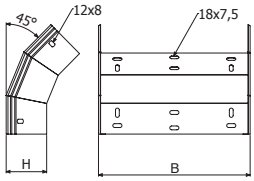
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TCXERC 100x35	100	4"	201658	0,29	201689	0,34				
TCXERC 150x35	150	6"	201659	0,40	201690	0,47				
TCXERC 200x35	200	8"	201660	0,52	201691	0,60				
TCXERC 300x35	300	12"	201661	0,74	201692	0,86				
TCXERC 100x60	100	4"	201665	0,34	201696	0,39	203565	0,34		
TCXERC 150x60	150	6"	201666	0,46	201697	0,54	203249	0,46		
TCXERC 200x60	200	8"	201667	0,59	201698	0,68	203253	0,59		
TCXERC 300x60	300	12"	201669	0,84	201700	0,98	203250	0,84		
TCXERC 400x60	400	16"	201670	1,10	201701	1,28	203251	1,10		
TCXERC 500x60	500	20"	201671	1,36	201702	1,57	218558	1,36		
TCXERC 600x60	600	24"	201672	1,61	201703	1,87	203252	1,61		
TCXERC 100x80	100	4"	201673	0,37	201704	0,43	217874	0,37	218196	0,37
TCXERC 150x80	150	6"	201674	0,51	201705	0,59	217875	0,51	218197	0,51
TCXERC 200x80	200	8"	201675	0,65	201706	0,75	217876	0,65	218198	0,65
TCXERC 300x80	300	12"	201677	0,93	201708	1,08	217877	0,93	218199	0,93
TCXERC 400x80	400	16"	201678	1,21	201709	1,40	217878	1,21	218200	1,21
TCXERC 500x80	500	20"	201679	1,49	201710	1,73	217879	1,49	218201	1,49
TCXERC 600x80	600	24"	201680	1,77	201711	2,05	217880	1,77	218202	1,77
TCXERC 100x100	100	4"	201681	0,40	201712	0,47				
TCXERC 150x100	150	6"	201682	0,55	201713	0,64				
TCXERC 200x100	200	8"	201683	0,71	201714	0,82				
TCXERC 300x100	300	12"	201685	1,01	201716	1,18				
TCXERC 400x100	400	16"	201686	1,32	201717	1,53				
TCXERC 500x100	500	20"	201687	1,62	201718	1,88				
TCXERC 600x100	600	24"	201688	1,93	201719	2,24				



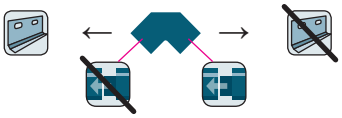
CXERC45



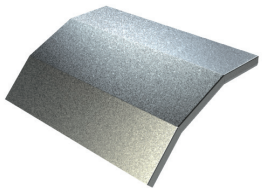
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CXERC45 100X60	100	4"	60	2 3/8"	214559	0,38	214573	0,44				
CXERC45 150X60	150	6"	60	2 3/8"	214560	0,44	214574	0,51				
CXERC45 200X60	200	8"	60	2 3/8"	214561	0,49	214575	0,57				
CXERC45 300X60	300	12"	60	2 3/8"	214562	0,61	214576	0,71	☎	☎	☎	☎
CXERC45 400X60	400	16"	60	2 3/8"	214563	0,72	214577	0,84				
CXERC45 500X60	500	20"	60	2 3/8"	214564	0,84	214578	0,97				
CXERC45 600X60	600	24"	60	2 3/8"	214565	0,95	214579	1,11				
CXERC45 100X80	100	4"	80	3 1/7"	207119	0,44	208430	0,51	217951	0,44	218273	0,44
CXERC45 150X80	150	6"	80	3 1/7"	207120	0,50	208431	0,58	217952	0,50	218274	0,50
CXERC45 200X80	200	8"	80	3 1/7"	207121	0,55	208432	0,64	217953	0,55	218275	0,55
CXERC45 300X80	300	12"	80	3 1/7"	207122	0,67	208433	0,78	217954	0,67	218276	0,67
CXERC45 400X80	400	16"	80	3 1/7"	208424	0,78	208434	0,91	217955	0,78	218277	0,78
CXERC45 500X80	500	20"	80	3 1/7"	208425	0,90	208435	1,04	217956	0,90	218278	0,90
CXERC45 600X80	600	24"	80	3 1/7"	208426	1,01	208436	1,18	217957	1,01	218279	1,01
CXERC45 100X100	100	4"	100	4"	214566	0,50	214580	0,58				
CXERC45 150X100	150	6"	100	4"	214567	0,56	214581	0,65				
CXERC45 200X100	200	8"	100	4"	214568	0,62	214582	0,71				
CXERC45 300X100	300	12"	100	4"	214569	0,73	214583	0,85	☎	☎	☎	☎
CXERC45 400X100	400	16"	100	4"	214570	0,85	214584	0,98				
CXERC45 500X100	500	20"	100	4"	214571	0,96	214585	1,12				
CXERC45 600X100	600	24"	100	4"	214572	1,08	214586	1,25				



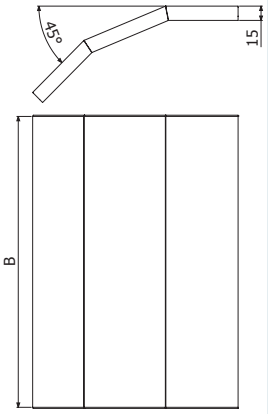
2 x JUER



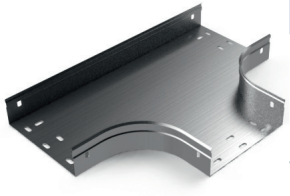
TCXERC45



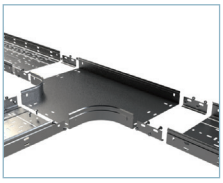
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TCXERC45 100X60	100	4"	214587	0,17	214601	0,20				
TCXERC45 150X60	150	6"	214588	0,23	214602	0,27				
TCXERC45 200X60	200	8"	214589	0,30	214603	0,34				
TCXERC45 300X60	300	12"	214590	0,42	214604	0,49	☎	☎	☎	☎
TCXERC45 400X60	400	16"	214591	0,55	214605	0,64				
TCXERC45 500X60	500	20"	214592	0,68	214606	0,79				
TCXERC45 600X60	600	24"	214593	0,81	214607	0,94				
TCXERC45 100X80	100	4"	207123	0,19	208437	0,22	217958	0,19	218280	0,19
TCXERC45 150X80	150	6"	207124	0,26	208438	0,30	217959	0,26	218281	0,26
TCXERC45 200X80	200	8"	207125	0,33	208439	0,38	217960	0,33	218282	0,33
TCXERC45 300X80	300	12"	207126	0,47	208440	0,54	217961	0,47	218283	0,47
TCXERC45 400X80	400	16"	208427	0,61	208441	0,70	217962	0,61	218284	0,61
TCXERC45 500X80	500	20"	208428	0,75	208442	0,87	217963	0,75	218285	0,75
TCXERC45 600X80	600	24"	208429	0,89	208443	1,03	217964	0,89	218286	0,89
TCXERC45 100X100	100	4"	214594	0,20	214608	0,24				
TCXERC45 150X100	150	6"	214595	0,28	214609	0,32				
TCXERC45 200X100	200	8"	214596	0,36	214610	0,41				
TCXERC45 300X100	300	12"	214597	0,51	214611	0,59	☎	☎	☎	☎
TCXERC45 400X100	400	16"	214598	0,66	214612	0,77				
TCXERC45 500X100	500	20"	214599	0,81	214613	0,94				
TCXERC45 600X100	600	24"	214600	0,97	214614	1,12				



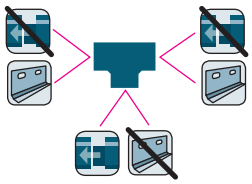
TERC

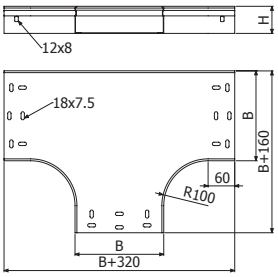


	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TERC 100x35	100	4"	35	1 3/8"	201751	0,81	201782	0,93				
TERC 150x35	150	6"	35	1 3/8"	201752	1,11	201783	1,27	☎	☎	☎	☎
TERC 200x35	200	8"	35	1 3/8"	201753	1,58	201784	1,80				
TERC 300x35	300	12"	35	1 3/8"	201754	2,26	201785	2,57				
TERC 100x60	100	4"	60	2 3/8"	201758	0,96	201789	1,09				
TERC 150x60	150	6"	60	2 3/8"	201759	1,27	201790	1,45				
TERC 200x60	200	8"	60	2 3/8"	201760	1,74	201791	1,98				
TERC 300x60	300	12"	60	2 3/8"	201762	2,44	201793	2,78	☎	☎	☎	☎
TERC 400x60	400	16"	60	2 3/8"	201763	3,41	201794	3,89				
TERC 500x60	500	20"	60	2 3/8"	201764	4,54	201795	5,18				
TERC 600x60	600	24"	60	2 3/8"	201765	5,83	201796	6,64				
TERC 100x80	100	4"	80	3 1/7"	201766	1,07	201797	1,22	217881	1,07	218203	1,07
TERC 150x80	150	6"	80	3 1/7"	201767	1,38	201798	1,58	217882	1,39	218204	1,39
TERC 200x80	200	8"	80	3 1/7"	201768	1,86	201799	2,12	217883	1,86	218205	1,86
TERC 300x80	300	12"	80	3 1/7"	201770	2,57	201801	2,93	217884	2,57	218206	2,57
TERC 400x80	400	16"	80	3 1/7"	201771	3,55	201802	4,05	217885	3,55	218207	3,55
TERC 500x80	500	20"	80	3 1/7"	201772	4,70	201803	5,35	217886	4,70	218208	4,70
TERC 600x80	600	24"	80	3 1/7"	201773	5,99	201804	6,83	217887	6,00	218209	6,00
TERC 100x100	100	4"	100	4"	201774	1,19	201805	1,36				
TERC 150x100	150	6"	100	4"	201775	1,51	201806	1,72				
TERC 200x100	200	8"	100	4"	201776	2,00	201807	2,28				
TERC 300x100	300	12"	100	4"	201778	2,71	201809	3,09	☎	☎	☎	☎
TERC 400x100	400	16"	100	4"	201779	3,71	201810	4,23				
TERC 500x100	500	20"	100	4"	201780	4,87	201811	5,55				
TERC 600x100	600	24"	100	4"	201781	6,18	201812	7,04				

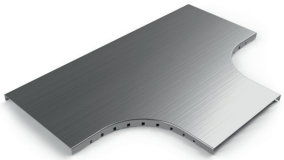


2 x JUER

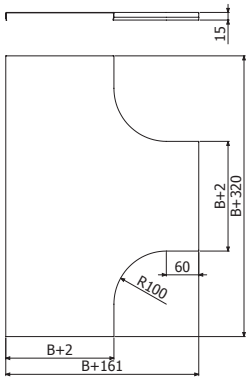




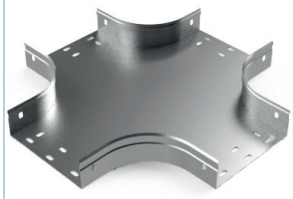
TTERC



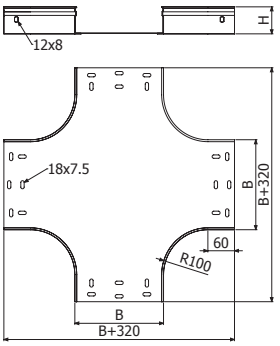
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TTERC 100	100	4"	201844	0,45	201852	0,53	217888	0,46	218210	0,46
TTERC 150	150	6"	201845	0,66	201853	0,77	217889	0,66	218211	0,66
TTERC 200	200	8"	201846	0,89	201854	1,04	217890	0,89	218212	0,89
TTERC 300	300	12"	201848	1,44	201855	1,68	217891	1,44	218213	1,44
TTERC 400	400	16"	201849	2,09	201856	2,45	217892	2,10	218214	2,10
TTERC 500	500	20"	201850	2,86	201857	3,35	217893	2,86	218215	2,86
TTERC 600	600	24"	201851	3,74	201858	4,37	217894	3,74	218216	3,74



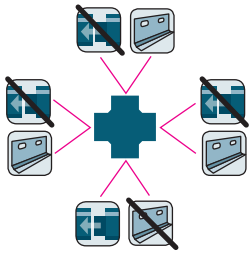
CRERC



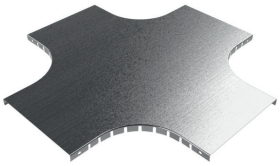
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CRERC 100x35	100	4"	35	1 3/8"	201866	1,02	201897	1,16				
CRERC 150x35	150	6"	35	1 3/8"	201867	1,37	201898	1,56	☎	☎	☎	☎
CRERC 200x35	200	8"	35	1 3/8"	201868	1,76	201899	2,00				
CRERC 300x35	300	12"	35	1 3/8"	201869	2,65	201900	3,02				
CRERC 100x60	100	4"	60	2 3/8"	201873	1,19	201904	1,35				
CRERC 150x60	150	6"	60	2 3/8"	201874	1,54	201905	1,75				
CRERC 200x60	200	8"	60	2 3/8"	201875	1,92	201906	2,19				
CRERC 300x60	300	12"	60	2 3/8"	201877	2,82	201908	3,21	☎	☎	☎	☎
CRERC 400x60	400	16"	60	2 3/8"	201878	3,87	201909	4,41				
CRERC 500x60	500	20"	60	2 3/8"	201879	5,08	201910	5,79				
CRERC 600x60	600	24"	60	2 3/8"	201872	6,28	201911	7,35				
CRERC 100x80	100	4"	80	3 1/7"	201881	1,31	201912	1,50	217895	1,31	218217	1,31
CRERC 150x80	150	6"	80	3 1/7"	201882	1,66	201913	1,89	217896	1,66	218218	1,66
CRERC 200x80	200	8"	80	3 1/7"	201883	2,05	201914	2,34	217897	2,05	218219	2,05
CRERC 300x80	300	12"	80	3 1/7"	201885	2,94	201916	3,36	217898	2,94	218220	2,94
CRERC 400x80	400	16"	80	3 1/7"	201886	4,00	201917	4,56	217899	4,00	218221	4,00
CRERC 500x80	500	20"	80	3 1/7"	201887	5,21	201918	5,93	217900	5,21	218222	5,21
CRERC 600x80	600	24"	80	3 1/7"	201880	6,45	201919	7,49	217901	6,45	218223	6,45
CRERC 100x100	100	4"	100	4"	201889	1,45	201920	1,65				
CRERC 150x100	150	6"	100	4"	201890	1,80	201921	2,05				
CRERC 200x100	200	8"	100	4"	201891	2,19	201922	2,49				
CRERC 300x100	300	12"	100	4"	201893	3,08	201924	3,51	☎	☎	☎	☎
CRERC 400x100	400	16"	100	4"	201894	4,14	201925	4,71				
CRERC 500x100	500	20"	100	4"	201895	5,34	201926	6,09				
CRERC 600x100	600	24"	100	4"	201896	6,71	201927	7,65				



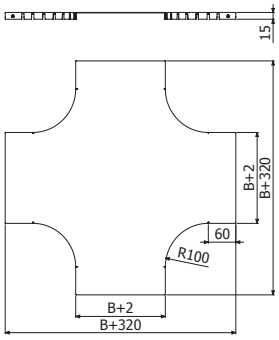
2 x JUER



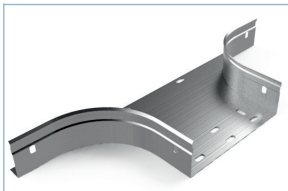
TCRERC



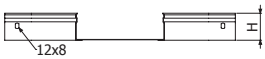
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TCRERC 100	100	4"	201959	0,60	201967	0,70	217902	0,60	218224	0,60
TCRERC 150	150	6"	201960	0,84	201968	0,99	217903	0,84	218225	0,84
TCRERC 200	200	8"	201961	1,11	201969	1,30	217904	1,12	218226	1,12
TCRERC 300	300	12"	201963	1,74	201971	2,04	217905	1,74	218227	1,74
TCRERC 400	400	16"	201964	2,48	201972	2,90	217906	2,48	218228	2,48
TCRERC 500	500	20"	201965	3,32	201973	3,89	217907	3,33	218229	3,33
TCRERC 600	600	24"	201966	4,28	201974	5,01	217908	4,28	218230	4,28

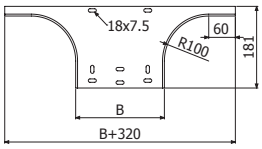


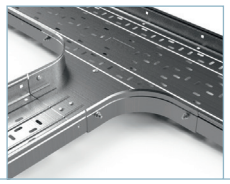
AS



	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
AS 100x35	100	4"	35	1 3/8"	201983	0,40	202015	0,46				
AS 150x35	150	6"	35	1 3/8"	201984	0,47	202016	0,54				
AS 200x35	200	8"	35	1 3/8"	201985	0,54	202017	0,62				
AS 300x35	300	12"	35	1 3/8"	201987	0,68	202019	0,78				
AS 100x60	100	4"	60	2 3/8"	201991	0,48	202023	0,55				
AS 150x60	150	6"	60	2 3/8"	201992	0,55	202024	0,63				
AS 200x60	200	8"	60	2 3/8"	201993	0,63	202025	0,72				
AS 300x60	300	12"	60	2 3/8"	201995	0,77	202027	0,87				
AS 400x60	400	16"	60	2 3/8"	201996	0,91	202028	1,04				
AS 500x60	500	20"	60	2 3/8"	201997	1,05	202029	1,20				
AS 600x60	600	24"	60	2 3/8"	201998	1,19	202030	1,36				
AS 100x80	100	4"	80	3 1/7"	201999	0,55	202031	0,63	217909	0,55	218231	0,55
AS 150x80	150	6"	80	3 1/7"	202000	0,62	202032	0,71	217910	0,62	218232	0,62
AS 200x80	200	8"	80	3 1/7"	202001	0,69	202033	0,79	217911	0,69	218233	0,69
AS 300x80	300	12"	80	3 1/7"	202003	0,83	202035	0,95	217912	0,83	218234	0,83
AS 400x80	400	16"	80	3 1/7"	202004	0,97	202036	1,11	217913	0,97	218235	0,97
AS 500x80	500	20"	80	3 1/7"	202005	1,11	202037	1,27	217914	1,12	218236	1,12
AS 600x80	600	24"	80	3 1/7"	202006	1,25	202038	1,44	217915	1,26	218237	1,26
AS 100x100	100	4"	100	4"	202007	0,61	202039	0,71				
AS 150x100	150	6"	100	4"	202008	0,69	202040	0,79				
AS 200x100	200	8"	100	4"	202009	0,76	202041	0,86				
AS 300x100	300	12"	100	4"	202011	0,90	202043	1,03				
AS 400x100	400	16"	100	4"	202012	1,04	202044	1,19				
AS 500x100	500	20"	100	4"	202013	1,18	202045	1,35				
AS 600x100	600	24"	100	4"	202014	1,32	202046	1,52				





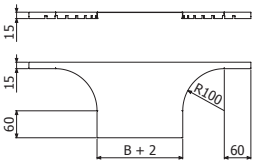


2 x JUER + 4/100 x B1 (204356 - EZ // 206826 - GC // 204925 - i304)

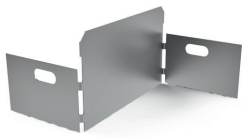
TAS



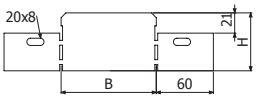
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
TAS 100	100	4"	208325	0,22	208332	0,26	217916	0,22	218238	0,22
TAS 150	150	6"	208326	0,27	208333	0,31	217917	0,27	218239	0,27
TAS 200	200	8"	208327	0,33	208334	0,38	217918	0,33	218240	0,33
TAS 300	300	12"	208328	0,44	208335	0,51	217919	0,44	218241	0,44
TAS 400	400	16"	208329	0,55	208336	0,63	217920	0,55	218242	0,55
TAS 500	500	20"	208330	0,66	208337	0,76	217921	0,66	218243	0,66
TAS 600	600	24"	208331	0,77	208338	0,88	217922	0,77	218244	0,77

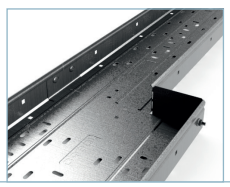


REER



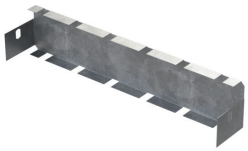
	B		H		GS		GC		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
REER 50x35	50	2"	35	1 3/8"	206290	0,03	206298	0,03				
REER 50x60	50	2"	60	2 3/8"	206291	0,04	206299	0,05	208767	0,04		
REER 50x80	50	2"	80	3 1/7"	206292	0,06	206300	0,07	218120	0,06	218444	0,06
REER 50x100	50	2"	100	4"	206293	0,08	206301	0,09				
REER 100x35	100	4"	35	1 3/8"	206294	0,04	206302	0,04				
REER 100x60	100	4"	60	2 3/8"	206295	0,06	206303	0,07	208768	0,06		
REER 100x80	100	4"	80	3 1/7"	206296	0,08	206304	0,09	218121	0,08	218445	0,08
REER 100x100	100	4"	100	4"	206297	0,11	206305	0,12				



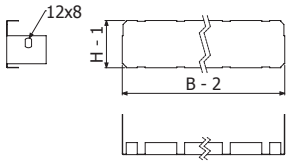


2/100 x B1 (204356 - EZ // 206826 - GC // 204925 - i304)

TFERE

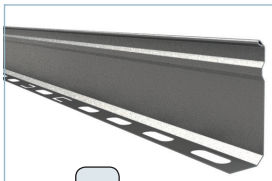


	B		B		GS		GC		i304/i316
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	
TFERE 100X80	100	4"	80	3 1/7"	208356	0,08	208363	0,09	
TFERE 150X80	150	6"	80	3 1/7"	208357	0,12	208364	0,14	
TFERE 200X80	200	8"	80	3 1/7"	208358	0,15	208365	0,17	
TFERE 300X80	300	12"	80	3 1/7"	208359	0,21	208366	0,24	
TFERE 400X80	400	16"	80	3 1/7"	208360	0,33	208367	0,38	
TFERE 500X80	500	20"	80	3 1/7"	208361	0,34	208368	0,39	
TFERE 600X80	600	24"	80	3 1/7"	208362	0,47	208369	0,55	

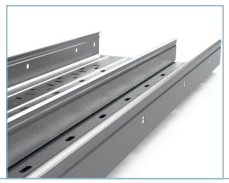


2/100 x B1 (204356 - GS // 206826 - GC)

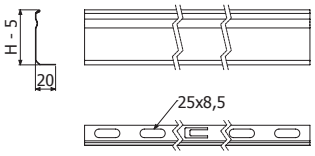
PS



L = 3 m (10 ft)

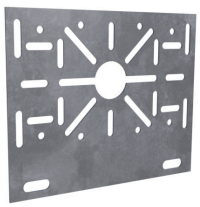


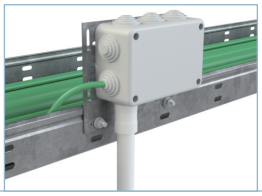
	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8"	203476	0,29	203479	0,29	211227	0,29	215544	0,29
PS 60	60	2 3/8"	202066	0,34	203480	0,43	203645	0,34	215545	0,34
PS 80	80	3 1/7"	203477	0,46	203481	0,63	211228	0,46	218386	0,46
PS 100	100	4"	203478	0,56	203482	0,76	205138	0,56	215500	0,56



1/100 x B1 (500 ↔ 500 mm) (204356 - GS // 206826 - GC // 204925 - i304 // 218388-i316)

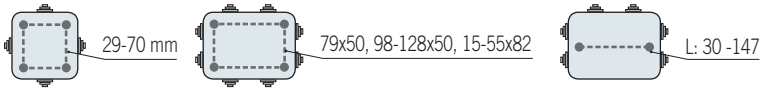
SUCP

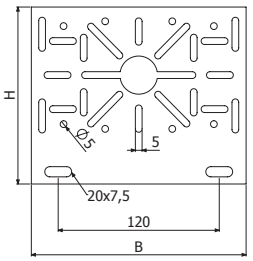




	B		H		GS		i304		i316	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m
SUCP	160	6 207	130	5 1/8	214255	0,25	214256	0,25	218448	0,25

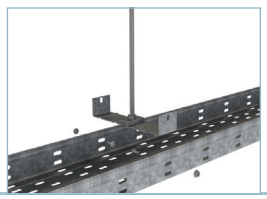
2/100 x B1 (204356 - GS // 206826 - GC // 204925 - i304 // 218388-i316)





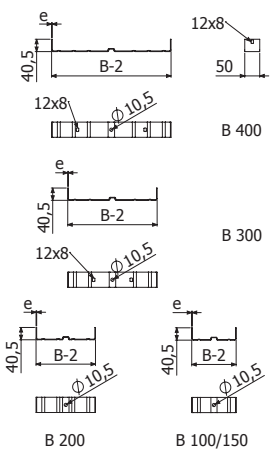
SIER



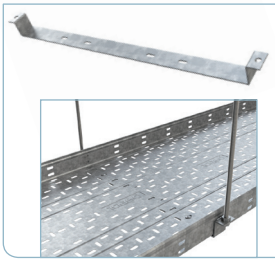


	B		B		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud
SIER 100X60	100	4"	60	2 3/8"	208168	0,18	209897	0,19
SIER 150x60	150	6"	60	2 3/8"	209893	0,23	209898	0,25
SIER 200X60	200	8"	60	2 3/8"	209894	0,28	209899	0,30
SIER 300X60	300	12"	60	2 3/8"	209895	0,38	209900	0,40
SIER 400X60	400	16"	60	2 3/8"	209896	0,48	209901	0,51

VR M10 (205535-EZ // 210018-I304) + 2 x DIN934 M10 (217607-EZ // 217602-I304) + (2/100 (B100-200) // 4/100 (B300-400) x B1 (204356-EZ // 206826-GC // 204925-I304))

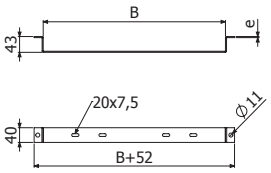


SEER



	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud
SEER 500X60	500	20"	60	2 3/8"	217587	0,58	217589	0,60
SEER 600X60	600	24"	60	2 3/8"	217588	0,68	217590	0,70

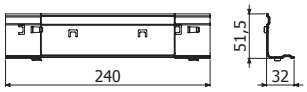
2 x VR M10 (205535-EZ // 210018-I304) + 4 x DIN934 M10 (217607-EZ // 217602-I304) + (2/100 x B1 (204356-EZ // 206826-GC // 204925-I304))



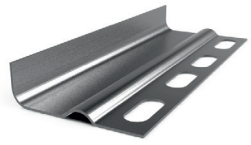
URERC H60



	H		e	GS	
	mm	inch	mm	REF.	kg/ud
URERC 60	60	2 3/8"	1	201099	0,16



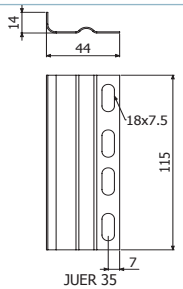
JUER



JUER 35

	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUER 35	35	1 3/8"	202047	0,04	202052	0,05	203232	0,04	218549	0,04
JUER 60	60	2 3/8"	202048	0,03	202053	0,03	203233	0,03	218550	0,03
JUER 80	80	3 1/7"	202049	0,06	202054	0,07	214253	0,06	218385	0,06
JUER 100	100	4"	202050	0,07	202055	0,09	203559	0,07	218551	0,07

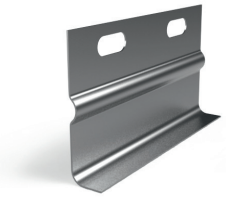
2/100 x B1 (204356 - GS // 206826 - GC // 204925 - i304 // 218388-i316)



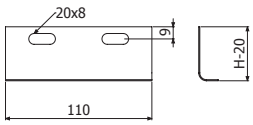
JUER 35



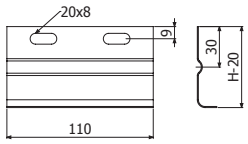
JUER 60



JUER 80/100



JUER 60



JUER 80/100

JUER-A



JUER-A 35

	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUER-A 35	35	1 3/8"	203226	0,10	205298	0,11	214245	1,18	☎	☎
JUER-A 60	60	2 3/8"	203229	0,10	204439	0,11	214246	2,18		
JUER-A 80	80	3 1/7"	206327	0,13	205055	0,14	214247	3,18	218446	3,18
JUER-A 100	100	4"	206209	0,16	206416	0,18	214248	4,18	☎	☎

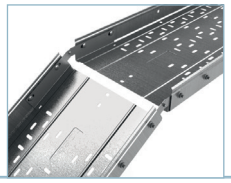
4/100 x B1 (204356 - GS // 206826 - GC // 204925 - i304 // 218388-i316)

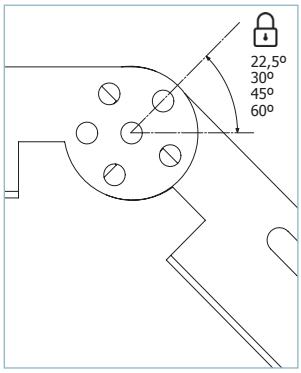


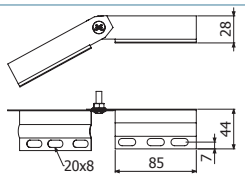
JUER-A 60



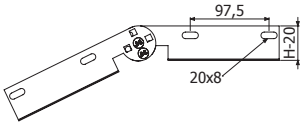
JUER-A 80/100

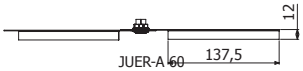




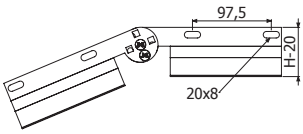


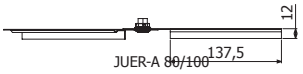
JUER-A 35





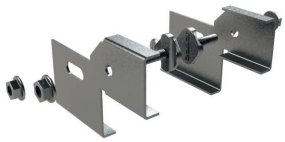
JUER-A 60

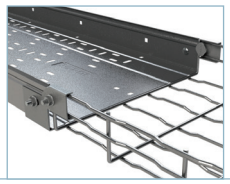




JUER-A 80/100

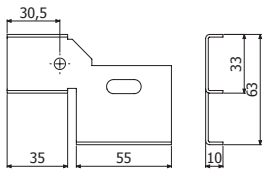
JUER-BFR





	i304		i316	
	REF.	kg/ud	REF.	kg/ud
JUER-BFR 60/65	207018	0,18	218387	0,18

10



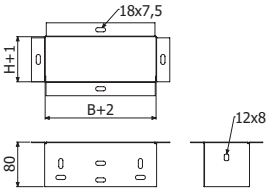
ACIT

N

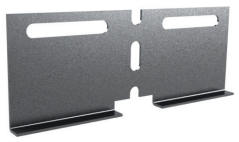


	B		GS	
	mm	inch	REF.	kg/ud
ACIT 100x80	100	4"	208342	0,24
ACIT 150x80	150	6"	208343	0,30
ACIT 200x80	200	8"	208344	0,37
ACIT 300x80	300	12"	208345	0,50
ACIT 400x80	400	16"	208346	0,63
ACIT 500x80	500	20"	208347	0,76
ACIT 600x80	600	24"	208348	1,89

4/100 x B1 (204356 - GS)



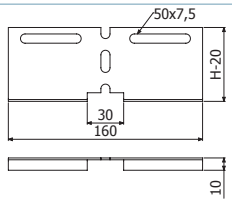
JUER-B





	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUER-B 35	35	1 3/8"	207204	0,12	207208	0,13	214249	0,12	☎	☎
JUER-B 60	60	2 3/8"	207205	0,08	204440	0,09	214250	0,08		
JUER-B 80	80	3 1/7"	207206	0,12	207209	0,13	214251	0,12	218447	0,12
JUER-B 100	100	4"	207207	0,15	207210	0,16	214252	0,15	☎	☎

2/100 x B1 (204356 - GS / 206826 - GC / 204925 - i304 / 218388-i316)

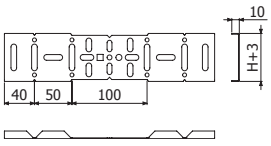


JUER-U



	H		GS		i304		i316
	mm	inch	REF.	kg/ud	REF.	kg/ud	
JUER-U 60	60	2 3/8"	205740	0,14	214241	0,14	
JUER-U 100	100	4"	214243	0,20	214242	0,20	

2/100 x B1 (204356 - GS / 206826 - GC / 204925 - i304)

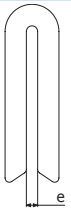


PBCH-20





	e	L	PVC	
	mm	m	REF.	kg/ud
PBCH-20	≤ 1	20	210086	0,07

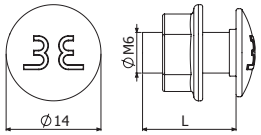


B1

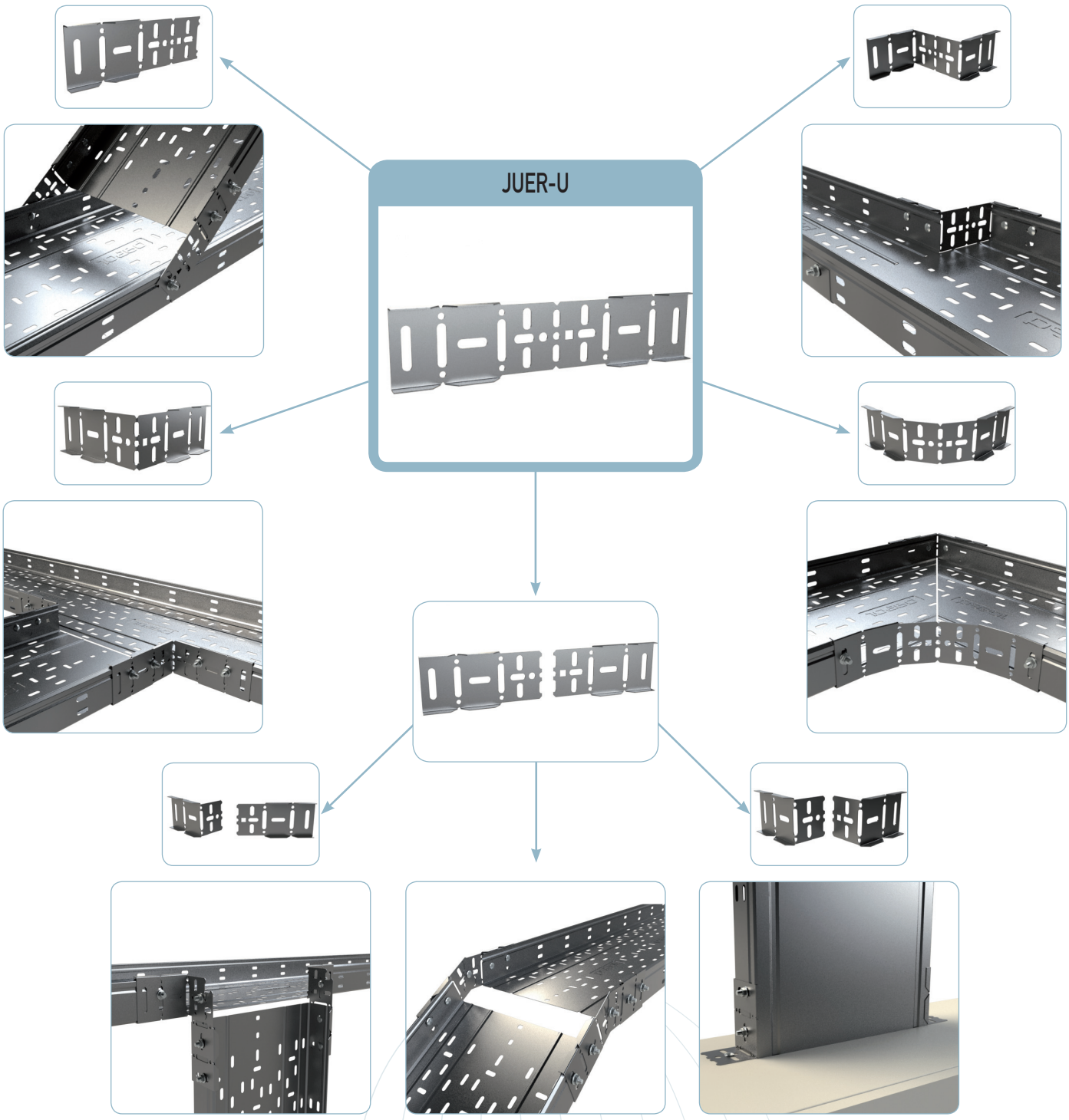


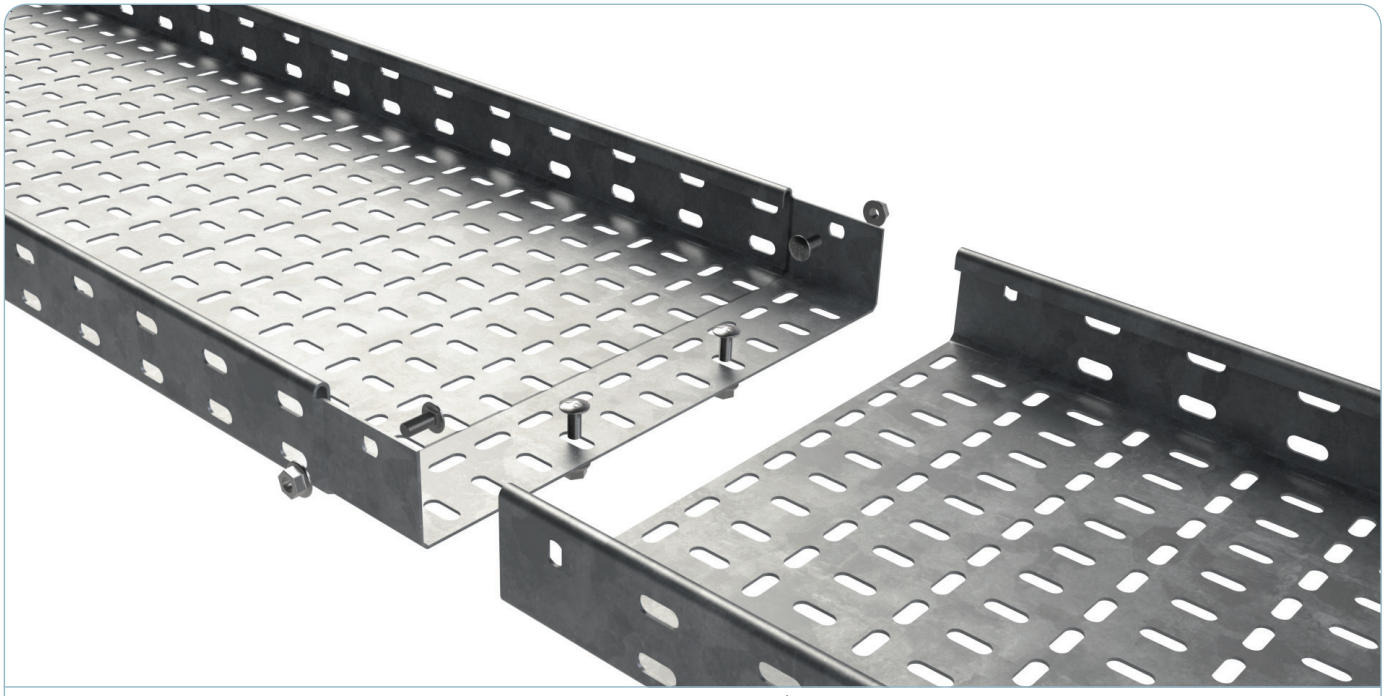
	L	Pap	EZ		GC		i304		i316	
	mm	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	204356	0,77	206826	0,80	-	-	-	-
B1-100	20	6	-	-	-	-	204925	0,79	218388	0,79

10



JUER-U





L > 100 m *
UNE-EN 61537
UNE-EN 50085

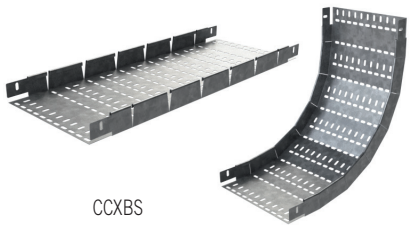
M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

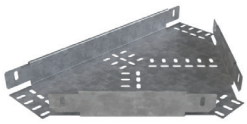
150°C
-50°C
UNE-EN 61537

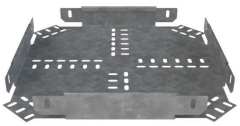
3 5-6
9B
UNE-EN 61537

20J
UNE-EN 61537

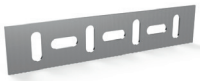

CPBS


CCXBS

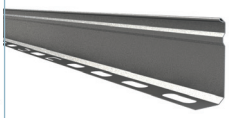

TEBS


CRBS


JUBS


JUBS-I

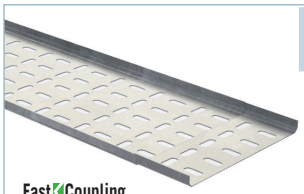

UCBS


PS


B1

		Filling Area											
B		H12 (1/2")		H18 (3/4")		H25 (1")		H50 (2")		H75 (3")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²	cm²	in²	cm²	in²
50	2	4	0,6	-	-	10	1,6	-	-	-	-	-	-
75	3	7	1,1	-	-	16	2,5	33	5,1	-	-	-	-
100	4	9	1,4	-	-	21	3,3	45	7,0	69	10,7	94	14,6
150	6	14	2,2	-	-	33	5,1	69	10,7	106	16,4	143	22,2
225	9	22	3,4	-	-	50	7,8	105	16,3	161	25,0	216	33,5
300	12	-	-	47	7,3	67	10,4	141	21,9	215	33,3	290	45,0
450	18	-	-	-	-	102	15,8	213	33,0	325	50,4	437	67,7
600	24	-	-	-	-	136	21,1	285	44,2	434	67,3	584	90,5
750	30	-	-	-	-	171	26,5	357	55,3	544	84,3	731	113,3
900	35	-	-	-	-	205	31,8	429	66,5	653	101,2	878	136,1

LD-BS H12 / H18 Fast Coupling

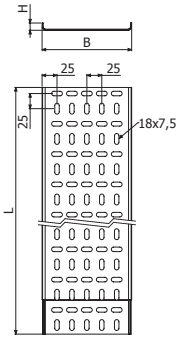


BS 75-225X12 / 300X18

L = 3 m

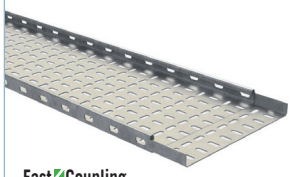
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
LD-BS 75x12	75	3"	12	1/2"	0,8	203659	0,53	203848	0,62	0,8	214994	0,53
LD-BS 100x12	100	4"	12	1/2"	0,8	203660	0,65	203849	0,76	0,8	214995	0,65
LD-BS 150x12	150	6"	12	1/2"	0,8	203661	0,91	203850	1,06	0,8	214996	0,91
LD-BS 225x12	225	9"	12	1/2"	0,8	203662	1,28	203851	1,45	0,8	214997	1,28
LD-BS 300x18	300	12"	18	3/4"	1,2	203663	2,60	203852	2,92	1,2	214998	2,60

4/100 x B1 (204356 EZ // 206826 GC) (204925 i304 // 211271 i316)



BS 75-225X12 / 300X18

MD-BS H25 Fast Coupling

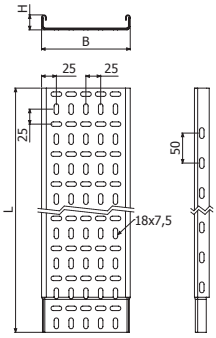


BS 75-600X25

L = 3 m

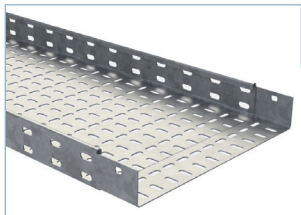
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
MD-BS 75x25	75	3"	25	1"	0,7	203709	0,71	203904	0,82	0,8	215000	0,81
MD-BS 100x25	100	4"	25	1"	0,7	203710	0,81	203905	0,95	0,8	215001	0,93
MD-BS 150x25	150	6"	25	1"	0,8	203711	1,15	203906	1,37	0,8	215002	1,15
MD-BS 225x25	225	9"	25	1"	0,8	203712	1,56	203907	1,81	0,8	215003	1,56
MD-BS 300x25	300	12"	25	1"	1	203713	2,39	203908	2,73	1	215004	2,39
MD-BS 450x25	450	18"	25	1"	1,2	203714	3,97	203909	4,45	1,2	215005	3,97
MD-BS 600x25	600	24"	25	1"	1,2	203715	5,11	203910	5,73	1,2	215006	5,11

4/100 x B1 (204356 EZ // 206826 GC) (204925 i304 // 211271 i316)



BS 75-600x25

HD-BS H50 Fast Coupling



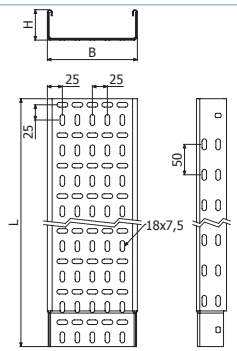
BS 75-600X50

FastCoupling

L = 3 m

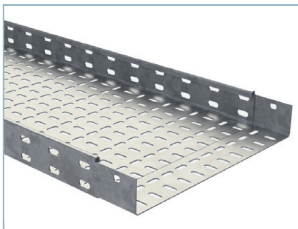
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
HD-BS 75x50	75	3"	50	2"	0,8	203785	1,12	203980	1,30	0,8	215007	1,12
HD-BS 100x50	100	4"	50	2"	0,8	203786	1,24	203981	1,44	0,8	215008	1,24
HD-BS 150x50	150	6"	50	2"	0,8	203787	1,49	203982	1,69	0,8	215009	1,49
HD-BS 225x50	225	9"	50	2"	1,2	203788	2,77	203983	3,11	1,2	215010	2,77
HD-BS 300x50	300	12"	50	2"	1,2	203789	3,36	203984	3,67	1,2	215011	3,36
HD-BS 450x50x1,5	450	18"	50	2"	1,5	203790	5,51	203985	6,07	1,2	215012	4,50
HD-BS 600x50x1,5	600	24"	50	2"	1,5	203791	6,26	203986	6,76	1,2	215013	5,63

4/100 x B1 (204356 EZ // 206826 GC) (204925 i304 // 211271 i316)



BS 75-600X50

EHD-BS H50 / H75 / H100 Fast Coupling



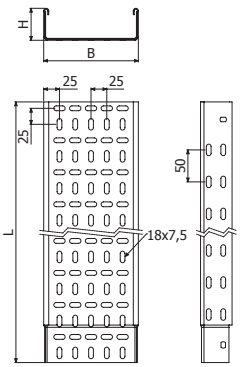
BS H50-H100X1,5

FastCoupling

L = 3 m

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
EHD-BS 100x50x1,5	100	4"	50	2"	1,5	215446	2,57
EHD-BS 150x50x1,5	150	6"	50	2"	1,5	215447	2,99
EHD-BS 225x50x1,5	225	9"	50	2"	1,5	215448	3,82
EHD-BS 300x50x1,5	300	12"	50	2"	1,5	215449	4,53
EHD-BS 450x50x1,5	450	18"	50	2"	1,5	203985	6,07
EHD-BS 600x50x1,5	600	24"	50	2"	1,5	203986	7,63
EHD-BS 100x75x1,5	100	4"	75	3"	1,5	215454	3,07
EHD-BS 150x75x1,5	150	6"	75	3"	1,5	215455	3,58
EHD-BS 225x75x1,5	225	9"	75	3"	1,5	215456	4,35
EHD-BS 300x75x1,5	300	12"	75	3"	1,5	215457	5,11
EHD-BS 450x75x1,5	450	18"	75	3"	1,5	215458	6,62
EHD-BS 600x75x1,5	600	24"	75	3"	1,5	215459	8,18
EHD-BS 100x100x1,5	100	4"	100	4"	1,5	215462	3,66
EHD-BS 150x100x1,5	150	6"	100	4"	1,5	215463	4,17
EHD-BS 225x100x1,5	225	9"	100	4"	1,5	215464	4,94
EHD-BS 300x100x1,5	300	12"	100	4"	1,5	215465	5,71
EHD-BS 450x100x1,5	450	18"	100	4"	1,5	215466	7,17
EHD-BS 600x100x1,5	600	24"	100	4"	1,5	215467	8,73

4/100 x B1 (204356 EZ // 206826 GC) (204925 i304 // 211271 i316)



BS H50-H100X1,5

BS H12

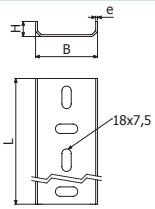


BS 50X12

L = 3 m

	B		H		e	GS		GC		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BS 50x12	50	2"	12	1/2"	0,8	203658	0,44	203847	0,51	214993	0,44

1 x JUBS-I



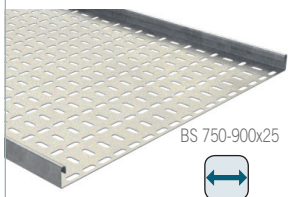
BS 50x12

BS H25



BS 50x25

L = 3 m



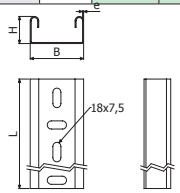
BS 750-900x25

L = 2 m

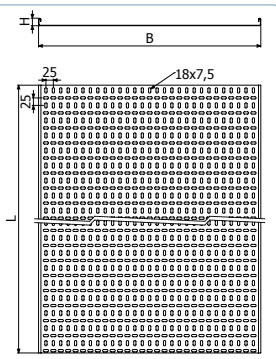
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
BS 50X25	50	2"	25	1"	0,7	203708	0,63	203903	0,78	0,8	214999	0,67
BS 750x25x1,5 2M	750	30"	25	1"	1,5	203716	9,78	203911	10,76	-	-	-
BS 900x25x1,5 2M	900	36"	25	1"	1,5	203717	11,58	203912	12,74	-	-	-

BS 50 1 x JUBS-I

BS 750/900 2 x JUBS /JUBS-I

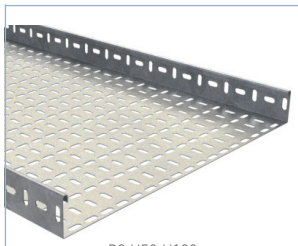


BS 50x25



BS 750-900x25

BS H50 / H75 /H100



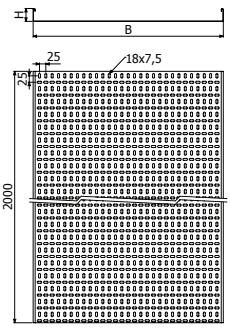
BS H50-H100

L=3m

750/900 - L=2m

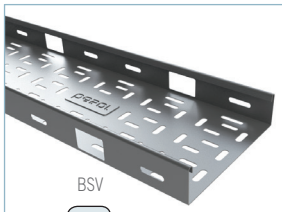
	B		H		e	GS		GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
BS 100x50x1,5	100	4"	50	2"	1,5	-	-	-	-	218480	2,59	218494	2,59
BS 150x50x1,5	150	6"	50	2"	1,5	-	-	-	-	218481	3,19	218495	3,19
BS 225x50x1,5	225	9"	50	2"	1,5	-	-	-	-	218482	4,09	218496	4,09
BS 300x50x1,5	300	12"	50	2"	1,5	-	-	-	-	218483	4,99	218497	4,99
BS 450x50x1,5	450	18"	50	2"	1,5	-	-	-	-	218484	6,79	218498	6,79
BS 600x50x1,5	600	24"	50	2"	1,5	-	-	-	-	218485	8,59	218499	8,54
BS 750x50x1,5 2M	750	30"	50	2"	1,5	203792	10,38	203987	11,42	-	-	215014	10,38
BS 900x50x1,5 2M	900	36"	50	2"	1,5	203793	12,18	203988	13,40	-	-	215015	12,18
BS 100x75x1,5	100	4"	75	3"	1,5	-	-	-	-	218064	3,19	218394	3,19
BS 150x75x1,5	150	6"	75	3"	1,5	-	-	-	-	218065	3,79	218395	3,79
BS 225x75x1,5	225	9"	75	3"	1,5	-	-	-	-	218066	4,69	218396	4,69
BS 300x75x1,5	300	12"	75	3"	1,5	-	-	-	-	218067	5,59	218397	5,59
BS 450x75x1,5	450	18"	75	3"	1,5	-	-	-	-	218068	7,39	218398	7,39
BS 600x75x1,5	600	24"	75	3"	1,5	-	-	-	-	218069	9,19	218399	9,19
BS 100x100x1,5	100	4"	100	4"	1,5	-	-	-	-	218486	3,79	218500	3,79
BS 150x100x1,5	150	6"	100	4"	1,5	-	-	-	-	218487	4,39	218501	4,39
BS 225x100x1,5	225	9"	100	4"	1,5	-	-	-	-	218488	5,29	218502	5,29
BS 300x100x1,5	300	12"	100	4"	1,5	-	-	-	-	218489	6,19	218503	6,19
BS 450x100x1,5	450	18"	100	4"	1,5	-	-	-	-	218490	7,99	218504	7,99
BS 600x100x1,5	600	24"	100	4"	1,5	-	-	-	-	218491	9,79	218505	9,79
BS 750x50x2 2M	750	30"	50	2"	2	-	-	215452	7,46	-	-	-	-
BS 900x50x2 2M	900	36"	50	2"	2	-	-	215453	9,44	-	-	-	-
BS 750x75x2 2M	750	30"	75	3"	2	-	-	215460	15,72	-	-	-	-
BS 900x75x2 2M	900	36"	75	3"	2	-	-	215461	18,30	-	-	-	-
BS 600x100x2 2M	600	24"	100	4"	2	-	-	215468	14,00	-	-	-	-
BS 750x100x2 2M	750	30"	100	4"	2	-	-	215469	16,58	-	-	-	-
BS 900x100x2 2M	900	36"	100	4"	2	-	-	215470	19,16	-	-	-	-

2 x JUBS /JUBS-I



BS H50-H100

BSV

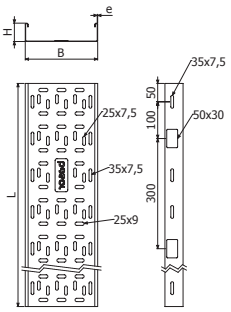


BSV

L = 3 m

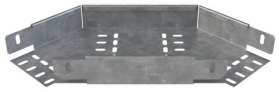
	B		H		e	GS	
	mm	inch	mm	inch	mm	REF.	kg/m
BSV 50X50X0,8 3M	50	2”	50	2”	0,8	218534	0,99
BSV 100X50X0,8 3M	100	4”	50	2”	0,8	218535	1,28
BSV 150X50X0,8 3M	150	6”	50	2”	0,8	218536	1,54
BSV 200X50X0,8 3M	200	8”	50	2”	0,8	218537	1,81
BSV 300X50X0,8 3M	300	12”	50	2”	0,8	218538	2,34

2 x JUBS /JUBS-I



BS H50-H100X2

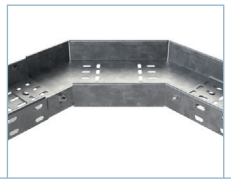
CPBS

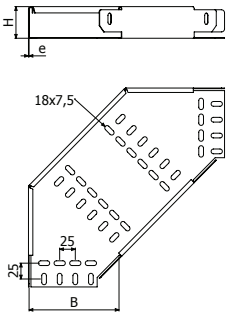


	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
CPBS 50X12	50	2"	12	1/2"	0,8	204321	0,20	203863	0,23	0,8	215016	0,20
CPBS 75X12	75	3"	12	1/2"	0,8	203669	0,25	203864	0,29	0,8	215017	0,25
CPBS 100X12	100	4"	12	1/2"	0,8	203670	0,32	203865	0,37	0,8	215018	0,32
CPBS 150X12	150	6"	12	1/2"	0,8	203671	0,48	203866	0,56	0,8	215019	0,48
CPBS 225X12	225	9"	12	1/2"	0,8	203672	0,76	203867	0,88	0,8	215020	0,76
CPBS 300X18	300	12"	18	3/4"	1,2	203673	1,63	203868	1,83	1,2	215021	1,63
CPBS 50X25	50	2"	25	1"	0,7	203745	0,20	203940	0,23	0,8	215022	0,23
CPBS 75X25	75	3"	25	1"	0,7	203746	0,25	203941	0,29	0,8	215023	0,29
CPBS 100X25	100	4"	25	1"	0,7	203747	0,31	203942	0,36	0,8	215024	0,35
CPBS 150X25	150	6"	25	1"	0,8	203748	0,52	203943	0,60	0,8	215025	0,52
CPBS 225X25	225	9"	25	1"	0,8	203749	0,81	203944	0,94	0,8	215026	0,81
CPBS 300X25	300	12"	25	1"	1	203750	1,46	203945	1,66	1	215027	1,46
CPBS 450X25	450	18"	25	1"	1,2	203751	3,09	203946	3,46	1,2	215028	3,09
CPBS 600X25	600	24"	25	1"	1,2	203752	4,78	203947	5,35	1,2	215029	4,78
CPBS 750X25	750	30"	25	1"	1,5	203753	8,54	203948	9,39	1,5	211309	8,54
CPBS 900X25	900	36"	25	1"	1,5	203754	11,55	203949	12,71	1,5	211310	11,55
CPBS 75X50	75	3"	50	2"	0,8	203811	0,39	204006	0,45	0,8	215030	0,39
CPBS 100X50	100	4"	50	2"	0,8	203812	0,47	204007	0,55	0,8	215031	0,47
CPBS 150X50	150	6"	50	2"	0,8	203813	0,64	204008	0,74	0,8	215032	0,64
CPBS 225X50	225	9"	50	2"	1,2	203814	1,44	204009	1,61	1,2	215033	1,44
CPBS 300X50	300	12"	50	2"	1,2	203815	2,01	204010	2,25	1,2	215034	2,01
CPBS 450X50x1,5	450	18"	50	2"	1,5	203816	4,26	204011	4,69	1,5	215035	4,26
CPBS 600X50x1,5	600	24"	50	2"	1,5	203817	6,45	204012	7,10	1,5	215036	6,45
CPBS 750X50x1,5	750	30"	50	2"	1,5	203818	9,10	204013	10,01	1,5	215037	9,10
CPBS 900X50x1,5	900	36"	50	2"	1,5	203819	12,19	204014	13,41	1,5	215038	12,19

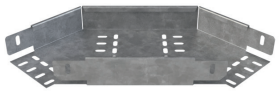


4/100 x B1 (204356 EZ // 206826 GC // 218388 I316)





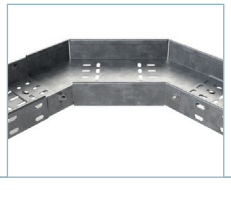
CPBS Extra Heavy Duty

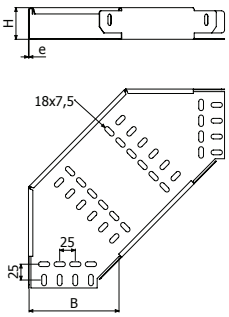


	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPBS 100X50X1.5	100	4"	50	2"	1,5	215471	0,96
CPBS 150X50X1.5	150	6"	50	2"	1,5	215472	1,33
CPBS 225X50X1.5	225	9"	50	2"	1,5	215473	1,98
CPBS 300X50X1.5	300	12"	50	2"	1,5	215474	2,76
CPBS 450X50X1.5	450	18"	50	2"	1,5	204011	4,68
CPBS 600X50X1.5	600	24"	50	2"	1,5	204012	7,10
CPBS 750X50X2	750	30"	50	2"	2	215477	13,04
CPBS 900X50X2	900	36"	50	2"	2	215478	17,47
CPBS 100X75X1.5	100	4"	75	3"	1,5	215479	1,20
CPBS 150X75X1.5	150	6"	75	3"	1,5	215480	1,59
CPBS 225X75X1.5	225	9"	75	3"	1,5	215481	2,29
CPBS 300X75X1.5	300	12"	75	3"	1,5	215482	3,10
CPBS 450X75X1.5	450	18"	75	3"	1,5	215483	5,11
CPBS 600X75X1.5	600	24"	75	3"	1,5	215484	7,65
CPBS 750X75X2	750	30"	75	3"	2	215485	13,81
CPBS 900X75X2	900	36"	75	3"	2	215486	18,34
CPBS 100X100X1.5	100	4"	100	4"	1,5	215487	1,43
CPBS 150X100X1.5	150	6"	100	4"	1,5	215488	1,85
CPBS 225X100X1.5	225	9"	100	4"	1,5	215489	2,59
CPBS 300X100X1.5	300	12"	100	4"	1,5	215490	3,45
CPBS 450X100X1.5	450	18"	100	4"	1,5	215491	5,54
CPBS 600X100X1.5	600	24"	100	4"	1,5	215492	8,12
CPBS 600X100X2	600	24"	100	4"	2	215493	10,58
CPBS 750X100X2	750	30"	100	4"	2	215494	14,58
CPBS 900X100X2	900	36"	100	4"	2	215495	19,22

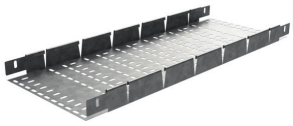


4/100 x B1 (206826 GC)

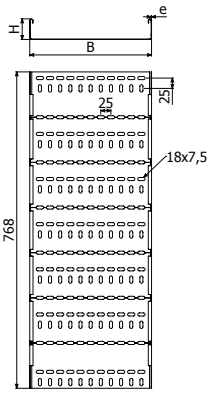


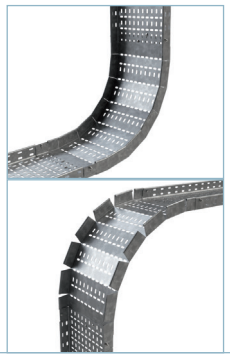


CCXBS



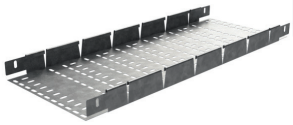
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
CCXBS 50X12	50	2"	12	1/2"	0,8	204229	0,36	204258	0,41	0,8	215039	0,36
CCXBS 75X12	75	3"	12	1/2"	0,8	204230	0,48	204259	0,56	0,8	215040	0,48
CCXBS 100X12	100	4"	12	1/2"	0,8	204231	0,60	204260	0,70	0,8	215041	0,60
CCXBS 150X12	150	6"	12	1/2"	0,8	204232	0,85	204261	0,98	0,8	215042	0,85
CCXBS 225X12	225	9"	12	1/2"	0,8	204233	1,22	204262	1,41	0,8	215043	1,22
CCXBS 300X18	300	12"	18	3/4"	1,2	204234	2,46	204263	2,75	1,2	215044	2,46
CCXBS 50X25	50	2"	25	1"	0,7	204239	0,50	204268	0,58	0,8	215045	0,57
CCXBS 75X25	75	3"	25	1"	0,7	204240	0,60	204269	0,71	0,8	215046	0,69
CCXBS 100X25	100	4"	25	1"	0,7	204241	0,71	204270	0,83	0,8	215047	0,81
CCXBS 150X25	150	6"	25	1"	0,8	204242	1,06	204271	1,23	0,8	215048	1,06
CCXBS 225X25	225	9"	25	1"	0,8	204243	1,43	204272	1,66	0,8	215049	1,43
CCXBS 300X25	300	12"	25	1"	1	204244	2,25	204273	2,57	1	215050	2,25
CCXBS 450X25	450	18"	25	1"	1,2	204245	3,81	204274	4,27	1,2	215051	3,81
CCXBS 600X25	600	24"	25	1"	1,2	204246	4,92	204275	5,51	1,2	215052	4,92
CCXBS 750X25x1,5	750	30"	25	1"	1,5	204247	7,54	204276	8,29	1,5	211349	7,54
CCXBS 900X25x1,5	900	36"	25	1"	1,5	204248	8,93	204277	9,82	1,5	211350	8,93
CCXBS 75X50	75	3"	50	2"	0,8	204249	0,94	204278	1,09	0,8	215053	0,94
CCXBS 100X50	100	4"	50	2"	0,8	204250	1,06	204279	1,23	0,8	215054	1,06
CCXBS 150X50	150	6"	50	2"	0,8	204251	1,31	204280	1,52	0,8	215055	1,31
CCXBS 225X50	225	9"	50	2"	1,2	204252	2,52	204281	2,82	1,2	215056	2,52
CCXBS 300X50	300	12"	50	2"	1,2	204253	3,07	204282	3,44	1,2	215057	3,07
CCXBS 450X50x1,5	450	18"	50	2"	1,5	204254	5,23	204283	5,75	1,5	215058	5,23
CCXBS 600X50x1,5	600	24"	50	2"	1,5	204255	6,62	204284	7,28	1,5	215059	6,62
CCXBS 750X50x1,5	750	30"	50	2"	1,5	204256	8,00	204285	8,80	1,5	215060	8,00
CCXBS 900X50x1,5	900	36"	50	2"	1,5	204257	9,39	204286	10,33	1,5	215061	9,39



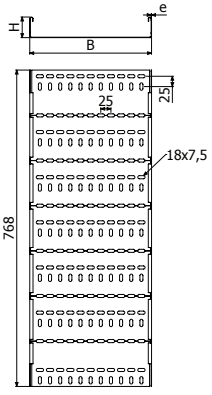


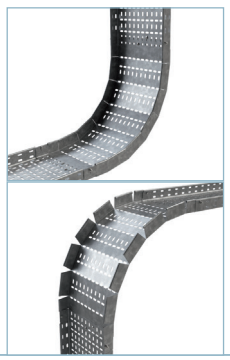
4/100 x B1 (204356 EZ // 206826 GC // 218388 I316)

CCXBS Extra Heavy Duty



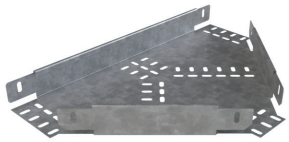
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCXBS 100X50X1,5	100	4"	50	2"	1,5	215496	2,19
CCXBS 150X50X1,5	150	6"	50	2"	1,5	215497	2,70
CCXBS 225X50X1,5	225	9"	50	2"	1,5	215498	3,46
CCXBS 300X50X1,5	300	12"	50	2"	1,5	215499	4,22
CCXBS 450X50X1,5	450	18"	50	2"	1,5	204283	5,75
CCXBS 600X50X1,5	600	24"	50	2"	1,5	204284	7,28
CCXBS 750X50X2	750	30"	50	2"	2	215502	11,47
CCXBS 900X50X2	900	36"	50	2"	2	215503	13,46
CCXBS 100X75X1,5	100	4"	75	3"	1,5	215504	2,70
CCXBS 150X75X1,5	150	6"	75	3"	1,5	215505	3,21
CCXBS 225X75X1,5	225	9"	75	3"	1,5	215506	3,97
CCXBS 300X75X1,5	300	12"	75	3"	1,5	215507	4,73
CCXBS 450X75X1,5	450	18"	75	3"	1,5	215508	6,26
CCXBS 600X75X1,5	600	24"	75	3"	1,5	215509	7,79
CCXBS 750X75X2	750	30"	75	3"	2	215510	12,13
CCXBS 900X75X2	900	36"	75	3"	2	215511	14,12
CCXBS 100X100X1,5	100	4"	100	4"	1,5	215512	3,21
CCXBS 150X100X1,5	150	6"	100	4"	1,5	215513	3,71
CCXBS 225X100X1,5	225	9"	100	4"	1,5	215514	4,48
CCXBS 300X100X1,5	300	12"	100	4"	1,5	215515	5,24
CCXBS 450X100X1,5	450	18"	100	4"	1,5	215516	6,77
CCXBS 600X100X1,5	600	24"	100	4"	1,5	215517	8,29
CCXBS 600X100X2	600	24"	100	4"	2	215518	10,81
CCXBS 750X100X2	750	30"	100	4"	2	215519	12,80
CCXBS 900X100X2	900	36"	100	4"	2	215520	14,79



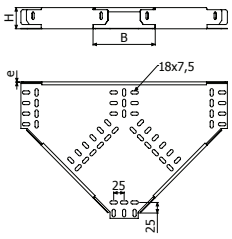


4/100 x B1 (206826 GC)

TEBS

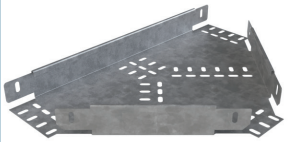


	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
TEBS 50X12	50	2"	12	1/2"	0,8	203688	0,47	203883	0,54	0,8	215085	0,47
TEBS 75X12	75	3"	12	1/2"	0,8	203689	0,55	203884	0,64	0,8	215086	0,55
TEBS 100X12	100	4"	12	1/2"	0,8	203690	0,63	203885	0,73	0,8	215087	0,63
TEBS 150X12	150	6"	12	1/2"	0,8	203691	0,82	203886	0,95	0,8	215088	0,82
TEBS 225X12	225	9"	12	1/2"	0,8	203692	1,15	203887	1,34	0,8	215089	1,15
TEBS 300X18	300	12"	18	3/4"	1,2	203693	2,33	203888	2,61	1,2	215090	2,33
TEBS 50X25	50	2"	25	1"	0,7	203765	0,45	203960	0,52	0,8	215091	0,51
TEBS 75X25	75	3"	25	1"	0,7	203766	0,52	203961	0,61	0,8	215092	0,59
TEBS 100X25	100	4"	25	1"	0,7	203767	0,60	203962	0,70	0,8	215093	0,69
TEBS 150X25	150	6"	25	1"	0,8	203768	0,88	203963	1,02	0,8	215094	0,88
TEBS 225X25	225	9"	25	1"	0,8	203769	1,21	203964	1,41	0,8	215095	1,21
TEBS 300X25	300	12"	25	1"	1	203770	2,01	203965	2,29	1	215096	2,01
TEBS 450X25	450	18"	25	1"	1,2	203771	3,83	203966	4,29	1,2	215097	3,83
TEBS 600X25	600	24"	25	1"	1,2	203772	5,57	203967	6,24	1,2	215098	5,57
TEBS 750X25x1,5	750	30"	25	1"	1,5	203773	9,55	203968	10,50	1,5	215066	9,55
TEBS 900X25x1,5	900	36"	25	1"	1,5	203774	12,53	203969	13,79	1,5	215067	12,53
TEBS 75X50	75	3"	50	2"	0,8	203829	0,70	204024	0,81	0,8	215099	0,70
TEBS 100X50	100	4"	50	2"	0,8	203830	0,80	204025	0,92	0,8	215100	0,80
TEBS 150X50	150	6"	50	2"	0,8	203831	1,00	204026	1,16	0,8	215101	1,00
TEBS 225X50	225	9"	50	2"	1,2	203832	2,05	204027	2,30	1,2	215102	2,05
TEBS 300X50	300	12"	50	2"	1,2	203833	2,67	204028	2,99	1,2	215103	2,67
TEBS 450X50x1,5	450	18"	50	2"	1,5	203834	5,20	204029	5,72	1,5	215104	5,20
TEBS 600X50x1,5	600	24"	50	2"	1,5	203835	7,46	204030	8,20	1,5	215105	7,46
TEBS 750X50x1,5	750	30"	50	2"	1,5	203836	10,12	204031	11,14	1,5	215106	10,12
TEBS 900X50x1,5	900	36"	50	2"	1,5	203837	13,20	204032	14,51	1,5	215107	13,20

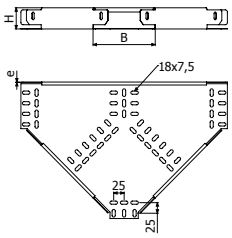


4/100 x B1 (204356 EZ // 206826 GC // 218388 I316)

TEBS Extra Heavy Duty

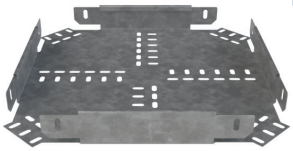


	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TEBS 100X50X1,5	100	4"	50	2"	1,5	215546	1,64
TEBS 150X50X1,5	150	6"	50	2"	1,5	215547	2,08
TEBS 225X50X1,5	225	9"	50	2"	1,5	215548	2,82
TEBS 300X50X1,5	300	12"	50	2"	1,5	215549	3,67
TEBS 450X50X1,5	450	18"	50	2"	1,5	204029	5,72
TEBS 600X50X1,5	600	24"	50	2"	1,5	204030	8,20
TEBS 750X50X2	750	30"	50	2"	2	215552	14,51
TEBS 900X50X2	900	36"	50	2"	2	215553	18,91
TEBS 100X75X1,5	100	4"	75	3"	1,5	215554	1,90
TEBS 150X75X1,5	150	6"	75	3"	1,5	215555	2,36
TEBS 225X75X1,5	225	9"	75	3"	1,5	215556	3,15
TEBS 300X75X1,5	300	12"	75	3"	1,5	215557	4,05
TEBS 450X75X1,5	450	18"	75	3"	1,5	215558	6,18
TEBS 600X75X1,5	600	24"	75	3"	1,5	215559	8,76
TEBS 750X75X2	750	30"	75	3"	2	215560	15,35
TEBS 900X75X2	900	36"	75	3"	2	215561	19,87
TEBS 100X100X1,5	100	4"	100	4"	1,5	215562	2,16
TEBS 150X100X1,5	150	6"	100	4"	1,5	215563	2,66
TEBS 225X100X1,5	225	9"	100	4"	1,5	215564	3,49
TEBS 300X100X1,5	300	12"	100	4"	1,5	215565	4,44
TEBS 450X100X1,5	450	18"	100	4"	1,5	215566	6,66
TEBS 600X100X1,5	600	24"	100	4"	1,5	215567	9,33
TEBS 600X100X2	600	24"	100	4"	2	215568	12,15
TEBS 750X100X2	750	30"	100	4"	2	215569	16,21
TEBS 900X100X2	900	36"	100	4"	2	215570	20,85

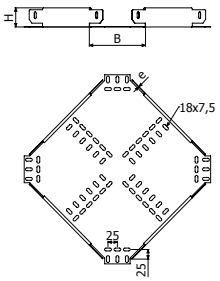


4/100 x B1 (206826 GC)

CRBS

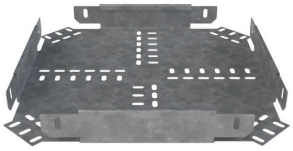


	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
CRBS 50X12	50	2"	12	1/2"	0,8	203698	0,72	203893	0,84	0,8	215108	0,72
CRBS 75X12	75	3"	12	1/2"	0,8	203699	0,82	203894	0,95	0,8	215109	0,82
CRBS 100X12	100	4"	12	1/2"	0,8	203700	0,92	203895	1,06	0,8	215110	0,92
CRBS 150X12	150	6"	12	1/2"	0,8	203701	1,14	203896	1,32	0,8	215111	1,14
CRBS 225X12	225	9"	12	1/2"	0,8	203702	1,51	203897	1,75	0,8	215112	1,51
CRBS 300X18	300	12"	18	3/4"	1,2	203703	2,91	203898	3,26	1,2	215113	2,91
CRBS 50X25	50	2"	25	1"	0,7	203775	0,63	203970	0,74	0,8	215114	0,72
CRBS 75X25	75	3"	25	1"	0,7	203776	0,71	203971	0,84	0,8	215115	0,81
CRBS 100X25	100	4"	25	1"	0,7	203777	0,80	203972	0,94	0,8	215116	0,91
CRBS 150X25	150	6"	25	1"	0,8	203778	1,14	203973	1,32	0,8	215117	1,14
CRBS 225X25	225	9"	25	1"	0,8	203779	1,51	203974	1,75	0,8	215118	1,51
CRBS 300X25	300	12"	25	1"	1	203780	2,42	203975	2,76	1	215119	2,42
CRBS 450X25	450	18"	25	1"	1,2	203781	4,43	203976	4,97	1,2	215120	4,43
CRBS 600X25	600	24"	25	1"	1,2	203782	6,28	203977	7,03	1,2	215121	6,28
CRBS 750X25x1,5	750	30"	25	1"	1,5	203783	10,55	203978	11,61	1,5	215072	10,55
CRBS 900X25x1,5	900	36"	25	1"	1,5	203784	13,65	203979	15,02	1,5	215073	13,65
CRBS 75X50	75	3"	50	2"	0,8	203838	0,89	204033	1,03	0,8	215122	0,89
CRBS 100X50	100	4"	50	2"	0,8	203839	0,99	204034	1,15	0,8	215123	0,99
CRBS 150X50	150	6"	50	2"	0,8	203840	1,22	204035	1,42	0,8	215124	1,22
CRBS 225X50	225	9"	50	2"	1,2	203841	2,41	204036	2,70	1,2	215125	2,41
CRBS 300X50	300	12"	50	2"	1,2	203842	3,08	204037	3,44	1,2	215126	3,08
CRBS 450X50x1,5	450	18"	50	2"	1,5	203843	5,80	204038	6,38	1,5	215127	5,80
CRBS 600X50x1,5	600	24"	50	2"	1,5	203844	8,15	204039	8,96	1,5	215128	8,15
CRBS 750X50x1,5	750	30"	50	2"	1,5	203845	10,90	204040	11,99	1,5	215129	10,90
CRBS 900X50x1,5	900	36"	50	2"	1,5	203846	14,05	204041	15,46	1,5	215130	14,05

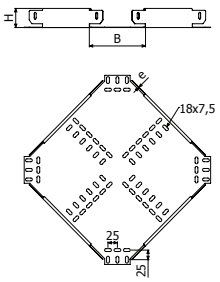


4/100 x B1 (204356 EZ // 206826 GC // 218388 I316)

CRBS Extra Heavy Duty

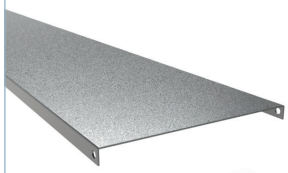


	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CRBS 100X50X1,5	100	4"	50	2"	1,5	215571	2,05
CRBS 150X50X1,5	150	6"	50	2"	1,5	215572	2,52
CRBS 225X50X1,5	225	9"	50	2"	1,5	215573	3,32
CRBS 300X50X1,5	300	12"	50	2"	1,5	215574	4,23
CRBS 450X50X1,5	450	18"	50	2"	1,5	204038	6,38
CRBS 600X50X1,5	600	24"	50	2"	1,5	204039	8,96
CRBS 750X50X2	750	30"	50	2"	2	215577	15,63
CRBS 900X50X2	900	36"	50	2"	2	215578	20,14
CRBS 100X75X1,5	100	4"	75	3"	1,5	215579	2,21
CRBS 150X75X1,5	150	6"	75	3"	1,5	215580	2,70
CRBS 225X75X1,5	225	9"	75	3"	1,5	215581	3,53
CRBS 300X75X1,5	300	12"	75	3"	1,5	215582	4,46
CRBS 450X75X1,5	450	18"	75	3"	1,5	215583	6,66
CRBS 600X75X1,5	600	24"	75	3"	1,5	215584	9,30
CRBS 750X75X2	750	30"	75	3"	2	215585	16,14
CRBS 900X75X2	900	36"	75	3"	2	215586	20,72
CRBS 100X100X1,5	100	4"	100	4"	1,5	215587	2,38
CRBS 150X100X1,5	150	6"	100	4"	1,5	215588	2,89
CRBS 225X100X1,5	225	9"	100	4"	1,5	215589	3,74
CRBS 300X100X1,5	300	12"	100	4"	1,5	215590	4,70
CRBS 450X100X1,5	450	18"	100	4"	1,5	215591	6,96
CRBS 600X100X1,5	600	24"	100	4"	1,5	215592	9,65
CRBS 600X100X2	600	24"	100	4"	2	215593	12,58
CRBS 750X100X2	750	30"	100	4"	2	215594	16,66
CRBS 900X100X2	900	36"	100	4"	2	215595	21,31



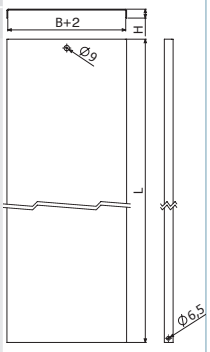
4/100 x B1 (206826 GC)

TBS



L = 3 m (10 ft)
L = 2 m (6,56 ft)

	L		B		H		e	GS		GC		i304		i316	
	m	ft	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TBS 75X1 3M	3	10	75	3"	15	3/5"	1	215521	0,89	215530	0,98				
TBS 100X1 3M	3	10	100	4"	15	3/5"	1	215522	1,09	215531	1,20				
TBS 150X1 3M	3	10	150	6"	15	3/5"	1	215523	1,49	215532	1,64				
TBS 225X1 3M	3	10	225	9"	15	3/5"	1	215524	2,09	215533	2,30				
TBS 300X1 3M	3	10	300	12"	15	3/5"	1	215525	2,69	215534	2,96	☎	☎	☎	☎
TBS 450X1.2 3M	3	10	450	18"	15	3/5"	1,2	215526	4,67	215535	5,13				
TBS 600X1.2 3M	3	10	600	24"	15	3/5"	1,2	215527	6,11	215536	6,72				
TBS 750X1.5 2M	2	6,56	750	30"	15	3/5"	1,5	215528	9,43	215537	10,38				
TBS 900X1.5 2M	2	6,56	900	36"	15	3/5"	1,5	215529	11,23	215538	12,36				
TBS 100X1,5 3M	3	10	100	4"	15	3/5"	1,5					218070	13,36	218400	13,36
TBS 150X1,5 3M	3	10	150	6"	15	3/5"	1,5					218071	14,36	218401	14,36
TBS 225X1,5 3M	3	10	225	9"	15	3/5"	1,5					218072	15,36	218402	15,36
TBS 300X1,5 3M	3	10	300	12"	15	3/5"	1,5	☎	☎	☎	☎	218073	16,36	218403	16,36
TBS 450X1,5 3M	3	10	450	18"	15	3/5"	1,5					218074	17,36	218404	17,36
TBS 600X1,5 3M	3	10	600	24"	15	3/5"	1,5					218075	18,36	218405	18,36

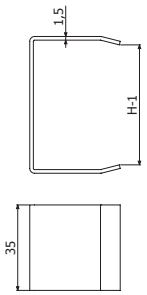


PTU



	H		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud
PTU H12	12	1/2"	214474	0,04	203998	0,04
PTU H25	25	1"	214476	0,05	203999	0,05
PTU H50	50	2"	203465	0,06	204000	0,06
PTU H75	75	3"	214475	0,07	204001	0,07
PTU H100	100	4"	203466	0,08	204002	0,08

4 x PTU => 1 x TBS



JUBS



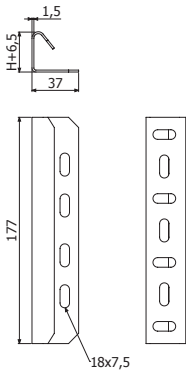
JUBS 25



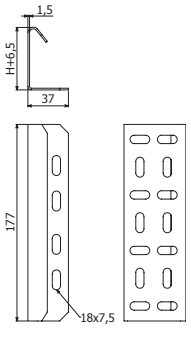
JUBS 50 / JUBS 75 / JUBS 100

	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBS 25	25	1"	203724	0,25	203919	0,27	☎	☎	215134	0,25
JUBS 50	50	2"	203801	0,36	203996	0,39	218492	0,36	215135	0,36
JUBS 75	75	3"	☎	☎	215598	0,51	218076	0,59	218406	0,59
JUBS 100	100	4"			215599	0,63	218493	0,58	218506	0,58

4/100 x B1 (204356 EZ / 206826 GC / 204925-i304 / 218388-i316)

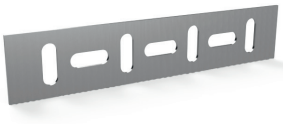


JUBS 25

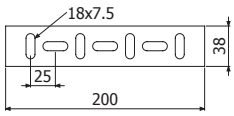


JUBS 50 / JUBS 75 / JUBS 100

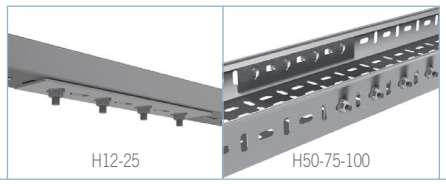
JUBS-I



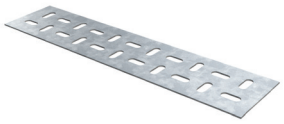
	H		GS		GC		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBS-I 12 / 25 / 50	50	2"	203800	0,06	203995	0,07	215133	0,06
JUBS-I 75	75	3"	☎	☎	215596	0,08	☎	☎
JUBS-I 100	100	4"			215475	0,09		



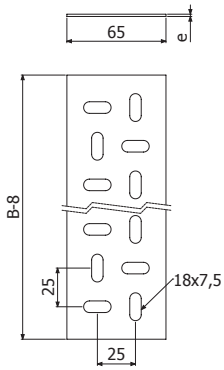
4/100 x B1 (204356 EZ // 206826 GC // 218388 I316)



UCBS

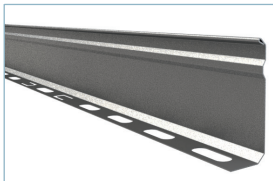


	B		e	GC	
	mm	inch	mm	REF.	kg/m
UCBS 75	75	3"	1,5	214480	0,05
UCBS 100	100	4"	1,5	214481	0,07
UCBS 150	150	6"	1,5	214482	0,10
UCBS 225	225	9"	1,5	214483	0,16
UCBS 300	300	12"	1,5	214484	0,21
UCBS 450	450	18"	1,5	214485	0,32
UCBS 600	600	24"	1,5	214486	0,43
UCBS 750	750	30"	1,5	214487	0,53
UCBS 900	900	36"	1,5	214488	0,64

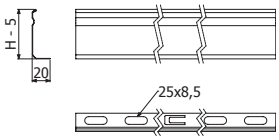


4/100 x B1 (206826 - GC)

PS



	H		GS		GC		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
PS 35	35	1 3/8"	203476	0,29	203479	0,29	215544	0,29
PS 60	60	2 3/8"	202066	0,34	203480	0,43	215545	0,34
PS 100	100	4"	203478	0,56	203482	0,76	215500	0,56



1/100 x B1 (500 ↔ 500 mm) (204356 - GS // 206826 - GC // 218388 I316)

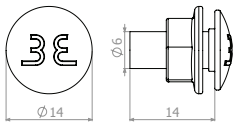
L = 3 m (10 ft)

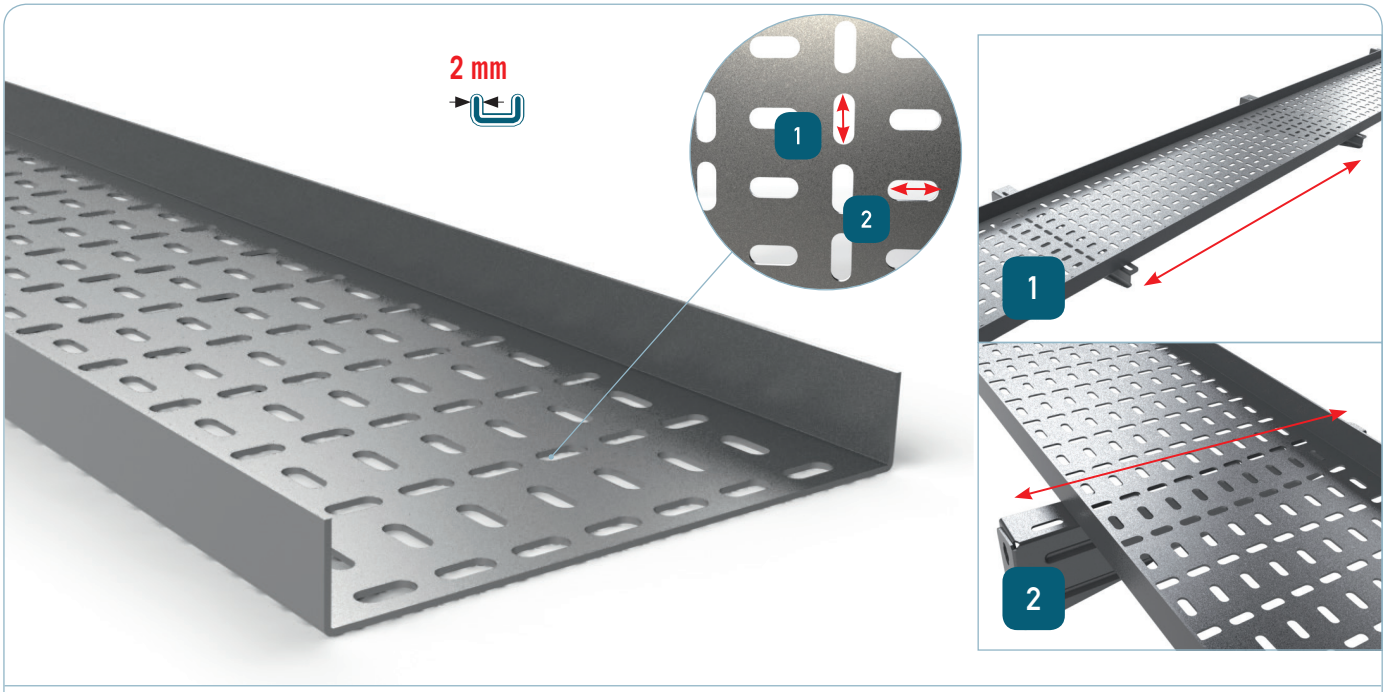
B1



	Pap	EZ		GC		i316	
	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
B1-100	6	204356	0,77	206826	0,80	218388	0,77

10





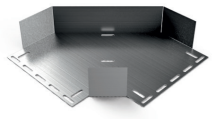
L > 100 m *
UNE-EN 61537

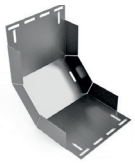
M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

6 7-8
UNE-EN 61537

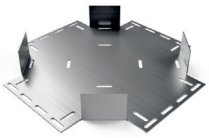
20J
UNE-EN 61537


CPU


CCU


CXU


TEU


CRU

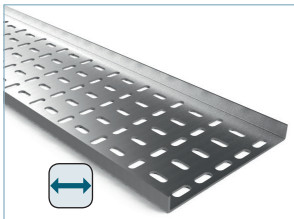

JUE


PTU


B1

B		Filling Area							
		H15 (3/5")		H30 (1 1/6")		H50 (2")		H60 (2 3/8")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
50	2"	6	0,9	13	2	22	3,4	-	-
100	4"	12,5	1,9	27	4,2	46	7,1	56	8,6
150	6"	19	2,9	41	6,3	70	10,8	85	13,1
200	8"	25,5	3,9	55	8,5	94	14,6	114	17,6
300	12"	38,5	6	83	12,9	142	22	172	26,6
400	16"	-	-	111	17,2	190	29,4	230	35,6
500	20"	-	-	139	21,5	238	36,9	288	44,6
600	24"	-	-	167	25,9	286	44,3	346	53,6

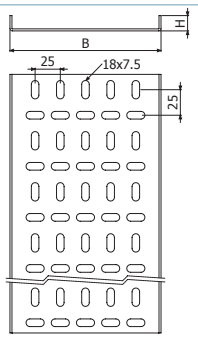
U H15



L = 2 m (6,56 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 50x15x2 2M	50	2"	15	3/5"	2	200569	1,15
U 50x15x2,5 2M	50	2"	15	3/5"	2,5	200569	1,37
U 100x15x2 2M	100	4"	15	3/5"	2	200570	1,84
U 150x15x2 2M	150	6"	15	3/5"	2	200571	2,54
U 200x15x2 2M	200	8"	15	3/5"	2	200572	3,23
U 300x15x2 2M	300	12"	15	3/5"	2	200573	4,61

2 x JUE 12 (203186 - GC)
U 50x15x2 -> 1 x JUE 12 (203186 - GC)



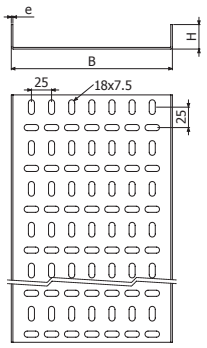
U H30



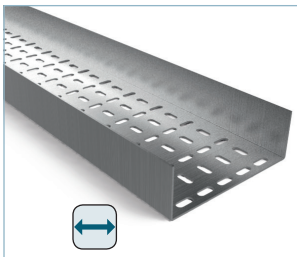
L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 50x30x2 3M	50	2"	30	1 1/6"	2	200577	1,67
U 100x30x2 3M	100	4"	30	1 1/6"	2	200578	2,36
U 150x30x2 3M	150	6"	30	1 1/6"	2	200579	3,05
U 200x30x2 3M	200	8"	30	1 1/6"	2	200580	3,74
U 300x30x2 3M	300	12"	30	1 1/6"	2	200581	5,12
U 400x30x2 3M	400	16"	30	1 1/6"	2	200582	6,80
U 500x30x2 3M	500	20"	30	1 1/6"	2	200583	8,96
U 600x30x2 3M	600	24"	30	1 1/6"	2	200584	9,04

2 x JUE 25 (203187- GC)
U 50x30x2 -> 1 x JUE 25 (203187 - GC)



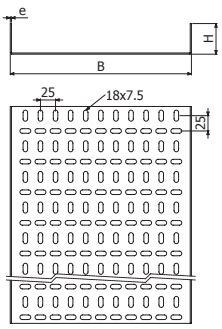
U H50



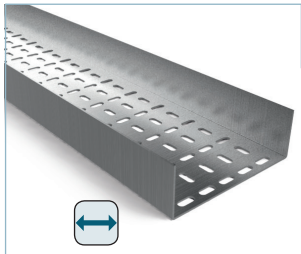
L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 50x50x2 3M	50	2"	50	2"	2	200585	2,36
U 100x50x2 3M	100	4"	50	2"	2	200586	3,05
U 150x50x2 3M	150	6"	50	2"	2	200587	3,74
U 200x50x2 3M	200	8"	50	2"	2	200588	4,43
U 300x50x2 3M	300	12"	50	2"	2	200589	5,81
U 400x50x2 3M	400	16"	50	2"	2	200590	7,28
U 500x50x2 3M	500	20"	50	2"	2	200591	8,66
U 600x50x2 3M	600	24"	50	2"	2	200592	10,04

2 x JUE 45 (203655 - GC)
U 50x50x2 -> 1 x JUE 45 (203655 - GC)



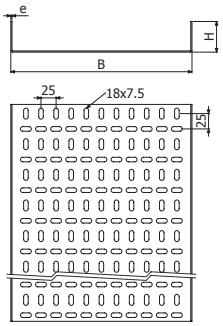
U H60



L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 100x60x2 3M	100	4”	60	2 1/3”	2	200593	3,43
U 150x60x2 3M	150	6”	60	2 1/3”	2	200594	4,10
U 200x60x2 3M	200	8”	60	2 1/3”	2	200595	4,77
U 300x60x2 3M	300	12”	60	2 1/3”	2	200596	6,08
U 400x60x2 3M	400	16”	60	2 1/3”	2	200597	7,65
U 500x60x2 3M	500	20”	60	2 1/3”	2	200598	9,92
U 600x60x2 3M	600	24”	60	2 1/3”	2	200599	10,53

2 x JUE 45 (203655 - GC)



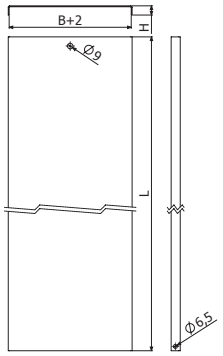
TU

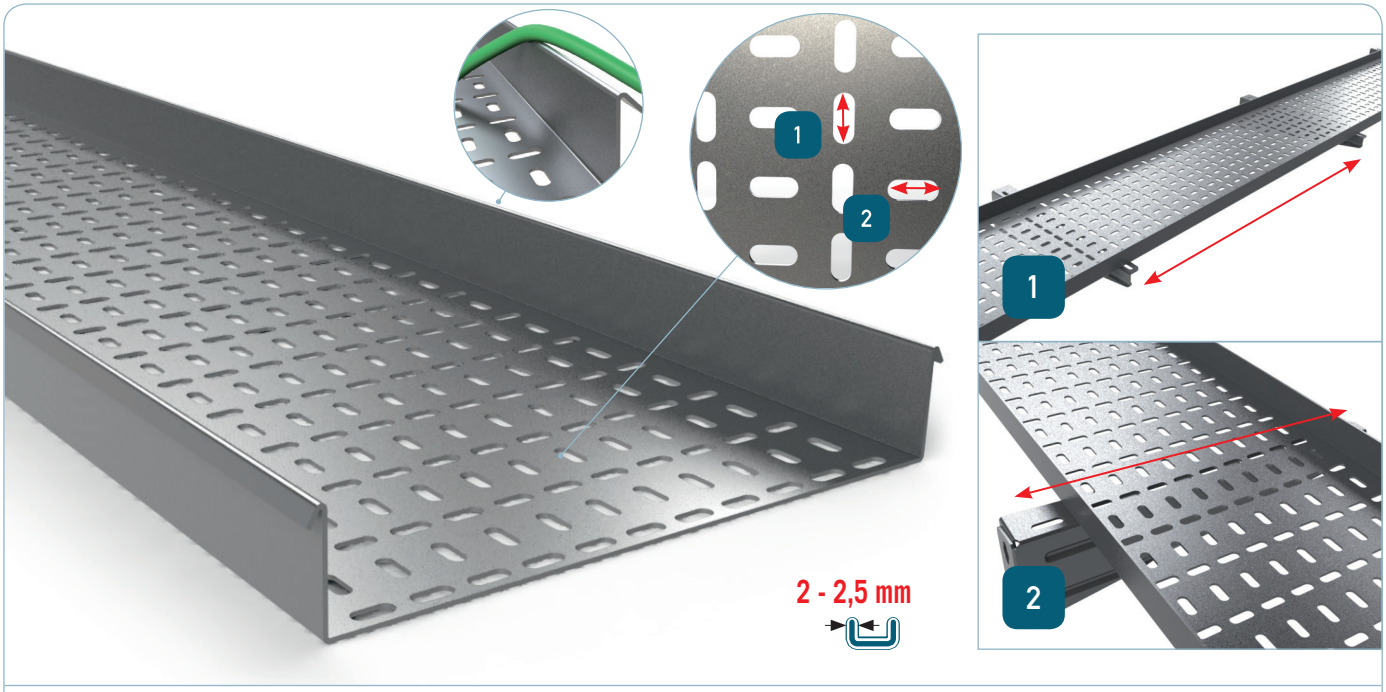


L = 3 m (10 ft)

TU 50 --> L = 2 m (6.56 ft)

	L		B		H		e	GC	
	m	ft	mm	inch	mm	inch	mm	REF.	(kg/m)
TU 50x1,5 2M	2	6,67	50	2”	15	3/5”	1,5	203554	1,05
TU 100x1,5 3M	3	10	100	4”	15	3/5”	1,5	203553	1,68
TU 150x1,5 3M	3	10	150	6”	15	3/5”	1,5	204659	2,33
TU 200x1,5 3M	3	10	200	8”	15	3/5”	1,5	204894	2,97
TU 300x1,5 3M	3	10	300	12”	15	3/5”	1,5	204839	4,66
TU 400x1,5 3M	3	10	400	16”	15	3/5”	1,5	205791	5,57
TU 600x1,5 3M	3	10	600	24”	15	3/5”	1,5	204840	8,24





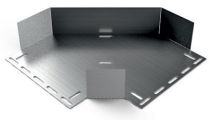
L > 100 m *
UNE-EN 61537

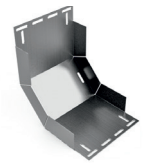
M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

6 7-8
UNE-EN 61537

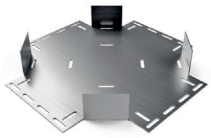
20J
UNE-EN 61537


CPU


CCU


CXU


TEU


CRU


JUE


PTU


B1

B		Filling Area					
		H20 (4/5")		H30 (1 1/6")		H50 (2")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
50	2"	8	1,2	13	2	22	3,4
100	4"	17	2,6	27	4,2	46	7,1
150	6"	26	4	41	6,3	70	10,8
200	8"	35	5,4	55	8,5	94	14,6
300	12"	53	8,2	83	12,9	142	22
400	16"	-	-	111	17,2	190	29,4
500	20"	-	-	139	21,5	238	36,9
600	24"	-	-	167	25,9	286	44,3

OME H20 E2



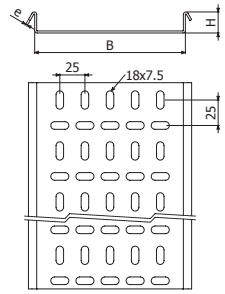
L = 3 m (10 ft)

OME 50X20X2 --> L=2m (6.56 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x20x2 2M	50	2"	20	4/5"	2	200405	1,64
OME 100x20x2 3M	100	4"	20	4/5"	2	200406	2,32
OME 150x20x2 3M	150	6"	20	4/5"	2	200407	2,99
OME 200x20x2 3M	200	8"	20	4/5"	2	200408	3,67
OME 300x20x2 3M	300	12"	20	4/5"	2	200409	5,03

2 x JUE 12 (203186 - GC)

A OME = U
OME 50x20x2 -> 1 x JUE 12 (203186 - GC)



OME H30 E2

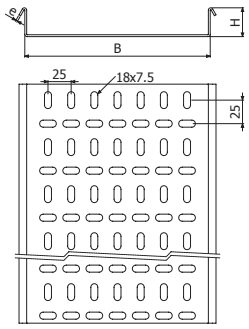


L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 100x30x2 3M	100	4"	30	1 1/6"	2	200414	2,65
OME 150x30x2 3M	150	6"	30	1 1/6"	2	205977	3,33
OME 200x30x2 3M	200	8"	30	1 1/6"	2	200416	4,00
OME 300x30x2 3M	300	12"	30	1 1/6"	2	200417	5,37
OME 500x30x2 3M	500	20"	30	1 1/6"	2	200419	9,15
OME 600x30x2 3M	600	24"	30	1 1/6"	2	200420	10,75

2 x JUE 25 (203187- GC)

A OME = U



OME H50 E2

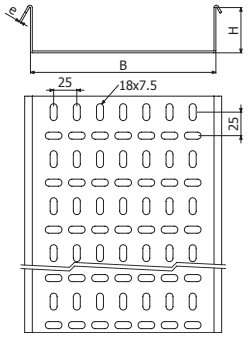


L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x50x2 3M	50	2"	30	2"	2	200421	2,65
OME 100x50x2 3M	100	4"	50	2"	2	200422	3,33
OME 150x50x2 3M	150	6"	50	2"	2	200423	4,01
OME 200x50x2 3M	200	8"	50	2"	2	200424	4,68
OME 300x50x2 3M	300	12"	50	2"	2	200425	6,04
OME 400x50x2 3M	400	16"	50	2"	2	200426	7,48
OME 500x50x2 3M	500	20"	50	2"	2	200427	8,84
OME 600x50x2 3M	600	24"	50	2"	2	203218	10,19

2 x JUE 45 (203655 - GC)

A OME = U
OME 50x50x2 -> 1 x JUE 45 (203655 - GC)



OME H20 E2,5

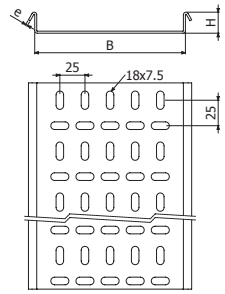


L = 2 m (6,56 ft)

	B		H		e	GC80	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x20x2,5 2M	50	2"	20	4/5"	2,5	200446	1,98
OME 100x20x2,5 2M	100	4"	20	4/5"	2,5	200447	2,81
OME 150x20x2,5 2M	150	6"	20	4/5"	2,5	200448	3,64
OME 200x20x2,5 2M	200	8"	20	4/5"	2,5	200449	4,46
OME 300x20x2,5 2M	300	12"	20	4/5"	2,5	200450	6,12

2 x JUE 12 (203186 - GC)

A OME = U
OME 50x20x2,5 -> 1 x JUE 12 (203186 - GC)



OME H30 E2,5

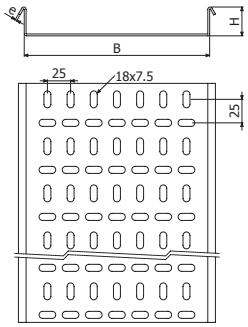


L = 2 m (6,56 ft)

	B		H		e	GC80	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x30x2,5 2M	50	2"	30	1 1/6"	2,5	200454	2,39
OME 100x30x2,5 2M	100	4"	30	1 1/6"	2,5	200455	3,22
OME 150x30x2,5 2M	150	6"	30	1 1/6"	2,5	200456	4,05
OME 200x30x2,5 2M	200	8"	30	1 1/6"	2,5	200457	4,88
OME 300x30x2,5 2M	300	12"	30	1 1/6"	2,5	200458	6,53

2 x JUE 25 (214941-GC80)

A OME = U
OME 50x30x2,5 -> 1 x JUE 25 (214941-GC80)



OME H50 E2,5

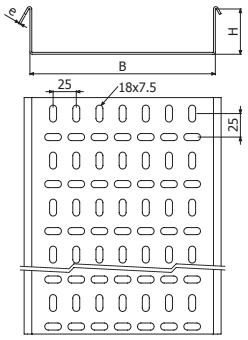


L =2 m (6,56 ft)

	B		H		e	GC80	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x50x2,5 2M	50	2"	50	2"	2,5	200462	3,22
OME 100x50x2,5 2M	100	4"	50	2"	2,5	200463	4,04
OME 150x50x2,5 2M	150	6"	50	2"	2,5	200464	4,87
OME 200x50x2,5 2M	200	8"	50	2"	2,5	200465	5,70
OME 300x50x2,5 2M	300	12"	50	2"	2,5	200466	7,17
OME 400x50x2,5 2M	400	16"	50	2"	2,5	200467	9,23
OME 500x50x2,5 2M	500	20"	50	2"	2,5	200468	10,77
OME 600x50x2,5 2M	600	24"	50	2"	2,5	204505	12,42

2 x JUE 45 (217586-GC80)

A OME = U
OME 50x50x2,5 -> 1 x JUE 45 (217586-GC80)



OME REPSOL

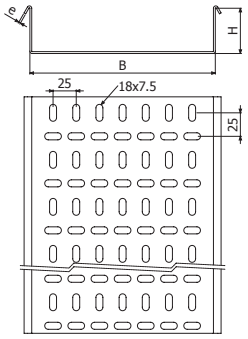


L = 2 m (6,56 ft)

	B		H		e	GC80	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x30x2 2M	50	2"	30	2"	2	200413	1,98
OME 100x30x2 2M	100	4"	30	2"	2	205513	2,65
OME 150x30x2 2M	150	6"	30	2"	2	200415	3,33
OME 200x50x2 2M	200	8"	50	2"	2	203219	4,77
OME 300x50x2,5 2M	300	12"	50	2"	2,5	200466	7,17
OME 400x50x2,5 2M	400	16"	50	2"	2,5	200467	9,23
OME 600x50x2,5 2M	600	24"	50	2"	2,5	204505	12,42

2 x JUE 25/45 (214941-GC80 // 217586-GC80)

A OME = U
OME 50x30x2 -> 1 x JUE 25 (214941-GC80)



OMEL REPSOL ED-P 11.02-1

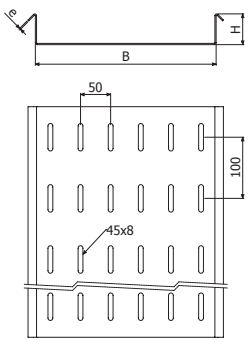


L = 2 m (6,56 ft)

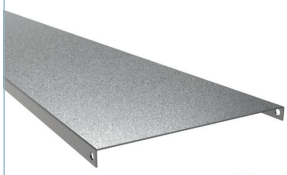
	B		H		e	GC80	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OMEL 100x30x2 2M	100	4"	30	1 1/6"	2	205968	2,81
OMEL 200x50x2 2M	200	8"	50	2"	2	205967	4,93
OMEL 300x50x2,5 2M	300	12"	50	2"	2,5	205966	7,98
OMEL 400x50x2,5 2M	400	16"	50	2"	2,5	205965	9,81
OMEL 500x50x2,5 2M	500	20"	50	2"	2,5	205372	11,7
OMEL 600x50x2,5 2M	600	24"	50	2"	2,5	206338	13,46

2 x JUE 25/45 (214941-GC80 // 217586-GC80)

A OME = U



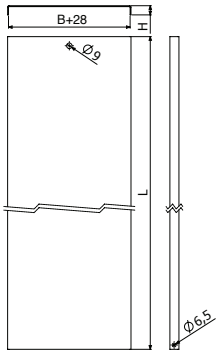
TOME



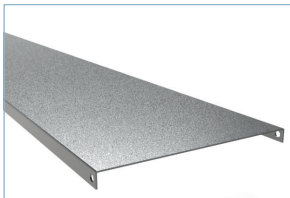
L = 3 m (10 ft)

TOME 50 --> L = 2 m (6.56 ft)

	L		B		H		e	GC	
	m	ft	mm	inch	mm	inch	mm	REF.	(kg/m)
TOME 50x2 2M	2	6,56	50	2"	15	3/5"	2	205692	1,68
TOME 100x2 3M	3	10	100	4"	15	3/5"	2	204865	2,53
TOME 150x2 3M	3	10	150	6"	15	3/5"	2	204973	3,37
TOME 200x2 3M	3	10	200	8"	15	3/5"	2	204974	4,22
TOME 300x2 3M	3	10	300	12"	15	3/5"	2	204864	5,86
TOME 400x2 3M	3	10	400	16"	15	3/5"	2	204977	7,59
TOME 500x2 3M	3	10	500	20"	15	3/5"	2	204978	9,18
TOME 600x2 3M	3	10	600	24"	15	3/5"	2	204979	10,90

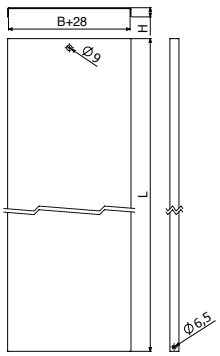


TOME REPSOL ED-P 11.02-1



L = 2 m (6.56 ft)

	L		B		H		e	GC80	
	m	ft	mm	inch	mm	inch	mm	REF.	(kg/m)
TOME 50x2 2M	2	6,56	50	2"	15	3/5"	2	205692	1,84
TOME 100x2 2M	2	10	100	4"	15	3/5"	2	207319	2,69
TOME 150x2 2M	2	10	150	6"	15	3/5"	2	2017540	3,54
TOME 200x2 2M	2	10	200	8"	15	3/5"	2	207320	4,38
TOME 300x2 2M	2	10	300	12"	15	3/5"	2	207321	6,07
TOME 400x2 2M	2	10	400	16"	15	3/5"	2	207322	7,77
TOME 500x2 2M	2	10	500	20"	15	3/5"	2	207323	9,46
TOME 600x2 2M	2	10	600	24"	15	3/5"	2	207324	11,15

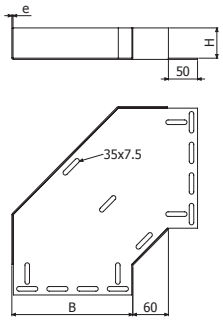


CPU

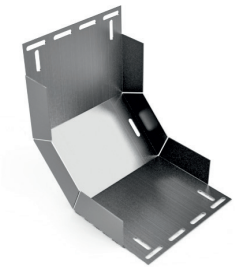


	B		H		GC		GC80			
					e=2mm		e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)	REF.	(kg/ud)
CPU 50x15xe	50	2"	15	3/5"	202069	0,21	-	-		
CPU 100x15xe	100	4"	15	3/5"	202070	0,47	-	-		
CPU 150x15xe	150	6"	15	3/5"	202071	0,81	-	-	☎	☎
CPU 200x15xe	200	8"	15	3/5"	202072	1,22	-	-		
CPU 300x15xe	300	12"	15	3/5"	202073	2,24	-	-		
CPU 50x30xe	50	2"	30	1 1/6"	202077	0,28	218728	0,28	202167	0,33
CPU 100x30xe	100	4"	30	1 1/6"	202078	0,56	218718	0,56	202168	0,66
CPU 150x30xe	150	6"	30	1 1/6"	202079	0,92	-	-	202169	1,08
CPU 200x30xe	200	8"	30	1 1/6"	202080	1,34	-	-	202170	1,57
CPU 300x30xe	300	12"	30	1 1/6"	202081	2,41	-	-	202171	2,83
CPU 400x30xe	400	16"	30	1 1/6"	202082	3,48	-	-	202172	4,09
CPU 500x30xe	500	20"	30	1 1/6"	202083	4,55	-	-	202173	5,34
CPU 600x30xe	600	24"	30	1 1/6"	202084	5,62	-	-	202174	6,60
CPU 50x50xe	50	2"	50	2"	202085	0,36	-	-	202175	0,42
CPU 100x50xe	100	4"	50	2"	202086	0,67	-	-	202176	0,79
CPU 150x50xe	150	6"	50	2"	202087	1,06	-	-	202177	1,24
CPU 200x50xe	200	8"	50	2"	202088	1,51	218719	1,51	202178	1,77
CPU 300x50xe	300	12"	50	2"	202089	2,64	-	-	202179	3,10
CPU 400x50xe	400	16"	50	2"	202090	4,04	-	-	202180	4,89
CPU 500x50xe	500	20"	50	2"	202091	5,73	-	-	202181	6,89
CPU 600x50xe	600	24"	50	2"	202092	7,70	-	-	202182	8,88


4/100 x B1 (206826 - GC)

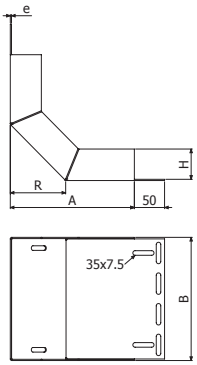


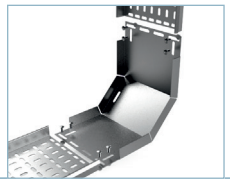
CCU



	B		H		GC		GC80			
					e=2mm		e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)	REF.	(kg/ud)
CCU 50x15xe	50	2"	15	3/5"	202249	0,40	-	-		
CCU 100x15xe	100	4"	15	3/5"	202250	0,73	-	-		
CCU 150x15xe	150	6"	15	3/5"	202251	1,14	-	-	☎	☎
CCU 200x15xe	200	8"	15	3/5"	202252	1,60	-	-		
CCU 300x15xe	300	12"	15	3/5"	202253	3,21	-	-		
CCU 50x30xe	50	2"	30	1 1/6"	202257	0,51	218729	0,51	202347	0,69
CCU 100x30xe	100	4"	30	1 1/6"	202258	0,83	218720	0,83	202348	1,06
CCU 150x30xe	150	6"	30	1 1/6"	202259	1,26	-	-	202349	1,54
CCU 200x30xe	200	8"	30	1 1/6"	202260	1,74	-	-	202350	2,12
CCU 300x30xe	300	12"	30	1 1/6"	202261	3,41	-	-	202351	4,16
CCU 400x30xe	400	16"	30	1 1/6"	202262	4,80	-	-	202352	5,86
CCU 500x30xe	500	20"	30	1 1/6"	202263	6,30	-	-	202353	7,69
CCU 600x30xe	600	24"	30	1 1/6"	202264	7,80	-	-	202354	9,52
CCU 50x50xe	50	2"	50	2"	202265	0,60	-	-	202355	0,83
CCU 100x50xe	100	4"	50	2"	202266	0,92	-	-	202356	1,19
CCU 150x50xe	150	6"	50	2"	202267	1,37	-	-	202357	1,80
CCU 200x50xe	200	8"	50	2"	202268	1,87	218721	1,87	202358	2,41
CCU 300x50xe	300	12"	50	2"	202269	3,64	-	-	202359	4,35
CCU 400x50xe	400	16"	50	2"	202270	5,06	-	-	202360	6,01
CCU 500x50xe	500	20"	50	2"	202271	6,65	-	-	202361	8,50
CCU 600x50xe	600	24"	50	2"	202272	9,35	-	-	202362	10,99


4/100 x B1 (206826 - GC)

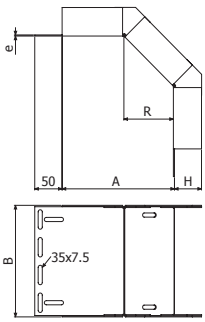


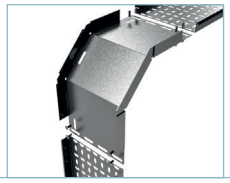


CXU



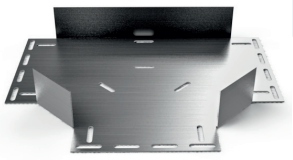
	B		H		GC		GC80			
					e=2mm		e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)	REF.	(kg/ud)
CXU 50x15xe	50	2"	15	3/5"	202429	0,42	-	-		
CXU 100x15xe	100	4"	15	3/5"	202430	0,70	-	-		
CXU 150x15xe	150	6"	15	3/5"	202431	1,07	-	-	☎	☎
CXU 200x15xe	200	8"	15	3/5"	202432	1,49	-	-		
CXU 300x15xe	300	12"	15	3/5"	202433	2,94	-	-		
CXU 50x30xe	50	2"	30	1 1/6"	202437	0,61	218730	0,61	202527	0,89
CXU 100x30xe	100	4"	30	1 1/6"	202438	0,89	218722	0,89	202528	1,07
CXU 150x30xe	150	6"	30	1 1/6"	202439	1,27	-	-	202529	1,52
CXU 200x30xe	200	8"	30	1 1/6"	202440	1,71	-	-	202530	2,05
CXU 300x30xe	300	12"	30	1 1/6"	202441	3,29	-	-	202531	3,95
CXU 400x30xe	400	16"	30	1 1/6"	202442	4,40	-	-	202532	5,28
CXU 500x30xe	500	20"	30	1 1/6"	202443	5,55	-	-	202533	6,66
CXU 600x30xe	600	24"	30	1 1/6"	202444	6,70	-	-	202534	8,04
CXU 50x50xe	50	2"	50	2"	202445	0,86	-	-	202535	1,03
CXU 100x50xe	100	4"	50	2"	202446	1,14	-	-	202536	1,37
CXU 150x50xe	150	6"	50	2"	202447	1,55	-	-	202537	1,86
CXU 200x50xe	200	8"	50	2"	202448	2,00	218723	2,00	202538	2,45
CXU 300x50xe	300	12"	50	2"	202449	3,69	-	-	202539	4,02
CXU 400x50xe	400	16"	50	2"	202450	4,86	-	-	202540	5,38
CXU 500x50xe	500	20"	50	2"	202451	6,43	-	-	202541	7,74
CXU 600x50xe	600	24"	50	2"	202452	8,92	-	-	202542	10,1



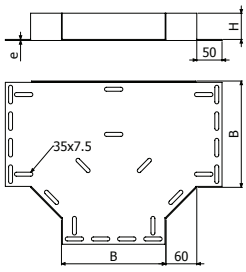


4/100 x B1 (206826 - GC)

TEU

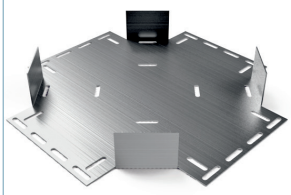


	B		H		GC		GC80			
					e=2mm		e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)	REF.	(kg/ud)
TEU 50x15xe	50	2"	15	3/5"	202789	0,41	-	-		
TEU 100x15xe	100	4"	15	3/5"	202790	0,79	-	-		
TEU 150x15xe	150	6"	15	3/5"	202791	1,27	-	-	☎	☎
TEU 200x15xe	200	8"	15	3/5"	202792	1,82	-	-		
TEU 300x15xe	300	12"	15	3/5"	202793	3,19	-	-		
TEU 50x30xe	50	2"	30	1 1/6"	202797	0,49	218731	0,49	202888	0,58
TEU 100x30xe	100	4"	30	1 1/6"	202798	0,88	218724	0,88	202889	1,07
TEU 150x30xe	150	6"	30	1 1/6"	202799	1,38	-	-	202890	1,66
TEU 200x30xe	200	8"	30	1 1/6"	202800	1,95	-	-	202891	2,34
TEU 300x30xe	300	12"	30	1 1/6"	202801	3,35	-	-	202892	4,02
TEU 400x30xe	400	16"	30	1 1/6"	202802	5,01	-	-	202893	6,01
TEU 500x30xe	500	20"	30	1 1/6"	202803	7,18	-	-	202894	8,62
TEU 600x30xe	600	24"	30	1 1/6"	202804	9,59	-	-	202895	11,51
TEU 50x50xe	50	2"	50	2"	202805	0,60	-	-	202896	0,72
TEU 100x50xe	100	4"	50	2"	202806	1,01	-	-	202897	1,21
TEU 150x50xe	150	6"	50	2"	202807	1,52	-	-	202898	1,82
TEU 200x50xe	200	8"	50	2"	202808	2,11	218725	2,11	202899	2,43
TEU 300x50xe	300	12"	50	2"	202809	3,54	-	-	202900	4,11
TEU 400x50xe	400	16"	50	2"	202810	5,33	-	-	202901	6,78
TEU 500x50xe	500	20"	50	2"	202811	7,44	-	-	202902	9,05
TEU 600x50xe	600	24"	50	2"	202812	9,89	-	-	202903	11,45

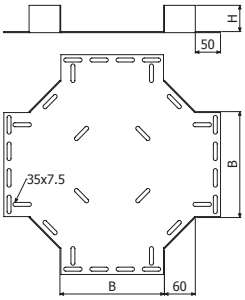


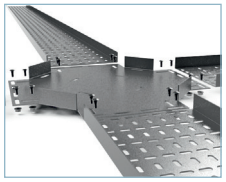
4/100 x B1 (206826 - GC)

CRU



	B		H		GC		GC80			
					e=2mm		e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)	REF.	(kg/ud)
CRU 50x15xe	50	2"	15	3/5"	202609	0,53	-	-		
CRU 100x15xe	100	4"	15	3/5"	202610	1,07	-	-		
CRU 150x15xe	150	6"	15	3/5"	202611	1,61	-	-	☎	☎
CRU 200x15xe	200	8"	15	3/5"	202612	2,17	-	-		
CRU 300x15xe	300	12"	15	3/5"	202613	3,68	-	-		
CRU 50x30xe	50	2"	30	1 1/6"	202617	0,62	218732	0,62	202707	0,74
CRU 100x30xe	100	4"	30	1 1/6"	202618	1,07	218726	1,07	202708	1,28
CRU 150x30xe	150	6"	30	1 1/6"	202619	1,61	-	-	202709	1,93
CRU 200x30xe	200	8"	30	1 1/6"	202620	2,25	-	-	202710	2,70
CRU 300x30xe	300	12"	30	1 1/6"	202621	3,77	-	-	202711	4,52
CRU 400x30xe	400	16"	30	1 1/6"	202622	5,29	-	-	202712	6,35
CRU 500x30xe	500	20"	30	1 1/6"	202623	6,81	-	-	202713	8,17
CRU 600x30xe	600	24"	30	1 1/6"	202624	8,33	-	-	202714	10,00
CRU 50x50xe	50	2"	50	2"	202625	0,73	-	-	202715	0,88
CRU 100x50xe	100	4"	50	2"	202626	1,19	-	-	202716	1,43
CRU 150x50xe	150	6"	50	2"	202627	1,73	-	-	202717	2,08
CRU 200x50xe	200	8"	50	2"	202628	2,37	218727	2,37	202718	2,84
CRU 300x50xe	300	12"	50	2"	202629	3,89	-	-	202719	4,67
CRU 400x50xe	400	16"	50	2"	202630	5,74	-	-	202720	7,17
CRU 500x50xe	500	20"	50	2"	202631	7,94	-	-	202721	9,53
CRU 600x50xe	600	24"	50	2"	202632	10,48	-	-	202722	13,10

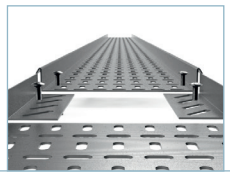




4/100 x B1 (206826 - GC)

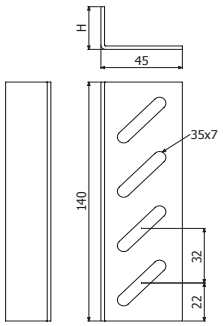
JUE





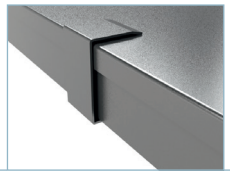
	H		e		GC		GC80	
	mm	inch	mm	Ga	REF.	(kg/ud)	REF.	(kg/ud)
JUE 12	12	1/2"	1,5	16	203186	0,09	☎	☎
JUE 25	25	1"	1,5	16	203187	0,13	214941	0,13
JUE 45	45	1 7/9"	1,5	16	203655	0,16	217586	0,16

2/100 x B1 (206826 - GC)



PTU

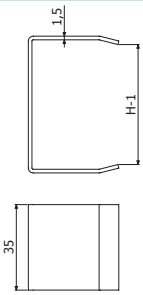




	H		i304	
	mm	inch	REF.	kg/ud
PTU 30	30	1 1/6"	204626	0,05
PTU 50	50	2"	203465	0,06
PTU 60	60	2 1/3"	203642	0,06

IK10

4 x PTU => 1 x TU/TOME

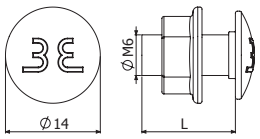


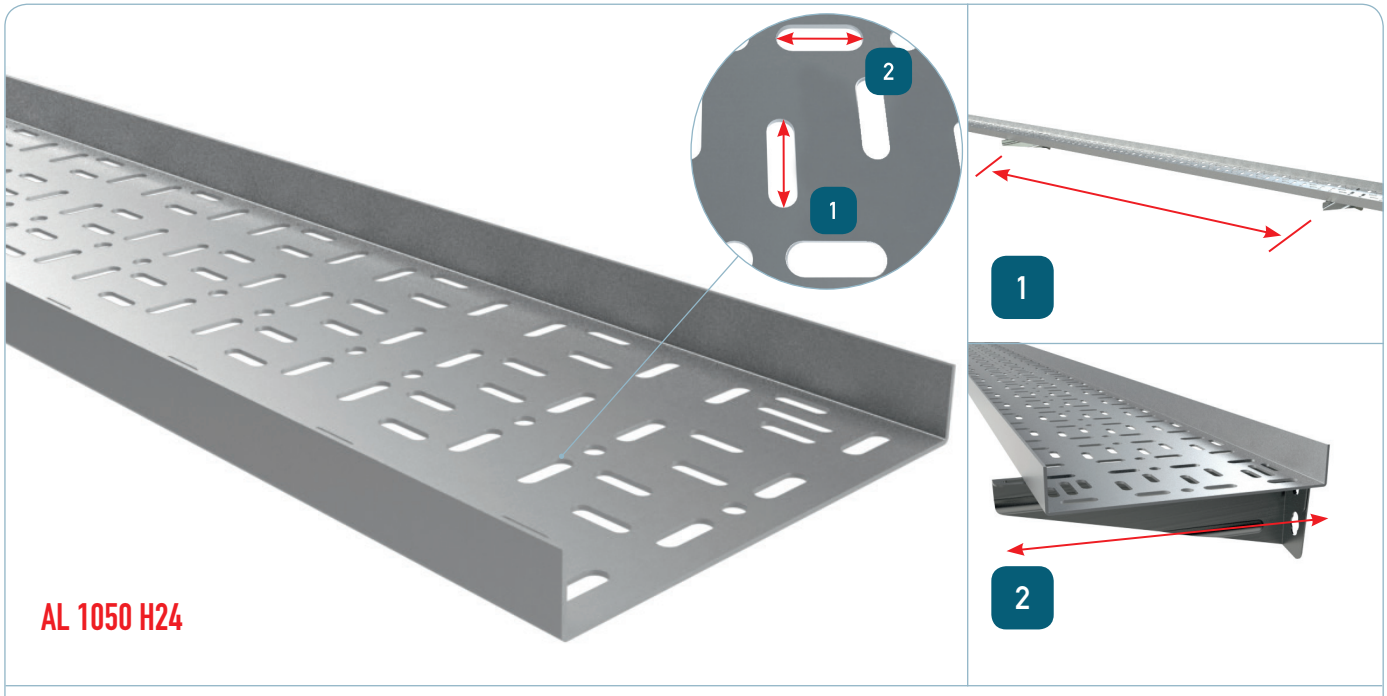
B1



	L	Pap	GC		i304	
	mm	N·m	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	206826	0,80	-	-
B1-100	20	6	-	-	204925	0,79

10





L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

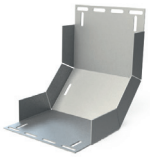
150°C
-50°C
UNE-EN 61537

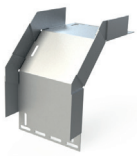
≥8
UNE-EN 61537

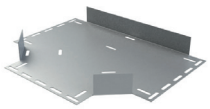
20J
UNE-EN 61537

AL x3


CPU AL

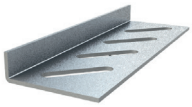

CCU AL


CXU AL


TEU AL


CRU AL


KUC AL


JUE AL


B1 i304

		Filling Area									
		1,5 mm		2 mm				2,5 mm			
B		H30 (1 1/6")		H15 (3/5")		H30 (1 1/6")		H30 (1 1/6")		H60 (2 3/8")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²	cm²	in²
50	2"	13,4	2,1	-	-	12,9	2,0	-	-	25,9	4,0
100	4"	27,6	4,3	12,5	1,9	26,9	4,2	26,1	4,0	54,6	8,5
150	6"	41,9	6,5	19,0	2,9	40,9	6,3	-	-	-	-
200	8"	56,1	8,7	25,5	4,0	54,9	8,5	53,6	8,3	112,1	17,4
300	12"	84,6	13,1	38,5	6,0	82,9	12,8	81,1	12,6	169,6	26,3
400	16"	-	-	-	-	-	-	108,6	16,8	227,1	35,2
600	24"	-	-	-	-	-	-	163,6	25,4	342,1	53,0

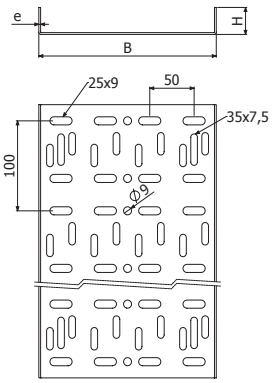
U H30 E1,5



L = 3 m (10 ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
U 50x30x1,5	50	2"	30	1 1/6	1,5	203540	0,40
U 100x30x1,5	100	4"	30	1 1/6	1,5	203541	0,57
U 150x30x1,5	150	6"	30	1 1/6	1,5	203207	0,74
U 200x30x1,5	200	8"	30	1 1/6	1,5	204905	0,91
U 300x30x1,5	300	12"	30	1 1/6	1,5	204906	1,25

2 x JUE 25 (203189 - AL)
U 50x30x1,5 -> 1 x JUE 25 (203189 - AL)



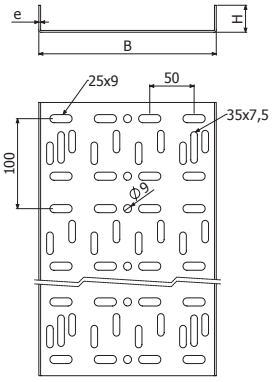
U H15 E2



L = 3 m (10 ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
U 100x15x2	100	4"	15	3/5"	2	200615	0,59
U 150x15x2	150	6"	15	3/5"	2	200616	0,82
U 200x15x2	200	8"	15	3/5"	2	200617	1,04
U 300x15x2	300	12"	15	3/5"	2	200618	1,50

2 x JUE 12 (203188 - AL)



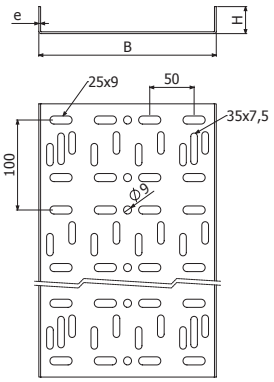
U H30 E2



L = 3 m (10 ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
U 50x30x2	50	2"	30	1 1/6	2	200622	0,53
U 100x30x2	100	4"	30	1 1/6	2	200623	0,75
U 150x30x2	150	6"	30	1 1/6	2	200624	0,98
U 200x30x2	200	8"	30	1 1/6	2	200625	1,20
U 300x30x2	300	12"	30	1 1/6	2	200626	1,66

2 x JUE 25 (203189 - AL)
U 50x30x2 -> 1 x JUE 25 (203189 - AL)



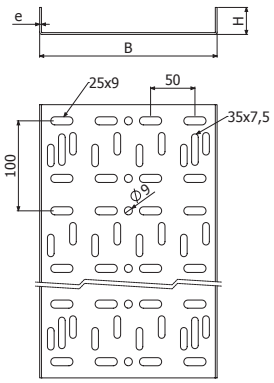
U H30 E2,5



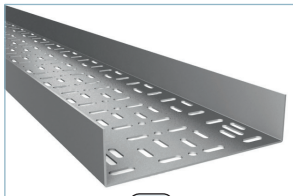
L = 3 m (10 ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
U 100x30x2,5	100	4"	30	1 1/6"	2,5	200713	0,90
U 200x30x2,5	200	8"	30	1 1/6"	2,5	200715	1,46
U 300x30x2,5	300	12"	30	1 1/6"	2,5	200716	2,06
U 400x30x2,5	400	16"	30	1 1/6"	2,5	200717	2,64
U 600x30x2,5	600	24"	30	1 1/6"	2,5	200719	3,78

KUC 30 (205646)



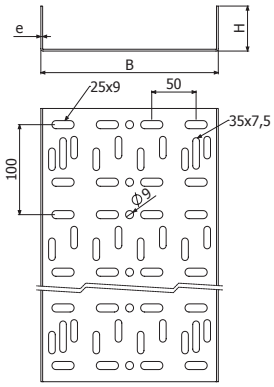
U H60 E2,5



L = 3 m (10 ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
U 50x60x2,5	50	2"	60	2 3/8"	2,5	206261	1,05
U 100x60x2,5	100	4"	60	2 3/8"	2,5	200728	1,33
U 200x60x2,5	200	8"	60	2 3/8"	2,5	200730	1,87
U 300x60x2,5	300	12"	60	2 3/8"	2,5	200731	2,47
U 400x60x2,5	400	16"	60	2 3/8"	2,5	200732	3,05
U 600x60x2,5	600	24"	60	2 3/8"	2,5	200734	4,19

KUC 60 (205725)



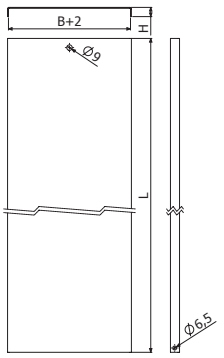
TU E1,5



L = 3 m (10 ft)

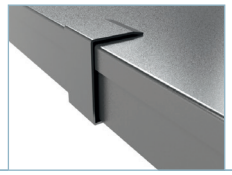
1,5 mm

	L		B		H		e	AL	
	m	ft	mm	inch	mm	inch	mm	REF.	kg/m
TU 50x1,5 3M	2	6,67	50	2"	15	3/5"	1,5	204514	0,33
TU 100x1,5 3M	3	10	100	4"	15	3/5"	1,5	208170	0,53
TU 150x1,5 3M	3	10	150	6"	15	3/5"	1,5	206428	0,73
TU 200x1,5 3M	3	10	200	8"	15	3/5"	1,5	205082	0,93
TU 300x1,5 3M	3	10	300	12"	15	3/5"	1,5	205081	1,34
TU 400x1,5 3M	3	10	400	16"	15	3/5"	1,5	205757	1,75
TU 600x1,5 3M	3	10	600	24"	15	3/5"	1,5	205080	2,56



PTU

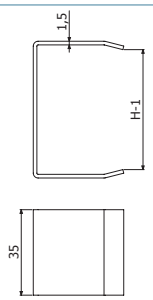




	H		i304	
	mm	inch	REF.	kg/ud
PTU 30	30	1 1/6"	204626	0,05
PTU 60	60	2 3/8"	203642	0,06

IK10

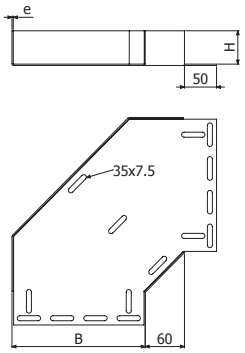
4 x PTU => 1 x TU



CPU E2,5

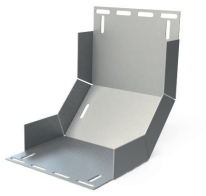


	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPU 100x30x2,5	100	4"	30	1 1/6"	2,5	202213	0,23
CPU 200x30x2,5	200	8"	30	1 1/6"	2,5	202215	0,54
CPU 300x30x2,5	300	12"	30	1 1/6"	2,5	202216	0,97
CPU 400x30x2,5	400	16"	30	1 1/6"	2,5	202217	1,51
CPU 600x30x2,5	600	24"	30	1 1/6"	2,5	202219	2,93
CPU 50x60x2,5	50	2"	60	2 3/8"	2,5	206266	0,17
CPU 100x60x2,5	100	4"	60	2 3/8"	2,5	202228	0,29
CPU 200x60x2,5	200	8"	60	2 3/8"	2,5	202230	0,64
CPU 300x60x2,5	300	12"	60	2 3/8"	2,5	202231	1,11
CPU 400x60x2,5	400	16"	60	2 3/8"	2,5	202232	1,68
CPU 600x60x2,5	600	24"	60	2 3/8"	2,5	202234	3,16

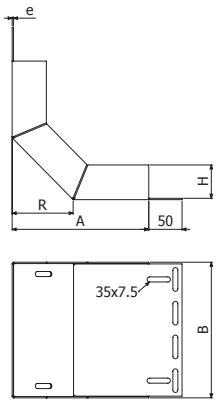


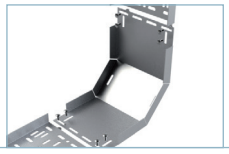
4/100 x B1 (204925-i304)

CCU E2,5



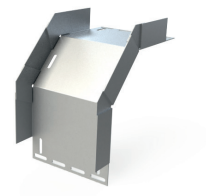
	B		H		e	R		A		AL	
	mm	inch	mm	inch	mm	mm	inch	mm	inch	REF.	kg/ud
CCU 100x30x2,5	100	4"	30	1 1/6"	2,5	80	3 1/7"	173	6 4/5"	202393	0,36
CCU 200x30x2,5	200	8"	30	1 1/6"	2,5	90	3 1/2"	203	8"	202395	0,72
CCU 300x30x2,5	300	12"	30	1 1/6"	2,5	130	5 1/8"	294	11 4/7"	202396	1,40
CCU 400x30x2,5	400	16"	30	1 1/6"	2,5	160	6 207"	324	12 3/4"	202397	1,95
CCU 600x30x2,5	600	24"	30	1 1/6"	2,5	220	8 203"	434	17"	202399	3,63
CCU 50x60x2,5	50	2"	60	2 3/8"	2,5	80	3 1/7"	173	6 4/5"	206267	0,35
CCU 100x60x2,5	100	4"	60	2 3/8"	2,5	80	3 1/7"	173	6 4/5"	202408	0,44
CCU 150x60x2,5	150	6"	60	2 3/8"	2,5	60	2 3/8"	141	5 5/9"	202409	0,54
CCU 200x60x2,5	200	8"	60	2 3/8"	2,5	90	3 1/2"	203	8"	202410	0,83
CCU 300x60x2,5	300	12"	60	2 3/8"	2,5	130	5 1/8"	294	11 4/7"	202411	1,57
CCU 400x60x2,5	400	16"	60	2 3/8"	2,5	160	6 207"	324	12 3/4"	202412	2,15
CCU 600x60x2,5	600	24"	60	2 3/8"	2,5	220	8 203"	434	17"	202414	3,90



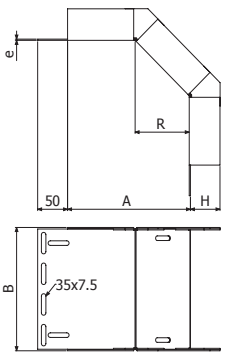


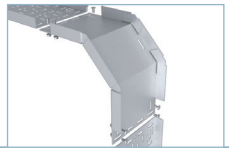
4/100 x B1 (204925-i304)

CXU E2,5



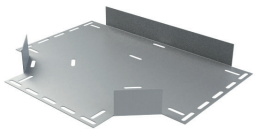
	B		H		e	R		A		AL	
	mm	inch	mm	inch	mm	mm	inch	mm	inch	REF.	kg/ud
CXU 100x30x2,5	100	4"	30	1 1/6"	2,5	60	2 3/8"	141	5 5/9"	202573	0,33
CXU 200x30x2,5	200	8"	30	1 1/6"	2,5	75	3"	176	7"	202575	0,63
CXU 300x30x2,5	300	12"	30	1 1/6"	2,5	110	4 1/3"	262	10 1/3"	202576	1,16
CXU 400x30x2,5	400	16"	30	1 1/6"	2,5	115	4 1/2"	277	11"	202577	1,61
CXU 600x30x2,5	600	24"	30	1 1/6"	2,5	160	6 207"	382	15"	202579	2,95
CXU 50x60x2,5	50	2"	60	2 3/8"	2,5	60	2 3/8"	141	5 5/9"	206268	0,37
CXU 100x60x2,5	100	4"	60	2 3/8"	2,5	60	2 3/8"	141	5 5/9"	202588	0,47
CXU 200x60x2,5	200	8"	60	2 3/8"	2,5	75	3"	176	7"	202590	0,78
CXU 300x60x2,5	300	12"	60	2 3/8"	2,5	110	4 1/3"	262	10 1/3"	202591	1,37
CXU 400x60x2,5	400	16"	60	2 3/8"	2,5	115	4 1/2"	277	11"	202592	1,83
CXU 600x60x2,5	600	24"	60	2 3/8"	2,5	160	6 207"	382	15"	202594	3,23



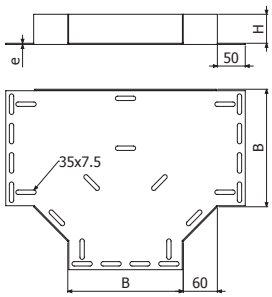


4/100 x B1 (204925-i304)

TEU E2,5



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
TEU 100x30x2,5	100	4”	30	1 1/6”	2,5	202935	0,36
TEU 200x30x2,5	200	8”	30	1 1/6”	2,5	202937	0,78
TEU 300x30x2,5	300	12”	30	1 1/6”	2,5	202938	1,34
TEU 400x30x2,5	400	16”	30	1 1/6”	2,5	202939	2,05
TEU 600x30x2,5	600	24”	30	1 1/6”	2,5	202941	3,84
TEU 50x60x2,5	50	2”	60	2 3/8”	2,5	206270	0,37
TEU 100x60x2,5	100	4”	60	2 3/8”	2,5	202950	0,44
TEU 200x60x2,5	200	8”	60	2 3/8”	2,5	202952	0,88
TEU 300x60x2,5	300	12”	60	2 3/8”	2,5	202953	1,46
TEU 400x60x2,5	400	16”	60	2 3/8”	2,5	202954	2,18
TEU 600x60x2,5	600	24”	60	2 3/8”	2,5	202956	4,02

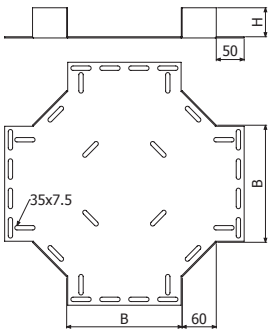


4/100 x B1 (204925-i304)

CRU E2,5



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CRU 100x30x2,5	100	4”	30	1 1/6”	2,5	202753	0,43
CRU 200x30x2,5	200	8”	30	1 1/6”	2,5	202755	0,91
CRU 300x30x2,5	300	12”	30	1 1/6”	2,5	202756	1,51
CRU 400x30x2,5	400	16”	30	1 1/6”	2,5	202757	2,26
CRU 600x30x2,5	600	24”	30	1 1/6”	2,5	202759	4,15
CRU 100x60x2,5	100	4”	60	2 3/8”	2,5	202768	0,51
CRU 200x60x2,5	200	8”	60	2 3/8”	2,5	202770	0,97
CRU 300x60x2,5	300	12”	60	2 3/8”	2,5	202771	1,58
CRU 400x60x2,5	400	16”	60	2 3/8”	2,5	202772	2,32
CRU 600x60x2,5	600	24”	60	2 3/8”	2,5	202774	4,21

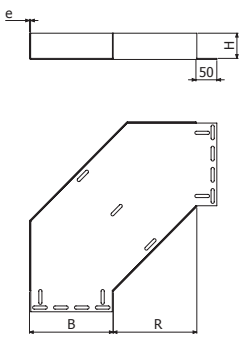


4/100 x B1 (204925-i304)

CPU-200 E2,5

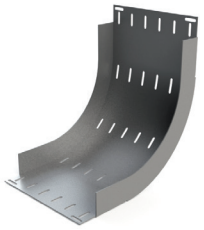


	B		H		e	R		AL	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
CPU 100x30x2,5	100	4”	30	1 1/6”	2,5	200	8”	209903	0,62
CPU 200x30x2,5	200	8”	30	1 1/6”	2,5	200	8”	209904	1,05
CPU 300x30x2,5	300	12”	30	1 1/6”	2,5	200	8”	209905	1,64
CPU 400x30x2,5	400	16”	30	1 1/6”	2,5	200	8”	209906	2,35
CPU 600x30x2,5	600	24”	30	1 1/6”	2,5	200	8”	209907	4,09
CPU 50x60x2,5	50	2”	60	2 3/8”	2,5	200	8”	209908	0,51
CPU 100x60x2,5	100	4”	60	2 3/8”	2,5	200	8”	209909	0,72
CPU 200x60x2,5	200	8”	60	2 3/8”	2,5	200	8”	209910	1,24
CPU 300x60x2,5	300	12”	60	2 3/8”	2,5	200	8”	209911	1,87
CPU 400x60x2,5	400	16”	60	2 3/8”	2,5	200	8”	209912	2,60
CPU 600x60x2,5	600	24”	60	2 3/8”	2,5	200	8”	209913	4,42



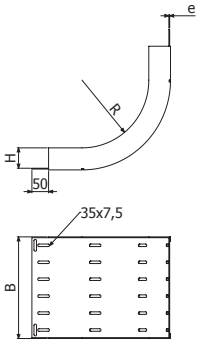
4/100 x B1 (204925-i304)

CCU-200 E2,5



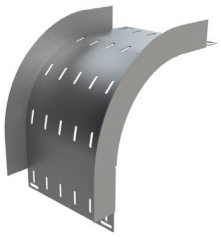


	B		H		e	R		AL	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
CCU 100x30x2,5	100	4”	30	1 1/6”	2,5	200	8”	209914	0,74
CCU 200x30x2,5	200	8”	30	1 1/6”	2,5	200	8”	209915	1,20
CCU 300x30x2,5	300	12”	30	1 1/6”	2,5	200	8”	209916	1,66
CCU 400x30x2,5	400	16”	30	1 1/6”	2,5	200	8”	209917	2,13
CCU 600x30x2,5	600	24”	30	1 1/6”	2,5	200	8”	209918	3,05
CCU 50x60x2,5	50	2”	60	2 3/8”	2,5	200	8”	209919	0,74
CCU 100x60x2,5	100	4”	60	2 3/8”	2,5	200	8”	209920	0,96
CCU 200x60x2,5	200	8”	60	2 3/8”	2,5	200	8”	209921	1,42
CCU 300x60x2,5	300	12”	60	2 3/8”	2,5	200	8”	209922	1,88
CCU 400x60x2,5	400	16”	60	2 3/8”	2,5	200	8”	209923	2,34
CCU 600x60x2,5	600	24”	60	2 3/8”	2,5	200	8”	209924	3,27



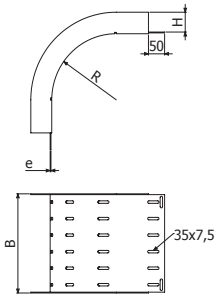
4/100 x B1 (204925-i304)

CXU-200 E2,5



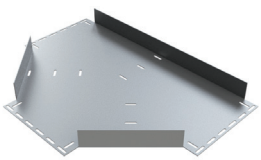


	B		H		e	R		AL	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
CXU 100x30x2,5	100	4”	30	1 1/6”	2,5	200	8”	209925	0,66
CXU 200x30x2,5	200	8”	30	1 1/6”	2,5	200	8”	209926	1,06
CXU 300x30x2,5	300	12”	30	1 1/6”	2,5	200	8”	209927	1,46
CXU 400x30x2,5	400	16”	30	1 1/6”	2,5	200	8”	209928	1,87
CXU 600x30x2,5	600	24”	30	1 1/6”	2,5	200	8”	209929	2,67
CXU 50x60x2,5	50	2”	60	2 3/8”	2,5	200	8”	209930	0,70
CXU 100x60x2,5	100	4”	60	2 3/8”	2,5	200	8”	209931	0,90
CXU 200x60x2,5	200	8”	60	2 3/8”	2,5	200	8”	209932	1,30
CXU 300x60x2,5	300	12”	60	2 3/8”	2,5	200	8”	209933	1,70
CXU 400x60x2,5	400	16”	60	2 3/8”	2,5	200	8”	209934	2,11
CXU 600x60x2,5	600	24”	60	2 3/8”	2,5	200	8”	209935	2,91



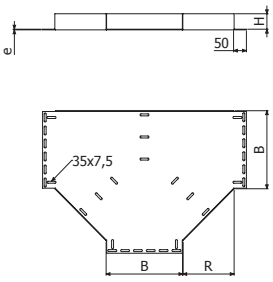
4/100 x B1 (204925-i304)

TEU-200 E2,5



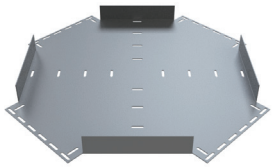


	B		H		e	R		AL	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
TEU 100x30x2,5	100	4”	30	1 1/6”	2,5	200	8”	209936	1,02
TEU 200x30x2,5	200	8”	30	1 1/6”	2,5	200	8”	209937	1,73
TEU 300x30x2,5	300	12”	30	1 1/6”	2,5	200	8”	209938	2,57
TEU 400x30x2,5	400	16”	30	1 1/6”	2,5	200	8”	209939	3,55
TEU 600x30x2,5	600	24”	30	1 1/6”	2,5	200	8”	209940	5,91
TEU 50x60x2,5	50	2”	60	2 3/8”	2,5	200	8”	209941	0,92
TEU 100x60x2,5	100	4”	60	2 3/8”	2,5	200	8”	209942	1,23
TEU 200x60x2,5	200	8”	60	2 3/8”	2,5	200	8”	209943	1,96
TEU 300x60x2,5	300	12”	60	2 3/8”	2,5	200	8”	209944	2,82
TEU 400x60x2,5	400	16”	60	2 3/8”	2,5	200	8”	209945	3,83
TEU 600x60x2,5	600	24”	60	2 3/8”	2,5	200	8”	209946	6,23



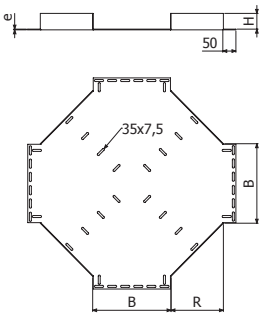
4/100 x B1 (204925-i304)

CRU-200 E2,5



	B		H		e	R		AL	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
CRU 100x30x2,5	100	4"	30	1 1/6"	2,5	200	8"	209947	1,45
CRU 200x30x2,5	200	8"	30	1 1/6"	2,5	200	8"	209948	2,30
CRU 300x30x2,5	300	12"	30	1 1/6"	2,5	200	8"	209949	3,28
CRU 400x30x2,5	400	16"	30	1 1/6"	2,5	200	8"	209950	4,40
CRU 600x30x2,5	600	24"	30	1 1/6"	2,5	200	8"	209951	7,06
CRU 50x60x2,5	50	2"	60	2 3/8"	2,5	200	8"	209952	1,31
CRU 100x60x2,5	100	4"	60	2 3/8"	2,5	200	8"	209953	1,68
CRU 200x60x2,5	200	8"	60	2 3/8"	2,5	200	8"	209954	2,53
CRU 300x60x2,5	300	12"	60	2 3/8"	2,5	200	8"	209955	3,51
CRU 400x60x2,5	400	16"	60	2 3/8"	2,5	200	8"	209956	4,63
CRU 600x60x2,5	600	24"	60	2 3/8"	2,5	200	8"	209957	6,29

4/100 x B1 (204925-i304)



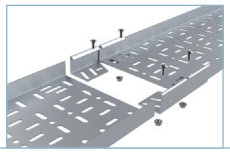
KUC E2,5

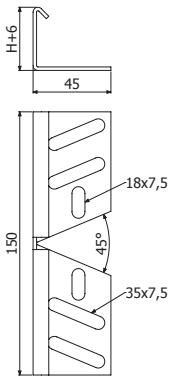


	H		e	AL	
	mm	inch	mm	REF.	kg/ud
KUC 30	30	1 1/6"	2	205646	0,16
KUC 60	60	2 3/8"	2	205725	0,23

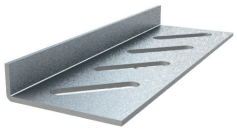
2 x JU + 4/100 x B1 (204925-i304)

0 →45°



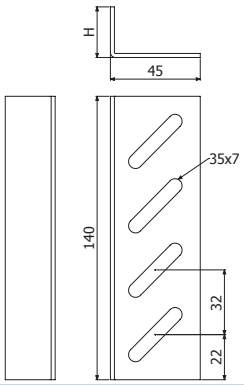


JUE



	H		e	AL	
	mm	inch	mm	REF.	kg/ud
JUE 12	12	1/2"	2	203188	0,05
JUE 25	25	1 "	2	203189	0,06
JUE 45	45	1 7/9 "	2	203190	0,15
JUE 65	65	2 5/9"	2	203191	0,23

20100 x B1 (204925-i304)

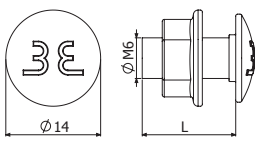


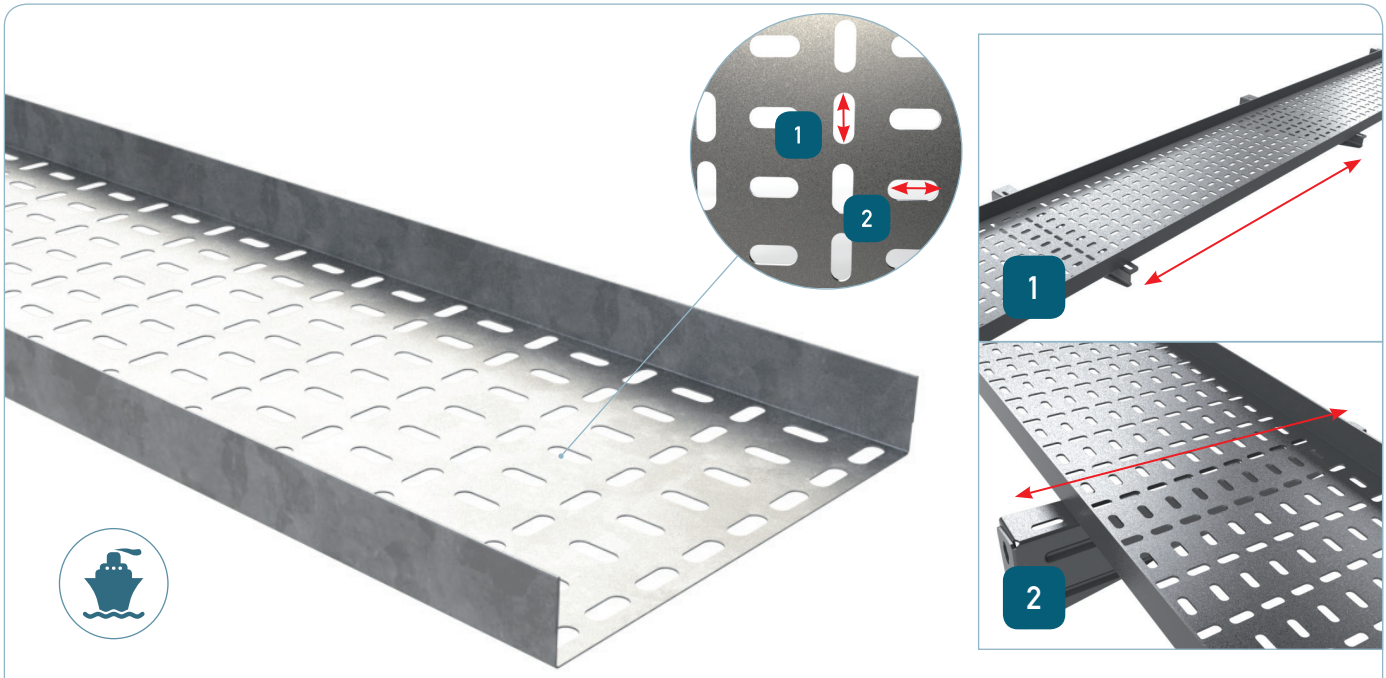
B1



	L	Pap	i304	
	mm	N·m	REF.	kg/ud
B1-100	20	6	204925	0,79

10





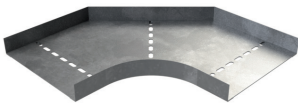
L > 100 m *
UNE-EN 61537

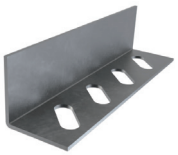
M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

3 9a
UNE-EN 61537

20J
UNE-EN 61537


CPEB


JUEB

B		Filling Area					
		H10 (1/3")		H15 (3/5")		H30 (1 1/6")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
50	2"	**45,2**	7,0	**69,5**	10,8	**142,4**	22,1
80	3"	**73,1**	11,3	**112,4**	17,4	**230,3**	35,7
100	4"	**91,7**	14,2	**141,0**	21,9	**288,9**	44,8
150	6"	**138,2**	21,4	**212,5**	32,9	**435,4**	67,5
200	8"	**184,7**	28,6	**284,0**	44,0	**581,9**	90,2
250	10"	**228,5**	35,4	**352,7**	54,7	**725,3**	112,4
300	12"	**274,5**	42,6	**423,7**	65,7	**871,3**	135,1
400	16"	**366,5**	56,8	**565,7**	87,7	**1163,3**	180,3
500	20"	**448,2**	69,5	**697,2**	108,1	**1444,2**	223,9
600	24"	**538,2**	83,4	**837,2**	129,8	**1734,2**	268,8

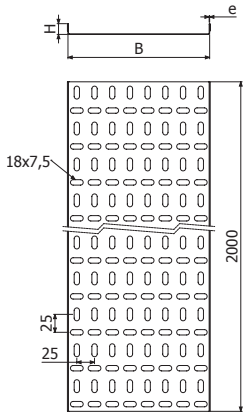
EB



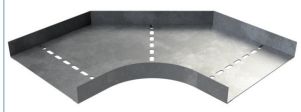


	B		H		e	GS		i304	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/m
EB 50X10	50	2"	10	1/3"	0,70	217173	0,45	217183	0,45
EB 80X10	80	3"	10	1/3"	0,70	217174	0,62	217184	0,62
EB 100X15	100	4"	15	3/5"	0,70	217175	0,82	217185	0,82
EB 150X15	150	6"	15	3/5"	0,70	217176	1,10	217186	1,10
EB 200X15	200	8"	15	3/5"	0,70	217177	1,38	217187	1,38
EB 250X30	250	10"	30	1 1/6"	0,80	217178	2,20	217188	2,20
EB 300X30	300	12"	30	1 1/6"	0,80	217179	2,52	217189	2,52
EB 400X30	400	16"	30	1 1/6"	0,80	217180	3,16	217190	3,16
EB 500X30	500	20"	30	1 1/6"	1,00	217181	4,74	217191	4,74
EB 600X30	600	24"	30	1 1/6"	1,00	217182	5,54	217192	5,54

2 x JUEB
EB 50x10 -> 1 x JUEB 10-15 (217269-GS / 217271-I304)

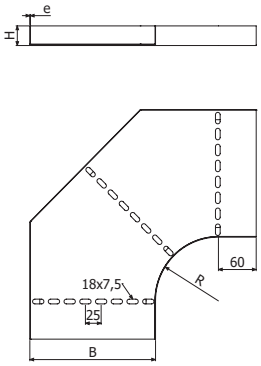


CPEB



	B		H		R		e	GS		i304	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/m
CPEB 50X10	50	2"	10	1/3"	100	4"	0,70	217193	0,42	217203	0,42
CPEB 80X10	80	3"	10	1/3"	100	4"	0,70	217194	0,55	217204	0,55
CPEB 100X15	100	4"	15	3/5"	100	4"	0,70	217195	0,65	217205	0,65
CPEB 150X15	150	6"	15	3/5"	100	4"	0,70	217196	0,92	217206	0,92
CPEB 200X15	200	8"	15	3/5"	100	4"	0,70	217197	1,24	217207	1,24
CPEB 250X30	250	10"	30	1 1/6"	100	4"	0,80	217198	1,61	217208	1,61
CPEB 300X30	300	12"	30	1 1/6"	100	4"	0,80	217199	2,03	217209	2,03
CPEB 400X30	400	16"	30	1 1/6"	100	4"	0,80	217200	3,01	217210	3,01
CPEB 500X30	500	20"	30	1 1/6"	100	4"	1,00	217201	4,18	217211	4,18
CPEB 600X30	600	24"	30	1 1/6"	100	4"	1,00	217202	5,54	217212	5,54

2 x JUEB
CPEB 50x10 -> 1 x JUEB 10-15 (217269-GS / 217271-I304)

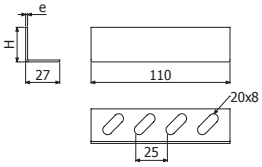


JUEB



	H		e	GS		i304	
	mm	inch	mm	REF.	kg/ud	REF.	kg/m
JUEB 10-15	10	3/8"	1	217269	0,03	217271	0,03
JUEB 30	27	1"	1,5	217270	0,06	217272	0,06

2/100 x B1 (204356 - GS // 204925 - i304)

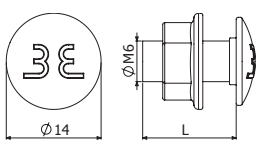


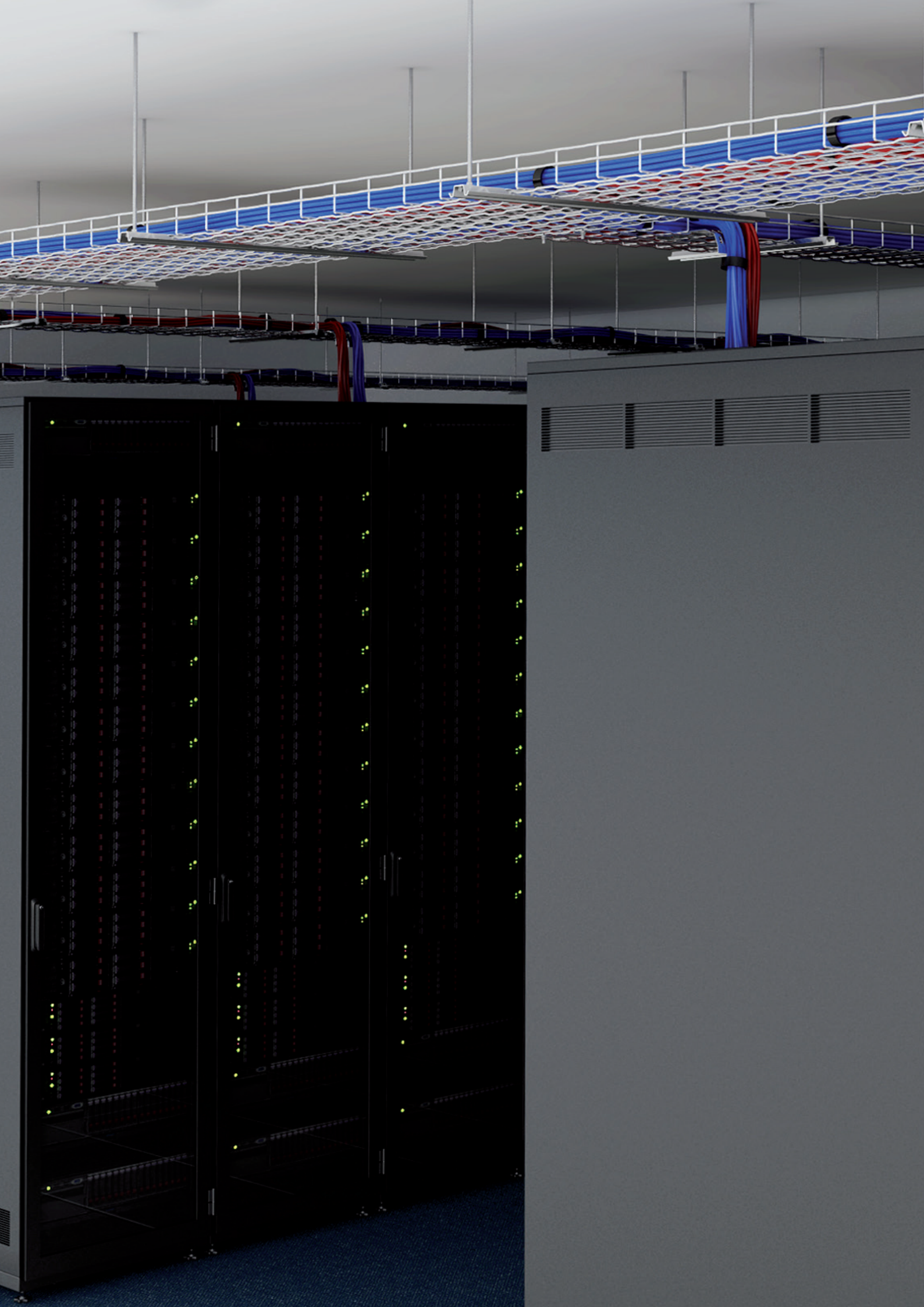
B1



	L	Pap	EZ		i304	
	mm	N·m	REF.	kg/ud	REF.	kg/m
B1-100	14	6	204356	0,77	-	-
B1-100	20	6	-	-	204925	0,77

10





basorfil

BF2R ..... P. 04

BFR ..... P. 06

EBFR ..... P. 10

A ..... P. 12







PRODUCTO CERTIFICADO ANCE CERTIFIED PRODUCT

UL CERTIFIED SAFETY US·CA E358301

IEC

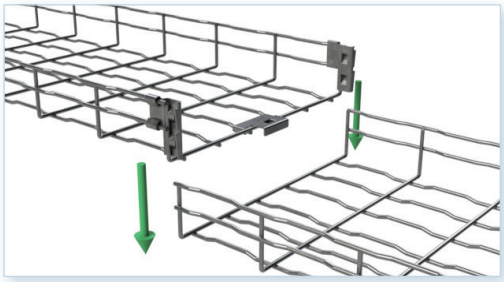
L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

3 8+ 9C
UNE-EN 61537

RoHS





4 s!



B		Filling Area H65 (2")		Filling Area H105 (4")	
mm	inch	cm²	in²	cm²	in²
60	2"	25	3,9	-	-
100	4"	51	7,8	81	12,6
150	6"	81	12,5	134	20,7
200	8"	111	17,2	186	28,8
300	12"	170	26,4	291	45,1
400	16"	228	35,4	396	61,4
450	18"	256	39,7	448	69,5
500	20"	286	39,7	501	77,7
600	24"	345	44,3	606	93,9

BF2R H65

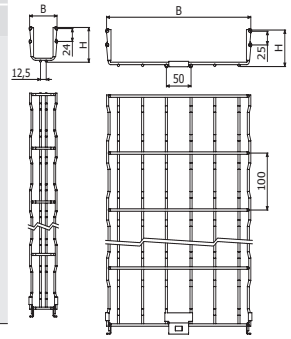


BF2R 60x65



L = 3 m (10 ft)

	B		H			EZ		EZ 1000		i304		i316	
	mm	inch	mm	inch		REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
BF2R-2F 60X65	60	2"	65	2"	0	207389	0,75	217354	0,75	207516	0,59	218617	0,59
BF2R-2F 100X65	100	4"	65	2"	0	207248	0,79	217355	0,79	207502	0,82	218618	0,82
BF2R-2F 150X65	150	6"	65	2"	0	207249	0,84	217356	0,84	207503	0,88	218619	0,88
BF2R-2F 200X65	200	8"	65	2"	0	207250	1,09	217357	1,09	207504	1,13	218620	1,13
BF2R-2F 300X65	300	12"	65	2"	1	207251	1,58	217358	1,58	207505	1,74	218621	1,74
BF2R-2F 400X65	400	16"	65	2"	1	207394	2,01	217359	2,01	207506	2,11	218622	2,11
BF2R-2F 450X65	450	18"	65	2"	1	209989	2,50	217360	2,50	207530	2,29	218623	2,29
BF2R-2F 500X65	500	20"	65	2"	2	207395	2,67	217361	2,67	207507	2,48	218624	2,48
BF2R-2F 600X65	600	24"	65	2"	2	207396	3,13	217362	3,13	207508	2,85	218625	2,85



BF2R 60x65 BF2R H65

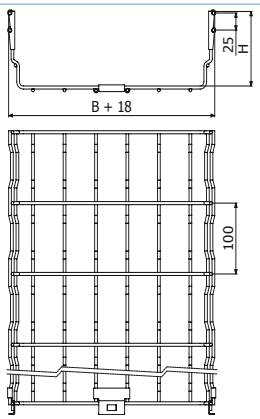
BF2R H105



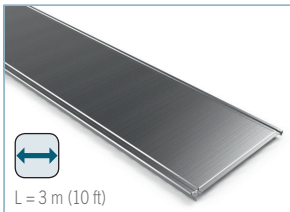
L = 3 m (10 ft)



	B		H			EZ		EZ 1000		i304		i316	
	mm	inch	mm	inch		REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
BF2R 100X105	100	4"	105	4"	0	207914	1,09	217363	1,09	218559	1,15	218626	1,15
BF2R 150X105	150	6"	105	4"	0	207915	1,14	217364	1,14	218560	1,20	218627	1,20
BF2R 200X105	200	8"	105	4"	0	207397	1,59	217365	1,59	207509	1,75	218628	1,75
BF2R 300X105	300	12"	105	4"	1	207398	2,01	217366	2,01	207510	2,38	218629	2,38
BF2R 400X105	400	16"	105	4"	1	207399	2,71	217367	2,71	207511	2,50	218630	2,50
BF2R 450X105	450	18"	105	4"	1	209990	2,92	217368	2,92	212109	2,71	218631	2,71
BF2R 500X105	500	20"	105	4"	2	207400	3,12	217369	3,12	207512	2,81	218632	2,81
BF2R 600X105	600	24"	105	4"	2	207401	3,53	217370	3,53	207513	3,26	218633	3,26

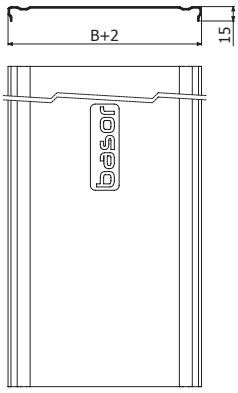


TBFR

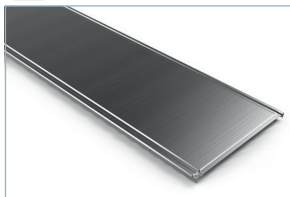


L = 3 m (10 ft)

	B		GS	
	mm	inch	REF.	kg/m
TBFR 100	100	4”	209796	0,71
TBFR 150	150	6”	209797	0,99
TBFR 200	200	8”	209798	1,27
TBFR 300	300	12”	209799	1,83
TBFR 400	400	16”	209800	2,39
TBFR 500	500	20”	209801	3,37
TBFR 600	600	24”	209802	4,01



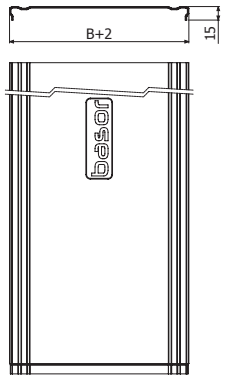
TERE



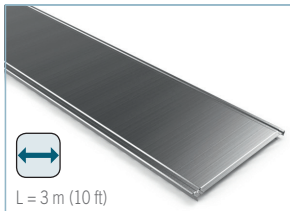
L = 3 m (10 ft)
100/150/200/300



	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TERE 100	100	4”	201312	0,55	201321	0,82	204560	0,71	218154	0,81
TERE 150	150	6”	201313	0,76	201322	1,14	205123	0,99	218155	1,13
TERE 200	200	8”	201314	0,98	201323	1,46	204561	1,27	218156	1,45
TERE 300	300	12”	201316	1,55	201325	2,11	204716	2,09	218157	2,09
TERE 400 2M	400	16”	201317	2,19	201326	2,75	-	-	-	-
TERE 500 2M	500	20”	201318	3,33	201327	3,77	-	-	-	-
TERE 600 2M	600	24”	201319	3,95	201328	4,46	-	-	-	-
TERE 400 3M	400	16”	-	-	-	-	204931	2,73	218158	2,73
TERE 500 3M	500	20”	-	-	-	-	204562	3,37	218159	3,37
TERE 600 3M	600	24”	-	-	-	-	205357	4,01	218160	4,01



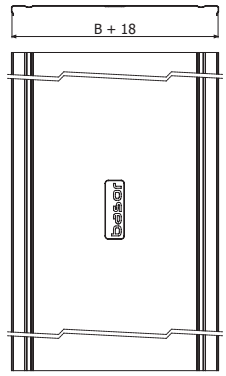
TEBFR (BF2R H105)

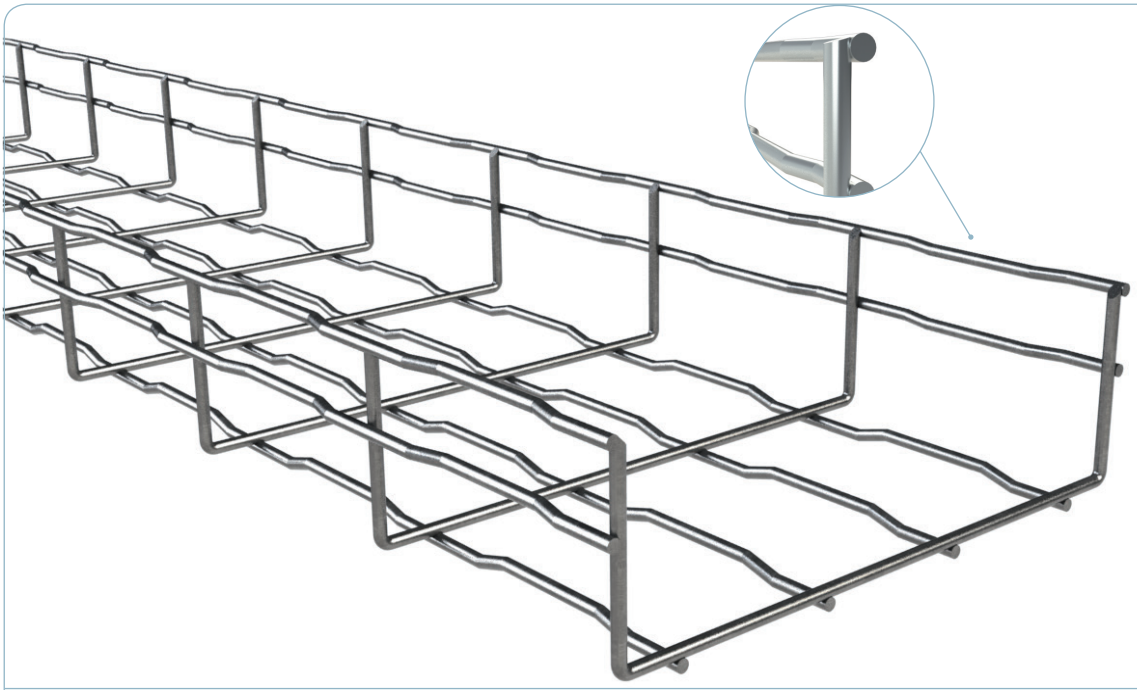


L = 3 m (10 ft)



	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TEBFR 100	100	4”	209789	0,81	209886	0,83	218576	0,81	218643	0,81
TEBFR 150	150	6”	209790	1,09	209887	1,12	218577	1,09	218644	1,09
TEBFR 200	200	8”	209791	1,37	209888	1,41	218578	1,37	218645	1,37
TEBFR 300	300	12”	209792	2,21	209889	1,99	218579	1,93	218646	1,93
TEBFR 400	400	16”	209793	2,85	209890	2,56	218580	2,49	218647	2,49
TEBFR 500	500	20”	209794	4,36	209891	3,59	218581	3,49	218648	3,49
TEBFR 600	600	24”	209795	5,16	209892	4,25	218582	4,13	218649	4,13





P 3E basor 20201809

PRODUCTO CERTIFICADO ANCE MR CERTIFIED PRODUCT

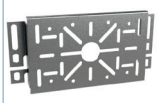
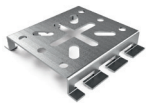
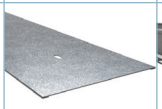
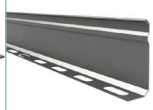
UL CERTIFIED SAFETY US·CA E358301

L > 100 m * — UNE-EN 61537

M0 — UNE-EN 61537 UNE 23727

150°C -50°C — UNE-EN 61537

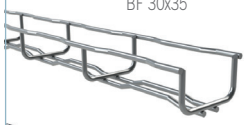
3 7 9C 9D — UNE-EN 61537

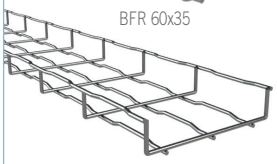
 URBF	 UREBF	 CGBF	 CULA 65/105	 CTBF	 JUBFR-A	 GBF	 UCBF
 KIT90	 JUER-BFR 60/65	 MU	 SL	 SLS	 SPBF	 SPVBF	 SSC	 SST
 STBF	 PBF	 SFS	 KFS	 PBF60	 STBU	 CFBFR41	 STB2	 SUC
 SUCM	 SUCM 35	 BJC	 BJCM	 SFL	 FSBFR	 PS	 PTBFR	 TFBFR

B		Filling Area							
		H35 (1 3/8")		H65 (2")		H105 (4")		H150 (6")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
60	2"	12	1,8	25	3,9	-	-	-	-
100	4"	23	3,5	51	7,8	-	-	-	-
150	6"	36	5,6	81	12,5	146	22,6	276	42,8
200	8"	50	7,7	111	17,2	199	30,8	424	65,7
300	12"	77	11,9	170	26,4	305	47,3	574	89,1
400	16"	-	-	228	35,4	410	63,6	649	100,7
500	20"	-	-	286	39,7	518	71,9	725	112,4
600	24"	-	-	345	44,3	625	80,2	875	135,7

BFR H35 EZ-GC


BF 30x35


BFR 60x35

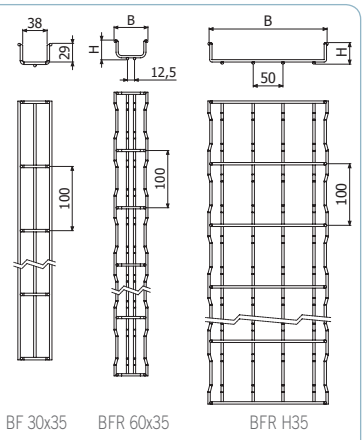

BFR 100-300x35

L = 3 m (10 ft)

	B		H		EZ		GC70	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BF 30X35	**30**	1"	**35**	1 3/8"	209804	0,47	-	-
BFR 60X35	**60**	2"	**35**	1 3/8"	206407	0,51	208230	0,55
BFR 100X35	**100**	4"	**35**	1 3/8"	203616	0,55	200286	0,63
BFR 150X35	**150**	6"	**35**	1 3/8"	203617	0,67	200287	0,73
BFR 200X35	**200**	8"	**35**	1 3/8"	203618	0,81	200288	0,89
BFR 300X35	**300**	12"	**35**	1 3/8"	203619	1,27	200289	1,39

30, 60, 100, 150, 200 2x CGBF (204364-EZ / 204360-GC).

300 3x CGBF (204364-EZ / 204360-GC)



BF 30x35 BFR 60x35 BFR H35

BFR H35 i304-i316


BF 30x35


BFR 60x35

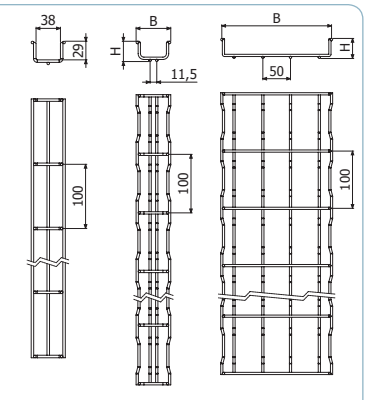

BFR 100-300x35

L = 3 m (10 ft)

	B		H		i304		i316	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BF 30X35	**30**	1"	**35**	1 3/8"	209803	0,43	-	-
BFR 60X35	**60**	2"	**35**	1 3/8"	206516	0,51	208233	0,51
BFR 100X35	**100**	4"	**35**	1 3/8"	200303	0,66	207415	0,66
BFR 150X35	**150**	6"	**35**	1 3/8"	200304	0,69	207416	0,69
BFR 200X35	**200**	8"	**35**	1 3/8"	200305	0,85	207417	0,85
BFR 300X35	**300**	12"	**35**	1 3/8"	200306	1,39	207418	1,39

≤ 200 2x CGBF (204915-i304 / 205358-i316)

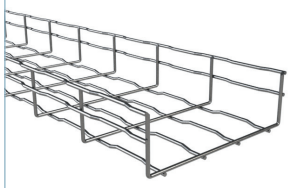
≥300 3x CGBF (204915-i304 / 205358-i316)



BF 30x35 BFR 60x35 BFR H35

BFR H65 EZ-GC


BFR-2F 60x65

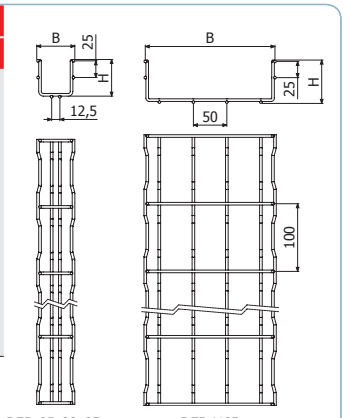


L = 3 m (10 ft)

	B		H		EZ		GC70	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR-2F 60X65	**60**	2"	**61**	2"	210009	0,71	215576	0,76
BFR 100X65	**100**	4"	**65**	2"	203622	0,77	200291	0,83
BFR 150X65	**150**	6"	**65**	2"	203623	0,82	200292	0,89
BFR 200X65	**200**	8"	**65**	2"	203624	1,06	200293	1,15
BFR 300X65	**300**	12"	**65**	2"	203625	1,57	200294	1,69
BFR 400X65	**400**	16"	**65**	2"	204407	1,96	200295	2,11
BFR 450X65	**450**	18"	**65**	2"	-	-	204957	2,39
BFR 500X65	**500**	20"	**65**	2"	204409	2,67	200296	2,87
BFR 600X65	**600**	24"	**65**	2"	203626	3,06	200297	3,29

≤ 200 2x URBF (206217-EZ / 206219-GC).

≥300 2x URBF (206217-EZ / 206219-GC) + 1x CGBF (204364-EZ / 204360-GC).



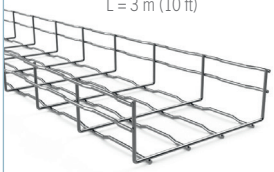
BFR-2R 60x65 BFR H65

BFR H65 i304-i316



BFR 60x65

L = 3 m (10 ft)

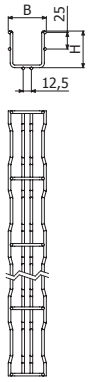


L = 3 m (10 ft)

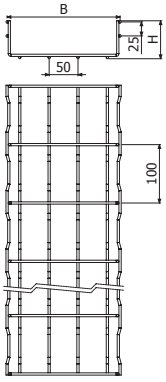
	B		H		i304		i316	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR-2F 60X65	60	2"	65	2"	200307	0,66	207419	0,67
BFR 100X65	100	4"	65	2"	200308	0,80	207420	0,80
BFR 150X65	150	6"	65	2"	200309	0,85	207421	0,85
BFR 200X65	200	8"	65	2"	200310	1,11	207422	1,11
BFR 300X65	300	12"	65	2"	200311	1,69	207423	1,69
BFR 400X65	400	16"	65	2"	200312	2,05	207424	2,05
BFR 500X65	500	20"	65	2"	200313	2,41	207425	2,41
BFR 600X65	600	24"	65	2"	200314	2,77	207426	2,78

≤ 200 2x CGBF (204915-i304 / 205358-i316)

≥300 3x CGBF (204915-i304 / 205358-i316)

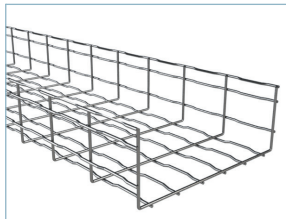


BFR-2F 60x65



BFR H65

BFR H105 EZ-GC

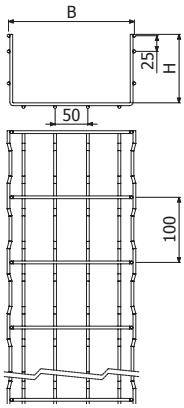


L = 3 m (10 ft)

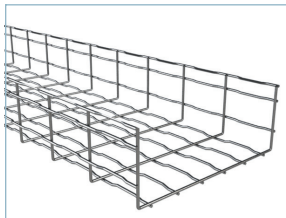
	B		H		EZ		GC70	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 100X105	100	4"	105	4"	-	-	206351	1,15
BFR 200X105	200	8"	105	4"	204953	1,57	200298	1,69
BFR 300X105	300	12"	105	4"	204959	1,90	200299	2,05
BFR 400X105	400	16"	105	4"	204960	2,66	200300	2,86
BFR 500X105	500	20"	105	4"	204961	2,83	200301	3,05
BFR 600X105	600	24"	105	4"	206043	3,42	200302	3,68

≤ 200 2x URBF (206217-EZ / 206219-GC).

≥300 2x URBF (206217-EZ / 206219-GC) + 1x CGBF (204364-EZ / 204360-GC).



BFR H105 i304-i316

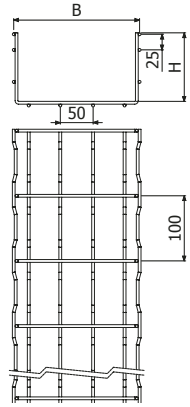


L = 3 m (10 ft)

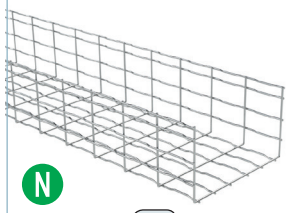
	B		H		i304		i316	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 100X105	100	4"	105	4"	208769	1,12	-	-
BFR 150X105	150	6"	105	4"	218738	1,60	-	-
BFR 200X105	200	8"	105	4"	200315	1,69	207427	1,69
BFR 300X105	300	12"	105	4"	200316	2,05	207428	2,05
BFR 400X105	400	16"	105	4"	200317	2,41	207429	2,41
BFR 500X105	500	20"	105	4"	200318	2,77	207430	2,78
BFR 600X105	600	24"	105	4"	200319	3,14	207431	3,14

≤ 200 2x CGBF (204915-i304 / 205358-i316)

≥300 3x CGBF (204915-i304 / 205358-i316)



BFR H150 EZ



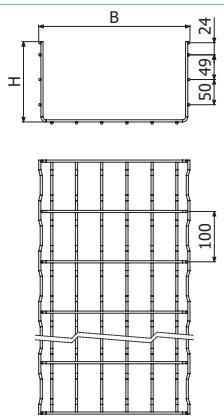
N

L = 3 m (10 ft)

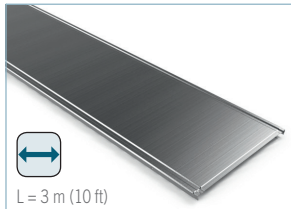
	B		H		EZ	
	mm	inch	mm	inch	REF.	kg/m
BFR 200X150	200	8"	150	4"	209549	1,98
BFR 300X150	300	12"	150	4"	209550	2,66
BFR 400X150	400	16"	150	4"	209551	3,06
BFR 450X150	450	18"	150	4"	209991	3,16
BFR 500X150	500	20"	150	4"	209552	3,45
BFR 600X150	600	24"	150	4"	209553	3,63

= 200 4x CGBF (204364-EZ)

≥300 5x CGBF (204364-EZ)

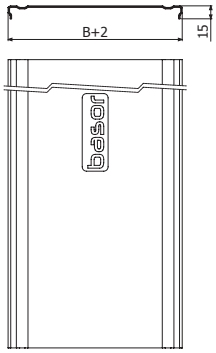


TBFR

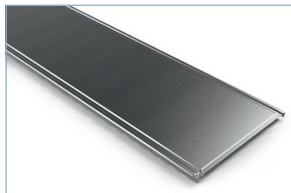


L = 3 m (10 ft)

	B		GS	
	mm	inch	REF.	kg/m
TBFR 100	100	4"	209796	0,71
TBFR 150	150	6"	209797	0,99
TBFR 200	200	8"	209798	1,27
TBFR 300	300	12"	209799	1,83
TBFR 400	400	16"	209800	2,39
TBFR 500	500	20"	209801	3,37
TBFR 600	600	24"	209802	4,01



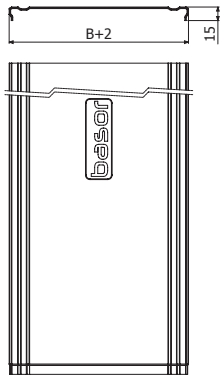
TERE



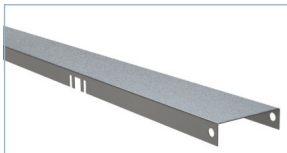
L = 3 m (10 ft)
100/150/200/300



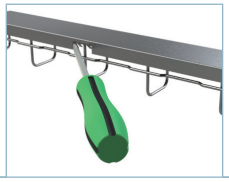
	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TERE 100	100	4"	201312	0,55	201321	0,82	204560	0,71	218154	0,81
TERE 150	150	6"	201313	0,76	201322	1,14	205123	0,99	218155	1,13
TERE 200	200	8"	201314	0,98	201323	1,46	204561	1,27	218156	1,45
TERE 300	300	12"	201316	1,55	201325	2,11	204716	2,09	218157	2,09
TERE 400 2M	400	16"	201317	2,37	201326	2,75	-	-	-	-
TERE 500 2M	500	20"	201318	3,33	201327	3,77	-	-	-	-
TERE 600 2M	600	24"	201319	3,95	201328	4,46	-	-	-	-
TERE 400 3M	400	16"	-	-	-	-	204931	2,73	218158	2,73
TERE 500 3M	500	20"	-	-	-	-	204562	3,37	218159	3,37
TERE 600 3M	600	24"	-	-	-	-	205357	4,01	218160	4,01



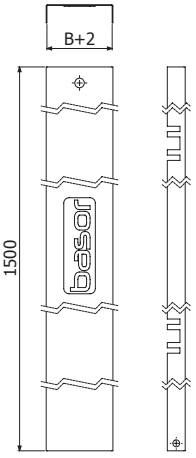
TBF 60

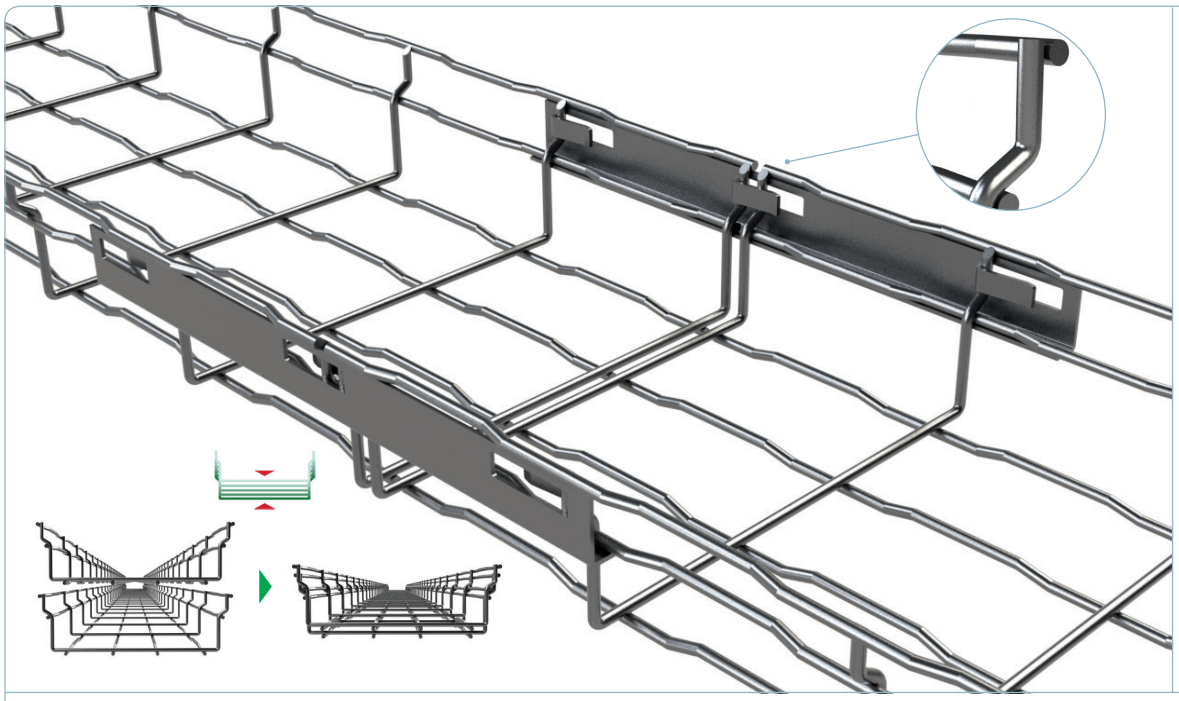


L = 1,5 m (5 ft)



	B		GS		GC		i304	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
TBF 60 1,5M	60	2"	206044	0,55	203614	0,63	205594	0,55





L > 100 m *
UNE-EN 61537

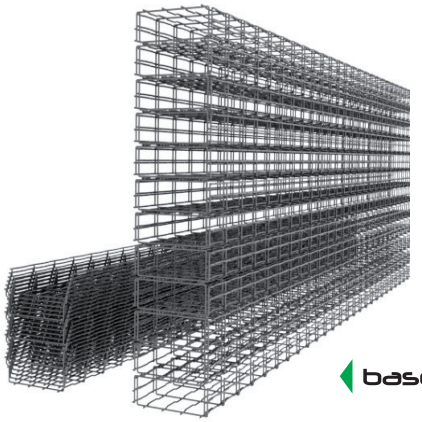
M0
UNE-EN 61537
UNE 23727

150ºC
-50ºC
UNE-EN 61537

3 7
UNE-EN 61537

H65 (2")

-66%



H105 (4")

-50%

basorfil Energy 3 E-BFR

basorfil BFR

Filling Area					
B		H65 (2")		H105 (4")	
mm	inch	cm²	in²	cm²	in²
60	2"	21	3,3	-	-
100	4"	43	6,7	-	-
150	6"	72	11,2	-	-
200	8"	100	15,5	186	28,8
300	12"	156	24,2	291	45,1
400	16"	212	32,9	396	61,4
500	20"	268	41,5	501	77,7
600	24"	324	50,2	606	93,9

EBFR H105



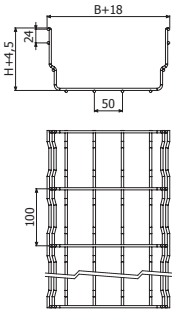
L = 3 m (10 ft)

basorfil Energy 3 e-BFR

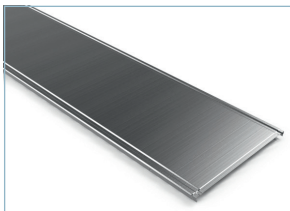
	B		H		EZ		GC70		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
EBFR 100x105	100	4"	105	4"	207916	1,06	207918	1,13		
EBFR 150x105	150	6"	105	4"	207917	1,11	207919	1,18		
EBFR 200x105	200	8"	105	4"	207312	1,57	207333	1,69		
EBFR 300x105	300	12"	105	4"	207313	1,90	207334	2,05		
EBFR 400x105	400	16"	105	4"	207314	2,46	207335	2,65		
EBFR 450x105	450	18"	105	4"	-	-	209548	2,85		
EBFR 500x105	500	20"	105	4"	207315	2,83	207336	3,05		
EBFR 600x105	600	24"	105	4"	207316	3,20	207337	3,45		

B ≤ 200 2x URBF (206217-EZ / 206219-GC)

B ≥300 2x URBF (206217-EZ / 206219-GC) + 1x CGBF (204364-EZ - 204360-GC)



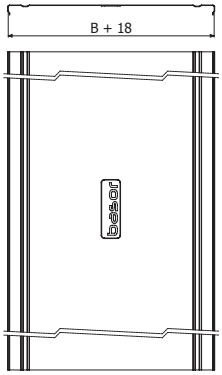
TEBFR



L = 3 m (10 ft)



	B		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
TEBFR 100	100	4"	209789	0,81	209886	0,83	218576	0,81	218643	0,81
TEBFR 150	150	6"	209790	1,09	209887	1,12	218577	1,09	218644	1,09
TEBFR 200	200	8"	209791	1,37	209888	1,41	218578	1,37	218645	1,37
TEBFR 300	300	12"	209792	2,21	209889	1,99	218579	1,93	218646	1,93
TEBFR 400	400	16"	209793	2,85	209890	2,56	218580	2,49	218647	2,49
TEBFR 500	500	20"	209794	4,36	209891	3,59	218581	3,49	218648	3,49
TEBFR 600	600	24"	209795	5,16	209892	4,25	218582	4,13	218649	4,13



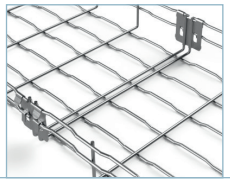
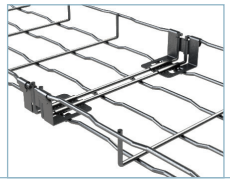
URBF

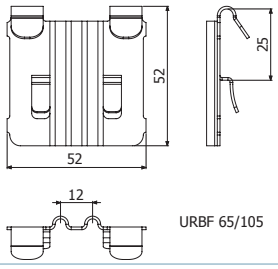

URBF 35


URBF 65/105

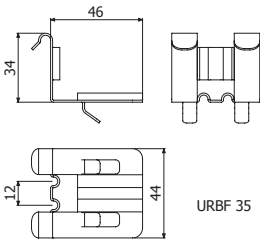
	EZ		GC	
	REF.	kg/ud	REF.	kg/ud
URBF 65/105	206217	0,03	206219	0,03
URBF 35	207271	0,04	207272	0,04

65 / 105
105
65
UR BFR 65/105 EBFR 105
UR BFR 35>B150



URBF 65/105



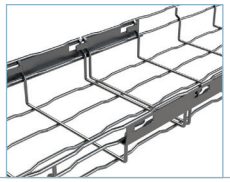
URBF 35

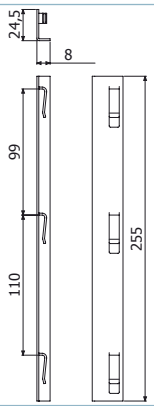
UREBF



	GS		GC	
	REF.	kg/ud	REF.	kg/ud
UREBF 65	209870	0,10	209871	0,11

65
B<600





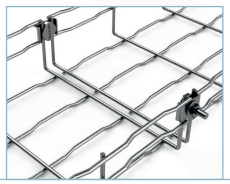
CGBF

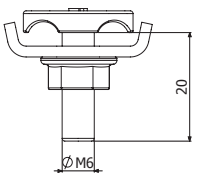


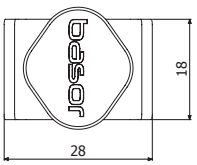
	Pap	EZ		GC		i304		i316	
	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CGBF	6	204364	0,03	204360	0,03	204915	0,03	205358	0,03

CTBF + GBF

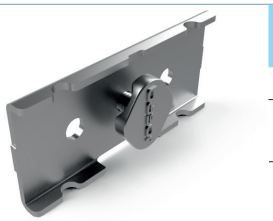
10

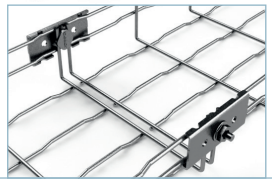






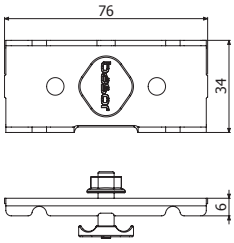
CULA





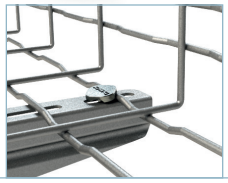
	Pap	EZ		GC		i304		i316	
	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	Ref.	kg/ud
CULA 65/105	6	204919	0,06	204363	0 ,08	204921	0,06	218590	0,06

10



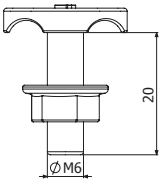
CTBF

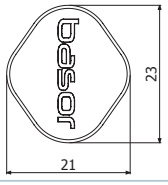




	Pap	EZ		GC		i304		i316	
	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	Ref.	kg/ud
CTBF	6	204362	0,02	207132	0,02	204923	0,02	208229	0,02

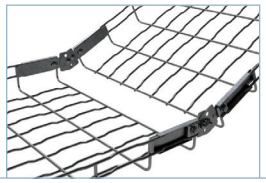
10





JUBFR-A

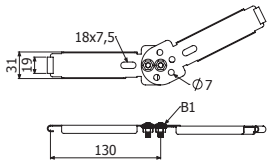




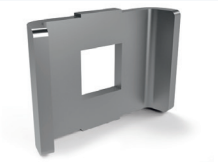
	GS		i304		i316	
	REF.	kg/ud	Ref.	kg/ud	Ref.	kg/ud
JUBFR-A 65/105	209868	0,12	209869	0,12	218588	0,12

2 x GBF (200337-EZ / 200340-i304) + 2/100 x B1 (204356-EZ / 204925-i304)

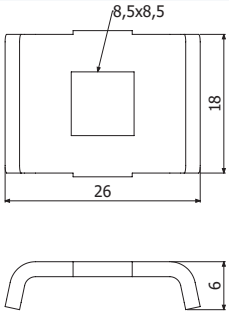
10



GBF



	EZ		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
GBF	200337	0,01	200339	0,01	200340	0,01	21104	0,01

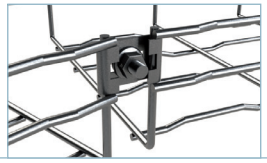


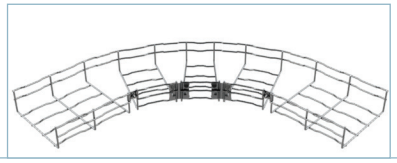
UCBF

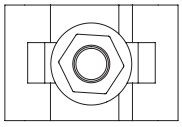


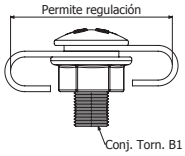
	Pap	EZ		GC		i304	
	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
UCBF	6	205059	0,025	205060	0,03	205093	0,03











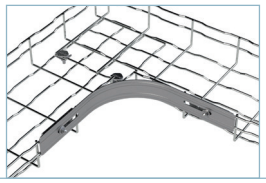
KIT90

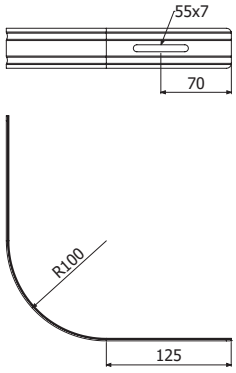


N

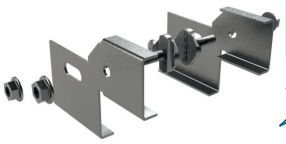
	GS	
	REF.	kg/ud
KIT90	218641	0,48

2 x (ULA 65 EZ + ISO7380-2 M6x25 EZ + DIN6923 M6 EZ)





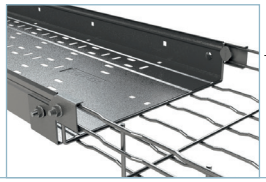
JUER-BFR

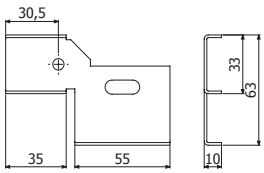


	i304		i316	
	REF.	kg/ud	REF.	kg/ud
JUER-BFR 60/65	207018	0,18	218387	0,18

2 x CTBF + 2/100 x B1

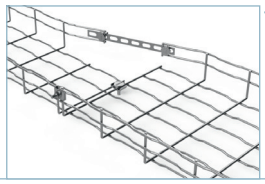






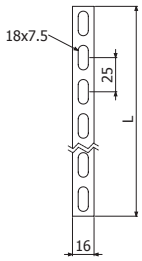
MU





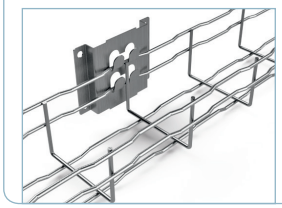
	L	GS		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
MU 500	500	200357	0,05	209872	0,06	214244	0,06
MU 275	275	210007	0,05	☎	☎	☎	☎

2 x CTBF



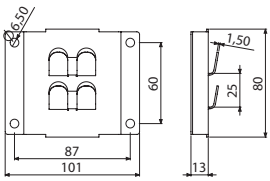
SL





	GS		GC		i304	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SL	200355	0,08	200365	0,13	200375	0,08

Mod. 60x65 - 100x65.



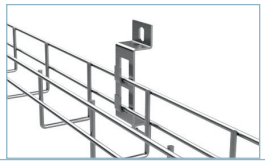
SLS

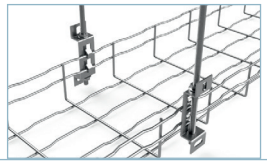


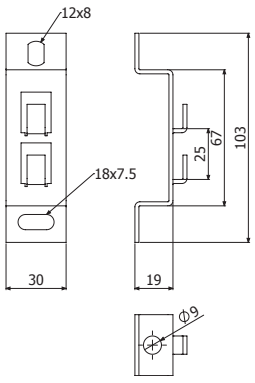
	GS		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SLS	200360	0,05	200370	0,05	200380	0,05	218561	0,05

BFR/BF2R 60x65 - 100x65

VR6/VR8 - BFR/BF2R 60x65..200x65



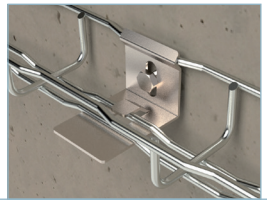




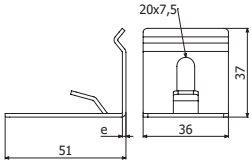
SPBF



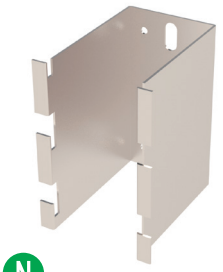
N



	GS		i304	
	REF.	kg/ud	REF.	kg/ud
SPBF 60-100x35	217591	0,33	217595	0,33

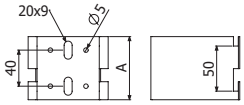


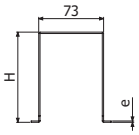
SPVBF



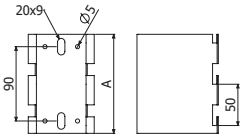
N

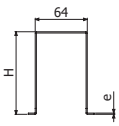
	H	A	e	GS		i304	
				REF.	kg/ud	REF.	kg/ud
SPVBF 100/70	100	70	1,5	218716	0,23	218717	0,23
SPVBF 100/120	100	120	1,5	218705	0,38	218706	0,38



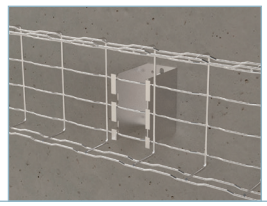


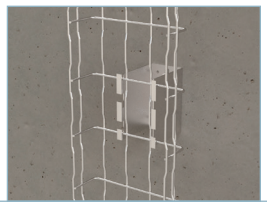
SPVBF 100/70



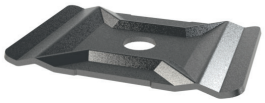


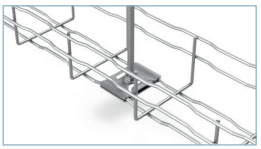
SPVBF 100/120





SSC

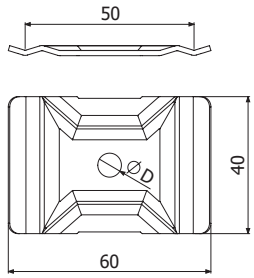




	D	EZ		GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SSC 6	7	218761	0,35	218760	0,35	-	-	-	-
SSC 8/10	10,5	202064	0,03	200363	0,03	200373	0,03	218553	0,03

SSC 6 -> M6
SSC 8/10 -> M8/M10

60x35, 150x35, 60x65.

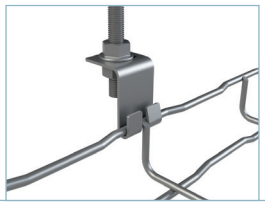


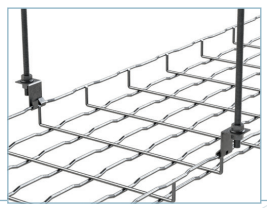
SST

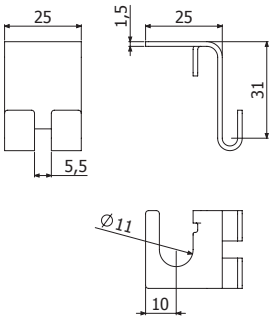


	GS		i316	
	REF.	kg/ud	REF.	kg/ud
SST	205724	0,02	218803	0,02

VR8/VR10



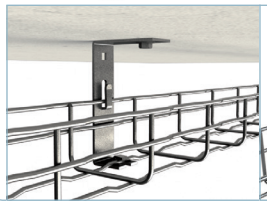


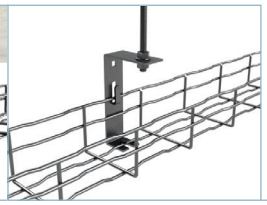


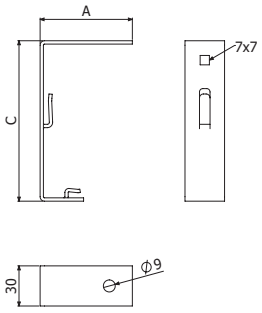
STBF



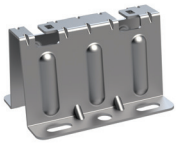
	A	C	GS		GC	
	mm	mm	REF.	kg/ud	REF.	kg/ud
STBF 100X35	45	90	209675	0,05	209857	0,07
STBF 60X65	45	120	217314	0,10	☎	☎
STBF 100X65	70	120	200886	0,13		



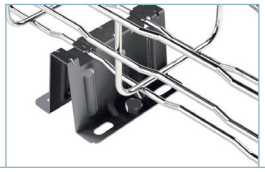


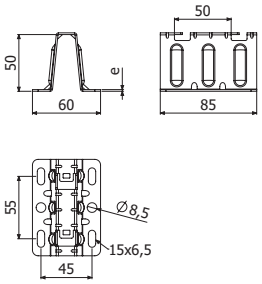


PBF



	e	CTA		GS		GC		i304		i316	
	mm	kg	lb	REF.	kg/ud	REF.	kg/m	REF.	kg/ud	REF.	kg/ud
PBF	1	250	551	205590	0,13	204397	0,14	208777	0,13	218565	0,13





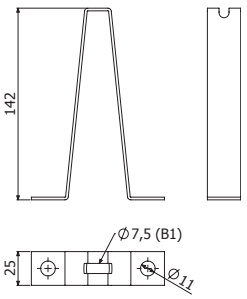
SFS



	GS	
	REF.	kg/m
SFS 140	205602	0,14

C-SVO + 2 x SFS + 2/100 x B1



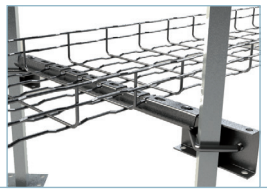


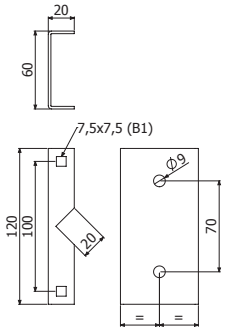
KFS

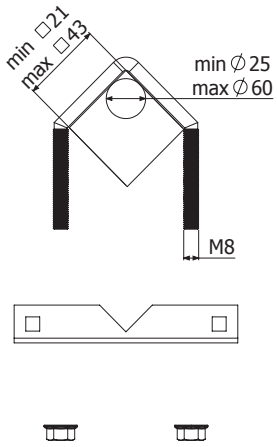


	Pap N·m	GS REF.	GS kg/ud
KFS	15	208231	0,25

13 C-SVO



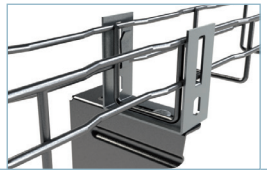


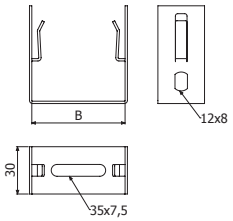


PBF60



	B mm	B inch	i304 REF.	i304 kg/ud	i316 REF.	i316 kg/ud
PBF60	60	2"	207304	0,14	218566	0,14



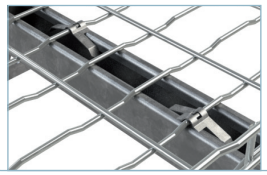


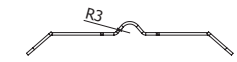
CFBFR41

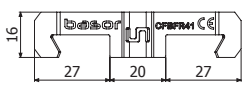


	i301 REF.	i301 kg/ud	i316 REF.	i316 kg/ud
CFBFR41	210284	0,01	218567	0,01

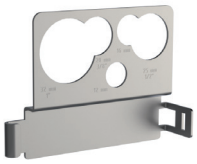
SP, SP3S, 41/82

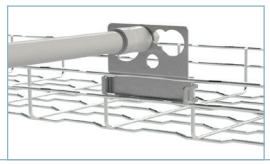




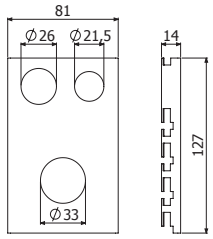


STB2



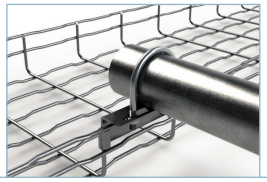


	GS		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
STB2 12-32	218798	0,08	218799	0,08	218800	0,08	218801	0,08



STBU

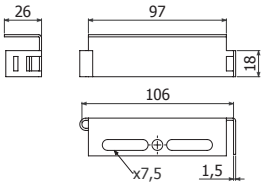




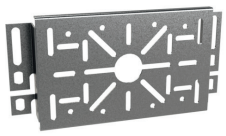
	GS	
	REF.	kg/ud
STBU	205834	0,05

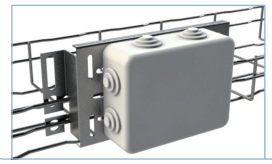
H65/H105

H105

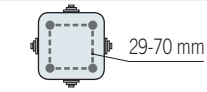


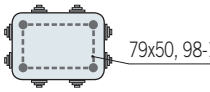
SUC

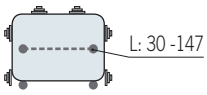


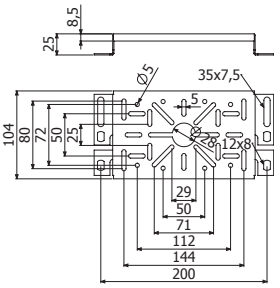


	GS		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SUC	200358	0,28	200368	0,30	200378	0,28	218563	0,28

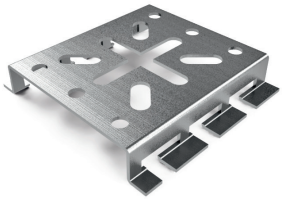

29-70 mm


79x50, 98-128x50, 15-55x82

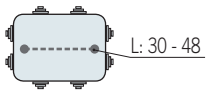

L: 30 -147

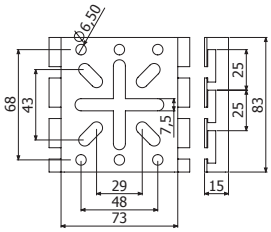


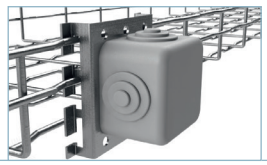
SUCM

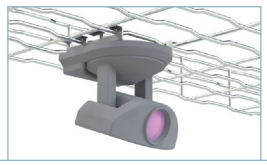


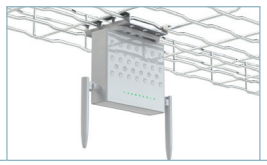
	GS		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SUCM	200359	0,08	200369	0,12	200379	0,08	218564	0,08





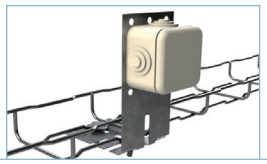






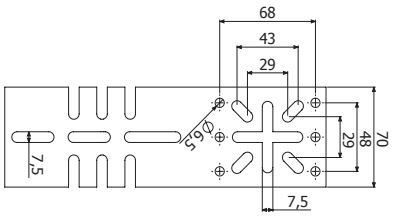
SUCM 35



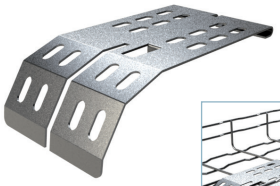


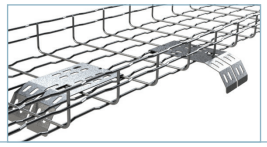
	GS		GC		i304
	REF.	kg/ud	REF.	kg/ud	
SUCM 35	206343	0,11	207256	0,12	

2 x CTBF (204362-EZ // 207132-GC // 204923-i304)

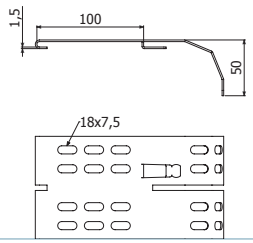


BJC

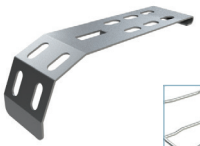




	GS		GC	
	REF.	kg/ud	REF.	kg/ud
BJC	206451	0,18	206452	0,20

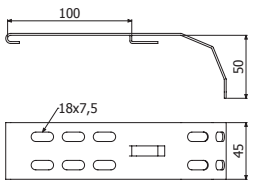


BJCM



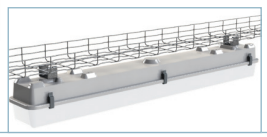


	GS	
	REF.	kg/ud
BJCM	209807	0,115

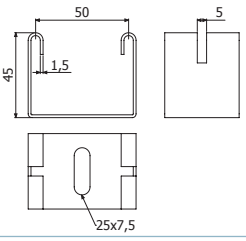


SFL





	GS		i304	
	REF.	kg/ud	REF.	kg/ud
SFL	205906	0,09	2011308	0,08



FSBFR

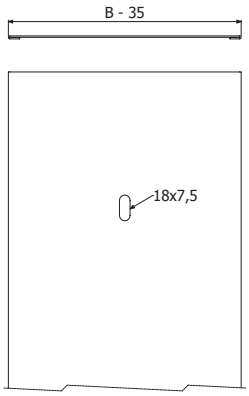


L = 3 m (10 ft)

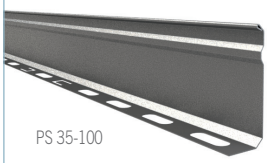


	B		GS	
	mm	inch	REF.	kg/m
FSBFR 100	100	4”	209658	0,61
FSBFR 150	150	6”	209659	1,01
FSBFR 200	200	8”	209660	1,41
FSBFR 300	300	12”	209661	2,22
FSBFR 400	400	16”	209662	3,03
FSBFR 500	500	20”	209663	3,83
FSBFR 600	600	24”	209664	4,63

1/100 x B1 (204356-EZ // 206826-GC) + GBF (200337-EZ // 200339-GC) (1000 <-> 1000 mm)



PS



PS 35-100

L = 3 m (10 ft)

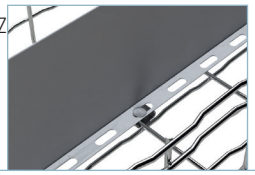


PSL 150

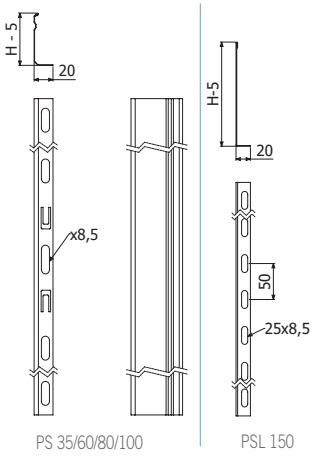
	H		GS		GC		i304	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8”	203476	0,29	203479	0,29	211227	0,29
PS 60	60	2”	202066	0,34	203480	0,43	203645	0,34
PS 80	80	3 1/7”	203477	0,46	203481	0,63	211228	0,46
PS 100	100	4”	203478	0,56	203482	0,76	205138	0,56
PSL 150	150	6”	209852	1,09	-	-	-	-

H 35/60/80/100

PSL 150: B1 (204356-EZ // 206826-GC) + GBF (200337-EZ // 200339-GC) (1000 <-> 1000 mm)



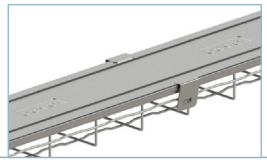




PS 35/60/80/100 PSL 150

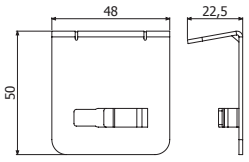
PTBFR





	GS		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
PTBFR	210253	0,04	210254	0,04	218554	0,04

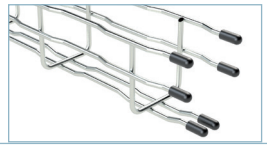
4 x PTBFR => 1 x TERE (BFR)



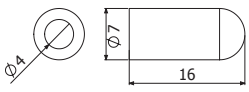
H65-105

TFBFR-100





	PVC	
	REF.	kg/ud
TFBFR-100 PVC	217846	0,01



A

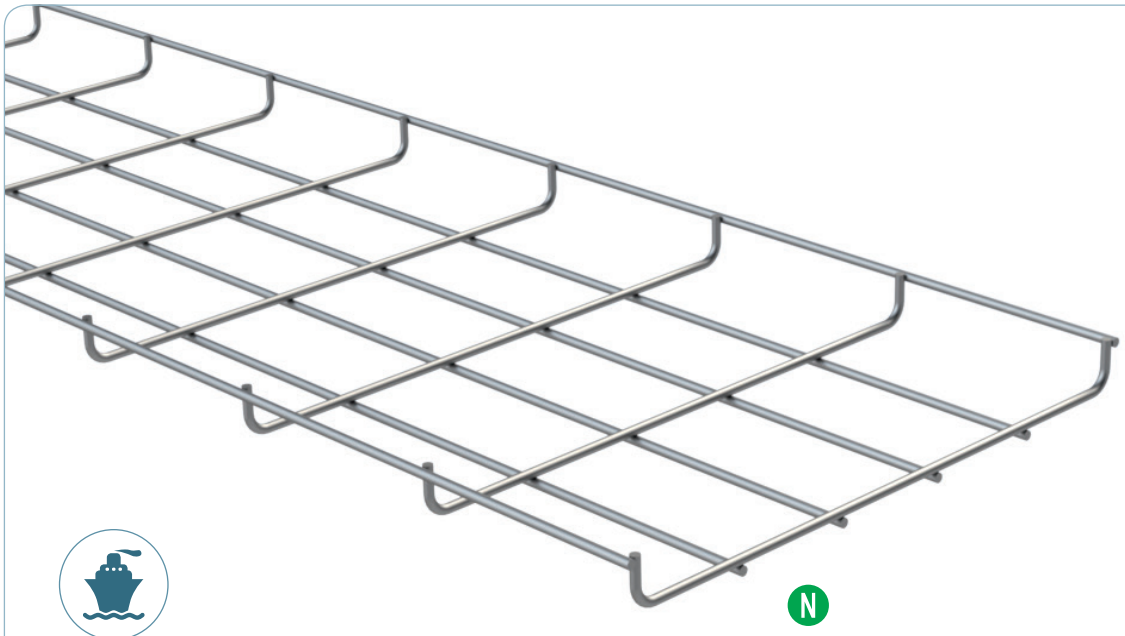


TDC



BPZ

	REF.	kg/ud
TDC	205066	1,54
BPZ 400 ml.	207224	0,44



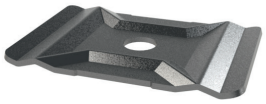
L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

7
UNE-EN 61537

20J
UNE-EN 61537



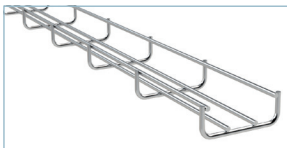
SSC



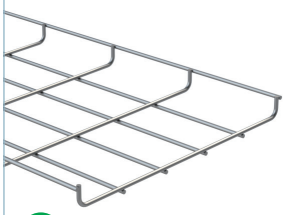
SSC 70x25

		Filling Area	
B		H25 (1")	
mm	inch	cm²	in²
70	2 3/4"	11,8	1,8
100	4"	14,6	2,3
150	6"	23,1	3,6
200	8"	31,6	4,9
250	10"	40,1	6,2
300	12"	48,6	7,5

BF-EB H25



70x25



100-300x25

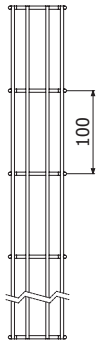
L = 2 m (6,56 ft)

	B		H		GC70	
	mm	inch	mm	inch	REF.	kg/m
BF-EB 70X25	70	2 3/4"	25	1"	218805	0,33
BF-EB 100X25	100	4"	25	1"	218806	0,35
BF-EB 150X25	150	6"	25	1"	218807	0,38
BF-EB 200X25	200	8"	25	1"	218808	0,54
BF-EB 250X25	250	10"	25	1"	218809	0,66
BF-EB 300X25	300	12"	25	1"	218810	0,85

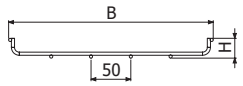
70 1x CGBF (204360-GC)

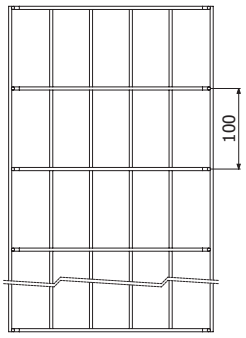
100-300 2x CGBF (204360-GC)





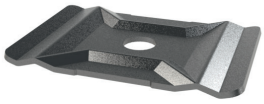
70x25

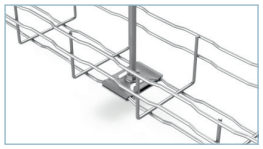




100-300x25

SSC

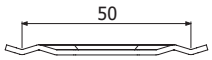


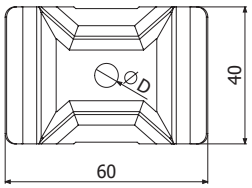


	D	EZ		GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SSC 6	7	218761	0,35	218760	0,35	-	-	-	-
SSC 8/10	10,5	202064	0,03	200363	0,03	200373	0,03	218553	0,03

SSC 6 -> M6
SSC 8/10 -> M8/M10

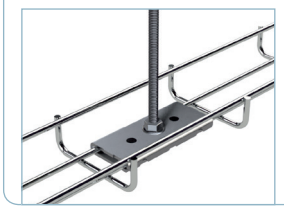
60x35, 150x35, 60x65.





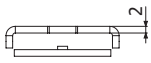
SSC 70x25

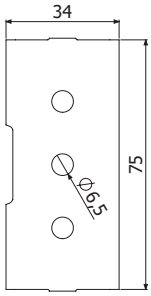




	GC		i304	
	REF.	kg/ud	REF.	kg/ud
SSC 70x25	218825	0,08	218821	0,08

M6







basortrav

FE H60 ..... P. 04

FE H75/100/120/150 ..... P. 18

F2E H100/120/150 ..... P. 21

BSL/BSLR ..... P. 58

RP ..... P. 72

F ..... P. 78

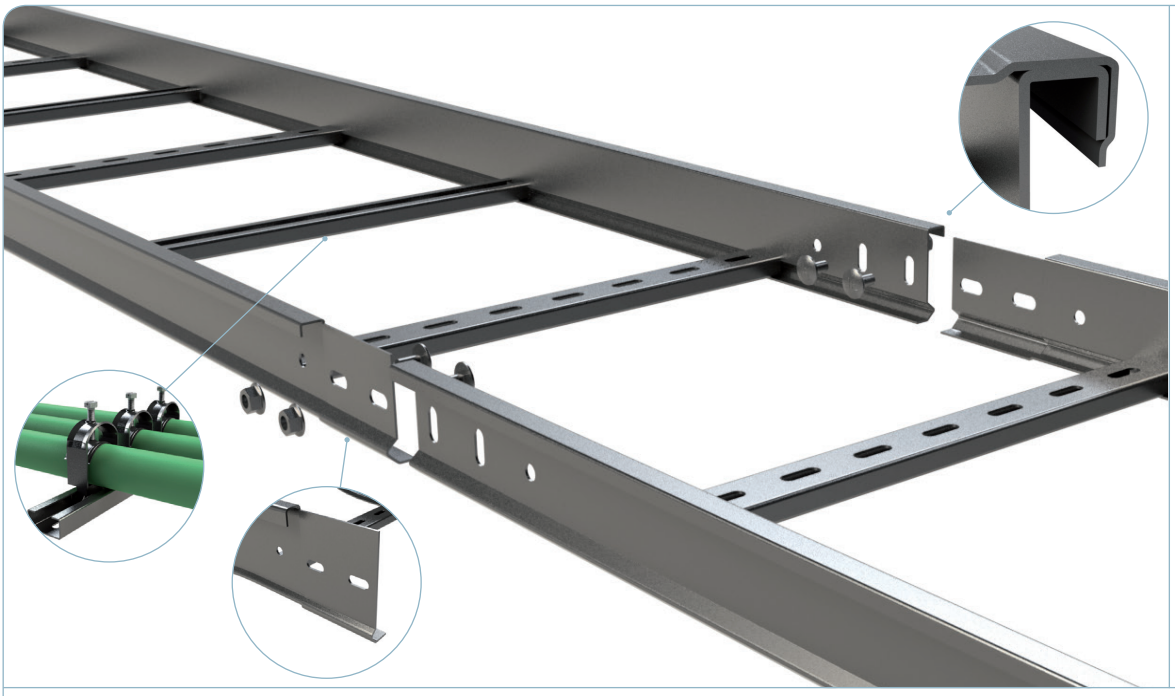
UEC ..... P. 82

I ..... P. 88

EML ..... P. 108

EMS ..... P. 109

BASORTRAV



CERTIFIED
SAFETY US
E358301

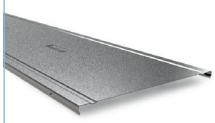
L > 100 m*
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150C
-50C
UNE-EN 61537

6 7
UNE-EN 61537

20J
UNE-EN 61537


TFE/TFEL


CPFE-125 H60


CCXFE-125 H60


TEFE-125 H60


CRFE-125 H60


CPFE-300


CCFE-300


CXFE-300


TEFE-300


CRFE-300


REFE H60

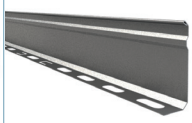

BFE


PTFE


JUFE H60


JUFE-A H60


JUFE-B H60


PS


BJCFE

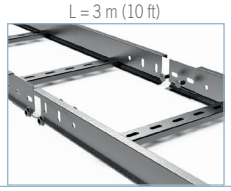

B2

		Filling Area	
B		H60 (2 3/8")	
mm	inch	cm²	in²
100	4"	45	7,0
150	6"	67	10,4
200	8"	89	13,8
300	12"	134	20,8
400	16"	178	27,6
500	20"	223	36,1
600	24"	267	41,4

FE H60

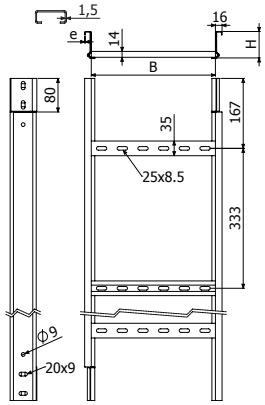


L = 3 m (10 ft)

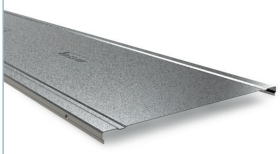


	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 100x60x1,5-333 3M	100	4''	63	2 1/2"	1,5	200749	2,70
FE 150x60x1,5-333 3M	150	6''	63	2 1/2"	1,5	200750	2,84
FE 200x60x1,5-333 3M	200	8''	63	2 1/2"	1,5	200751	2,97
FE 300x60x1,5-333 3M	300	12''	63	2 1/2"	1,5	200752	3,24
FE 400x60x1,5-333 3M	400	16''	63	2 1/2"	1,5	200753	3,50
FE 500x60x1,5-333 3M	500	20''	63	2 1/2"	1,5	200754	3,77
FE 600x60x1,5-333 3M	600	24''	63	2 1/2"	1,5	200755	4,03

4/100 x B2 (206792 - GC)



TFE

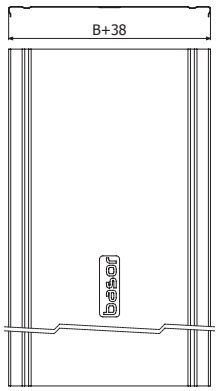


L = 3 m (10 ft)

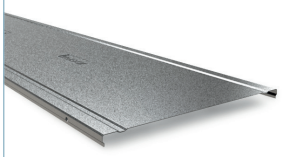
400/500/600 - L= 2 m (6,56 ft)

	B		e	GC	
	mm	inch	mm	REF.	kg/m
TFE 100x1,5 3M	100	4''	1,5	204937	2,06
TFE 150x1,5 3M	150	6''	1,5	204472	2,66
TFE 200x1,5 3M	200	8''	1,5	204473	3,26
TFE 300x1,5 3M	300	12''	1,5	203579	4,46
TFE 400x1,5 2M	400	16''	1,5	204430	5,66
TFE 500x1,5 2M	500	20''	1,5	204509	6,86
TFE 600x1,5 2M	600	24''	1,5	204494	8,06

4 x PTFE/PTFE-E60 -> 1 x TFE



TFEL

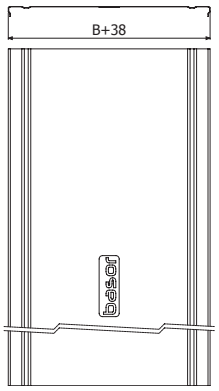


L = 3 m (10 ft)

400/500/600 - L= 2 m (6,56 ft)

	B		e	GC	
	mm	inch	mm	REF.	kg/m
TFEL 100x0,8 3M	100	4"	0,8	210000	1,10
TFEL 150x0,8 3M	150	6"	0,8	210001	1,42
TFEL 200x0,8 3M	200	8"	0,8	210002	1,74
TFEL 300x0,8 3M	300	12"	0,8	210003	2,38
TFEL 400x1 2M	400	16"	1	210004	3,78
TFEL 500x1 2M	500	20"	1	210005	4,58
TFEL 600x1 2M	600	24"	1	210006	5,38

4 x PTFE/PTFE-E60 -> 1 x TFEL



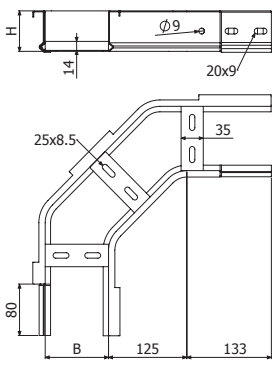
CPFE-125 H60





	A	R		B		H		e	GC	
	°	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CPFE-125 100x60x1,5	90	125	5"	100	4''	63	2 1/2"	1,5	200770	1,53
CPFE-125 150x60x1,5	90	125	5"	150	6''	63	2 1/2"	1,5	200771	1,77
CPFE-125 200x60x1,5	90	125	5"	200	8''	63	2 1/2"	1,5	200772	2,01
CPFE-125 300x60x1,5	90	125	5"	300	12''	63	2 1/2"	1,5	200773	2,48
CPFE-125 400x60x1,5	90	125	5"	400	16''	63	2 1/2"	1,5	200774	2,85
CPFE-125 500x60x1,5	90	125	5"	500	20''	63	2 1/2"	1,5	200775	3,42
CPFE-125 600x60x1,5	90	125	5"	600	24''	63	2 1/2"	1,5	200776	3,89

4/100 x B2 (206792 - GC)



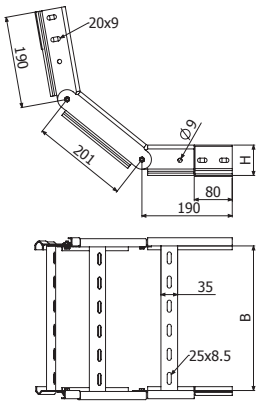
CCXFE-125 H60





	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCXFE-125 100x60x1,5	100	4"	63	2 1/2"	1,5	205222	1,53
CCXFE-125 150x60x1,5	150	6"	63	2 1/2"	1,5	205223	1,66
CCXFE-125 200x60x1,5	200	8"	63	2 1/2"	1,5	205224	1,80
CCXFE-125 300x60x1,5	300	12"	63	2 1/2"	1,5	205225	2,08
CCXFE-125 400x60x1,5	400	16"	63	2 1/2"	1,5	205226	2,35
CCXFE-125 500x60x1,5	500	20"	63	2 1/2"	1,5	205227	2,63
CCXFE-125 600x60x1,5	600	24"	63	2 1/2"	1,5	205228	2,90

4/100 x B2 (206792 - GC)

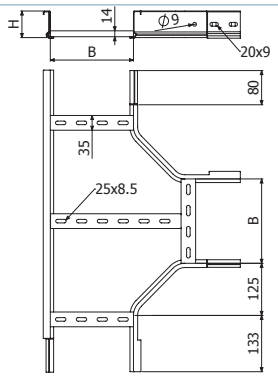


TEFE-125 H60

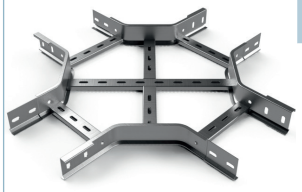


	R		B		H		e	GC	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
TEFE-125 100x60x1,5	125	5"	100	4"	63	2 1/2"	1,5	200812	2,19
TEFE-125 150x60x1,5	125	5"	150	6"	63	2 1/2"	1,5	200813	2,43
TEFE-125 200x60x1,5	125	5"	200	8"	63	2 1/2"	1,5	200814	2,66
TEFE-125 300x60x1,5	125	5"	300	12"	63	2 1/2"	1,5	200815	3,12
TEFE-125 400x60x1,5	125	5"	400	16"	63	2 1/2"	1,5	200816	4,03
TEFE-125 500x60x1,5	125	5"	500	20"	63	2 1/2"	1,5	200817	4,59
TEFE-125 600x60x1,5	125	5"	600	24"	63	2 1/2"	1,5	200818	5,76

4/100 x B2 (206792 - GC)

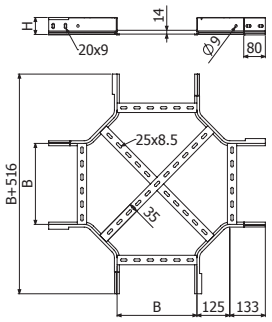


CRFE-125 H60



	R		B		H		e	GC	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CRFE-125 100x60x1,5	125	5"	100	4"	63	2 1/2"	1,5	200833	2,88
CRFE-125 150x60x1,5	125	5"	150	6"	63	2 1/2"	1,5	200834	3,18
CRFE-125 200x60x1,5	125	5"	200	8"	63	2 1/2"	1,5	200835	3,48
CRFE-125 300x60x1,5	125	5"	300	12"	63	2 1/2"	1,5	200836	4,07
CRFE-125 400x60x1,5	125	5"	400	16"	63	2 1/2"	1,5	200837	4,66
CRFE-125 500x60x1,5	125	5"	500	20"	63	2 1/2"	1,5	200838	5,25
CRFE-125 600x60x1,5	125	5"	600	24"	63	2 1/2"	1,5	200839	6,50

4/100 x B2 (206792 - GC)



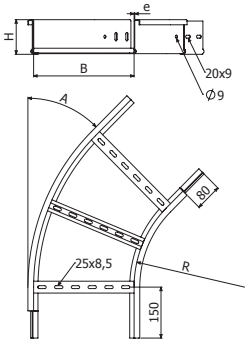
CPFE30-300





	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE30-300 100X60X1.5	30	300	12"	100	4"	63	2 1/2"	217613	1,30
CPFE30-300 150X60X1.5	30	300	12"	150	6"	63	2 1/2"	217614	1,42
CPFE30-300 200X60X1.5	30	300	12"	200	8"	63	2 1/2"	217615	1,55
CPFE30-300 300X60X1.5	30	300	12"	300	12"	63	2 1/2"	217616	1,79
CPFE30-300 400X60X1.5	30	300	12"	400	16"	63	2 1/2"	217617	2,40
CPFE30-300 500X60X1.5	30	300	12"	500	20"	63	2 1/2"	217618	2,74
CPFE30-300 600X60X1.5	30	300	12"	600	24"	63	2 1/2"	217619	3,08

4/100 x B2 (206792 - GC)



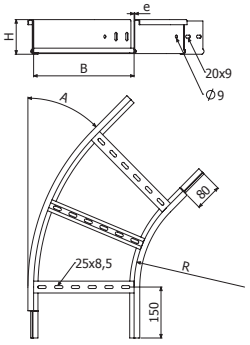
CPFE45-300





	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE45-300 100X60X1.5	45	300	12"	100	4"	63	2 1/2"	217620	1,80
CPFE45-300 150X60X1.5	45	300	12"	150	6"	63	2 1/2"	217621	1,98
CPFE45-300 200X60X1.5	45	300	12"	200	8"	63	2 1/2"	217622	2,35
CPFE45-300 300X60X1.5	45	300	12"	300	12"	63	2 1/2"	217623	2,72
CPFE45-300 400X60X1.5	45	300	12"	400	16"	63	2 1/2"	217624	3,09
CPFE45-300 500X60X1.5	45	300	12"	500	20"	63	2 1/2"	217625	3,46
CPFE45-300 600X60X1.5	45	300	12"	600	24"	63	2 1/2"	217626	3,08

4/100 x B2 (206792 - GC)



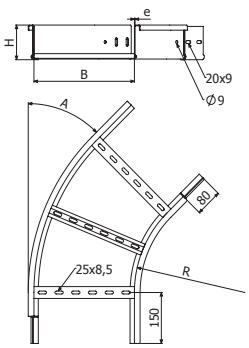
CPFE60-300



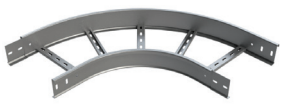


	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE60-300 100X60X1,5	60	300	12"	100	4"	63	2 1/2"	217627	1,84
CPFE60-300 150X60X1,5	60	300	12"	150	6"	63	2 1/2"	217628	2,04
CPFE60-300 200X60X1,5	60	300	12"	200	8"	63	2 1/2"	217629	2,24
CPFE60-300 300X60X1,5	60	300	12"	300	12"	63	2 1/2"	217630	2,64
CPFE60-300 400X60X1,5	60	300	12"	400	16"	63	2 1/2"	217631	3,40
CPFE60-300 500X60X1,5	60	300	12"	500	20"	63	2 1/2"	217632	3,89
CPFE60-300 600X60X1,5	60	300	12"	600	24"	63	2 1/2"	217633	4,39

4/100 x B2 (206792 - GC)



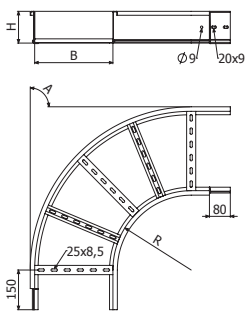
CPFE-300





	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE-300 100X60X1,5	90	300	12"	100	4"	63	2 1/2"	217634	2,37
CPFE-300 150X60X1,5	90	300	12"	150	6"	63	2 1/2"	217635	2,65
CPFE-300 200X60X1,5	90	300	12"	200	8"	63	2 1/2"	217636	2,93
CPFE-300 300X60X1,5	90	300	12"	300	12"	63	2 1/2"	217637	3,49
CPFE-300 400X60X1,5	90	300	12"	400	16"	63	2 1/2"	217638	4,40
CPFE-300 500X60X1,5	90	300	12"	500	20"	63	2 1/2"	217639	5,05
CPFE-300 600X60X1,5	90	300	12"	600	24"	63	2 1/2"	217640	5,70

4/100 x B2 (206792 - GC)

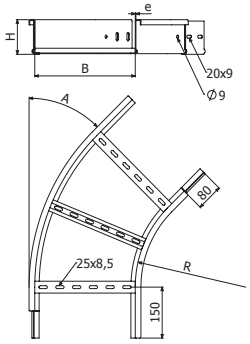


CPFE30-600




	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE30-600 100X60X1,5	30	600	24"	100	4"	63	2 1/2"	217641	1,77
CPFE30-600 150X60X1,5	30	600	24"	150	6"	63	2 1/2"	217642	1,94
CPFE30-600 200X60X1,5	30	600	24"	200	8"	63	2 1/2"	217643	2,11
CPFE30-600 300X60X1,5	30	600	24"	300	12"	63	2 1/2"	217644	2,45
CPFE30-600 400X60X1,5	30	600	24"	400	16"	63	2 1/2"	217645	2,78
CPFE30-600 500X60X1,5	30	600	24"	500	20"	63	2 1/2"	217646	3,12
CPFE30-600 600X60X1,5	30	600	24"	630	24"	63	2 1/2"	217647	3,46

4/100 x B2 (206792 - GC)

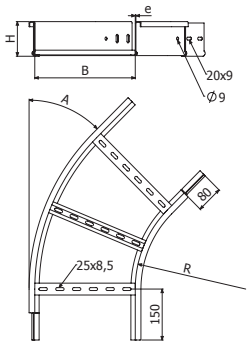


CPFE45-600




	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE45-600 100X60X1,5	45	600	24"	100	4"	63	2 1/2"	217648	2,28
CPFE45-600 150X60X1,5	45	600	24"	150	6"	63	2 1/2"	217649	2,51
CPFE45-600 200X60X1,5	45	600	24"	200	8"	63	2 1/2"	217650	2,74
CPFE45-600 300X60X1,5	45	600	24"	300	12"	63	2 1/2"	217651	3,20
CPFE45-600 400X60X1,5	45	600	24"	400	16"	63	2 1/2"	217652	3,66
CPFE45-600 500X60X1,5	45	600	24"	500	20"	63	2 1/2"	217653	4,12
CPFE45-600 600X60X1,5	45	600	24"	630	24"	63	2 1/2"	217654	4,58

4/100 x B2 (206792 - GC)

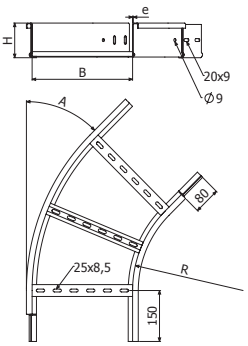


CPFE60-600




	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE60-600 100X60X1,5	60	600	24"	100	4"	63	2 1/2"	217655	2,69
CPFE60-600 150X60X1,5	60	600	24"	150	6"	63	2 1/2"	217656	2,94
CPFE60-600 200X60X1,5	60	600	24"	200	8"	63	2 1/2"	217657	3,19
CPFE60-600 300X60X1,5	60	600	24"	300	12"	63	2 1/2"	217658	3,95
CPFE60-600 400X60X1,5	60	600	24"	400	16"	63	2 1/2"	217659	4,53
CPFE60-600 500X60X1,5	60	600	24"	500	20"	63	2 1/2"	217660	5,11
CPFE60-600 600X60X1,5	60	600	24"	630	24"	63	2 1/2"	217661	5,70

4/100 x B2 (206792 - GC)

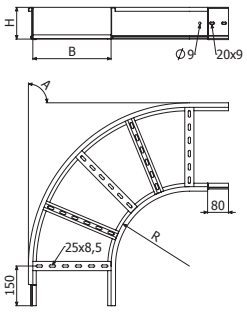


CPFE-600

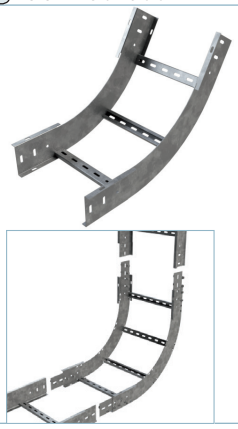



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE-600 100X60X1,5	90	600	24"	100	4"	63	2 1/2"	217662	3,70
CPFE-600 150X60X1,5	90	600	24"	150	6"	63	2 1/2"	217663	4,07
CPFE-600 200X60X1,5	90	600	24"	200	8"	63	2 1/2"	217664	4,44
CPFE-600 300X60X1,5	90	600	24"	300	12"	63	2 1/2"	217665	5,18
CPFE-600 400X60X1,5	90	600	24"	400	16"	63	2 1/2"	217666	6,28
CPFE-600 500X60X1,5	90	600	24"	500	20"	63	2 1/2"	217667	7,11
CPFE-600 600X60X1,5	90	600	24"	630	24"	63	2 1/2"	217668	7,93

4/100 x B2 (206792 - GC)

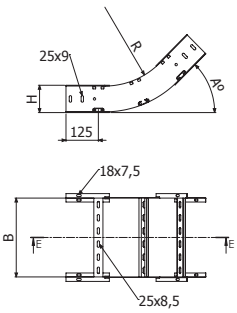


CCFE30-300

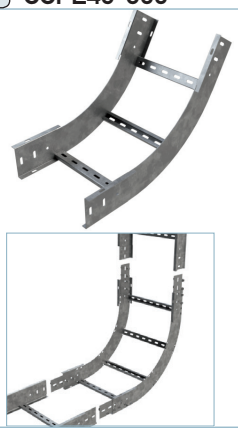


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE30-300 100X60X1.5	30	300	12"	100	4"	63	2 1/2"	217669	1,14
CCFE30-300 150X60X1.5	30	300	12"	150	6"	63	2 1/2"	217670	1,23
CCFE30-300 200X60X1.5	30	300	12"	200	8"	63	2 1/2"	217671	1,33
CCFE30-300 300X60X1.5	30	300	12"	300	12"	63	2 1/2"	217672	1,51
CCFE30-300 400X60X1.5	30	300	12"	400	16"	63	2 1/2"	217673	1,69
CCFE30-300 500X60X1.5	30	300	12"	500	20"	63	2 1/2"	217674	1,87
CCFE30-300 600X60X1.5	30	300	12"	630	24"	63	2 1/2"	217675	3,08

2 x JUFE

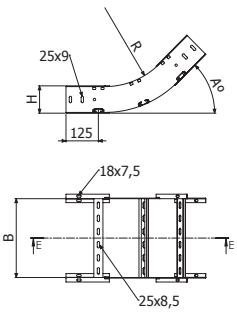


CCFE45-300

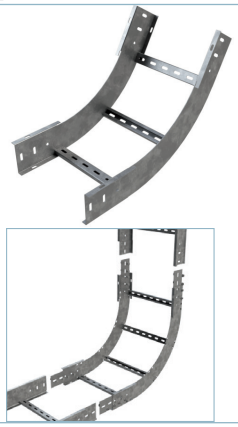


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE45-300 100X60X1.5	45	300	12"	100	4"	63	2 1/2"	217676	2,05
CCFE45-300 150X60X1.5	45	300	12"	150	6"	63	2 1/2"	217677	1,36
CCFE45-300 200X60X1.5	45	300	12"	200	8"	63	2 1/2"	217678	1,49
CCFE45-300 300X60X1.5	45	300	12"	300	12"	63	2 1/2"	217679	1,63
CCFE45-300 400X60X1.5	45	300	12"	400	16"	63	2 1/2"	217680	1,9
CCFE45-300 500X60X1.5	45	300	12"	500	20"	63	2 1/2"	217681	2,18
CCFE45-300 600X60X1.5	45	300	12"	630	24"	63	2 1/2"	217682	2,45

2 x JUFE

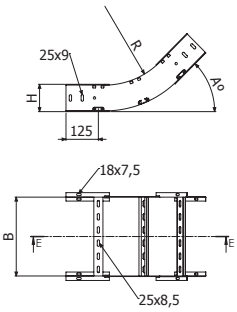


CCFE60-300

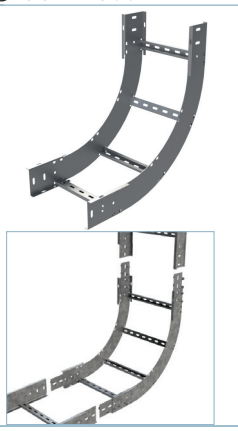


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE60-300 100X60X1,5	60	300	12"	100	4"	63	2 1/2"	217683	1,49
CCFE60-300 150X60X1,5	60	300	12"	150	6"	63	2 1/2"	217684	1,62
CCFE60-300 200X60X1,5	60	300	12"	200	8"	63	2 1/2"	217685	1,76
CCFE60-300 300X60X1,5	60	300	12"	300	12"	63	2 1/2"	217686	2,03
CCFE60-300 400X60X1,5	60	300	12"	400	16"	63	2 1/2"	217687	2,31
CCFE60-300 500X60X1,5	60	300	12"	500	20"	63	2 1/2"	217688	2,58
CCFE60-300 600X60X1,5	60	300	12"	630	24"	63	2 1/2"	217689	2,85

2 x JUFE

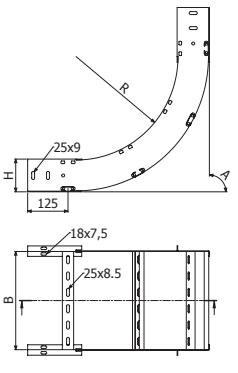


CCFE-300

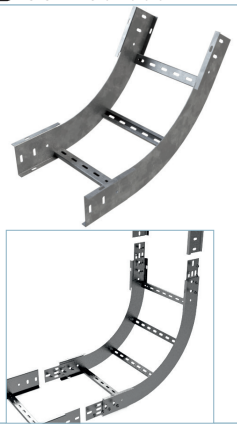


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE-300 100X60X1,5	90	300	12"	100	4"	63	2 1/2"	217690	1,83
CCFE-300 150X60X1,5	90	300	12"	150	6"	63	2 1/2"	217691	2,01
CCFE-300 200X60X1,5	90	300	12"	200	8"	63	2 1/2"	217692	2,2
CCFE-300 300X60X1,5	90	300	12"	300	12"	63	2 1/2"	217693	2,56
CCFE-300 400X60X1,5	90	300	12"	400	16"	63	2 1/2"	217694	2,92
CCFE-300 500X60X1,5	90	300	12"	500	20"	63	2 1/2"	217695	3,29
CCFE-300 600X60X1,5	90	300	12"	630	24"	63	2 1/2"	217696	3,65

2 x JUFE

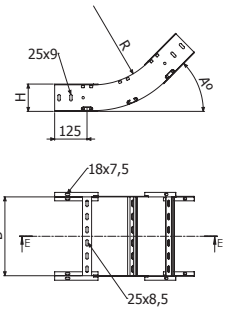


CCFE30-600

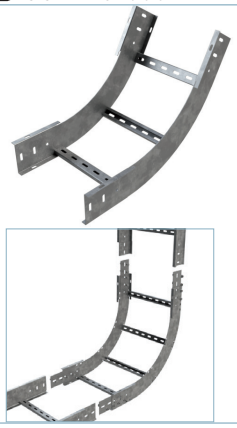


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE30-600 100X60X1.5	30	600	24"	100	4"	63	2 1/2"	217697	1,14
CCFE30-600 150X60X1.5	30	600	24"	150	6"	63	2 1/2"	217698	1,23
CCFE30-600 200X60X1.5	30	600	24"	200	8"	63	2 1/2"	217699	1,33
CCFE30-600 300X60X1.5	30	600	24"	300	12"	63	2 1/2"	217700	1,51
CCFE30-600 400X60X1.5	30	600	24"	400	16"	63	2 1/2"	217701	1,69
CCFE30-600 500X60X1.5	30	600	24"	500	20"	63	2 1/2"	217702	1,87
CCFE30-600 600X60X1.5	30	600	24"	630	24"	63	2 1/2"	217703	3,08

2 x JUFE

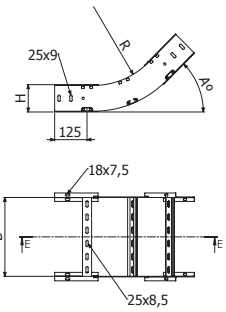


CCFE45-600

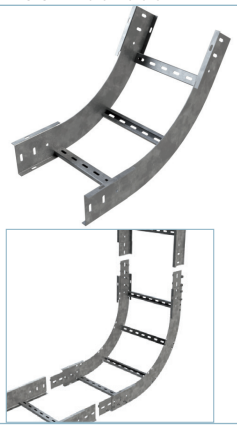


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE45-600 100X60X1.5	45	600	24"	100	4"	63	2 1/2"	217704	2,05
CCFE45-600 150X60X1.5	45	600	24"	150	6"	63	2 1/2"	217705	1,36
CCFE45-600 200X60X1.5	45	600	24"	200	8"	63	2 1/2"	217706	1,49
CCFE45-600 300X60X1.5	45	600	24"	300	12"	63	2 1/2"	217707	1,63
CCFE45-600 400X60X1.5	45	600	24"	400	16"	63	2 1/2"	217708	1,9
CCFE45-600 500X60X1.5	45	600	24"	500	20"	63	2 1/2"	217709	2,18
CCFE45-600 600X60X1.5	45	600	24"	630	24"	63	2 1/2"	217710	2,45

2 x JUFE

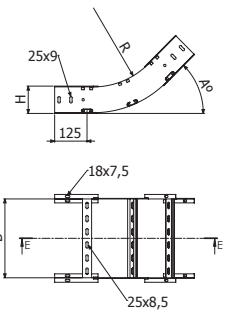


CCFE60-600

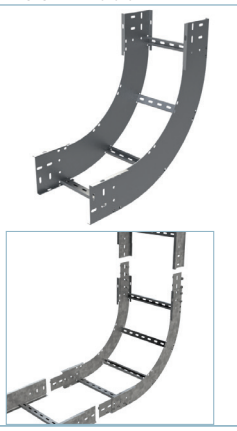


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE60-600 100X60X1,5	60	600	24"	100	4"	63	2 1/2"	217711	1,49
CCFE60-600 150X60X1,5	60	600	24"	150	6"	63	2 1/2"	217712	1,62
CCFE60-600 200X60X1,5	60	600	24"	200	8"	63	2 1/2"	217713	1,76
CCFE60-600 300X60X1,5	60	600	24"	300	12"	63	2 1/2"	217714	2,03
CCFE60-600 400X60X1,5	60	600	24"	400	16"	63	2 1/2"	217715	2,31
CCFE60-600 500X60X1,5	60	600	24"	500	20"	63	2 1/2"	217716	2,58
CCFE60-600 600X60X1,5	60	600	24"	630	24"	63	2 1/2"	217717	2,85

2 x JUFE

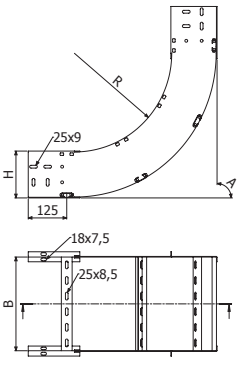


CCFE-600



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE-600 100X60X1,5	90	600	24"	100	4"	63	2 1/2"	217718	1,83
CCFE-600 150X60X1,5	90	600	24"	150	6"	63	2 1/2"	217719	2,01
CCFE-600 200X60X1,5	90	600	24"	200	8"	63	2 1/2"	217720	2,2
CCFE-600 300X60X1,5	90	600	24"	300	12"	63	2 1/2"	217721	2,56
CCFE-600 400X60X1,5	90	600	24"	400	16"	63	2 1/2"	217722	2,92
CCFE-600 500X60X1,5	90	600	24"	500	20"	63	2 1/2"	217723	3,29
CCFE-600 600X60X1,5	90	600	24"	630	24"	63	2 1/2"	217724	3,65

2 x JUFE

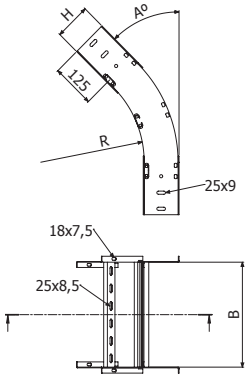


CXFE30-300



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE30-300 100X60X1.5	30	300	12"	100	4"	63	2 1/2"	217725	1,14
CXFE30-300 150X60X1.5	30	300	12"	150	6"	63	2 1/2"	217726	1,23
CXFE30-300 200X60X1.5	30	300	12"	200	8"	63	2 1/2"	217727	1,33
CXFE30-300 300X60X1.5	30	300	12"	300	12"	63	2 1/2"	217728	1,51
CXFE30-300 400X60X1.5	30	300	12"	400	16"	63	2 1/2"	217729	1,69
CXFE30-300 500X60X1.5	30	300	12"	500	20"	63	2 1/2"	217730	1,87
CXFE30-300 600X60X1.5	30	300	12"	630	24"	63	2 1/2"	217731	2,05

2 x JUFE

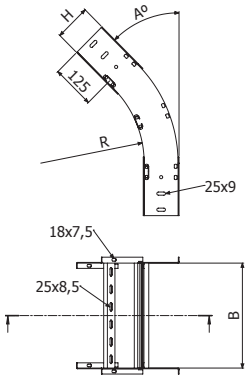


CXFE45-300



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE45-300 100X60X1.5	45	300	12"	100	4"	63	2 1/2"	217732	1,36
CXFE45-300 150X60X1.5	45	300	12"	150	6"	63	2 1/2"	217733	1,49
CXFE45-300 200X60X1.5	45	300	12"	200	8"	63	2 1/2"	217734	1,63
CXFE45-300 300X60X1.5	45	300	12"	300	12"	63	2 1/2"	217735	1,9
CXFE45-300 400X60X1.5	45	300	12"	400	16"	63	2 1/2"	217736	2,18
CXFE45-300 500X60X1.5	45	300	12"	500	20"	63	2 1/2"	217737	2,45
CXFE45-300 600X60X1.5	45	300	12"	630	24"	63	2 1/2"	217738	2,72

2 x JUFE

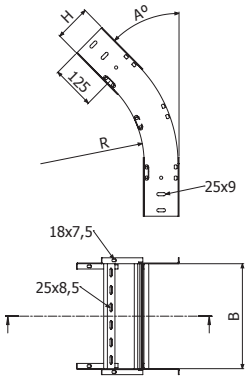


CXFE60-300



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE60-300 100X60X1,5	60	300	12"	100	4"	63	2 1/2"	217739	1,49
CXFE60-300 150X60X1,5	60	300	12"	150	6"	63	2 1/2"	217740	1,62
CXFE60-300 200X60X1,5	60	300	12"	200	8"	63	2 1/2"	217741	1,76
CXFE60-300 300X60X1,5	60	300	12"	300	12"	63	2 1/2"	217742	2,03
CXFE60-300 400X60X1,5	60	300	12"	400	16"	63	2 1/2"	217743	2,31
CXFE60-300 500X60X1,5	60	300	12"	500	20"	63	2 1/2"	217744	2,58
CXFE60-300 600X60X1,5	60	300	12"	630	24"	63	2 1/2"	217745	2,85

2 x JUFE

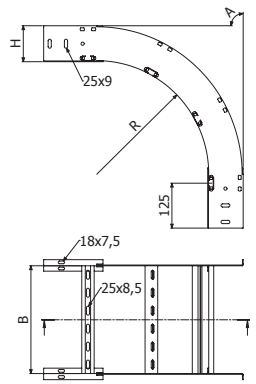


CXFE-300



	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE-300 100X60X1,5	90	300	12"	100	4"	63	2 1/2"	217746	1,83
CXFE-300 150X60X1,5	90	300	12"	150	6"	63	2 1/2"	217747	2,01
CXFE-300 200X60X1,5	90	300	12"	200	8"	63	2 1/2"	217748	2,2
CXFE-300 300X60X1,5	90	300	12"	300	12"	63	2 1/2"	217749	2,56
CXFE-300 400X60X1,5	90	300	12"	400	16"	63	2 1/2"	217750	2,92
CXFE-300 500X60X1,5	90	300	12"	500	20"	63	2 1/2"	217751	3,29
CXFE-300 600X60X1,5	90	300	12"	630	24"	63	2 1/2"	217752	3,65

2 x JUFE

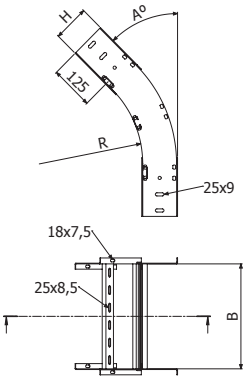


CXFE30-600



	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE30-600 100X60X1.5	30	600	24"	100	4"	63	2 1/2"	217753	1,47
CXFE30-600 150X60X1.5	30	600	24"	150	6"	63	2 1/2"	217754	1,6
CXFE30-600 200X60X1.5	30	600	24"	200	8"	63	2 1/2"	217755	1,74
CXFE30-600 300X60X1.5	30	600	24"	300	12"	63	2 1/2"	217756	2,01
CXFE30-600 400X60X1.5	30	600	24"	400	16"	63	2 1/2"	217757	2,28
CXFE30-600 500X60X1.5	30	600	24"	500	20"	63	2 1/2"	217758	2,56
CXFE30-600 600X60X1.5	30	600	24"	630	24"	63	2 1/2"	217759	2,83

2 x JUFE

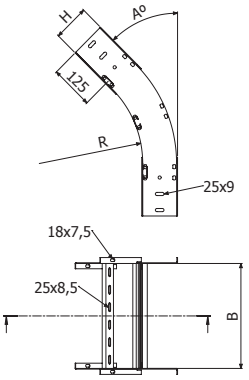


CXFE45-600



	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE45-600 100X60X1.5	45	600	24"	100	4"	63	2 1/2"	217760	1,8
CXFE45-600 150X60X1.5	45	600	24"	150	6"	63	2 1/2"	217761	1,98
CXFE45-600 200X60X1.5	45	600	24"	200	8"	63	2 1/2"	217762	2,16
CXFE45-600 300X60X1.5	45	600	24"	300	12"	63	2 1/2"	217763	2,52
CXFE45-600 400X60X1.5	45	600	24"	400	16"	63	2 1/2"	217764	2,89
CXFE45-600 500X60X1.5	45	600	24"	500	20"	63	2 1/2"	217765	3,25
CXFE45-600 600X60X1.5	45	600	24"	630	24"	63	2 1/2"	217766	3,62

2 x JUFE

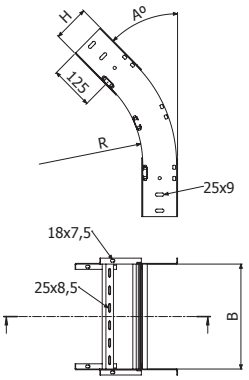


CXFE60-600

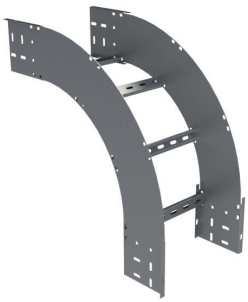


	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE60-600 100X60X1,5	60	600	24"	100	4"	63	2 1/2"	217767	2,05
CXFE60-600 150X60X1,5	60	600	24"	150	6"	63	2 1/2"	217768	2,23
CXFE60-600 200X60X1,5	60	600	24"	200	8"	63	2 1/2"	217769	2,41
CXFE60-600 300X60X1,5	60	600	24"	300	12"	63	2 1/2"	217770	2,77
CXFE60-600 400X60X1,5	60	600	24"	400	16"	63	2 1/2"	217771	3,14
CXFE60-600 500X60X1,5	60	600	24"	500	20"	63	2 1/2"	217772	3,5
CXFE60-600 600X60X1,5	60	600	24"	630	24"	63	2 1/2"	217773	3,87

2 x JUFE

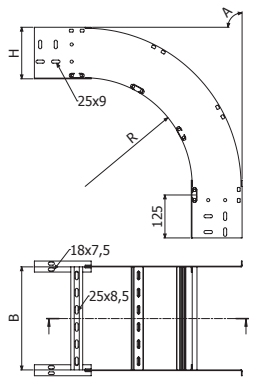


CXFE-600



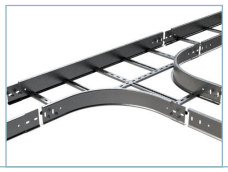
	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE-600 100X60X1,5	90	600	24"	100	4"	63	2 1/2"	217774	2,71
CXFE-600 150X60X1,5	90	600	24"	150	6"	63	2 1/2"	217775	2,98
CXFE-600 200X60X1,5	90	600	24"	200	8"	63	2 1/2"	217776	3,26
CXFE-600 300X60X1,5	90	600	24"	300	12"	63	2 1/2"	217777	3,8
CXFE-600 400X60X1,5	90	600	24"	400	16"	63	2 1/2"	217778	4,35
CXFE-600 500X60X1,5	90	600	24"	500	20"	63	2 1/2"	217779	4,89
CXFE-600 600X60X1,5	90	600	24"	630	24"	63	2 1/2"	217780	5,44

2 x JUFE



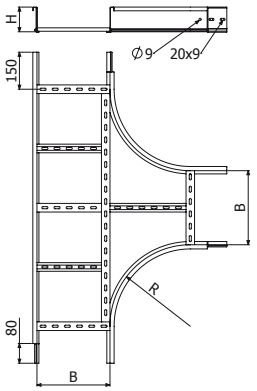
TEFE-300





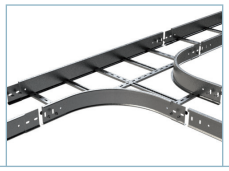
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEFE-300 100X60X1.5	300	12"	100	4"	63	2 1/2"	217781	4,02
TEFE-300 150X60X1.5	300	12"	150	6"	63	2 1/2"	217782	4,35
TEFE-300 200X60X1.5	300	12"	200	8"	63	2 1/2"	217783	5,08
TEFE-300 300X60X1.5	300	12"	300	12"	63	2 1/2"	217784	6,09
TEFE-300 400X60X1.5	300	12"	400	16"	63	2 1/2"	217785	6,85
TEFE-300 500X60X1.5	300	12"	500	20"	63	2 1/2"	217786	8,29
TEFE-300 600X60X1.5	300	12"	630	24"	63	2 1/2"	217787	9,14

4/100 x B2 (206792 - GC)



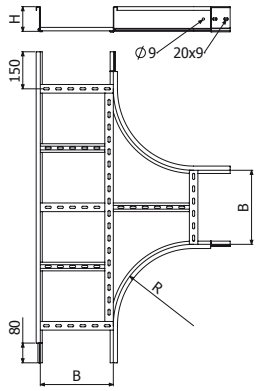
TEFE-600





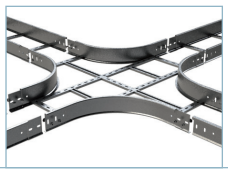
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEFE-600 100X60X1,5	600	24"	100	4"	63	2 1/2"	217788	7,14
TEFE-600 150X60X1,5	600	24"	150	6"	63	2 1/2"	217789	7,87
TEFE-600 200X60X1,5	600	24"	200	8"	63	2 1/2"	217790	8,63
TEFE-600 300X60X1,5	600	24"	300	12"	63	2 1/2"	217791	9,57
TEFE-600 400X60X1,5	600	24"	400	16"	63	2 1/2"	217792	11,53
TEFE-600 500X60X1,5	600	24"	500	20"	63	2 1/2"	217793	12,65
TEFE-600 600X60X1,5	600	24"	630	24"	63	2 1/2"	217794	14,78

4/100 x B2 (206792 - GC)



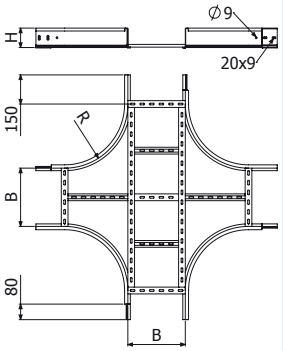
CRFE-300





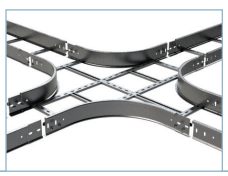
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRFE-300 100X60X1.5	300	12"	100	4"	63	2 1/2"	217795	5,28
CRFE-300 150X60X1.5	300	12"	150	6"	63	2 1/2"	217796	5,55
CRFE-300 200X60X1.5	300	12"	200	8"	63	2 1/2"	217797	6,6
CRFE-300 300X60X1.5	300	12"	300	12"	63	2 1/2"	217798	7,93
CRFE-300 400X60X1.5	300	12"	400	16"	63	2 1/2"	217799	8,75
CRFE-300 500X60X1.5	300	12"	500	20"	63	2 1/2"	217800	10,48
CRFE-300 600X60X1.5	300	12"	630	24"	63	2 1/2"	217801	11,39

4/100 x B2 (206792 - GC)



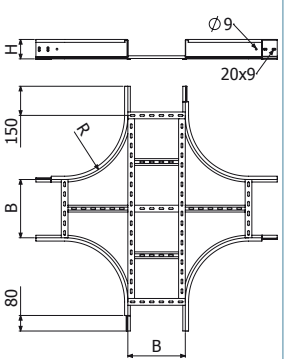
CRFE-600





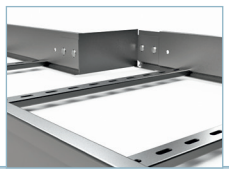
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRFE-600 100X60X1,5	600	24"	100	4"	63	2 1/2"	217802	9,78
CRFE-600 150X60X1,5	600	24"	150	6"	63	2 1/2"	217803	10,8
CRFE-600 200X60X1,5	600	24"	200	8"	63	2 1/2"	217804	10,61
CRFE-600 300X60X1,5	600	24"	300	12"	63	2 1/2"	217805	11,43
CRFE-600 400X60X1,5	600	24"	400	16"	63	2 1/2"	217806	13,94
CRFE-600 500X60X1,5	600	24"	500	20"	63	2 1/2"	217807	15,03
CRFE-600 600X60X1,5	600	24"	630	24"	63	2 1/2"	217808	17,64

4/100 x B2 (206792 - GC)



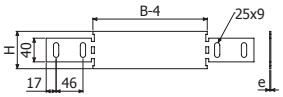
REFE H60





	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
REFE 50x60x2	50	2"	63	2 1/2"	2	206799	0,16
REFE 100x60x2	100	4"	63	2 1/2"	2	206800	0,20
REFE 150x60x2	150	6"	63	2 1/2"	2	206801	0,25
REFE 200x60x2	200	8"	63	2 1/2"	2	206802	0,30

4/100 x B2 (206792 - GC)



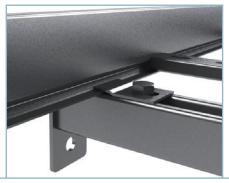
BFE

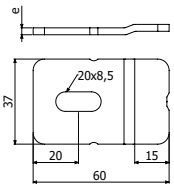


	e	GC		e	i304		i316	
	mm	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
BFE 6/8	3	200863	0,03	1,5	203293	0,03	-	-
BFE 10	3	200864	0,04	1,5	218531	0,03	218532	0,03

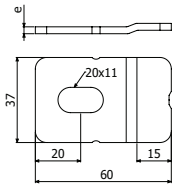
BFE 6/8 --> SHL --> B2 (206792 - GC)

SP/SPD + BEF 10 --> DIN933 10X30 (217547- i304) + TM41 M10 (217584 - GC)
+ DIN125 M10 (217542-i304)





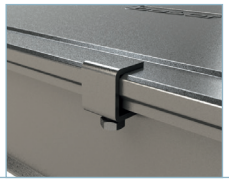
BFE 6/8



BFE 10

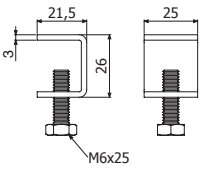
PTFE





	Pap	e	i304		i316	
	N·m	mm	REF.	kg/ud	REF.	kg/ud
PTFE	6	2	207054	0,02	218568	0,02

4 x PTFE => 1 x TFE

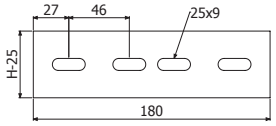


JUFE H60



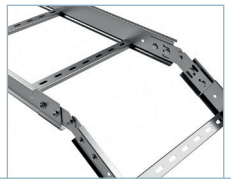
	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE 60/75	**75**	3"	**2**	200854	0,08

4/100 x B2 (206792 - GC)



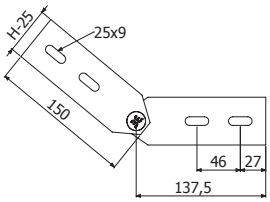
JUFE-A H60





	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-A 60/75	**75**	3"	**2**	200857	0,14

4/100 x B2 (206792 - GC)

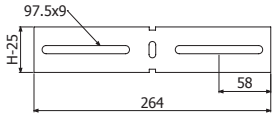


JUFE-B H60

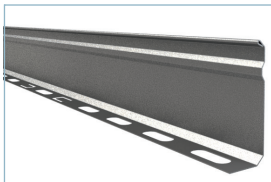


	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-B 60/75	**75**	3 "	**2**	200860	0,13

4/100 x B2 (206792 - GC)



PS

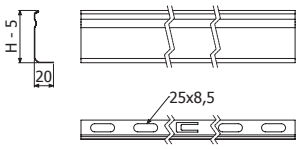


L = 3 m (10 ft)

	H		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
PS 35	**35**	1 3/8"	203476	0,29	203479	0,29

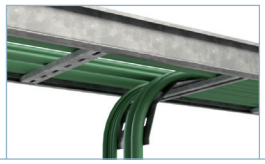
3 x (ISO7380-2 M8x30 (218823) + DIN934 M8 (217603)

PS 35→ H60.



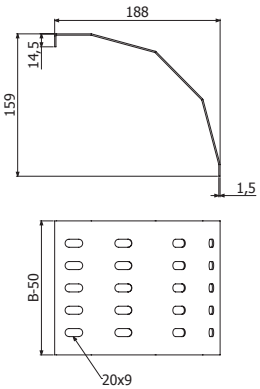
BJCFE





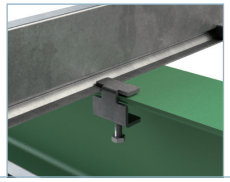
	e	GC	
	mm	REF.	kg/ud
BJCFE 100	1,5	210021	0,60
BJCFE 150	1,5	210022	0,90
BJCFE 200	1,5	210023	1,20
BJCFE 300	1,5	210024	1,70
BJCFE 400	1,5	210025	2,30
BJCFE 500	1,5	210026	2,90
BJCFE 600	1,5	210027	3,40

2/100 x B2 (206792 - GC)



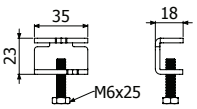
BEV





	GC		i304		i316	
	REF	Kg/ud	REF.	kg/ud	REF.	kg/ud
BEV	211805	0,07	214473	0,05	218574	0,05

10

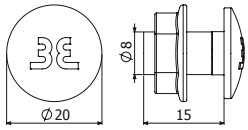


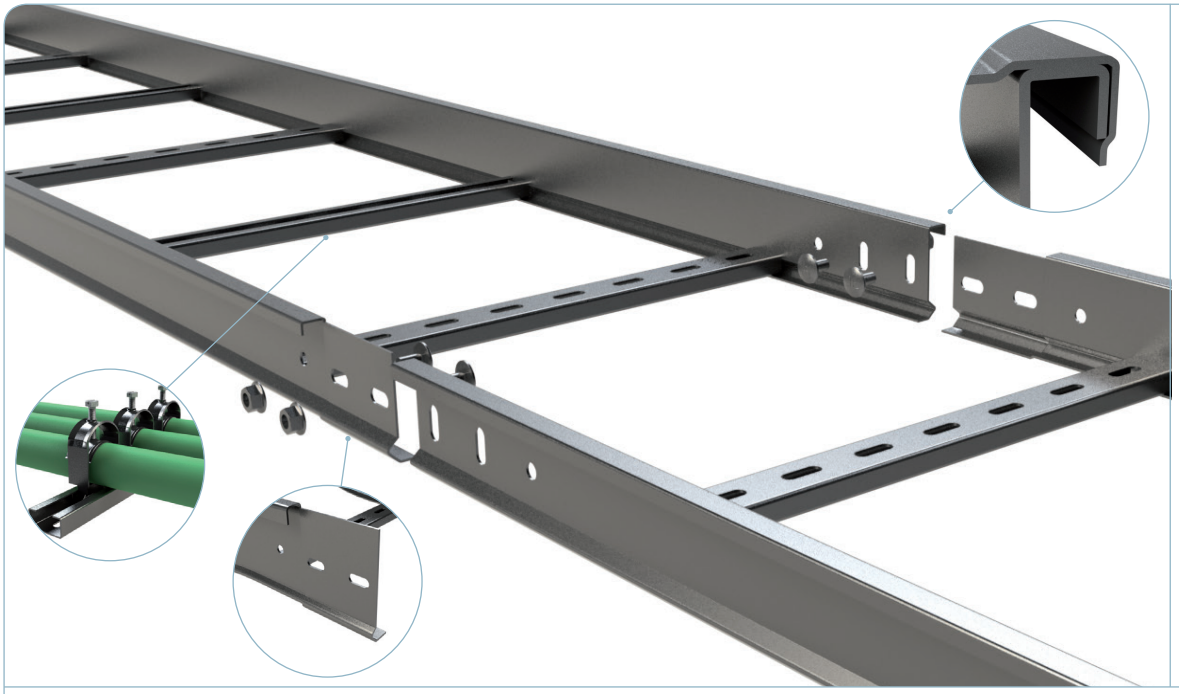
B2



	Pap	GC		i304	
	N·m	REF.	kg/ud	REF.	kg/ud
B2-100	15	206792	1,83	205392	1,71

13





L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150C
-50C
UNE-EN 61537

6 8
UNE-EN 61537

20J
UNE-EN 61537

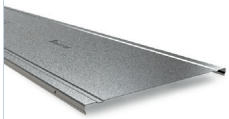

CPFE-300

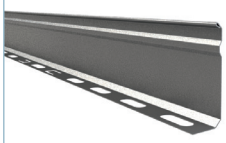

CCFE-300


CXFE-300


TEFE-300


CRFE-300


TFE/TFEL


PS


JUFE


JUFE-A


JUFE-B


REFE


BFE


PTFE


B2

		Filling Area							
B		H75 (3")		H100 (4")		H120 (4 5/7")		H150 (6")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4"	59	9,1	84	13,0	-	-	-	-
150	6"	89	13,8	126	19,5	156	24,2	201	31,2
200	8"	118	18,3	168	26,0	208	32,2	268	41,5
300	12"	177	27,4	252	39,1	312	48,4	402	62,3
400	16"	236	36,6	336	52,1	416	64,5	536	83,1
500	20"	295	45,7	420	65,1	520	80,6	670	103,9
600	24"	354	54,9	504	78,1	624	96,7	804	124,6

FE H75 p333

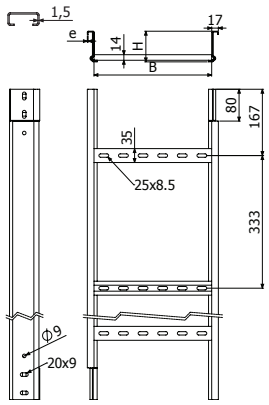


L = 3 m (10 ft)



	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 100x75x2-333 3M	100	4"	75	3"	2	200865	3,82
FE 150x75x2-333 3M	150	6"	75	3"	2	200866	3,96
FE 200x75x2-333 3M	200	8"	75	3"	2	200867	4,09
FE 300x75x2-333 3M	300	12"	75	3"	2	200868	4,35
FE 400x75x2-333 3M	400	16"	75	3"	2	200869	4,62
FE 500x75x2-333 3M	500	20"	75	3"	2	200870	4,88
FE 600x75x2-333 3M	600	24"	75	3"	2	200871	5,15

4/100 x B2 (206792 - GC)



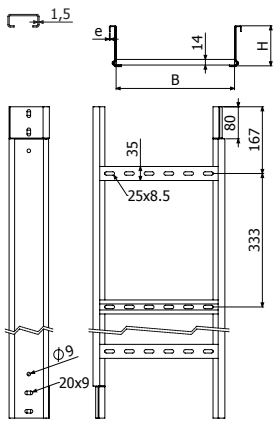
FE H100 p333



L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 100x100x2-333 3M	100	4"	100	4"	2	200872	5,03
FE 150x100x2-333 3M	150	6"	100	4"	2	200873	5,16
FE 200x100x2-333 3M	200	8"	100	4"	2	200874	5,29
FE 300x100x2-333 3M	300	12"	100	4"	2	200875	5,56
FE 400x100x2-333 3M	400	16"	100	4"	2	200876	5,82
FE 500x100x2-333 3M	500	20"	100	4"	2	200877	6,08
FE 600x100x2-333 3M	600	24"	100	4"	2	200878	6,35

4/100 x B2 (206792 - GC)



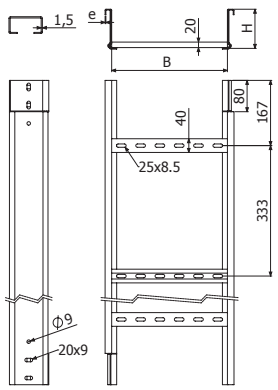
FE H120 p333



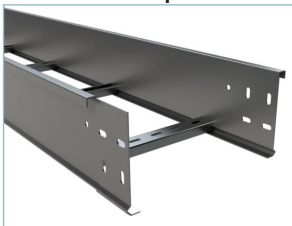
L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 150x120x2-333 3M	150	6"	120	4 5/7"	2	206854	5,94
FE 200x120x2-333 3M	200	8"	120	4 5/7"	2	206855	6,11
FE 300x120x2-333 3M	300	12"	120	4 5/7"	2	206856	6,40
FE 400x120x2-333 3M	400	16"	120	4 5/7"	2	206857	6,78
FE 500x120x2-333 3M	500	20"	120	4 5/7"	2	206858	7,12
FE 600x120x2-333 3M	600	24"	120	4 5/7"	2	206859	7,30

4/100 x B2 (206792 - GC)



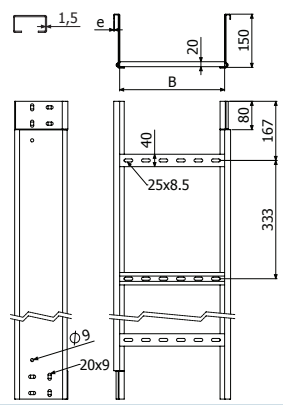
FE H150 p333



L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 150x150x2-333 3M	150	6"	150	6"	2	206860	6,91
FE 200x150x2-333 3M	200	8"	150	6"	2	206861	7,07
FE 300x150x2-333 3M	300	12"	150	6"	2	206862	7,40
FE 400x150x2-333 3M	400	16"	150	6"	2	206863	7,72
FE 500x150x2-333 3M	500	20"	150	6"	2	206864	8,05
FE 600x150x2-333 3M	600	24"	150	6"	2	206865	8,37

8/100 x B2 (206792 - GC)



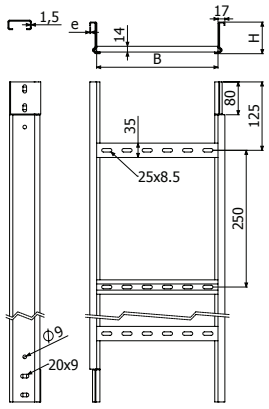
FE H75 p250



L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 100x75x2-250 3M	100	4"	75	3"	2	206215	3,91
FE 150x75x2-250 3M	150	6"	75	3"	2	206992	4,09
FE 200x75x2-250 3M	200	8"	75	3"	2	207003	4,27
FE 300x75x2-250 3M	300	12"	75	3"	2	206239	4,62
FE 400x75x2-250 3M	400	16"	75	3"	2	204954	4,97
FE 500x75x2-250 3M	500	20"	75	3"	2	207004	5,33
FE 600x75x2-250 3M	600	24"	75	3"	2	206216	5,68

4/100 x B2 (206792 - GC)



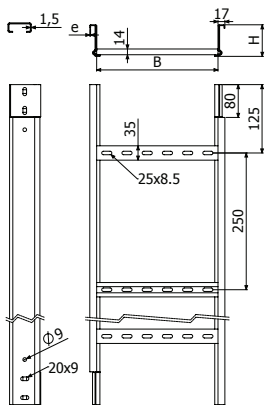
FE H100 p250



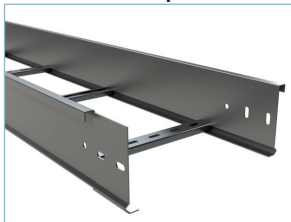
L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 100x100x2-250 3M	100	4"	100	4"	2	207005	5,12
FE 150x100x2-250 3M	150	6"	100	4"	2	206059	5,29
FE 200x100x2-250 3M	200	8"	100	4"	2	206249	5,47
FE 300x100x2-250 3M	300	12"	100	4"	2	206060	5,82
FE 400x100x2-250 3M	400	16"	100	4"	2	206061	6,18
FE 500x100x2-250 3M	500	20"	100	4"	2	207006	6,53
FE 600x100x2-250 3M	600	24"	100	4"	2	206062	6,88

4/100 x B2 (206792 - GC)



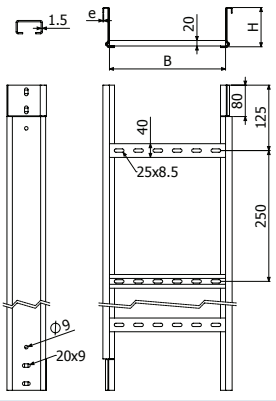
FE H120 p250



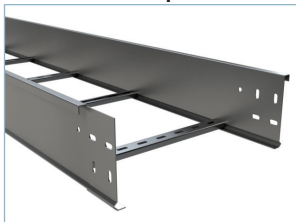
L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 150x120x2-250 3M	150	6"	120	4 5/7"	2	207024	6,12
FE 200x120x2-250 3M	200	8"	120	4 5/7"	2	207025	6,34
FE 300x120x2-250 3M	300	12"	120	4 5/7"	2	207026	6,78
FE 400x120x2-250 3M	400	16"	120	4 5/7"	2	207027	7,22
FE 500x120x2-250 3M	500	20"	120	4 5/7"	2	207028	7,67
FE 600x120x2-250 3M	600	24"	120	4 5/7"	2	207029	8,11

4/100 x B2 (206792 - GC)



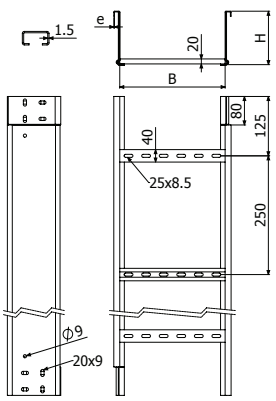
FE H150 p250



L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
FE 150x150x2-250 3M	150	6"	150	6"	2	207030	7,15
FE 200x150x2-250 3M	200	8"	150	6"	2	207031	7,37
FE 300x150x2-250 3M	300	12"	150	6"	2	207032	7,81
FE 400x150x2-250 3M	400	16"	150	6"	2	207033	8,26
FE 500x150x2-250 3M	500	20"	150	6"	2	207034	8,70
FE 600x150x2-250 3M	600	24"	150	6"	2	207035	9,14

8/100 x B2 (206792 - GC)



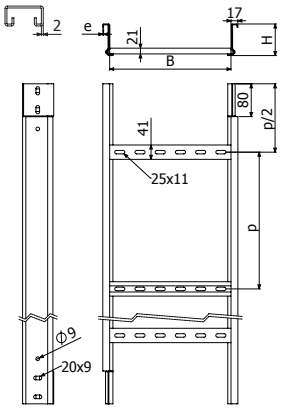
F2E H100



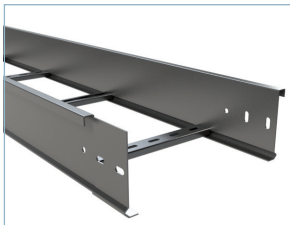
L = 3 m (10 ft)

	B		H		e	GC					
						p=9" (230 mm)		p=10" (250 mm)		p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 100x100x2-p 3M	100	4"	100	4"	2	214361	5,32	214257	5,26	214352	5,16
F2E 150x100x2-p 3M	150	6"	100	4"	2	214362	5,66	214258	5,58	214353	5,42
F2E 200x100x2-p 3M	200	8"	100	4"	2	214363	6,00	214259	5,90	214354	5,69
F2E 300x100x2-p 3M	300	12"	100	4"	2	214364	6,69	214260	6,53	214355	6,21
F2E 400x100x2-p 3M	400	16"	100	4"	2	214365	7,37	214261	7,16	214356	6,74
F2E 500x100x2-p 3M	500	20"	100	4"	2	214366	8,06	214262	7,79	214357	7,27
F2E 600x100x2-p 3M	600	24"	100	4"	2	214367	8,74	214263	8,43	214358	7,79

4/100 x B2 (206792 - GC)



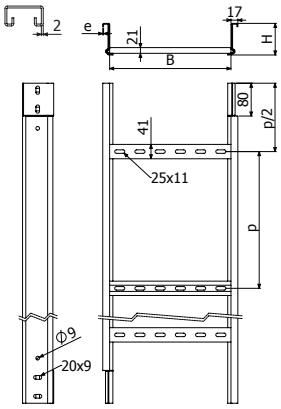
F2E H120



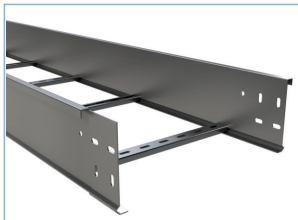
L = 3 m (10 ft)

	B		H		e	GC					
						p=9" (230 mm)		p=10" (250 mm)		p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 150x120x2-p 3M	150	6"	120	4 5/7"	2	214396	6,66	214275	6,58	214388	6,42
F2E 200x120x2-p 3M	200	8"	120	4 5/7"	2	214397	7,02	214276	6,91	214389	6,69
F2E 300x120x2-p 3M	300	12"	120	4 5/7"	2	214398	7,72	214277	7,56	214390	7,23
F2E 400x120x2-p 3M	400	16"	120	4 5/7"	2	214399	8,43	214278	8,22	214391	7,78
F2E 500x120x2-p 3M	500	20"	120	4 5/7"	2	214400	9,14	214279	8,87	214392	8,32
F2E 600x120x2-p 3M	600	24"	120	4 5/7"	2	214401	9,85	214280	9,53	214393	8,87

4/100 x B2 (206792 - GC)



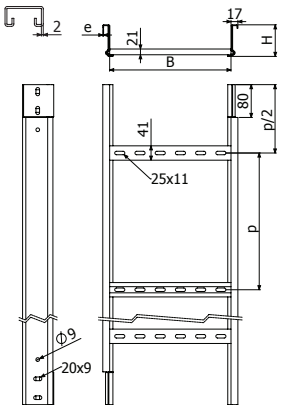
F2E H150



L = 3 m (10 ft)

	B		H		e	GC					
						p=9" (230 mm)		p=10" (250 mm)		p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 150x150x2-p 3M	150	6"	150	6"	2	214428	7,72	214291	7,63	214420	7,47
F2E 200x150x2-p 3M	200	8"	150	6"	2	214429	8,07	214292	7,96	214421	7,74
F2E 300x150x2-p 3M	300	12"	150	6"	2	214430	8,78	214293	8,62	214422	8,29
F2E 400x150x2-p 3M	400	16"	150	6"	2	214431	9,49	214294	9,27	214423	8,84
F2E 500x150x2-p 3M	500	20"	150	6"	2	214432	10,20	214295	9,93	214424	9,38
F2E 600x150x2-p 3M	600	24"	150	6"	2	214433	10,91	214296	10,58	214425	9,93

8/100 x B2 (206792 - GC)



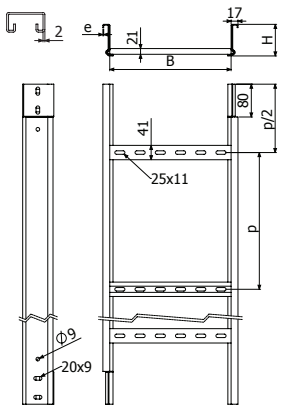
F2E H100 6M



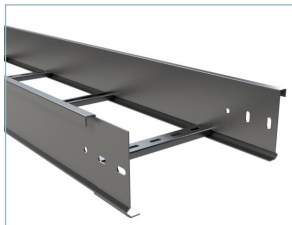
L = 6 m (20 ft)

	B		H		e	GC					
						p=9" (230 mm)		p=10" (250 mm)		p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 100X100x2-p 6M	100	4"	100	4"	2	214379	5,32	214266	5,26	214370	5,16
F2E 150X100x2-p 6M	150	6"	100	4"	2	214380	5,66	214267	5,58	214371	5,42
F2E 200X100x2-p 6M	200	8"	100	4"	2	214381	6,00	214268	5,90	214372	5,69
F2E 300X100x2-p 6M	300	12"	100	4"	2	214382	6,69	214269	6,53	214373	6,21
F2E 400X100x2-p 6M	400	16"	100	4"	2	214383	7,37	214270	7,16	214374	6,74
F2E 500X100x2-p 6M	500	20"	100	4"	2	214384	8,06	214271	7,79	214375	7,27
F2E 600X100x2-p 6M	600	24"	100	4"	2	214385	8,74	214272	8,43	214376	7,79

4/100 x B2 (206792 - GC)



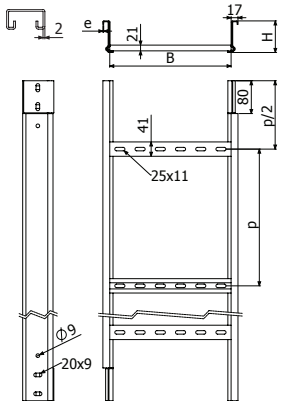
F2E H120 6M



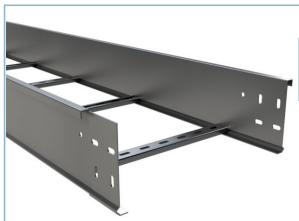
L = 6 m (20 ft)

	B		H		e	GC					
						p=9" (230 mm)		p=10" (250 mm)		p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 150X120x2-p 6M	150	6"	120	4 5/7"	2	214412	6,66	214283	6,58	214404	6,42
F2E 200X120x2-p 6M	200	8"	120	4 5/7"	2	214413	7,02	214284	6,91	214405	6,69
F2E 300X120x2-p 6M	300	12"	120	4 5/7"	2	214414	7,72	214285	7,56	214406	7,23
F2E 400X120x2-p 6M	400	16"	120	4 5/7"	2	214415	8,43	214286	8,22	214407	7,78
F2E 500X120x2-p 6M	500	20"	120	4 5/7"	2	214416	9,14	214287	8,87	214408	8,32
F2E 600X120x2-p 6M	600	24"	120	4 5/7"	2	214417	9,85	214288	9,53	214409	8,87

4/100 x B2 (206792 - GC)



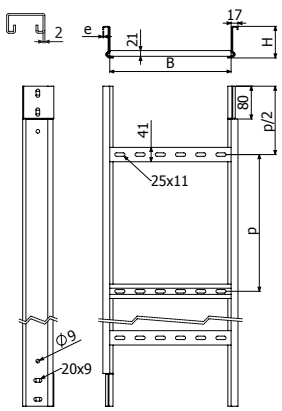
F2E H150 6M



L = 6 m (20 ft)

	B		H		e	GC					
						p=9" (230 mm)		p=10" (250 mm)		p=12" (300mm)	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
F2E 150X150x2-p 6M	150	6"	150	6"	2	214444	7,72	214299	7,63	214436	7,47
F2E 200X150x2-p 6M	200	8"	150	6"	2	214445	8,07	214300	7,96	214437	7,74
F2E 300X150x2-p 6M	300	12"	150	6"	2	214446	8,78	214301	8,62	214438	8,29
F2E 400X150x2-p 6M	400	16"	150	6"	2	214447	9,49	214302	9,27	214439	8,84
F2E 500X150x2-p 6M	500	20"	150	6"	2	214448	10,20	214303	9,93	214440	9,38
F2E 600X150x2-p 6M	600	24"	150	6"	2	214449	10,91	214304	10,58	214441	9,93

8/100 x B2 (206792 - GC)



CPFE30-300

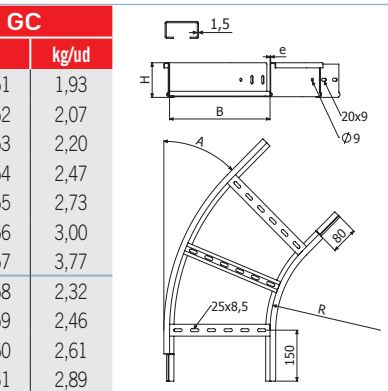
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE30-300 100X75X2	30	300	12"	100	4"	75	3"	214651	1,93
CPFE30-300 150X75X2	30	300	12"	150	6"	75	3"	214652	2,07
CPFE30-300 200X75X2	30	300	12"	200	8"	75	3"	214653	2,20
CPFE30-300 300X75X2	30	300	12"	300	12"	75	3"	214654	2,47
CPFE30-300 400X75X2	30	300	12"	400	16"	75	3"	214655	2,73
CPFE30-300 500X75X2	30	300	12"	500	20"	75	3"	214656	3,00
CPFE30-300 600X75X2	30	300	12"	600	24"	75	3"	214657	3,77
CPFE30-300 100X100X2	30	300	12"	100	4"	100	4"	214658	2,32
CPFE30-300 150X100X2	30	300	12"	150	6"	100	4"	214659	2,46
CPFE30-300 200X100X2	30	300	12"	200	8"	100	4"	214660	2,61
CPFE30-300 300X100X2	30	300	12"	300	12"	100	4"	214661	2,89
CPFE30-300 400X100X2	30	300	12"	400	16"	100	4"	214662	3,18
CPFE30-300 500X100X2	30	300	12"	500	20"	100	4"	214663	3,89
CPFE30-300 600X100X2	30	300	12"	600	24"	100	4"	214664	4,27
CPFE30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	214665	2,84
CPFE30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	214666	3,01
CPFE30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	214667	3,36
CPFE30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	214668	3,70
CPFE30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	214669	4,58
CPFE30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	214670	5,03
CPFE30-300 150X150X2	30	300	12"	150	6"	150	6"	214671	3,32
CPFE30-300 200X150X2	30	300	12"	200	8"	150	6"	214672	3,50
CPFE30-300 300X150X2	30	300	12"	300	12"	150	6"	214673	3,87
CPFE30-300 400X150X2	30	300	12"	400	16"	150	6"	214674	4,24
CPFE30-300 500X150X2	30	300	12"	500	20"	150	6"	214675	5,14
CPFE30-300 600X150X2	30	300	12"	600	24"	150	6"	214676	5,62


H75-H120

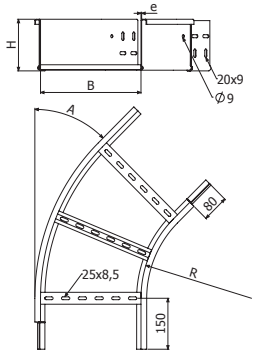

H150




4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

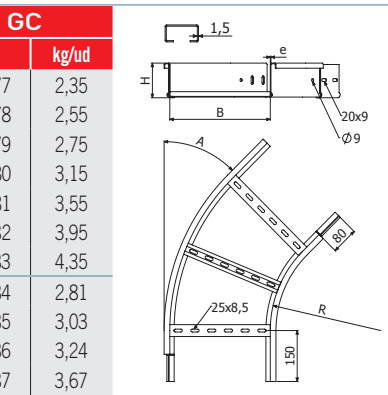
CPFE45-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE45-300 100X75X2	45	300	12"	100	4"	75	3"	214677	2,35
CPFE45-300 150X75X2	45	300	12"	150	6"	75	3"	214678	2,55
CPFE45-300 200X75X2	45	300	12"	200	8"	75	3"	214679	2,75
CPFE45-300 300X75X2	45	300	12"	300	12"	75	3"	214680	3,15
CPFE45-300 400X75X2	45	300	12"	400	16"	75	3"	214681	3,55
CPFE45-300 500X75X2	45	300	12"	500	20"	75	3"	214682	3,95
CPFE45-300 600X75X2	45	300	12"	600	24"	75	3"	214683	4,35
CPFE45-300 100X100X2	45	300	12"	100	4"	100	4"	214684	2,81
CPFE45-300 150X100X2	45	300	12"	150	6"	100	4"	214685	3,03
CPFE45-300 200X100X2	45	300	12"	200	8"	100	4"	214686	3,24
CPFE45-300 300X100X2	45	300	12"	300	12"	100	4"	214687	3,67
CPFE45-300 400X100X2	45	300	12"	400	16"	100	4"	214688	4,10
CPFE45-300 500X100X2	45	300	12"	500	20"	100	4"	214689	4,53
CPFE45-300 600X100X2	45	300	12"	600	24"	100	4"	214690	4,96
CPFE45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	214691	3,50
CPFE45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	214692	3,76
CPFE45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	214693	4,28
CPFE45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	214694	4,79
CPFE45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	214695	5,31
CPFE45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	214696	5,82
CPFE45-300 150X150X2	45	300	12"	150	6"	150	6"	214697	4,07
CPFE45-300 200X150X2	45	300	12"	200	8"	150	6"	214698	4,35
CPFE45-300 300X150X2	45	300	12"	300	12"	150	6"	214699	4,90
CPFE45-300 400X150X2	45	300	12"	400	16"	150	6"	214700	5,46
CPFE45-300 500X150X2	45	300	12"	500	20"	150	6"	214701	6,01
CPFE45-300 600X150X2	45	300	12"	600	24"	150	6"	214702	6,57

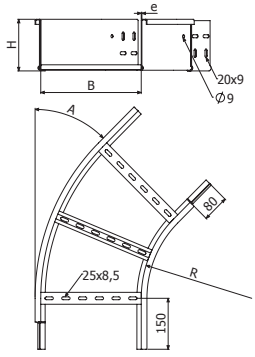

H75-H120


H150


4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

CPFE60-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE60-300 100X75X2	60	300	12"	100	4"	75	3"	214703	2,69
CPFE60-300 150X75X2	60	300	12"	150	6"	75	3"	214704	2,91
CPFE60-300 200X75X2	60	300	12"	200	8"	75	3"	214705	3,13
CPFE60-300 300X75X2	60	300	12"	300	12"	75	3"	214706	3,58
CPFE60-300 400X75X2	60	300	12"	400	16"	75	3"	214707	4,37
CPFE60-300 500X75X2	60	300	12"	500	20"	75	3"	214708	4,90
CPFE60-300 600X75X2	60	300	12"	600	24"	75	3"	214709	5,43
CPFE60-300 100X100X2	60	300	12"	100	4"	100	4"	214710	3,22
CPFE60-300 150X100X2	60	300	12"	150	6"	100	4"	214711	3,46
CPFE60-300 200X100X2	60	300	12"	200	8"	100	4"	214712	3,71
CPFE60-300 300X100X2	60	300	12"	300	12"	100	4"	214713	4,20
CPFE60-300 400X100X2	60	300	12"	400	16"	100	4"	214714	5,03
CPFE60-300 500X100X2	60	300	12"	500	20"	100	4"	214715	5,60
CPFE60-300 600X100X2	60	300	12"	600	24"	100	4"	214716	6,17
CPFE60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	214717	4,00
CPFE60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	214718	4,29
CPFE60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	214719	4,87
CPFE60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	214720	5,88
CPFE60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	214721	6,57
CPFE60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	214722	7,26
CPFE60-300 150X150X2	60	300	12"	150	6"	150	6"	214723	4,66
CPFE60-300 200X150X2	60	300	12"	200	8"	150	6"	214724	4,98
CPFE60-300 300X150X2	60	300	12"	300	12"	150	6"	214725	5,61
CPFE60-300 400X150X2	60	300	12"	400	16"	150	6"	214726	6,67
CPFE60-300 500X150X2	60	300	12"	500	20"	150	6"	214727	7,41
CPFE60-300 600X150X2	60	300	12"	600	24"	150	6"	214728	8,15

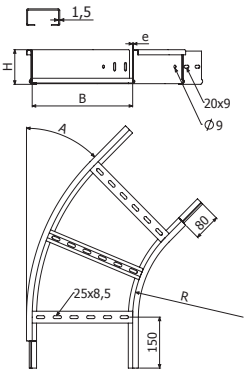


H75-H120

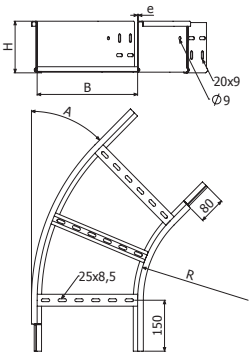


H150





H75-H120

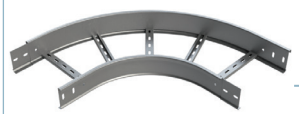


H150

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)

CPFE-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE-300 100X75X2	90	300	12"	100	4"	75	3"	200887	3,46
CPFE-300 150X75X2	90	300	12"	150	6"	75	3"	200888	3,77
CPFE-300 200X75X2	90	300	12"	200	8"	75	3"	200889	4,07
CPFE-300 300X75X2	90	300	12"	300	12"	75	3"	200890	4,69
CPFE-300 400X75X2	90	300	12"	400	16"	75	3"	200891	5,63
CPFE-300 500X75X2	90	300	12"	500	20"	75	3"	200892	6,33
CPFE-300 600X75X2	90	300	12"	600	24"	75	3"	200893	7,53
CPFE-300 100X100X2	90	300	12"	100	4"	100	4"	200895	4,23
CPFE-300 150X100X2	90	300	12"	150	6"	100	4"	200896	4,57
CPFE-300 200X100X2	90	300	12"	200	8"	100	4"	200897	4,91
CPFE-300 300X100X2	90	300	12"	300	12"	100	4"	200898	5,59
CPFE-300 400X100X2	90	300	12"	400	16"	100	4"	200899	6,60
CPFE-300 500X100X2	90	300	12"	500	20"	100	4"	200900	7,36
CPFE-300 600X100X2	90	300	12"	600	24"	100	4"	200901	8,64
CPFE-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	206880	5,38
CPFE-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	206881	5,80
CPFE-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	206882	6,64
CPFE-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	206883	7,94
CPFE-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	206884	8,90
CPFE-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	206885	10,53
CPFE-300 150X150X2	90	300	12"	150	6"	150	6"	206886	6,33
CPFE-300 200X150X2	90	300	12"	200	8"	150	6"	206887	6,80
CPFE-300 300X150X2	90	300	12"	300	12"	150	6"	206888	7,72
CPFE-300 400X150X2	90	300	12"	400	16"	150	6"	206889	9,10
CPFE-300 500X150X2	90	300	12"	500	20"	150	6"	206890	10,14
CPFE-300 600X150X2	90	300	12"	600	24"	150	6"	206891	11,85

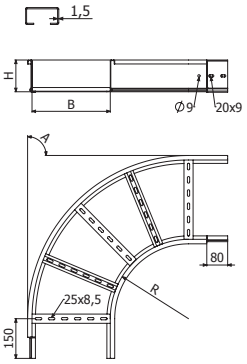


H75-H120

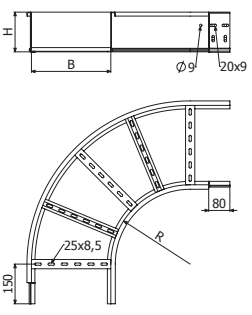


H150

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

CPFE30-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE30-600 100X75X2	30	600	24"	100	4"	75	3"	214886	2,59
CPFE30-600 150X75X2	30	600	24"	150	6"	75	3"	214887	2,77
CPFE30-600 200X75X2	30	600	24"	200	8"	75	3"	214888	2,94
CPFE30-600 300X75X2	30	600	24"	300	12"	75	3"	214889	3,29
CPFE30-600 400X75X2	30	600	24"	400	16"	75	3"	214890	3,64
CPFE30-600 500X75X2	30	600	24"	500	20"	75	3"	214891	4,00
CPFE30-600 600X75X2	30	600	24"	600	24"	75	3"	214892	4,35
CPFE30-600 100X100X2	30	600	24"	100	4"	100	4"	214893	3,10
CPFE30-600 150X100X2	30	600	24"	150	6"	100	4"	214894	3,29
CPFE30-600 200X100X2	30	600	24"	200	8"	100	4"	214895	3,48
CPFE30-600 300X100X2	30	600	24"	300	12"	100	4"	214896	3,85
CPFE30-600 400X100X2	30	600	24"	400	16"	100	4"	214897	4,22
CPFE30-600 500X100X2	30	600	24"	500	20"	100	4"	214898	4,59
CPFE30-600 600X100X2	30	600	24"	600	24"	100	4"	214899	4,96
CPFE30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	214900	3,80
CPFE30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	214901	4,02
CPFE30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	214902	4,47
CPFE30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	214903	4,92
CPFE30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	214904	5,37
CPFE30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	214905	5,82
CPFE30-600 150X150X2	30	600	24"	150	6"	150	6"	214906	4,43
CPFE30-600 200X150X2	30	600	24"	200	8"	150	6"	214907	4,66
CPFE30-600 300X150X2	30	600	24"	300	12"	150	6"	214908	5,14
CPFE30-600 400X150X2	30	600	24"	400	16"	150	6"	214909	5,61
CPFE30-600 500X150X2	30	600	24"	500	20"	150	6"	214910	6,09
CPFE30-600 600X150X2	30	600	24"	600	24"	150	6"	214911	6,57

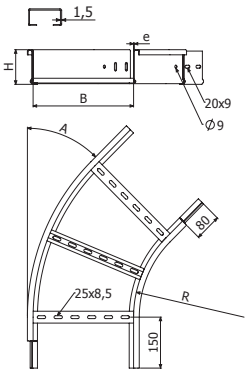


H75-H120

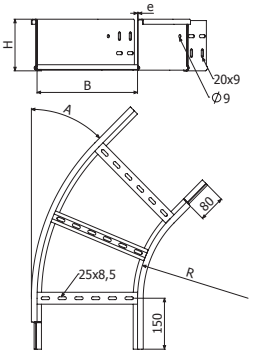


H150





H75-H120



H150

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)

CPFE45-600

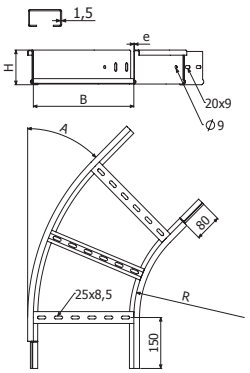
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE45-600 100X75X2	45	600	24"	100	4"	75	3"	214912	3,30
CPFE45-600 150X75X2	45	600	24"	150	6"	75	3"	214913	3,54
CPFE45-600 200X75X2	45	600	24"	200	8"	75	3"	214914	3,78
CPFE45-600 300X75X2	45	600	24"	300	12"	75	3"	214915	4,27
CPFE45-600 400X75X2	45	600	24"	400	16"	75	3"	214916	4,75
CPFE45-600 500X75X2	45	600	24"	500	20"	75	3"	214917	5,23
CPFE45-600 600X75X2	45	600	24"	600	24"	75	3"	214918	5,72
CPFE45-600 100X100X2	45	600	24"	100	4"	100	4"	214919	3,95
CPFE45-600 150X100X2	45	600	24"	150	6"	100	4"	214920	4,20
CPFE45-600 200X100X2	45	600	24"	200	8"	100	4"	214921	4,46
CPFE45-600 300X100X2	45	600	24"	300	12"	100	4"	214922	4,98
CPFE45-600 400X100X2	45	600	24"	400	16"	100	4"	214923	5,49
CPFE45-600 500X100X2	45	600	24"	500	20"	100	4"	214924	6,01
CPFE45-600 600X100X2	45	600	24"	600	24"	100	4"	214925	6,52
CPFE45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	214926	4,86
CPFE45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	214927	5,17
CPFE45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	214928	5,79
CPFE45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	214929	6,41
CPFE45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	214930	7,04
CPFE45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	214931	7,66
CPFE45-600 150X150X2	45	600	24"	150	6"	150	6"	214932	5,65
CPFE45-600 200X150X2	45	600	24"	200	8"	150	6"	214933	5,98
CPFE45-600 300X150X2	45	600	24"	300	12"	150	6"	214934	6,64
CPFE45-600 400X150X2	45	600	24"	400	16"	150	6"	214935	7,30
CPFE45-600 500X150X2	45	600	24"	500	20"	150	6"	214936	7,96
CPFE45-600 600X150X2	45	600	24"	600	24"	150	6"	214937	8,62



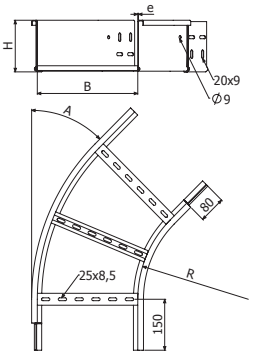
H75-H120



H150



H75-H120



H150

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)

CPFE60-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE60-600 100X75X2	60	600	24"	100	4"	75	3"	215605	3,92
CPFE60-600 150X75X2	60	600	24"	150	6"	75	3"	215606	4,18
CPFE60-600 200X75X2	60	600	24"	200	8"	75	3"	215607	4,62
CPFE60-600 300X75X2	60	600	24"	300	12"	75	3"	215608	5,24
CPFE60-600 400X75X2	60	600	24"	400	16"	75	3"	215609	5,85
CPFE60-600 500X75X2	60	600	24"	500	20"	75	3"	215610	6,47
CPFE60-600 600X75X2	60	600	24"	600	24"	75	3"	215611	7,09
CPFE60-600 100X100X2	60	600	24"	100	4"	100	4"	215612	4,70
CPFE60-600 150X100X2	60	600	24"	150	6"	100	4"	215613	4,99
CPFE60-600 200X100X2	60	600	24"	200	8"	100	4"	215614	5,45
CPFE60-600 300X100X2	60	600	24"	300	12"	100	4"	215615	6,11
CPFE60-600 400X100X2	60	600	24"	400	16"	100	4"	215616	6,76
CPFE60-600 500X100X2	60	600	24"	500	20"	100	4"	215617	7,42
CPFE60-600 600X100X2	60	600	24"	600	24"	100	4"	215618	8,08
CPFE60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	215619	5,76
CPFE60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	215620	6,31
CPFE60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	215621	7,11
CPFE60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	215622	7,90
CPFE60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	215623	8,70
CPFE60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	215624	9,49
CPFE60-600 150X150X2	60	600	24"	150	6"	150	6"	215625	6,72
CPFE60-600 200X150X2	60	600	24"	200	8"	150	6"	215626	7,30
CPFE60-600 300X150X2	60	600	24"	300	12"	150	6"	215627	8,15
CPFE60-600 400X150X2	60	600	24"	400	16"	150	6"	215628	8,99
CPFE60-600 500X150X2	60	600	24"	500	20"	150	6"	215629	9,84
CPFE60-600 600X150X2	60	600	24"	600	24"	150	6"	215630	10,68

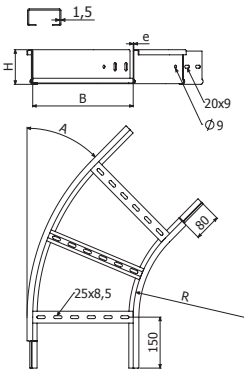


H75-H120

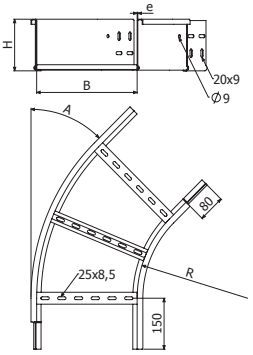


H150





H75-H120

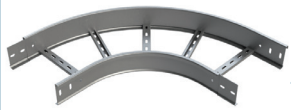


H150

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)

CPFE-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE-600 100X75X2	90	600	24"	100	4"	75	3"	215631	5,33
CPFE-600 150X75X2	90	600	24"	150	6"	75	3"	215632	5,73
CPFE-600 200X75X2	90	600	24"	200	8"	75	3"	215633	6,13
CPFE-600 300X75X2	90	600	24"	300	12"	75	3"	215634	6,93
CPFE-600 400X75X2	90	600	24"	400	16"	75	3"	215635	8,06
CPFE-600 500X75X2	90	600	24"	500	20"	75	3"	215636	8,95
CPFE-600 600X75X2	90	600	24"	600	24"	75	3"	215637	9,83
CPFE-600 100X100X2	90	600	24"	100	4"	100	4"	215638	6,39
CPFE-600 150X100X2	90	600	24"	150	6"	100	4"	215639	6,82
CPFE-600 200X100X2	90	600	24"	200	8"	100	4"	215640	7,25
CPFE-600 300X100X2	90	600	24"	300	12"	100	4"	215641	8,11
CPFE-600 400X100X2	90	600	24"	400	16"	100	4"	215642	9,31
CPFE-600 500X100X2	90	600	24"	500	20"	100	4"	215643	10,26
CPFE-600 600X100X2	90	600	24"	600	24"	100	4"	215644	11,20
CPFE-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	215645	7,87
CPFE-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	215646	8,39
CPFE-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	215647	9,42
CPFE-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	215648	10,88
CPFE-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	215649	12,02
CPFE-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	215650	13,15
CPFE-600 150X150X2	90	600	24"	150	6"	150	6"	215651	9,18
CPFE-600 200X150X2	90	600	24"	200	8"	150	6"	215652	9,73
CPFE-600 300X150X2	90	600	24"	300	12"	150	6"	215653	10,84
CPFE-600 400X150X2	90	600	24"	400	16"	150	6"	215654	12,37
CPFE-600 500X150X2	90	600	24"	500	20"	150	6"	215655	13,59
CPFE-600 600X150X2	90	600	24"	600	24"	150	6"	215656	14,80

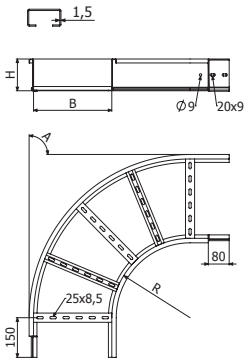


H75-H120

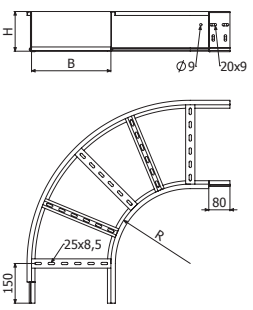


H150

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

CCFE30-300



H75-H120

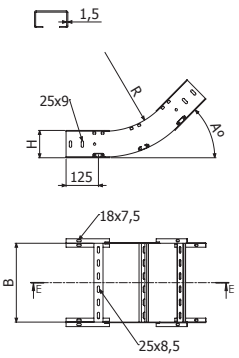


H150

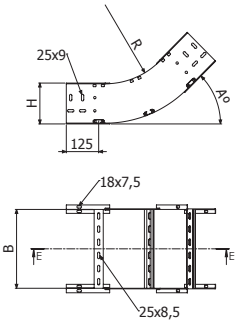


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE30-300 100X75X2	30	300	12"	100	4"	75	3"	214729	1,64
CCFE30-300 150X75X2	30	300	12"	150	6"	75	3"	214730	1,73
CCFE30-300 200X75X2	30	300	12"	200	8"	75	3"	214731	1,81
CCFE30-300 300X75X2	30	300	12"	300	12"	75	3"	214732	1,98
CCFE30-300 400X75X2	30	300	12"	400	16"	75	3"	214733	2,15
CCFE30-300 500X75X2	30	300	12"	500	20"	75	3"	214734	2,32
CCFE30-300 600X75X2	30	300	12"	600	24"	75	3"	214735	2,49
CCFE30-300 100X100X2	30	300	12"	100	4"	100	4"	214736	2,04
CCFE30-300 150X100X2	30	300	12"	150	6"	100	4"	214737	2,13
CCFE30-300 200X100X2	30	300	12"	200	8"	100	4"	214738	2,21
CCFE30-300 300X100X2	30	300	12"	300	12"	100	4"	214739	2,38
CCFE30-300 400X100X2	30	300	12"	400	16"	100	4"	214740	2,55
CCFE30-300 500X100X2	30	300	12"	500	20"	100	4"	214741	2,72
CCFE30-300 600X100X2	30	300	12"	600	24"	100	4"	214742	2,90
CCFE30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	214743	2,52
CCFE30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	214744	2,62
CCFE30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	214745	2,84
CCFE30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	214746	3,05
CCFE30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	214747	3,26
CCFE30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	214748	3,47
CCFE30-300 150X150X2	30	300	12"	150	6"	150	6"	214749	3,03
CCFE30-300 200X150X2	30	300	12"	200	8"	150	6"	214750	3,13
CCFE30-300 300X150X2	30	300	12"	300	12"	150	6"	214751	3,34
CCFE30-300 400X150X2	30	300	12"	400	16"	150	6"	214752	3,55
CCFE30-300 500X150X2	30	300	12"	500	20"	150	6"	214753	3,76
CCFE30-300 600X150X2	30	300	12"	600	24"	150	6"	214754	3,98

2 x JUFE



H75-H120



H150

CCFE45-300



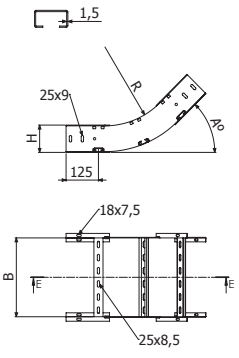
H75-H120



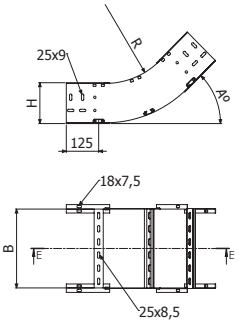
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE45-300 100X75X2	45	300	12"	100	4"	75	3"	214755	1,94
CCFE45-300 150X75X2	45	300	12"	150	6"	75	3"	214756	2,07
CCFE45-300 200X75X2	45	300	12"	200	8"	75	3"	214757	2,19
CCFE45-300 300X75X2	45	300	12"	300	12"	75	3"	214758	2,45
CCFE45-300 400X75X2	45	300	12"	400	16"	75	3"	214759	2,70
CCFE45-300 500X75X2	45	300	12"	500	20"	75	3"	214760	2,96
CCFE45-300 600X75X2	45	300	12"	600	24"	75	3"	214761	3,22
CCFE45-300 100X100X2	45	300	12"	100	4"	100	4"	214762	2,42
CCFE45-300 150X100X2	45	300	12"	150	6"	100	4"	214763	2,55
CCFE45-300 200X100X2	45	300	12"	200	8"	100	4"	214764	2,68
CCFE45-300 300X100X2	45	300	12"	300	12"	100	4"	214765	2,93
CCFE45-300 400X100X2	45	300	12"	400	16"	100	4"	214766	3,19
CCFE45-300 500X100X2	45	300	12"	500	20"	100	4"	214767	3,44
CCFE45-300 600X100X2	45	300	12"	600	24"	100	4"	214768	3,70
CCFE45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	214769	3,04
CCFE45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	214770	3,20
CCFE45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	214771	3,51
CCFE45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	214772	3,83
CCFE45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	214773	4,15
CCFE45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	214774	4,46
CCFE45-300 150X150X2	45	300	12"	150	6"	150	6"	214775	3,66
CCFE45-300 200X150X2	45	300	12"	200	8"	150	6"	214776	3,81
CCFE45-300 300X150X2	45	300	12"	300	12"	150	6"	214777	4,13
CCFE45-300 400X150X2	45	300	12"	400	16"	150	6"	214778	4,45
CCFE45-300 500X150X2	45	300	12"	500	20"	150	6"	214779	4,76
CCFE45-300 600X150X2	45	300	12"	600	24"	150	6"	214780	5,08

2 x JUFE



H75-H120



H150

CCFE60-300



H75-H120

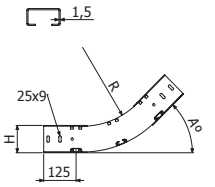


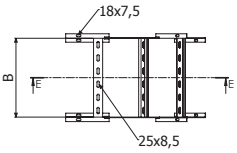
H150



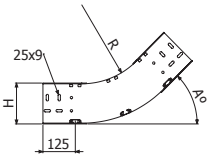
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE60-300 100X75X2	60	300	12"	100	4"	75	3"	214781	2,15
CCFE60-300 150X75X2	60	300	12"	150	6"	75	3"	214782	2,28
CCFE60-300 200X75X2	60	300	12"	200	8"	75	3"	214783	2,41
CCFE60-300 300X75X2	60	300	12"	300	12"	75	3"	214784	2,66
CCFE60-300 400X75X2	60	300	12"	400	16"	75	3"	214785	2,92
CCFE60-300 500X75X2	60	300	12"	500	20"	75	3"	214786	3,17
CCFE60-300 600X75X2	60	300	12"	600	24"	75	3"	214787	3,43
CCFE60-300 100X100X2	60	300	12"	100	4"	100	4"	214788	2,71
CCFE60-300 150X100X2	60	300	12"	150	6"	100	4"	214789	2,84
CCFE60-300 200X100X2	60	300	12"	200	8"	100	4"	214790	2,97
CCFE60-300 300X100X2	60	300	12"	300	12"	100	4"	214791	3,23
CCFE60-300 400X100X2	60	300	12"	400	16"	100	4"	214792	3,48
CCFE60-300 500X100X2	60	300	12"	500	20"	100	4"	214793	3,74
CCFE60-300 600X100X2	60	300	12"	600	24"	100	4"	214794	3,99
CCFE60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	214795	3,40
CCFE60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	214796	3,56
CCFE60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	214797	3,88
CCFE60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	214798	4,19
CCFE60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	214799	4,51
CCFE60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	214800	4,83
CCFE60-300 150X150X2	60	300	12"	150	6"	150	6"	214801	4,13
CCFE60-300 200X150X2	60	300	12"	200	8"	150	6"	214802	4,28
CCFE60-300 300X150X2	60	300	12"	300	12"	150	6"	214803	4,60
CCFE60-300 400X150X2	60	300	12"	400	16"	150	6"	214804	4,92
CCFE60-300 500X150X2	60	300	12"	500	20"	150	6"	214805	5,24
CCFE60-300 600X150X2	60	300	12"	600	24"	150	6"	214806	5,55

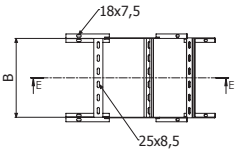
2 x JUFE





H75-H120





H150

CCFE-300



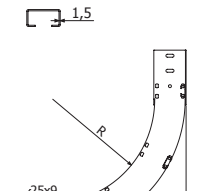
H75-H120

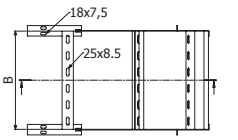


H150

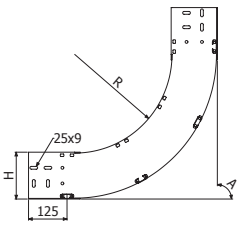
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE-300 100X75X2	90	300	12"	100	4"	75	3"	204794	2,71
CCFE-300 150X75X2	90	300	12"	150	6"	75	3"	204596	2,88
CCFE-300 200X75X2	90	300	12"	200	8"	75	3"	204548	3,07
CCFE-300 300X75X2	90	300	12"	300	12"	75	3"	204549	3,43
CCFE-300 400X75X2	90	300	12"	400	16"	75	3"	200802	3,78
CCFE-300 500X75X2	90	300	12"	500	20"	75	3"	200803	4,14
CCFE-300 600X75X2	90	300	12"	600	24"	75	3"	200804	4,50
CCFE-300 100X100X2	90	300	12"	100	4"	100	4"	200805	3,50
CCFE-300 150X100X2	90	300	12"	150	6"	100	4"	200806	3,69
CCFE-300 200X100X2	90	300	12"	200	8"	100	4"	200807	3,86
CCFE-300 300X100X2	90	300	12"	300	12"	100	4"	200808	4,22
CCFE-300 400X100X2	90	300	12"	400	16"	100	4"	200809	4,59
CCFE-300 500X100X2	90	300	12"	500	20"	100	4"	200810	4,94
CCFE-300 600X100X2	90	300	12"	600	24"	100	4"	200811	5,30
CCFE-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	206892	4,51
CCFE-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	206893	4,74
CCFE-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	206894	5,22
CCFE-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	206895	5,69
CCFE-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	206896	6,16
CCFE-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	206897	6,64
CCFE-300 150X150X2	90	300	12"	150	6"	150	6"	206898	5,50
CCFE-300 200X150X2	90	300	12"	200	8"	150	6"	206899	5,73
CCFE-300 300X150X2	90	300	12"	300	12"	150	6"	206900	6,21
CCFE-300 400X150X2	90	300	12"	400	16"	150	6"	206901	6,68
CCFE-300 500X150X2	90	300	12"	500	20"	150	6"	206902	7,15
CCFE-300 600X150X2	90	300	12"	600	24"	150	6"	206903	7,63

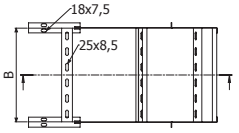
2 x JUFE





H75-H120





H150

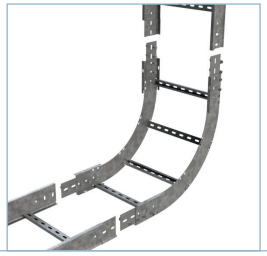
CCFE30-600



H75-H120

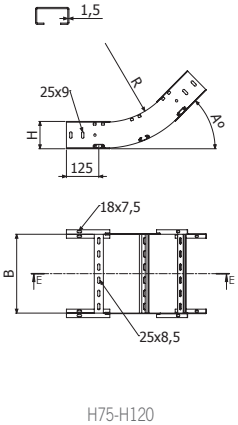


H150

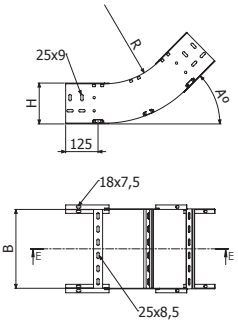


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE30-600 100X75X2	30	600	24"	100	4"	75	3"	215657	2,10
CCFE30-600 150X75X2	30	600	24"	150	6"	75	3"	215658	2,23
CCFE30-600 200X75X2	30	600	24"	200	8"	75	3"	215659	2,36
CCFE30-600 300X75X2	30	600	24"	300	12"	75	3"	215660	2,61
CCFE30-600 400X75X2	30	600	24"	400	16"	75	3"	215661	2,87
CCFE30-600 500X75X2	30	600	24"	500	20"	75	3"	215662	3,13
CCFE30-600 600X75X2	30	600	24"	600	24"	75	3"	215663	3,38
CCFE30-600 100X100X2	30	600	24"	100	4"	100	4"	215664	2,63
CCFE30-600 150X100X2	30	600	24"	150	6"	100	4"	215665	2,76
CCFE30-600 200X100X2	30	600	24"	200	8"	100	4"	215666	2,89
CCFE30-600 300X100X2	30	600	24"	300	12"	100	4"	215667	3,14
CCFE30-600 400X100X2	30	600	24"	400	16"	100	4"	215668	3,40
CCFE30-600 500X100X2	30	600	24"	500	20"	100	4"	215669	3,65
CCFE30-600 600X100X2	30	600	24"	600	24"	100	4"	215670	3,91
CCFE30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	215671	3,28
CCFE30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	215672	3,44
CCFE30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	215673	3,76
CCFE30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	215674	4,07
CCFE30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	215675	4,39
CCFE30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	215676	4,71
CCFE30-600 150X150X2	30	600	24"	150	6"	150	6"	215677	3,94
CCFE30-600 200X150X2	30	600	24"	200	8"	150	6"	215678	4,10
CCFE30-600 300X150X2	30	600	24"	300	12"	150	6"	215679	4,41
CCFE30-600 400X150X2	30	600	24"	400	16"	150	6"	215680	4,73
CCFE30-600 500X150X2	30	600	24"	500	20"	150	6"	215681	5,05
CCFE30-600 600X150X2	30	600	24"	600	24"	150	6"	215682	5,36

2 x JUFE



H75-H120



H150

CCFE45-600



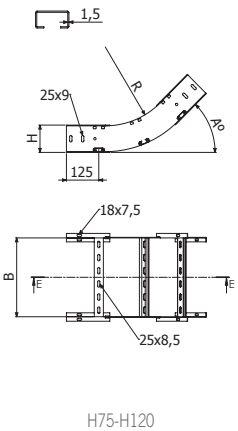
H75-H120



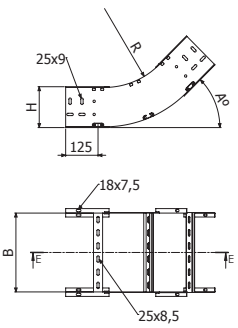
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE45-600 100X75X2	45	600	24"	100	4"	75	3"	215683	2,59
CCFE45-600 150X75X2	45	600	24"	150	6"	75	3"	215684	2,76
CCFE45-600 200X75X2	45	600	24"	200	8"	75	3"	215685	2,93
CCFE45-600 300X75X2	45	600	24"	300	12"	75	3"	215686	3,27
CCFE45-600 400X75X2	45	600	24"	400	16"	75	3"	215687	3,61
CCFE45-600 500X75X2	45	600	24"	500	20"	75	3"	215688	3,95
CCFE45-600 600X75X2	45	600	24"	600	24"	75	3"	215689	4,29
CCFE45-600 100X100X2	45	600	24"	100	4"	100	4"	215690	3,26
CCFE45-600 150X100X2	45	600	24"	150	6"	100	4"	215691	3,43
CCFE45-600 200X100X2	45	600	24"	200	8"	100	4"	215692	3,60
CCFE45-600 300X100X2	45	600	24"	300	12"	100	4"	215693	3,94
CCFE45-600 400X100X2	45	600	24"	400	16"	100	4"	215694	4,28
CCFE45-600 500X100X2	45	600	24"	500	20"	100	4"	215695	4,62
CCFE45-600 600X100X2	45	600	24"	600	24"	100	4"	215696	4,96
CCFE45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	215697	4,10
CCFE45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	215698	4,31
CCFE45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	215699	4,74
CCFE45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	215700	5,16
CCFE45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	215701	5,58
CCFE45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	215702	6,00
CCFE45-600 150X150X2	45	600	24"	150	6"	150	6"	215703	4,94
CCFE45-600 200X150X2	45	600	24"	200	8"	150	6"	215704	5,16
CCFE45-600 300X150X2	45	600	24"	300	12"	150	6"	215705	5,58
CCFE45-600 400X150X2	45	600	24"	400	16"	150	6"	215706	6,00
CCFE45-600 500X150X2	45	600	24"	500	20"	150	6"	215707	6,42
CCFE45-600 600X150X2	45	600	24"	600	24"	150	6"	215708	6,85

2 x JUFE



H75-H120



H150

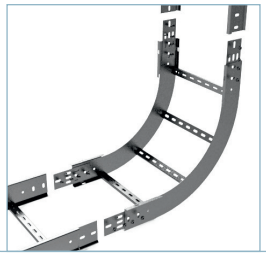
CCFE60-600



H75-H120

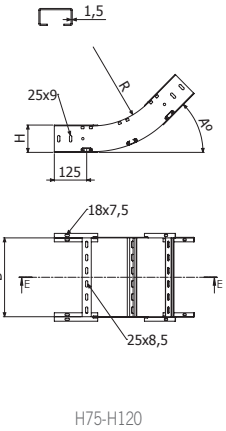


H150

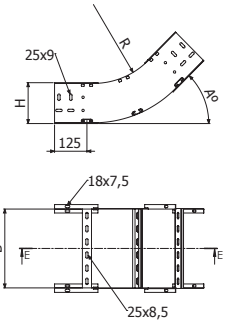


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE60-600 100X75X2	60	600	24"	100	4"	75	3"	215709	2,99
CCFE60-600 150X75X2	60	600	24"	150	6"	75	3"	215710	3,16
CCFE60-600 200X75X2	60	600	24"	200	8"	75	3"	215711	3,33
CCFE60-600 300X75X2	60	600	24"	300	12"	75	3"	215712	3,67
CCFE60-600 400X75X2	60	600	24"	400	16"	75	3"	215713	4,01
CCFE60-600 500X75X2	60	600	24"	500	20"	75	3"	215714	4,35
CCFE60-600 600X75X2	60	600	24"	600	24"	75	3"	215715	4,69
CCFE60-600 100X100X2	60	600	24"	100	4"	100	4"	215716	3,81
CCFE60-600 150X100X2	60	600	24"	150	6"	100	4"	215717	3,98
CCFE60-600 200X100X2	60	600	24"	200	8"	100	4"	215718	4,15
CCFE60-600 300X100X2	60	600	24"	300	12"	100	4"	215719	4,49
CCFE60-600 400X100X2	60	600	24"	400	16"	100	4"	215720	4,83
CCFE60-600 500X100X2	60	600	24"	500	20"	100	4"	215721	5,17
CCFE60-600 600X100X2	60	600	24"	600	24"	100	4"	215722	5,51
CCFE60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	215723	4,77
CCFE60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	215724	4,98
CCFE60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	215725	5,40
CCFE60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	215726	5,82
CCFE60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	215727	6,24
CCFE60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	215728	6,67
CCFE60-600 150X150X2	60	600	24"	150	6"	150	6"	215729	5,95
CCFE60-600 200X150X2	60	600	24"	200	8"	150	6"	215730	6,22
CCFE60-600 300X150X2	60	600	24"	300	12"	150	6"	215731	6,74
CCFE60-600 400X150X2	60	600	24"	400	16"	150	6"	215732	7,27
CCFE60-600 500X150X2	60	600	24"	500	20"	150	6"	215733	7,80
CCFE60-600 600X150X2	60	600	24"	600	24"	150	6"	215734	8,33

2 x JUFE



H75-H120



H150

CCFE-600



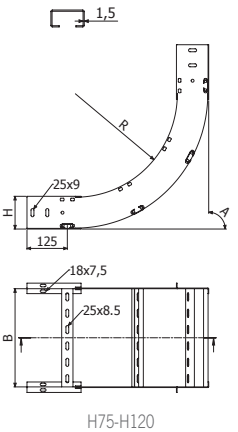
H75-H120



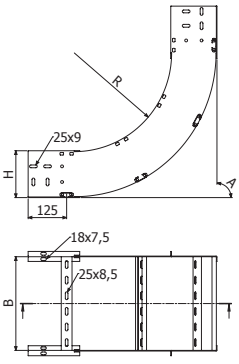
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE-600 100X75X2	90	600	24"	100	4"	75	3"	215735	3,96
CCFE-600 150X75X2	90	600	24"	150	6"	75	3"	215736	4,22
CCFE-600 200X75X2	90	600	24"	200	8"	75	3"	215737	4,47
CCFE-600 300X75X2	90	600	24"	300	12"	75	3"	215738	4,98
CCFE-600 400X75X2	90	600	24"	400	16"	75	3"	215739	5,49
CCFE-600 500X75X2	90	600	24"	500	20"	75	3"	215740	6,01
CCFE-600 600X75X2	90	600	24"	600	24"	75	3"	215741	6,52
CCFE-600 100X100X2	90	600	24"	100	4"	100	4"	215742	5,06
CCFE-600 150X100X2	90	600	24"	150	6"	100	4"	215743	5,32
CCFE-600 200X100X2	90	600	24"	200	8"	100	4"	215744	5,58
CCFE-600 300X100X2	90	600	24"	300	12"	100	4"	215745	6,09
CCFE-600 400X100X2	90	600	24"	400	16"	100	4"	215746	6,60
CCFE-600 500X100X2	90	600	24"	500	20"	100	4"	215747	7,11
CCFE-600 600X100X2	90	600	24"	600	24"	100	4"	215748	7,62
CCFE-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	215749	6,41
CCFE-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	215750	6,73
CCFE-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	207037	7,36
CCFE-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	215751	7,99
CCFE-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	215752	8,63
CCFE-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	207036	9,26
CCFE-600 150X150X2	90	600	24"	150	6"	150	6"	215753	7,81
CCFE-600 200X150X2	90	600	24"	200	8"	150	6"	215754	8,12
CCFE-600 300X150X2	90	600	24"	300	12"	150	6"	215755	8,76
CCFE-600 400X150X2	90	600	24"	400	16"	150	6"	215756	9,39
CCFE-600 500X150X2	90	600	24"	500	20"	150	6"	215757	10,02
CCFE-600 600X150X2	90	600	24"	600	24"	150	6"	215758	10,66

2 x JUFE



H75-H120



H150

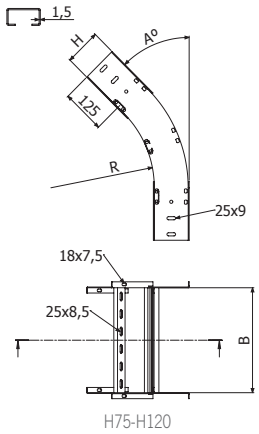
CXFE30-300


H75-H120

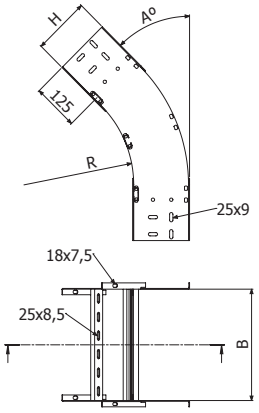

H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE30-300 100X75X2	30	300	12"	100	4"	75	3"	214807	1,64
CXFE30-300 150X75X2	30	300	12"	150	6"	75	3"	214808	1,73
CXFE30-300 200X75X2	30	300	12"	200	8"	75	3"	214810	1,81
CXFE30-300 300X75X2	30	300	12"	300	12"	75	3"	214811	1,98
CXFE30-300 400X75X2	30	300	12"	400	16"	75	3"	214812	2,15
CXFE30-300 500X75X2	30	300	12"	500	20"	75	3"	214813	2,32
CXFE30-300 600X75X2	30	300	12"	600	24"	75	3"	214814	2,49
CXFE30-300 100X100X2	30	300	12"	100	4"	100	4"	214815	2,04
CXFE30-300 150X100X2	30	300	12"	150	6"	100	4"	214816	2,13
CXFE30-300 200X100X2	30	300	12"	200	8"	100	4"	214817	2,21
CXFE30-300 300X100X2	30	300	12"	300	12"	100	4"	214818	2,38
CXFE30-300 400X100X2	30	300	12"	400	16"	100	4"	214819	2,55
CXFE30-300 500X100X2	30	300	12"	500	20"	100	4"	214820	2,72
CXFE30-300 600X100X2	30	300	12"	600	24"	100	4"	214821	2,90
CXFE30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	214822	2,52
CXFE30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	214823	2,62
CXFE30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	214824	2,84
CXFE30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	214825	3,05
CXFE30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	214826	3,26
CXFE30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	214827	3,47
CXFE30-300 150X150X2	30	300	12"	150	6"	150	6"	214828	3,03
CXFE30-300 200X150X2	30	300	12"	200	8"	150	6"	214829	3,13
CXFE30-300 300X150X2	30	300	12"	300	12"	150	6"	214830	3,34
CXFE30-300 400X150X2	30	300	12"	400	16"	150	6"	214831	3,55
CXFE30-300 500X150X2	30	300	12"	500	20"	150	6"	214832	3,76
CXFE30-300 600X150X2	30	300	12"	600	24"	150	6"	214833	3,98

2 x JUFE



H75-H120



H150

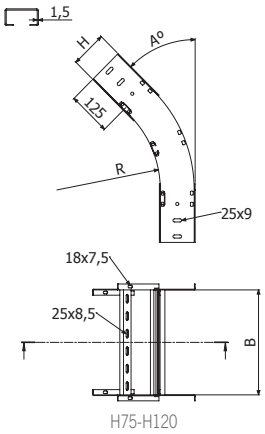
CXFE45-300


H75-H120

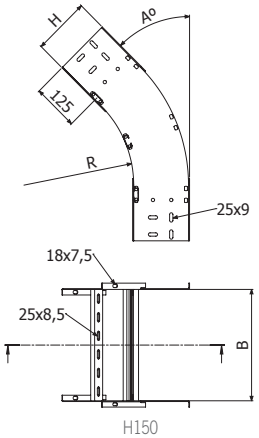

H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE45-300 100X75X2	45	300	12"	100	4"	75	3"	214834	1,94
CXFE45-300 150X75X2	45	300	12"	150	6"	75	3"	214835	2,07
CXFE45-300 200X75X2	45	300	12"	200	8"	75	3"	214836	2,19
CXFE45-300 300X75X2	45	300	12"	300	12"	75	3"	214837	2,45
CXFE45-300 400X75X2	45	300	12"	400	16"	75	3"	214838	2,70
CXFE45-300 500X75X2	45	300	12"	500	20"	75	3"	214839	2,96
CXFE45-300 600X75X2	45	300	12"	600	24"	75	3"	214840	3,22
CXFE45-300 100X100X2	45	300	12"	100	4"	100	4"	214841	2,42
CXFE45-300 150X100X2	45	300	12"	150	6"	100	4"	214842	2,55
CXFE45-300 200X100X2	45	300	12"	200	8"	100	4"	214843	2,68
CXFE45-300 300X100X2	45	300	12"	300	12"	100	4"	214844	2,93
CXFE45-300 400X100X2	45	300	12"	400	16"	100	4"	214845	3,19
CXFE45-300 500X100X2	45	300	12"	500	20"	100	4"	214846	3,44
CXFE45-300 600X100X2	45	300	12"	600	24"	100	4"	214847	3,70
CXFE45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	214848	3,04
CXFE45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	214849	3,20
CXFE45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	214850	3,51
CXFE45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	214851	3,83
CXFE45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	214852	4,15
CXFE45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	214853	4,46
CXFE45-300 150X150X2	45	300	12"	150	6"	150	6"	214854	3,66
CXFE45-300 200X150X2	45	300	12"	200	8"	150	6"	214855	3,81
CXFE45-300 300X150X2	45	300	12"	300	12"	150	6"	214856	4,13
CXFE45-300 400X150X2	45	300	12"	400	16"	150	6"	214857	4,45
CXFE45-300 500X150X2	45	300	12"	500	20"	150	6"	214858	4,76
CXFE45-300 600X150X2	45	300	12"	600	24"	150	6"	214859	5,08

2 x JUFE



H75-H120



H150

CXFE60-300



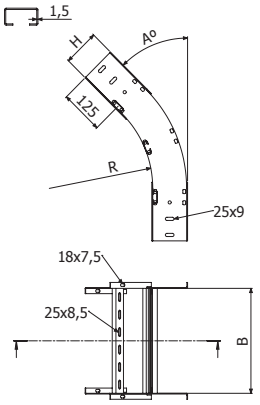
H75-H120



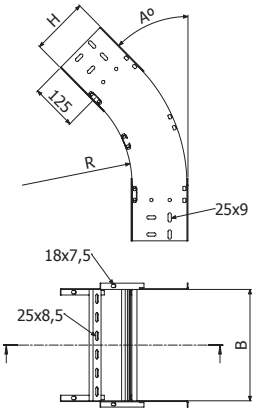
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE60-300 100X75X2	60	300	12"	100	4"	75	3"	214860	2,15
CXFE60-300 150X75X2	60	300	12"	150	6"	75	3"	214861	2,28
CXFE60-300 200X75X2	60	300	12"	200	8"	75	3"	214862	2,41
CXFE60-300 300X75X2	60	300	12"	300	12"	75	3"	214863	2,66
CXFE60-300 400X75X2	60	300	12"	400	16"	75	3"	214864	2,92
CXFE60-300 500X75X2	60	300	12"	500	20"	75	3"	214865	3,17
CXFE60-300 600X75X2	60	300	12"	600	24"	75	3"	214866	3,43
CXFE60-300 100X100X2	60	300	12"	100	4"	100	4"	214867	2,71
CXFE60-300 150X100X2	60	300	12"	150	6"	100	4"	214868	2,84
CXFE60-300 200X100X2	60	300	12"	200	8"	100	4"	214869	2,97
CXFE60-300 300X100X2	60	300	12"	300	12"	100	4"	214870	3,23
CXFE60-300 400X100X2	60	300	12"	400	16"	100	4"	214871	3,48
CXFE60-300 500X100X2	60	300	12"	500	20"	100	4"	214872	3,74
CXFE60-300 600X100X2	60	300	12"	600	24"	100	4"	214873	3,99
CXFE60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	214874	3,40
CXFE60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	214875	3,56
CXFE60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	214876	3,88
CXFE60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	214877	4,19
CXFE60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	214878	4,51
CXFE60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	214879	4,83
CXFE60-300 150X150X2	60	300	12"	150	6"	150	6"	214880	4,13
CXFE60-300 200X150X2	60	300	12"	200	8"	150	6"	214881	4,28
CXFE60-300 300X150X2	60	300	12"	300	12"	150	6"	214882	4,60
CXFE60-300 400X150X2	60	300	12"	400	16"	150	6"	214883	4,92
CXFE60-300 500X150X2	60	300	12"	500	20"	150	6"	214884	5,24
CXFE60-300 600X150X2	60	300	12"	600	24"	150	6"	214885	5,55

2 x JUFE



H75-H120

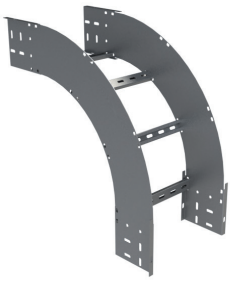


H150

CXFE-300



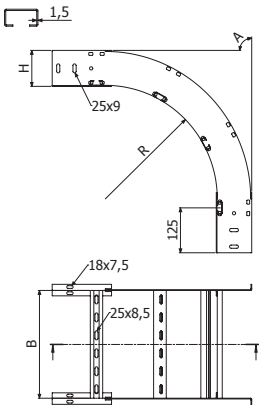
H75-H120



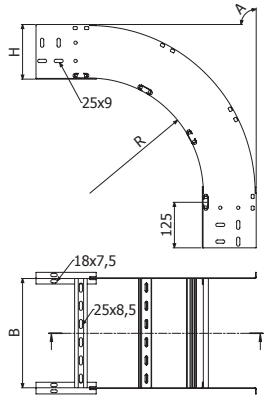
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE-300 100X75X2	90	300	12"	100	4"	75	3"	200909	2,61
CXFE-300 150X75X2	90	300	12"	150	6"	75	3"	200910	2,75
CXFE-300 200X75X2	90	300	12"	200	8"	75	3"	200911	2,88
CXFE-300 300X75X2	90	300	12"	300	12"	75	3"	200912	3,15
CXFE-300 400X75X2	90	300	12"	400	16"	75	3"	200913	3,43
CXFE-300 500X75X2	90	300	12"	500	20"	75	3"	200914	3,70
CXFE-300 600X75X2	90	300	12"	600	24"	75	3"	200915	3,97
CXFE-300 100X100X2	90	300	12"	100	4"	100	4"	200916	3,41
CXFE-300 150X100X2	90	300	12"	150	6"	100	4"	200917	3,55
CXFE-300 200X100X2	90	300	12"	200	8"	100	4"	200918	3,69
CXFE-300 300X100X2	90	300	12"	300	12"	100	4"	200919	3,95
CXFE-300 400X100X2	90	300	12"	400	16"	100	4"	200920	4,22
CXFE-300 500X100X2	90	300	12"	500	20"	100	4"	200921	4,49
CXFE-300 600X100X2	90	300	12"	600	24"	100	4"	200922	4,76
CXFE-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	206904	4,32
CXFE-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	206905	4,51
CXFE-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	206906	4,86
CXFE-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	206907	5,21
CXFE-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	206908	5,57
CXFE-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	206909	5,92
CXFE-300 150X150X2	90	300	12"	150	6"	150	6"	206910	5,31
CXFE-300 200X150X2	90	300	12"	200	8"	150	6"	206911	5,50
CXFE-300 300X150X2	90	300	12"	300	12"	150	6"	206912	5,85
CXFE-300 400X150X2	90	300	12"	400	16"	150	6"	206913	6,21
CXFE-300 500X150X2	90	300	12"	500	20"	150	6"	206914	6,56
CXFE-300 600X150X2	90	300	12"	600	24"	150	6"	206915	6,91

2 x JUFE



H75-H120



H150

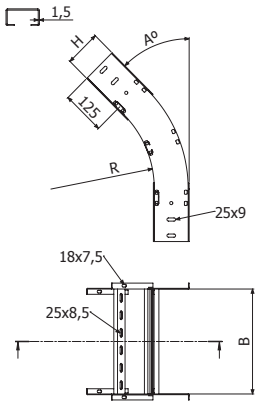
CXFE30-600


H75-H120

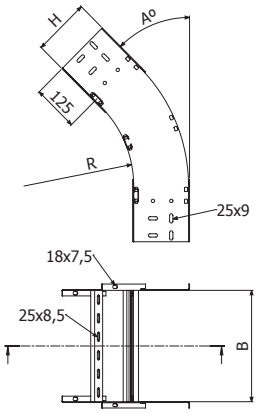

H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE30-600 100X75X2	30	600	24"	100	4"	75	3"	215759	2,10
CXFE30-600 150X75X2	30	600	24"	150	6"	75	3"	215760	2,23
CXFE30-600 200X75X2	30	600	24"	200	8"	75	3"	215761	2,36
CXFE30-600 300X75X2	30	600	24"	300	12"	75	3"	215762	2,61
CXFE30-600 400X75X2	30	600	24"	400	16"	75	3"	215763	2,87
CXFE30-600 500X75X2	30	600	24"	500	20"	75	3"	215764	3,13
CXFE30-600 600X75X2	30	600	24"	600	24"	75	3"	215765	3,38
CXFE30-600 100X100X2	30	600	24"	100	4"	100	4"	215766	2,63
CXFE30-600 150X100X2	30	600	24"	150	6"	100	4"	215767	2,76
CXFE30-600 200X100X2	30	600	24"	200	8"	100	4"	215768	2,89
CXFE30-600 300X100X2	30	600	24"	300	12"	100	4"	215769	3,14
CXFE30-600 400X100X2	30	600	24"	400	16"	100	4"	215770	3,40
CXFE30-600 500X100X2	30	600	24"	500	20"	100	4"	215771	3,65
CXFE30-600 600X100X2	30	600	24"	600	24"	100	4"	215772	3,91
CXFE30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	215773	3,28
CXFE30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	215774	3,44
CXFE30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	215775	3,76
CXFE30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	215776	4,07
CXFE30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	215777	4,39
CXFE30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	215778	4,71
CXFE30-600 150X150X2	30	600	24"	150	6"	150	6"	215779	3,94
CXFE30-600 200X150X2	30	600	24"	200	8"	150	6"	215780	4,10
CXFE30-600 300X150X2	30	600	24"	300	12"	150	6"	215781	4,41
CXFE30-600 400X150X2	30	600	24"	400	16"	150	6"	215782	4,73
CXFE30-600 500X150X2	30	600	24"	500	20"	150	6"	215783	5,05
CXFE30-600 600X150X2	30	600	24"	600	24"	150	6"	215784	5,36

2 x JUFE



H75-H120



H150

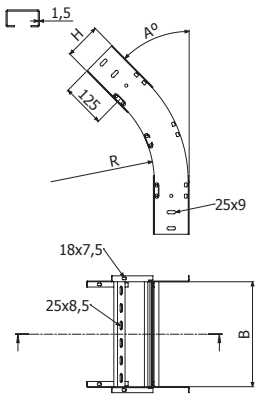
CXFE45-600


H75-H120

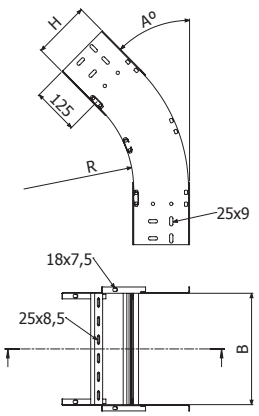

H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE45-600 100X75X2	45	600	24"	100	4"	75	3"	215785	2,59
CXFE45-600 150X75X2	45	600	24"	150	6"	75	3"	215786	2,76
CXFE45-600 200X75X2	45	600	24"	200	8"	75	3"	215787	2,93
CXFE45-600 300X75X2	45	600	24"	300	12"	75	3"	215788	3,27
CXFE45-600 400X75X2	45	600	24"	400	16"	75	3"	215789	3,61
CXFE45-600 500X75X2	45	600	24"	500	20"	75	3"	215790	3,95
CXFE45-600 600X75X2	45	600	24"	600	24"	75	3"	215791	4,29
CXFE45-600 100X100X2	45	600	24"	100	4"	100	4"	215792	3,26
CXFE45-600 150X100X2	45	600	24"	150	6"	100	4"	215793	3,43
CXFE45-600 200X100X2	45	600	24"	200	8"	100	4"	215794	3,60
CXFE45-600 300X100X2	45	600	24"	300	12"	100	4"	215795	3,94
CXFE45-600 400X100X2	45	600	24"	400	16"	100	4"	215796	4,28
CXFE45-600 500X100X2	45	600	24"	500	20"	100	4"	215797	4,62
CXFE45-600 600X100X2	45	600	24"	600	24"	100	4"	215798	4,96
CXFE45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	215799	4,10
CXFE45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	215800	4,31
CXFE45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	215801	4,74
CXFE45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	215802	5,16
CXFE45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	215803	5,58
CXFE45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	215804	6,00
CXFE45-600 150X150X2	45	600	24"	150	6"	150	6"	215805	4,94
CXFE45-600 200X150X2	45	600	24"	200	8"	150	6"	215806	5,16
CXFE45-600 300X150X2	45	600	24"	300	12"	150	6"	215807	5,58
CXFE45-600 400X150X2	45	600	24"	400	16"	150	6"	215808	6,00
CXFE45-600 500X150X2	45	600	24"	500	20"	150	6"	215809	6,42
CXFE45-600 600X150X2	45	600	24"	600	24"	150	6"	215810	6,85

2 x JUFE



H75-H120



H150

CXFE60-600



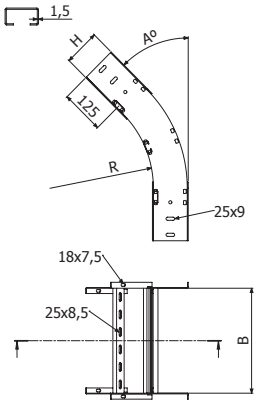
H75-H120



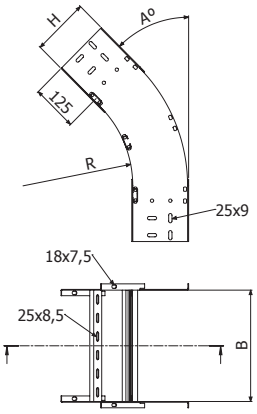
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE60-600 100X75X2	60	600	24"	100	4"	75	3"	215811	2,99
CXFE60-600 150X75X2	60	600	24"	150	6"	75	3"	215812	3,16
CXFE60-600 200X75X2	60	600	24"	200	8"	75	3"	215813	3,33
CXFE60-600 300X75X2	60	600	24"	300	12"	75	3"	215814	3,67
CXFE60-600 400X75X2	60	600	24"	400	16"	75	3"	215815	4,01
CXFE60-600 500X75X2	60	600	24"	500	20"	75	3"	215816	4,35
CXFE60-600 600X75X2	60	600	24"	600	24"	75	3"	215817	4,69
CXFE60-600 100X100X2	60	600	24"	100	4"	100	4"	215818	3,81
CXFE60-600 150X100X2	60	600	24"	150	6"	100	4"	215819	3,98
CXFE60-600 200X100X2	60	600	24"	200	8"	100	4"	215820	4,15
CXFE60-600 300X100X2	60	600	24"	300	12"	100	4"	215821	4,49
CXFE60-600 400X100X2	60	600	24"	400	16"	100	4"	215822	4,83
CXFE60-600 500X100X2	60	600	24"	500	20"	100	4"	215823	5,17
CXFE60-600 600X100X2	60	600	24"	600	24"	100	4"	215824	5,51
CXFE60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	215825	4,77
CXFE60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	215826	4,98
CXFE60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	215827	5,40
CXFE60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	215828	5,82
CXFE60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	215829	6,24
CXFE60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	215830	6,67
CXFE60-600 150X150X2	60	600	24"	150	6"	150	6"	215831	5,95
CXFE60-600 200X150X2	60	600	24"	200	8"	150	6"	215832	6,22
CXFE60-600 300X150X2	60	600	24"	300	12"	150	6"	215833	6,74
CXFE60-600 400X150X2	60	600	24"	400	16"	150	6"	215834	7,27
CXFE60-600 500X150X2	60	600	24"	500	20"	150	6"	215835	7,80
CXFE60-600 600X150X2	60	600	24"	600	24"	150	6"	215836	8,33

2 x JUFE



H75-H120

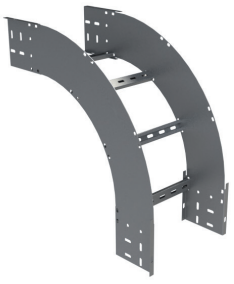


H150

CXFE-600



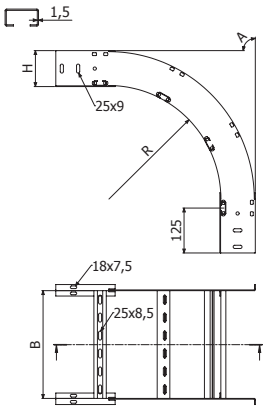
H75-H120



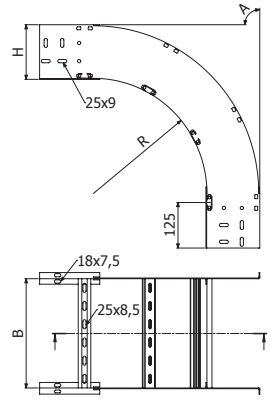
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE-600 100X75X2	90	600	24"	100	4"	75	3"	215837	3,96
CXFE-600 150X75X2	90	600	24"	150	6"	75	3"	215838	4,22
CXFE-600 200X75X2	90	600	24"	200	8"	75	3"	215839	4,47
CXFE-600 300X75X2	90	600	24"	300	12"	75	3"	215840	4,98
CXFE-600 400X75X2	90	600	24"	400	16"	75	3"	215841	5,49
CXFE-600 500X75X2	90	600	24"	500	20"	75	3"	215842	6,01
CXFE-600 600X75X2	90	600	24"	600	24"	75	3"	215843	6,52
CXFE-600 100X100X2	90	600	24"	100	4"	100	4"	215844	5,06
CXFE-600 150X100X2	90	600	24"	150	6"	100	4"	215845	5,32
CXFE-600 200X100X2	90	600	24"	200	8"	100	4"	215846	5,58
CXFE-600 300X100X2	90	600	24"	300	12"	100	4"	215847	6,09
CXFE-600 400X100X2	90	600	24"	400	16"	100	4"	215848	6,60
CXFE-600 500X100X2	90	600	24"	500	20"	100	4"	215849	7,11
CXFE-600 600X100X2	90	600	24"	600	24"	100	4"	215850	7,62
CXFE-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	215851	6,41
CXFE-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	215852	6,73
CXFE-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	207039	7,36
CXFE-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	215853	7,99
CXFE-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	215854	8,63
CXFE-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	207038	9,26
CXFE-600 150X150X2	90	600	24"	150	6"	150	6"	215855	7,81
CXFE-600 200X150X2	90	600	24"	200	8"	150	6"	215856	8,12
CXFE-600 300X150X2	90	600	24"	300	12"	150	6"	215857	8,76
CXFE-600 400X150X2	90	600	24"	400	16"	150	6"	215858	9,39
CXFE-600 500X150X2	90	600	24"	500	20"	150	6"	215859	10,02
CXFE-600 600X150X2	90	600	24"	600	24"	150	6"	215860	10,66

2 x JUFE



H75-H120

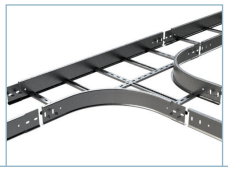


H150

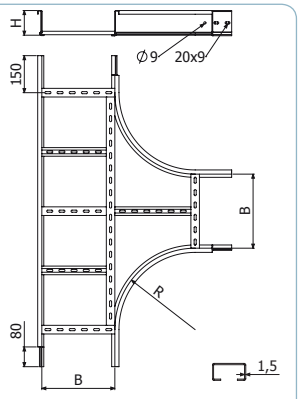
TEFE-300



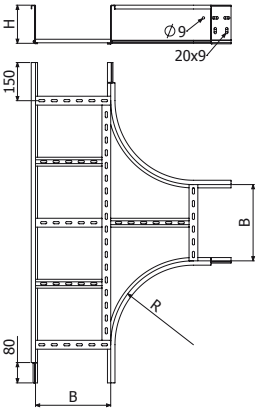
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEFE-300 100X75X2	300	12"	100	4"	75	3"	200930	5,41
TEFE-300 150X75X2	300	12"	150	6"	75	3"	200931	5,76
TEFE-300 200X75X2	300	12"	200	8"	75	3"	200932	6,12
TEFE-300 300X75X2	300	12"	300	12"	75	3"	200933	6,84
TEFE-300 400X75X2	300	12"	400	16"	75	3"	200934	8,01
TEFE-300 500X75X2	300	12"	500	20"	75	3"	200935	8,81
TEFE-300 600X75X2	300	12"	600	24"	75	3"	200936	9,62
TEFE-300 100X100X2	300	12"	100	4"	100	4"	200937	6,56
TEFE-300 150X100X2	300	12"	150	6"	100	4"	200938	6,94
TEFE-300 200X100X2	300	12"	200	8"	100	4"	200939	7,32
TEFE-300 300X100X2	300	12"	300	12"	100	4"	200940	8,08
TEFE-300 400X100X2	300	12"	400	16"	100	4"	200941	9,29
TEFE-300 500X100X2	300	12"	500	20"	100	4"	200942	10,14
TEFE-300 600X100X2	300	12"	600	24"	100	4"	200943	10,98
TEFE-300 150X120X2	300	12"	150	6"	120	4 5/7"	206916	8,20
TEFE-300 200X120X2	300	12"	200	8"	120	4 5/7"	206917	8,69
TEFE-300 300X120X2	300	12"	300	12"	120	4 5/7"	206918	9,67
TEFE-300 400X120X2	300	12"	400	16"	120	4 5/7"	206919	11,24
TEFE-300 500X120X2	300	12"	500	20"	120	4 5/7"	206920	12,33
TEFE-300 600X120X2	300	12"	600	24"	120	4 5/7"	206921	13,42
TEFE-300 150X150X2	300	12"	150	6"	150	6"	206922	9,61
TEFE-300 200X150X2	300	12"	200	8"	150	6"	206923	10,13
TEFE-300 300X150X2	300	12"	300	12"	150	6"	206924	11,15
TEFE-300 400X150X2	300	12"	400	16"	150	6"	206925	12,78
TEFE-300 500X150X2	300	12"	500	20"	150	6"	206926	13,92
TEFE-300 600X150X2	300	12"	600	24"	150	6"	206927	15,06



4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



TEFE H75/100/120

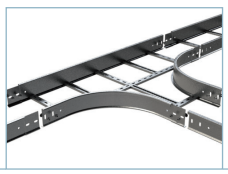


TEFE H150

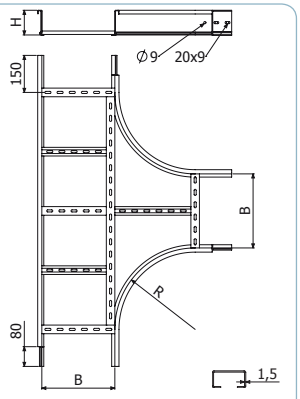
TEFE-600



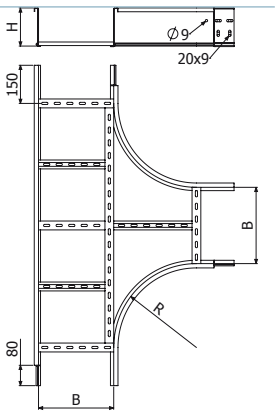
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEFE-600 100X75X2	600	24"	100	4"	75	3"	215861	9,45
TEFE-600 150X75X2	600	24"	150	6"	75	3"	215862	9,97
TEFE-600 200X75X2	600	24"	200	8"	75	3"	215863	10,49
TEFE-600 300X75X2	600	24"	300	12"	75	3"	215864	11,52
TEFE-600 400X75X2	600	24"	400	16"	75	3"	215865	12,90
TEFE-600 500X75X2	600	24"	500	20"	75	3"	215866	14,02
TEFE-600 600X75X2	600	24"	600	24"	75	3"	215867	15,65
TEFE-600 100X100X2	600	24"	100	4"	100	4"	215868	11,09
TEFE-600 150X100X2	600	24"	150	6"	100	4"	215869	11,62
TEFE-600 200X100X2	600	24"	200	8"	100	4"	215870	12,16
TEFE-600 300X100X2	600	24"	300	12"	100	4"	215871	13,24
TEFE-600 400X100X2	600	24"	400	16"	100	4"	215872	14,65
TEFE-600 500X100X2	600	24"	500	20"	100	4"	215873	15,81
TEFE-600 600X100X2	600	24"	600	24"	100	4"	215874	17,48
TEFE-600 150X120X2	600	24"	150	6"	120	4 5/7"	215875	13,53
TEFE-600 200X120X2	600	24"	200	8"	120	4 5/7"	215876	14,18
TEFE-600 300X120X2	600	24"	300	12"	120	4 5/7"	215877	15,49
TEFE-600 400X120X2	600	24"	400	16"	120	4 5/7"	215878	17,23
TEFE-600 500X120X2	600	24"	500	20"	120	4 5/7"	215879	18,64
TEFE-600 600X120X2	600	24"	600	24"	120	4 5/7"	215880	20,69
TEFE-600 150X150X2	600	24"	150	6"	150	6"	215881	15,51
TEFE-600 200X150X2	600	24"	200	8"	150	6"	215882	16,19
TEFE-600 300X150X2	600	24"	300	12"	150	6"	215883	17,55
TEFE-600 400X150X2	600	24"	400	16"	150	6"	215884	19,33
TEFE-600 500X150X2	600	24"	500	20"	150	6"	215885	20,80
TEFE-600 600X150X2	600	24"	600	24"	150	6"	215886	22,89



4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



TEFE H75/100/120

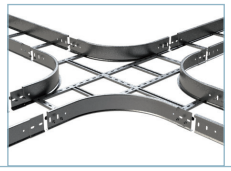


TEFE H150

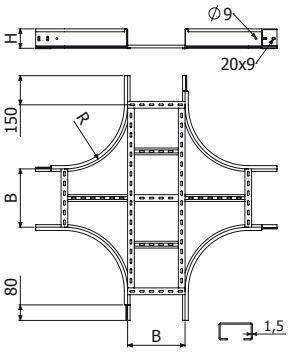
CRFE-300



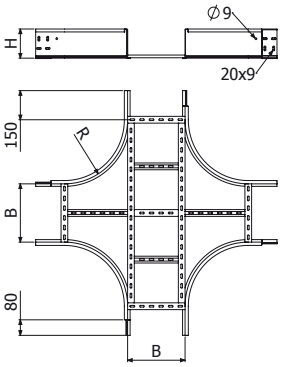
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRFE-300 100X75X2	300	12"	100	4"	75	3"	200951	6,54
CRFE-300 150X75X2	300	12"	150	6"	75	3"	200952	6,75
CRFE-300 200X75X2	300	12"	200	8"	75	3"	200953	7,07
CRFE-300 300X75X2	300	12"	300	12"	75	3"	200954	9,90
CRFE-300 400X75X2	300	12"	400	16"	75	3"	200955	10,71
CRFE-300 500X75X2	300	12"	500	20"	75	3"	200956	11,44
CRFE-300 600X75X2	300	12"	600	24"	75	3"	200957	15,01
CRFE-300 100X100X2	300	12"	100	4"	100	4"	200958	7,85
CRFE-300 150X100X2	300	12"	150	6"	100	4"	200959	8,15
CRFE-300 200X100X2	300	12"	200	8"	100	4"	200960	8,47
CRFE-300 300X100X2	300	12"	300	12"	100	4"	200961	11,29
CRFE-300 400X100X2	300	12"	400	16"	100	4"	200962	12,11
CRFE-300 500X100X2	300	12"	500	20"	100	4"	200963	12,84
CRFE-300 600X100X2	300	12"	600	24"	100	4"	200964	16,40
CRFE-300 150X120X2	300	12"	150	6"	120	4 5/7"	206928	9,62
CRFE-300 200X120X2	300	12"	200	8"	120	4 5/7"	206929	10,04
CRFE-300 300X120X2	300	12"	300	12"	120	4 5/7"	206930	13,81
CRFE-300 400X120X2	300	12"	400	16"	120	4 5/7"	206931	14,90
CRFE-300 500X120X2	300	12"	500	20"	120	4 5/7"	206932	15,87
CRFE-300 600X120X2	300	12"	600	24"	120	4 5/7"	206933	20,62
CRFE-300 150X150X2	300	12"	150	6"	150	6"	206934	11,30
CRFE-300 200X150X2	300	12"	200	8"	150	6"	206935	11,72
CRFE-300 300X150X2	300	12"	300	12"	150	6"	206936	15,49
CRFE-300 400X150X2	300	12"	400	16"	150	6"	206937	16,57
CRFE-300 500X150X2	300	12"	500	20"	150	6"	206938	17,55
CRFE-300 600X150X2	300	12"	600	24"	150	6"	206939	22,30



4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



CRFE H75/100/120

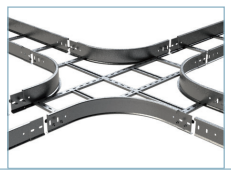


CRFE H150

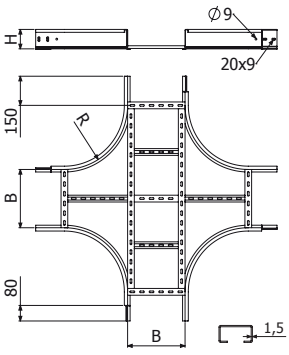
CRFE-600



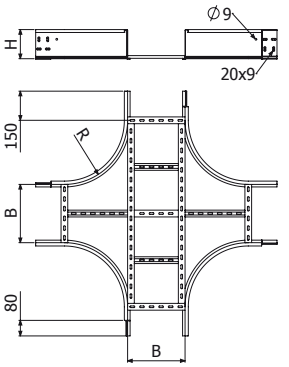
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRFE-600 100X75X2	600	24"	100	4"	75	3"	215887	12,47
CRFE-600 150X75X2	600	24"	150	6"	75	3"	215888	13,03
CRFE-600 200X75X2	600	24"	200	8"	75	3"	215889	13,58
CRFE-600 300X75X2	600	24"	300	12"	75	3"	215890	14,69
CRFE-600 400X75X2	600	24"	400	16"	75	3"	215891	16,14
CRFE-600 500X75X2	600	24"	500	20"	75	3"	215892	17,33
CRFE-600 600X75X2	600	24"	600	24"	75	3"	215893	19,03
CRFE-600 100X100X2	600	24"	100	4"	100	4"	215894	14,46
CRFE-600 150X100X2	600	24"	150	6"	100	4"	215895	15,01
CRFE-600 200X100X2	600	24"	200	8"	100	4"	215896	15,57
CRFE-600 300X100X2	600	24"	300	12"	100	4"	215897	16,68
CRFE-600 400X100X2	600	24"	400	16"	100	4"	215898	18,12
CRFE-600 500X100X2	600	24"	500	20"	100	4"	215899	19,32
CRFE-600 600X100X2	600	24"	600	24"	100	4"	215900	21,02
CRFE-600 150X120X2	600	24"	150	6"	120	4 5/7"	215901	17,55
CRFE-600 200X120X2	600	24"	200	8"	120	4 5/7"	215902	18,24
CRFE-600 300X120X2	600	24"	300	12"	120	4 5/7"	215903	19,61
CRFE-600 400X120X2	600	24"	400	16"	120	4 5/7"	215904	21,41
CRFE-600 500X120X2	600	24"	500	20"	120	4 5/7"	215905	22,89
CRFE-600 600X120X2	600	24"	600	24"	120	4 5/7"	215906	25,00
CRFE-600 150X150X2	600	24"	150	6"	150	6"	215907	19,94
CRFE-600 200X150X2	600	24"	200	8"	150	6"	215908	20,63
CRFE-600 300X150X2	600	24"	300	12"	150	6"	215909	22,00
CRFE-600 400X150X2	600	24"	400	16"	150	6"	215910	23,79
CRFE-600 500X150X2	600	24"	500	20"	150	6"	215911	25,27
CRFE-600 600X150X2	600	24"	600	24"	150	6"	215912	27,38



4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



CRFE H75/100/120



CRFE H150

CPF2E30-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E30-300 100X100X2	30	300	12"	100	4"	100	4"	215920	2,30
CPF2E30-300 150X100X2	30	300	12"	150	6"	100	4"	215921	2,50
CPF2E30-300 200X100X2	30	300	12"	200	8"	100	4"	215922	2,71
CPF2E30-300 300X100X2	30	300	12"	300	12"	100	4"	215923	3,12
CPF2E30-300 400X100X2	30	300	12"	400	16"	100	4"	215924	3,54
CPF2E30-300 500X100X2	30	300	12"	500	20"	100	4"	215925	3,95
CPF2E30-300 600X100X2	30	300	12"	600	24"	100	4"	215926	4,36
CPF2E30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	215927	2,98
CPF2E30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	215928	3,20
CPF2E30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	215929	3,64
CPF2E30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	215930	4,07
CPF2E30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	215931	4,51
CPF2E30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	215932	4,95
CPF2E30-300 150X150X2	30	300	12"	150	6"	150	6"	215933	3,46
CPF2E30-300 200X150X2	30	300	12"	200	8"	150	6"	215934	3,69
CPF2E30-300 300X150X2	30	300	12"	300	12"	150	6"	215935	4,15
CPF2E30-300 400X150X2	30	300	12"	400	16"	150	6"	215936	4,61
CPF2E30-300 500X150X2	30	300	12"	500	20"	150	6"	215937	5,08
CPF2E30-300 600X150X2	30	300	12"	600	24"	150	6"	215938	5,54



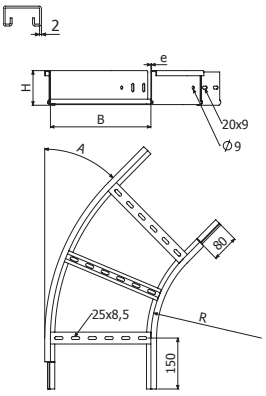
H75-H120



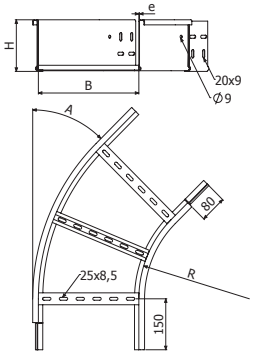
H150



4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

CPF2E45-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E45-300 100X100X2	45	300	12"	100	4"	100	4"	215946	2,83
CPF2E45-300 150X100X2	45	300	12"	150	6"	100	4"	215947	3,14
CPF2E45-300 200X100X2	45	300	12"	200	8"	100	4"	215948	3,45
CPF2E45-300 300X100X2	45	300	12"	300	12"	100	4"	215949	4,52
CPF2E45-300 400X100X2	45	300	12"	400	16"	100	4"	215950	5,29
CPF2E45-300 500X100X2	45	300	12"	500	20"	100	4"	215951	6,06
CPF2E45-300 600X100X2	45	300	12"	600	24"	100	4"	215952	6,83
CPF2E45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	215953	3,71
CPF2E45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	215954	4,04
CPF2E45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	215955	5,15
CPF2E45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	215956	5,96
CPF2E45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	215957	6,76
CPF2E45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	215958	7,57
CPF2E45-300 150X150X2	45	300	12"	150	6"	150	6"	215959	4,28
CPF2E45-300 200X150X2	45	300	12"	200	8"	150	6"	215960	4,63
CPF2E45-300 300X150X2	45	300	12"	300	12"	150	6"	215961	5,78
CPF2E45-300 400X150X2	45	300	12"	400	16"	150	6"	215962	6,62
CPF2E45-300 500X150X2	45	300	12"	500	20"	150	6"	215963	7,47
CPF2E45-300 600X150X2	45	300	12"	600	24"	150	6"	215964	8,31

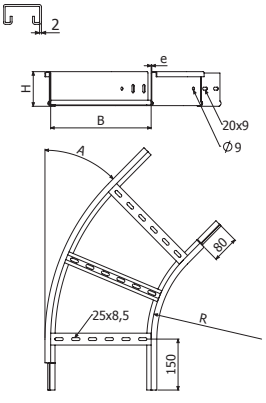


H75-H120

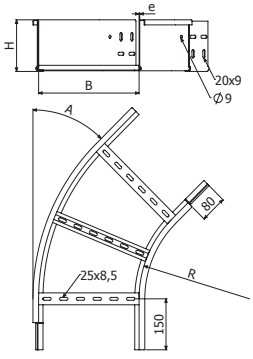


H150

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

CPF2E60-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E60-300 100X100X2	60	300	12"	100	4"	100	4"	215972	3,21
CPF2E60-300 150X100X2	60	300	12"	150	6"	100	4"	215973	3,54
CPF2E60-300 200X100X2	60	300	12"	200	8"	100	4"	215974	3,88
CPF2E60-300 300X100X2	60	300	12"	300	12"	100	4"	215975	5,01
CPF2E60-300 400X100X2	60	300	12"	400	16"	100	4"	215976	5,83
CPF2E60-300 500X100X2	60	300	12"	500	20"	100	4"	215977	6,66
CPF2E60-300 600X100X2	60	300	12"	600	24"	100	4"	215978	7,48
CPF2E60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	215979	4,21
CPF2E60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	215980	4,57
CPF2E60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	215981	5,75
CPF2E60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	215982	6,62
CPF2E60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	215983	7,50
CPF2E60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	215984	8,37
CPF2E60-300 150X150X2	60	300	12"	150	6"	150	6"	215985	4,87
CPF2E60-300 200X150X2	60	300	12"	200	8"	150	6"	215986	5,26
CPF2E60-300 300X150X2	60	300	12"	300	12"	150	6"	215987	6,49
CPF2E60-300 400X150X2	60	300	12"	400	16"	150	6"	215988	7,41
CPF2E60-300 500X150X2	60	300	12"	500	20"	150	6"	215989	8,34
CPF2E60-300 600X150X2	60	300	12"	600	24"	150	6"	215990	9,26



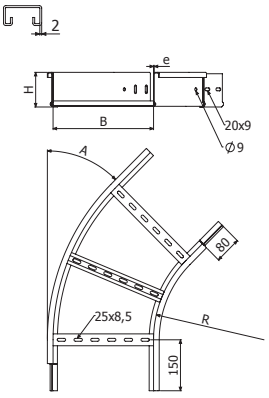
H75-H120



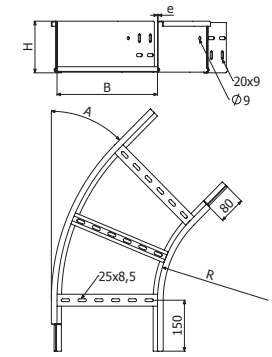
H150



4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



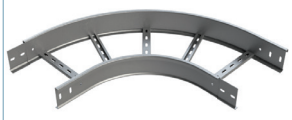
H75-H120



H150

CPF2E-300

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E-300 100X100X2	90	300	12"	100	4"	100	4"	215998	3,96
CPF2E-300 150X100X2	90	300	12"	150	6"	100	4"	215999	4,35
CPF2E-300 200X100X2	90	300	12"	200	8"	100	4"	216000	4,74
CPF2E-300 300X100X2	90	300	12"	300	12"	100	4"	216001	5,98
CPF2E-300 400X100X2	90	300	12"	400	16"	100	4"	216002	6,91
CPF2E-300 500X100X2	90	300	12"	500	20"	100	4"	216003	7,84
CPF2E-300 600X100X2	90	300	12"	600	24"	100	4"	216004	8,78
CPF2E-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	216005	5,21
CPF2E-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	216006	5,64
CPF2E-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	216007	6,95
CPF2E-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	216008	7,95
CPF2E-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	216009	8,96
CPF2E-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	216010	9,97
CPF2E-300 150X150X2	90	300	12"	150	6"	150	6"	216011	6,06
CPF2E-300 200X150X2	90	300	12"	200	8"	150	6"	216012	6,53
CPF2E-300 300X150X2	90	300	12"	300	12"	150	6"	216013	7,91
CPF2E-300 400X150X2	90	300	12"	400	16"	150	6"	216014	9,00
CPF2E-300 500X150X2	90	300	12"	500	20"	150	6"	216015	10,08
CPF2E-300 600X150X2	90	300	12"	600	24"	150	6"	216016	11,16

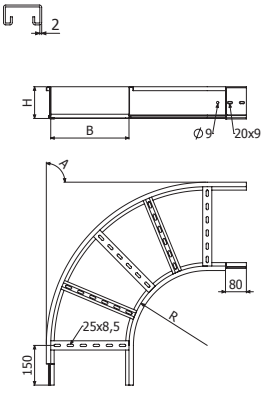


H75-H120

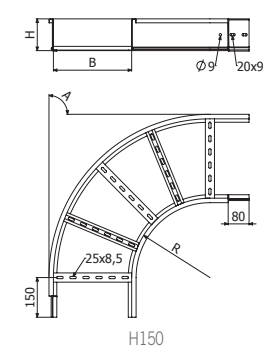


H150

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



H75-H120



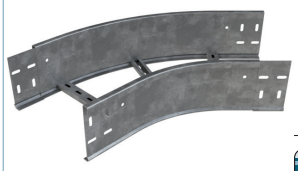
H150

CPF2E30-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E30-600 100X100X2	30	600	24"	100	4"	100	4"	216284	3,10
CPF2E30-600 150X100X2	30	600	24"	150	6"	100	4"	216285	3,38
CPF2E30-600 200X100X2	30	600	24"	200	8"	100	4"	216286	3,66
CPF2E30-600 300X100X2	30	600	24"	300	12"	100	4"	216287	4,23
CPF2E30-600 400X100X2	30	600	24"	400	16"	100	4"	216288	4,79
CPF2E30-600 500X100X2	30	600	24"	500	20"	100	4"	216289	5,36
CPF2E30-600 600X100X2	30	600	24"	600	24"	100	4"	216290	5,92
CPF2E30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	216291	4,01
CPF2E30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	216292	4,30
CPF2E30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	216293	4,89
CPF2E30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	216294	5,48
CPF2E30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	216295	6,07
CPF2E30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	216296	6,66
CPF2E30-600 150X150X2	30	600	24"	150	6"	150	6"	216297	4,64
CPF2E30-600 200X150X2	30	600	24"	200	8"	150	6"	216298	4,94
CPF2E30-600 300X150X2	30	600	24"	300	12"	150	6"	216299	5,56
CPF2E30-600 400X150X2	30	600	24"	400	16"	150	6"	216300	6,17
CPF2E30-600 500X150X2	30	600	24"	500	20"	150	6"	216301	6,79
CPF2E30-600 600X150X2	30	600	24"	600	24"	150	6"	216302	7,40



H75-H120



H150

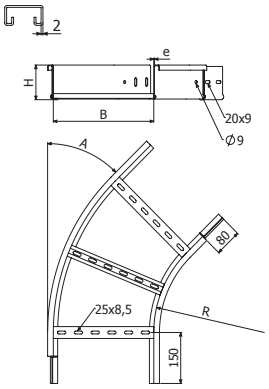




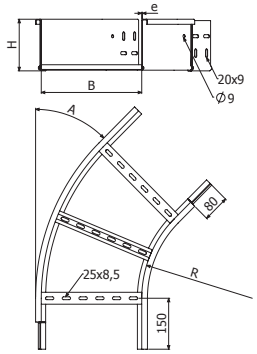


4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)





H75-H120



H150

CPF2E45-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E45-600 100X100X2	45	600	24"	100	4"	100	4"	216310	3,80
CPF2E45-600 150X100X2	45	600	24"	150	6"	100	4"	216311	4,11
CPF2E45-600 200X100X2	45	600	24"	200	8"	100	4"	216312	4,42
CPF2E45-600 300X100X2	45	600	24"	300	12"	100	4"	216313	5,04
CPF2E45-600 400X100X2	45	600	24"	400	16"	100	4"	216314	5,66
CPF2E45-600 500X100X2	45	600	24"	500	20"	100	4"	216315	7,03
CPF2E45-600 600X100X2	45	600	24"	600	24"	100	4"	216316	7,80
CPF2E45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	216317	4,91
CPF2E45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	216318	5,24
CPF2E45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	216319	5,89
CPF2E45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	216320	6,55
CPF2E45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	216321	7,96
CPF2E45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	216322	8,77
CPF2E45-600 150X150X2	45	600	24"	150	6"	150	6"	216323	5,70
CPF2E45-600 200X150X2	45	600	24"	200	8"	150	6"	216324	6,05
CPF2E45-600 300X150X2	45	600	24"	300	12"	150	6"	216325	6,74
CPF2E45-600 400X150X2	45	600	24"	400	16"	150	6"	216326	7,44
CPF2E45-600 500X150X2	45	600	24"	500	20"	150	6"	216327	8,89
CPF2E45-600 600X150X2	45	600	24"	600	24"	150	6"	216328	9,74



H75-H120



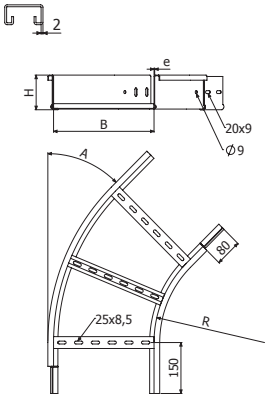
H150



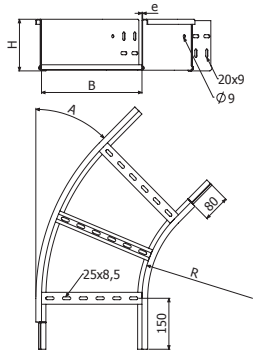


4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)





H75-H120



H150

CPF2E60-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E60-600 100X100X2	60	600	24"	100	4"	100	4"	216336	4,66
CPF2E60-600 150X100X2	60	600	24"	150	6"	100	4"	216337	5,07
CPF2E60-600 200X100X2	60	600	24"	200	8"	100	4"	216338	5,48
CPF2E60-600 300X100X2	60	600	24"	300	12"	100	4"	216339	6,30
CPF2E60-600 400X100X2	60	600	24"	400	16"	100	4"	216340	7,13
CPF2E60-600 500X100X2	60	600	24"	500	20"	100	4"	216341	7,95
CPF2E60-600 600X100X2	60	600	24"	600	24"	100	4"	216342	8,78
CPF2E60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	216343	6,03
CPF2E60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	216344	6,47
CPF2E60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	216345	7,35
CPF2E60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	216346	8,22
CPF2E60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	216347	9,10
CPF2E60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	216348	9,97
CPF2E60-600 150X150X2	60	600	24"	150	6"	150	6"	216349	7,00
CPF2E60-600 200X150X2	60	600	24"	200	8"	150	6"	216350	7,46
CPF2E60-600 300X150X2	60	600	24"	300	12"	150	6"	216351	8,39
CPF2E60-600 400X150X2	60	600	24"	400	16"	150	6"	216352	9,31
CPF2E60-600 500X150X2	60	600	24"	500	20"	150	6"	216353	10,24
CPF2E60-600 600X150X2	60	600	24"	600	24"	150	6"	216354	11,16



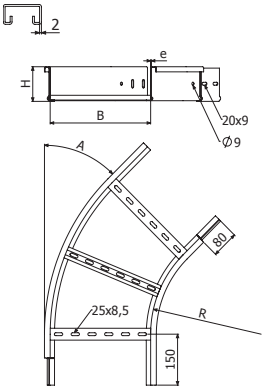
H75-H120



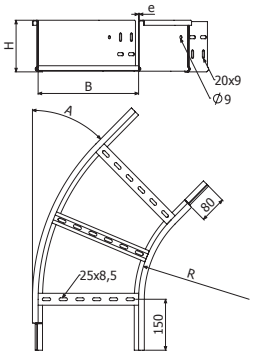
H150



4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



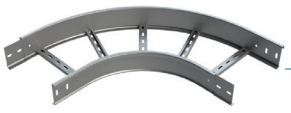
H75-H120



H150

CPF2E-600

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E-600 100X100X2	90	600	24"	100	4"	100	4"	216362	6,21
CPF2E-600 150X100X2	90	600	24"	150	6"	100	4"	216363	6,76
CPF2E-600 200X100X2	90	600	24"	200	8"	100	4"	216364	7,30
CPF2E-600 300X100X2	90	600	24"	300	12"	100	4"	216365	8,38
CPF2E-600 400X100X2	90	600	24"	400	16"	100	4"	216366	9,47
CPF2E-600 500X100X2	90	600	24"	500	20"	100	4"	216367	11,31
CPF2E-600 600X100X2	90	600	24"	600	24"	100	4"	216368	12,55
CPF2E-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	216369	8,06
CPF2E-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	216370	8,64
CPF2E-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	216371	9,80
CPF2E-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	216372	10,96
CPF2E-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	216373	12,88
CPF2E-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	216374	14,19
CPF2E-600 150X150X2	90	600	24"	150	6"	150	6"	216375	9,37
CPF2E-600 200X150X2	90	600	24"	200	8"	150	6"	216376	9,98
CPF2E-600 300X150X2	90	600	24"	300	12"	150	6"	216377	11,22
CPF2E-600 400X150X2	90	600	24"	400	16"	150	6"	216378	12,45
CPF2E-600 500X150X2	90	600	24"	500	20"	150	6"	216379	14,45
CPF2E-600 600X150X2	90	600	24"	600	24"	150	6"	216380	15,84

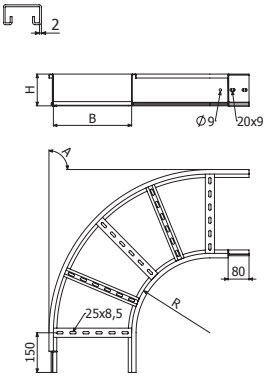


H75-H120

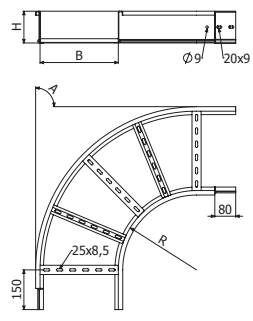


H150

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

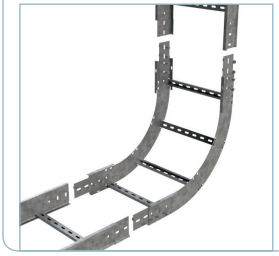
CCF2E30-300



H75-H120

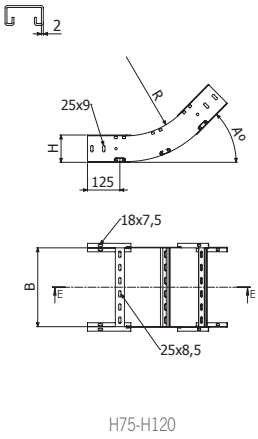


H150

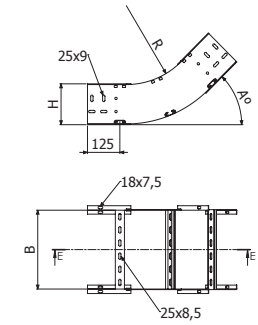


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E30-300 100X100X2	30	300	12"	100	4"	100	4"	216024	2,18
CCF2E30-300 150X100X2	30	300	12"	150	6"	100	4"	216025	2,33
CCF2E30-300 200X100X2	30	300	12"	200	8"	100	4"	216026	2,48
CCF2E30-300 300X100X2	30	300	12"	300	12"	100	4"	216027	2,78
CCF2E30-300 400X100X2	30	300	12"	400	16"	100	4"	216028	3,09
CCF2E30-300 500X100X2	30	300	12"	500	20"	100	4"	216029	3,39
CCF2E30-300 600X100X2	30	300	12"	600	24"	100	4"	216030	3,70
CCF2E30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	216031	2,66
CCF2E30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	216032	2,81
CCF2E30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	216033	3,11
CCF2E30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	216034	3,42
CCF2E30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	216035	3,72
CCF2E30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	216036	4,03
CCF2E30-300 150X150X2	30	300	12"	150	6"	150	6"	216037	3,16
CCF2E30-300 200X150X2	30	300	12"	200	8"	150	6"	216038	3,32
CCF2E30-300 300X150X2	30	300	12"	300	12"	150	6"	216039	3,62
CCF2E30-300 400X150X2	30	300	12"	400	16"	150	6"	216040	3,92
CCF2E30-300 500X150X2	30	300	12"	500	20"	150	6"	216041	4,23
CCF2E30-300 600X150X2	30	300	12"	600	24"	150	6"	216042	4,53

2 x JUFE



H75-H120



H150

CCF2E45-300



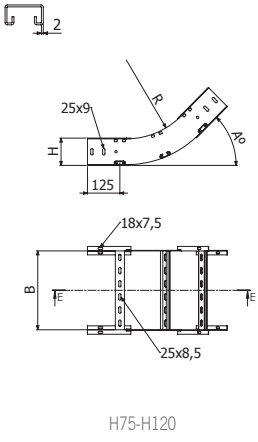
H75-H120



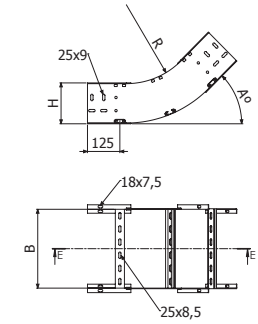
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E45-300 100X100X2	45	300	12"	100	4"	100	4"	216050	2,62
CCF2E45-300 150X100X2	45	300	12"	150	6"	100	4"	216051	2,85
CCF2E45-300 200X100X2	45	300	12"	200	8"	100	4"	216052	3,08
CCF2E45-300 300X100X2	45	300	12"	300	12"	100	4"	216053	3,53
CCF2E45-300 400X100X2	45	300	12"	400	16"	100	4"	216054	3,99
CCF2E45-300 500X100X2	45	300	12"	500	20"	100	4"	216055	4,45
CCF2E45-300 600X100X2	45	300	12"	600	24"	100	4"	216056	4,90
CCF2E45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	216057	3,25
CCF2E45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	216058	3,48
CCF2E45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	216059	3,93
CCF2E45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	216060	4,39
CCF2E45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	216061	4,84
CCF2E45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	216062	5,30
CCF2E45-300 150X150X2	45	300	12"	150	6"	150	6"	216063	3,86
CCF2E45-300 200X150X2	45	300	12"	200	8"	150	6"	216064	4,09
CCF2E45-300 300X150X2	45	300	12"	300	12"	150	6"	216065	4,55
CCF2E45-300 400X150X2	45	300	12"	400	16"	150	6"	216066	5,00
CCF2E45-300 500X150X2	45	300	12"	500	20"	150	6"	216067	5,46
CCF2E45-300 600X150X2	45	300	12"	600	24"	150	6"	216068	5,92

2 x JUFE



H75-H120



H150

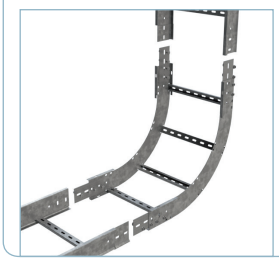
CCF2E60-300



H75-H120

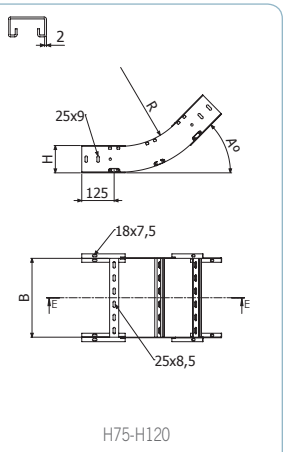


H150

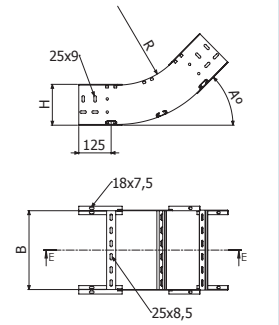


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E60-300 100X100X2	60	300	12"	100	4"	100	4"	216076	2,92
CCF2E60-300 150X100X2	60	300	12"	150	6"	100	4"	216077	3,14
CCF2E60-300 200X100X2	60	300	12"	200	8"	100	4"	216078	3,37
CCF2E60-300 300X100X2	60	300	12"	300	12"	100	4"	216079	3,83
CCF2E60-300 400X100X2	60	300	12"	400	16"	100	4"	216080	4,28
CCF2E60-300 500X100X2	60	300	12"	500	20"	100	4"	216081	4,74
CCF2E60-300 600X100X2	60	300	12"	600	24"	100	4"	216082	5,20
CCF2E60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	216083	3,61
CCF2E60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	216084	3,84
CCF2E60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	216085	4,29
CCF2E60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	216086	4,75
CCF2E60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	216087	5,21
CCF2E60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	216088	5,66
CCF2E60-300 150X150X2	60	300	12"	150	6"	150	6"	216089	4,34
CCF2E60-300 200X150X2	60	300	12"	200	8"	150	6"	216090	4,56
CCF2E60-300 300X150X2	60	300	12"	300	12"	150	6"	216091	5,02
CCF2E60-300 400X150X2	60	300	12"	400	16"	150	6"	216092	5,48
CCF2E60-300 500X150X2	60	300	12"	500	20"	150	6"	216093	5,93
CCF2E60-300 600X150X2	60	300	12"	600	24"	150	6"	216094	6,39

2 x JUFE



H75-H120

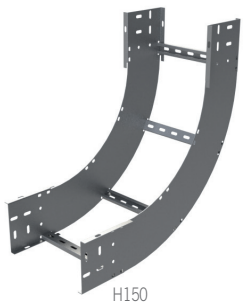


H150

CCF2E-300



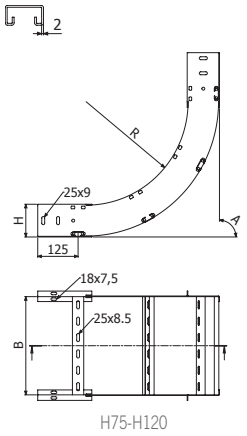
H75-H120



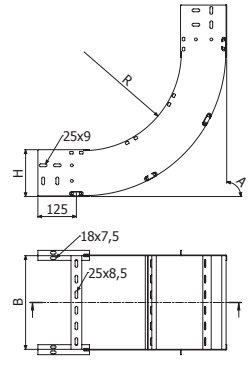
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E-300 100X100X2	90	300	12"	100	4"	100	4"	216102	3,65
CCF2E-300 150X100X2	90	300	12"	150	6"	100	4"	216103	3,96
CCF2E-300 200X100X2	90	300	12"	200	8"	100	4"	216104	4,26
CCF2E-300 300X100X2	90	300	12"	300	12"	100	4"	216105	4,87
CCF2E-300 400X100X2	90	300	12"	400	16"	100	4"	216106	5,48
CCF2E-300 500X100X2	90	300	12"	500	20"	100	4"	216107	6,09
CCF2E-300 600X100X2	90	300	12"	600	24"	100	4"	216108	6,69
CCF2E-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	216109	4,56
CCF2E-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	216110	4,87
CCF2E-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	216111	5,47
CCF2E-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	216112	6,08
CCF2E-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	216113	6,69
CCF2E-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	216114	7,30
CCF2E-300 150X150X2	90	300	12"	150	6"	150	6"	216115	5,51
CCF2E-300 200X150X2	90	300	12"	200	8"	150	6"	216116	5,81
CCF2E-300 300X150X2	90	300	12"	300	12"	150	6"	216117	6,42
CCF2E-300 400X150X2	90	300	12"	400	16"	150	6"	216118	7,03
CCF2E-300 500X150X2	90	300	12"	500	20"	150	6"	216119	7,63
CCF2E-300 600X150X2	90	300	12"	600	24"	150	6"	216120	8,24

2 x JUFE



H75-H120



H150

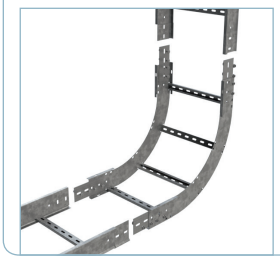
CCF2E30-600



H75-H120

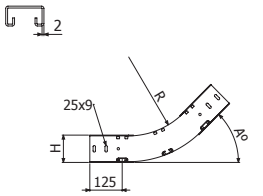


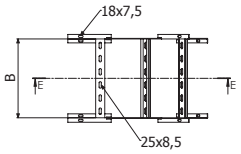
H150



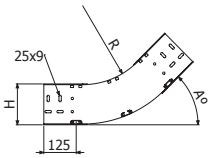
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E30-600 100X100X2	30	600	24"	100	4"	100	4"	216388	2,83
CCF2E30-600 150X100X2	30	600	24"	150	6"	100	4"	216389	3,06
CCF2E30-600 200X100X2	30	600	24"	200	8"	100	4"	216390	3,29
CCF2E30-600 300X100X2	30	600	24"	300	12"	100	4"	216391	3,74
CCF2E30-600 400X100X2	30	600	24"	400	16"	100	4"	216392	4,20
CCF2E30-600 500X100X2	30	600	24"	500	20"	100	4"	216393	4,66
CCF2E30-600 600X100X2	30	600	24"	600	24"	100	4"	216394	5,11
CCF2E30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	216395	3,49
CCF2E30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	216396	3,72
CCF2E30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	216397	4,17
CCF2E30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	216398	4,63
CCF2E30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	216399	5,09
CCF2E30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	216400	5,54
CCF2E30-600 150X150X2	30	600	24"	150	6"	150	6"	216401	4,15
CCF2E30-600 200X150X2	30	600	24"	200	8"	150	6"	216402	4,37
CCF2E30-600 300X150X2	30	600	24"	300	12"	150	6"	216403	4,83
CCF2E30-600 400X150X2	30	600	24"	400	16"	150	6"	216404	5,29
CCF2E30-600 500X150X2	30	600	24"	500	20"	150	6"	216405	5,74
CCF2E30-600 600X150X2	30	600	24"	600	24"	150	6"	216406	6,20

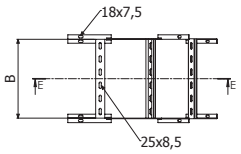
2 x JUFE





H75-H120





H150

CCF2E45-600



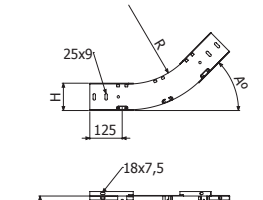
H75-H120

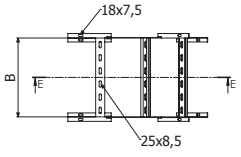


H150

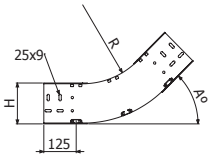
	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E45-600 100X100X2	45	600	24"	100	4"	100	4"	216414	3,53
CCF2E45-600 150X100X2	45	600	24"	150	6"	100	4"	216415	3,83
CCF2E45-600 200X100X2	45	600	24"	200	8"	100	4"	216416	4,14
CCF2E45-600 300X100X2	45	600	24"	300	12"	100	4"	216417	4,74
CCF2E45-600 400X100X2	45	600	24"	400	16"	100	4"	216418	5,35
CCF2E45-600 500X100X2	45	600	24"	500	20"	100	4"	216419	5,96
CCF2E45-600 600X100X2	45	600	24"	600	24"	100	4"	216420	6,57
CCF2E45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	216421	4,38
CCF2E45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	216422	4,68
CCF2E45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	216423	5,29
CCF2E45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	216424	5,90
CCF2E45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	216425	6,51
CCF2E45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	216426	7,12
CCF2E45-600 150X150X2	45	600	24"	150	6"	150	6"	216427	5,22
CCF2E45-600 200X150X2	45	600	24"	200	8"	150	6"	216428	5,53
CCF2E45-600 300X150X2	45	600	24"	300	12"	150	6"	216429	6,14
CCF2E45-600 400X150X2	45	600	24"	400	16"	150	6"	216430	6,74
CCF2E45-600 500X150X2	45	600	24"	500	20"	150	6"	216431	7,35
CCF2E45-600 600X150X2	45	600	24"	600	24"	150	6"	216432	7,96

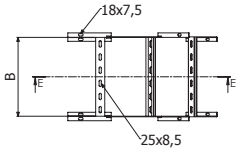
2 x JUFE





H75-H120





H150

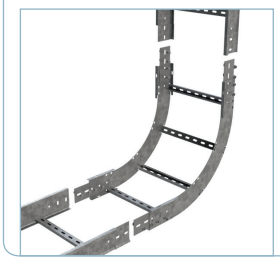
CCF2E60-600



H75-H120

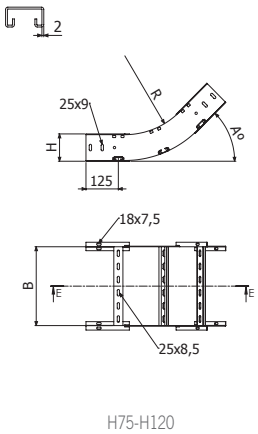


H150

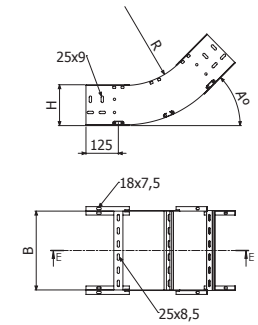


	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E60-600 100X100X2	60	600	24"	100	4"	100	4"	216440	4,07
CCF2E60-600 150X100X2	60	600	24"	150	6"	100	4"	216441	4,38
CCF2E60-600 200X100X2	60	600	24"	200	8"	100	4"	216442	4,68
CCF2E60-600 300X100X2	60	600	24"	300	12"	100	4"	216443	5,29
CCF2E60-600 400X100X2	60	600	24"	400	16"	100	4"	216444	5,90
CCF2E60-600 500X100X2	60	600	24"	500	20"	100	4"	216445	6,50
CCF2E60-600 600X100X2	60	600	24"	600	24"	100	4"	216446	7,11
CCF2E60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	216447	5,04
CCF2E60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	216448	5,35
CCF2E60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	216449	5,96
CCF2E60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	216450	6,56
CCF2E60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	216451	7,17
CCF2E60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	216452	7,78
CCF2E60-600 150X150X2	60	600	24"	150	6"	150	6"	216453	6,30
CCF2E60-600 200X150X2	60	600	24"	200	8"	150	6"	216454	6,68
CCF2E60-600 300X150X2	60	600	24"	300	12"	150	6"	216455	7,44
CCF2E60-600 400X150X2	60	600	24"	400	16"	150	6"	216456	8,20
CCF2E60-600 500X150X2	60	600	24"	500	20"	150	6"	216457	8,96
CCF2E60-600 600X150X2	60	600	24"	600	24"	150	6"	216458	9,72

2 x JUFE



H75-H120



H150

CCF2E-600



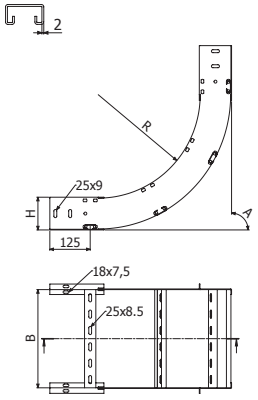
H75-H120



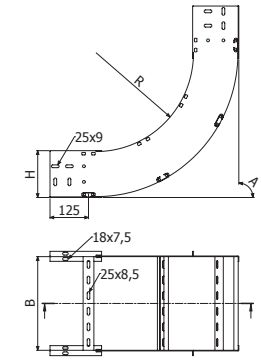
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E-600 100X100X2	90	600	24"	100	4"	100	4"	216466	5,47
CCF2E-600 150X100X2	90	600	24"	150	6"	100	4"	216467	5,92
CCF2E-600 200X100X2	90	600	24"	200	8"	100	4"	216468	6,38
CCF2E-600 300X100X2	90	600	24"	300	12"	100	4"	216469	7,29
CCF2E-600 400X100X2	90	600	24"	400	16"	100	4"	216470	8,20
CCF2E-600 500X100X2	90	600	24"	500	20"	100	4"	216471	9,11
CCF2E-600 600X100X2	90	600	24"	600	24"	100	4"	216472	10,03
CCF2E-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	216473	6,83
CCF2E-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	216474	7,28
CCF2E-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	216475	8,20
CCF2E-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	216476	9,11
CCF2E-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	216477	10,02
CCF2E-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	216478	10,93
CCF2E-600 150X150X2	90	600	24"	150	6"	150	6"	216479	8,22
CCF2E-600 200X150X2	90	600	24"	200	8"	150	6"	216480	8,68
CCF2E-600 300X150X2	90	600	24"	300	12"	150	6"	216481	9,59
CCF2E-600 400X150X2	90	600	24"	400	16"	150	6"	216482	10,50
CCF2E-600 500X150X2	90	600	24"	500	20"	150	6"	216483	11,42
CCF2E-600 600X150X2	90	600	24"	600	24"	150	6"	216484	12,33

2 x JUFE



H75-H120



H150

CXF2E30-300



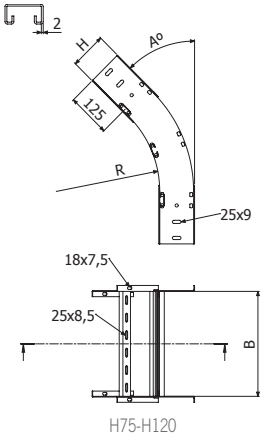
H75-H120



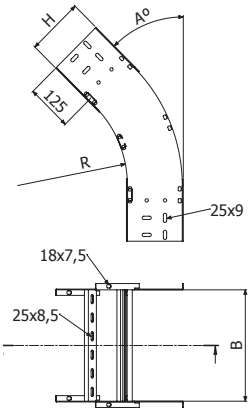
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E30-300 100X100X2	30	300	12"	100	4"	100	4"	216128	2,18
CXF2E30-300 150X100X2	30	300	12"	150	6"	100	4"	216129	2,33
CXF2E30-300 200X100X2	30	300	12"	200	8"	100	4"	216130	2,48
CXF2E30-300 300X100X2	30	300	12"	300	12"	100	4"	216131	2,78
CXF2E30-300 400X100X2	30	300	12"	400	16"	100	4"	216132	3,09
CXF2E30-300 500X100X2	30	300	12"	500	20"	100	4"	216133	3,39
CXF2E30-300 600X100X2	30	300	12"	600	24"	100	4"	216134	3,70
CXF2E30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	216135	2,66
CXF2E30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	216136	2,81
CXF2E30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	216137	3,11
CXF2E30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	216138	3,42
CXF2E30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	216139	3,72
CXF2E30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	216140	4,03
CXF2E30-300 150X150X2	30	300	12"	150	6"	150	6"	216141	3,16
CXF2E30-300 200X150X2	30	300	12"	200	8"	150	6"	216142	3,32
CXF2E30-300 300X150X2	30	300	12"	300	12"	150	6"	216143	3,62
CXF2E30-300 400X150X2	30	300	12"	400	16"	150	6"	216144	3,92
CXF2E30-300 500X150X2	30	300	12"	500	20"	150	6"	216145	4,23
CXF2E30-300 600X150X2	30	300	12"	600	24"	150	6"	216146	4,53

2 x JUFE



H75-H120



H150

CXF2E45-300



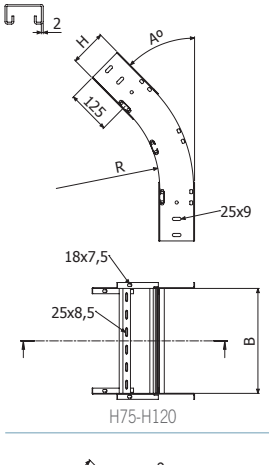
H75-H120



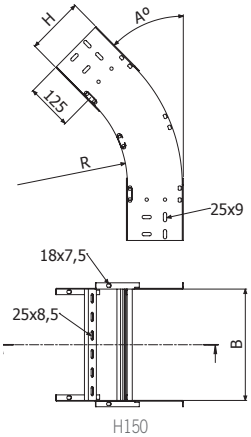
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E45-300 100X100X2	45	300	12"	100	4"	100	4"	216154	2,47
CXF2E45-300 150X100X2	45	300	12"	150	6"	100	4"	216155	2,62
CXF2E45-300 200X100X2	45	300	12"	200	8"	100	4"	216156	2,77
CXF2E45-300 300X100X2	45	300	12"	300	12"	100	4"	216157	3,08
CXF2E45-300 400X100X2	45	300	12"	400	16"	100	4"	216158	3,38
CXF2E45-300 500X100X2	45	300	12"	500	20"	100	4"	216159	3,69
CXF2E45-300 600X100X2	45	300	12"	600	24"	100	4"	216160	3,99
CXF2E45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	216161	3,02
CXF2E45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	216162	3,17
CXF2E45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	216163	3,48
CXF2E45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	216164	3,78
CXF2E45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	216165	4,08
CXF2E45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	216166	4,39
CXF2E45-300 150X150X2	45	300	12"	150	6"	150	6"	216167	3,64
CXF2E45-300 200X150X2	45	300	12"	200	8"	150	6"	216168	3,79
CXF2E45-300 300X150X2	45	300	12"	300	12"	150	6"	216169	4,09
CXF2E45-300 400X150X2	45	300	12"	400	16"	150	6"	216170	4,40
CXF2E45-300 500X150X2	45	300	12"	500	20"	150	6"	216171	4,70
CXF2E45-300 600X150X2	45	300	12"	600	24"	150	6"	216172	5,00

2 x JUFE



H75-H120



H150

CXF2E60-300



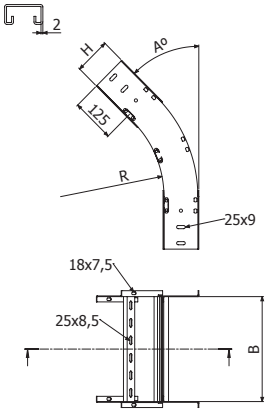
H75-H120



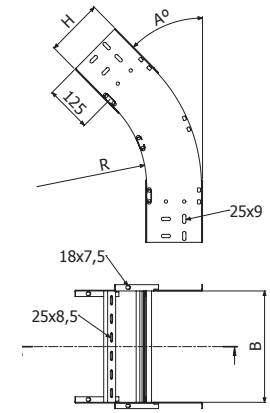
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E60-300 100X100X2	60	300	12"	100	4"	100	4"	216180	2,92
CXF2E60-300 150X100X2	60	300	12"	150	6"	100	4"	216181	3,14
CXF2E60-300 200X100X2	60	300	12"	200	8"	100	4"	216182	3,37
CXF2E60-300 300X100X2	60	300	12"	300	12"	100	4"	216183	3,83
CXF2E60-300 400X100X2	60	300	12"	400	16"	100	4"	216184	4,28
CXF2E60-300 500X100X2	60	300	12"	500	20"	100	4"	216185	4,74
CXF2E60-300 600X100X2	60	300	12"	600	24"	100	4"	216186	5,20
CXF2E60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	216187	3,61
CXF2E60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	216188	3,84
CXF2E60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	216189	4,29
CXF2E60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	216190	4,75
CXF2E60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	216191	5,21
CXF2E60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	216192	5,66
CXF2E60-300 150X150X2	60	300	12"	150	6"	150	6"	216193	4,34
CXF2E60-300 200X150X2	60	300	12"	200	8"	150	6"	216194	4,56
CXF2E60-300 300X150X2	60	300	12"	300	12"	150	6"	216195	5,02
CXF2E60-300 400X150X2	60	300	12"	400	16"	150	6"	216196	5,48
CXF2E60-300 500X150X2	60	300	12"	500	20"	150	6"	216197	5,93
CXF2E60-300 600X150X2	60	300	12"	600	24"	150	6"	216198	6,39

2 x JUFE



H75-H120

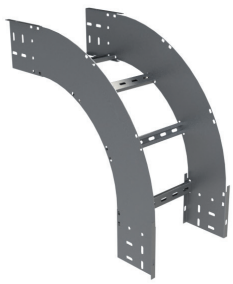


H150

CXF2E-300



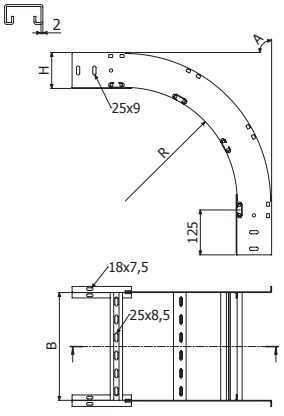
H75-H120



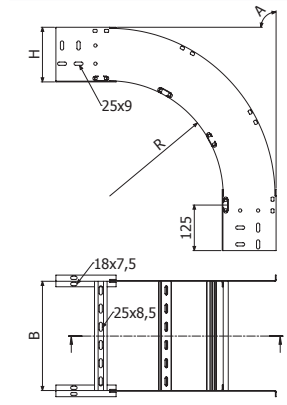
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E-300 100X100X2	90	300	12"	100	4"	100	4"	216206	3,50
CXF2E-300 150X100X2	90	300	12"	150	6"	100	4"	216207	3,73
CXF2E-300 200X100X2	90	300	12"	200	8"	100	4"	216208	3,96
CXF2E-300 300X100X2	90	300	12"	300	12"	100	4"	216209	4,41
CXF2E-300 400X100X2	90	300	12"	400	16"	100	4"	216210	4,87
CXF2E-300 500X100X2	90	300	12"	500	20"	100	4"	216211	5,33
CXF2E-300 600X100X2	90	300	12"	600	24"	100	4"	216212	5,78
CXF2E-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	216213	4,33
CXF2E-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	216214	4,56
CXF2E-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	216215	5,02
CXF2E-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	216216	5,47
CXF2E-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	216217	5,93
CXF2E-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	216218	6,39
CXF2E-300 150X150X2	90	300	12"	150	6"	150	6"	216219	5,28
CXF2E-300 200X150X2	90	300	12"	200	8"	150	6"	216220	5,51
CXF2E-300 300X150X2	90	300	12"	300	12"	150	6"	216221	5,96
CXF2E-300 400X150X2	90	300	12"	400	16"	150	6"	216222	6,42
CXF2E-300 500X150X2	90	300	12"	500	20"	150	6"	216223	6,87
CXF2E-300 600X150X2	90	300	12"	600	24"	150	6"	216224	7,33

2 x JUFE



H75-H120



H150

CXF2E30-600



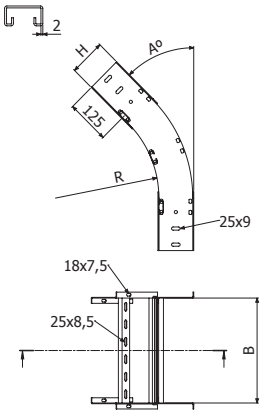
H75-H120



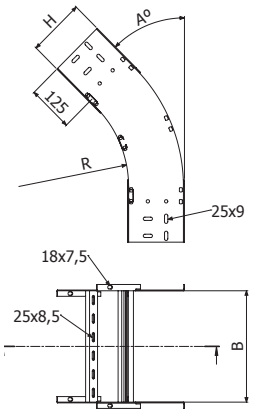
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E30-600 100X100X2	30	600	24"	100	4"	100	4"	216492	2,83
CXF2E30-600 150X100X2	30	600	24"	150	6"	100	4"	216493	3,06
CXF2E30-600 200X100X2	30	600	24"	200	8"	100	4"	216494	3,29
CXF2E30-600 300X100X2	30	600	24"	300	12"	100	4"	216495	3,74
CXF2E30-600 400X100X2	30	600	24"	400	16"	100	4"	216496	4,20
CXF2E30-600 500X100X2	30	600	24"	500	20"	100	4"	216497	4,66
CXF2E30-600 600X100X2	30	600	24"	600	24"	100	4"	216498	5,11
CXF2E30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	216499	3,49
CXF2E30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	216500	3,72
CXF2E30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	216501	4,17
CXF2E30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	216502	4,63
CXF2E30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	216503	5,09
CXF2E30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	216504	5,54
CXF2E30-600 150X150X2	30	600	24"	150	6"	150	6"	216505	4,15
CXF2E30-600 200X150X2	30	600	24"	200	8"	150	6"	216506	4,37
CXF2E30-600 300X150X2	30	600	24"	300	12"	150	6"	216507	4,83
CXF2E30-600 400X150X2	30	600	24"	400	16"	150	6"	216508	5,29
CXF2E30-600 500X150X2	30	600	24"	500	20"	150	6"	216509	5,74
CXF2E30-600 600X150X2	30	600	24"	600	24"	150	6"	216510	6,20

2 x JUFE



H75-H120



H150

CXF2E45-600



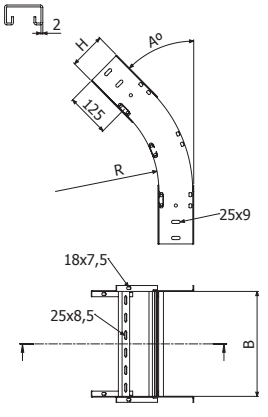
H75-H120



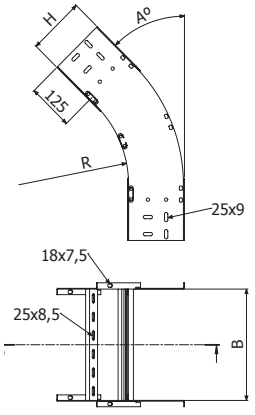
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E45-600 100X100X2	45	600	24"	100	4"	100	4"	216518	3,38
CXF2E45-600 150X100X2	45	600	24"	150	6"	100	4"	216519	3,60
CXF2E45-600 200X100X2	45	600	24"	200	8"	100	4"	216520	3,83
CXF2E45-600 300X100X2	45	600	24"	300	12"	100	4"	216521	4,29
CXF2E45-600 400X100X2	45	600	24"	400	16"	100	4"	216522	4,74
CXF2E45-600 500X100X2	45	600	24"	500	20"	100	4"	216523	5,20
CXF2E45-600 600X100X2	45	600	24"	600	24"	100	4"	216524	5,66
CXF2E45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	216525	4,15
CXF2E45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	216526	4,38
CXF2E45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	216527	4,84
CXF2E45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	216528	5,29
CXF2E45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	216529	5,75
CXF2E45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	216530	6,20
CXF2E45-600 150X150X2	45	600	24"	150	6"	150	6"	216531	5,00
CXF2E45-600 200X150X2	45	600	24"	200	8"	150	6"	216532	5,22
CXF2E45-600 300X150X2	45	600	24"	300	12"	150	6"	216533	5,68
CXF2E45-600 400X150X2	45	600	24"	400	16"	150	6"	216534	6,14
CXF2E45-600 500X150X2	45	600	24"	500	20"	150	6"	216535	6,59
CXF2E45-600 600X150X2	45	600	24"	600	24"	150	6"	216536	7,05

2 x JUFE



H75-H120



H150

CXF2E60-600



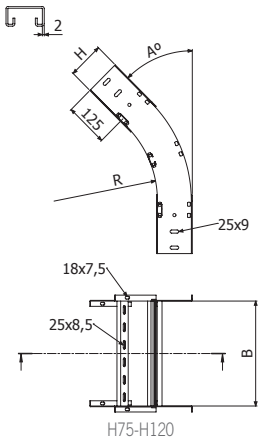
H75-H120



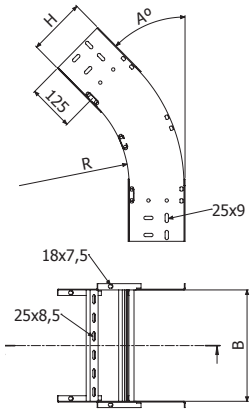
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E60-600 100X100X2	60	600	24"	100	4"	100	4"	216544	4,07
CXF2E60-600 150X100X2	60	600	24"	150	6"	100	4"	216545	4,38
CXF2E60-600 200X100X2	60	600	24"	200	8"	100	4"	216546	4,68
CXF2E60-600 300X100X2	60	600	24"	300	12"	100	4"	216547	5,29
CXF2E60-600 400X100X2	60	600	24"	400	16"	100	4"	216548	5,90
CXF2E60-600 500X100X2	60	600	24"	500	20"	100	4"	216549	6,50
CXF2E60-600 600X100X2	60	600	24"	600	24"	100	4"	216550	7,11
CXF2E60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	216551	5,04
CXF2E60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	216552	5,35
CXF2E60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	216553	5,96
CXF2E60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	216554	6,56
CXF2E60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	216555	7,17
CXF2E60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	216556	7,78
CXF2E60-600 150X150X2	60	600	24"	150	6"	150	6"	216557	6,07
CXF2E60-600 200X150X2	60	600	24"	200	8"	150	6"	216558	6,38
CXF2E60-600 300X150X2	60	600	24"	300	12"	150	6"	216559	6,98
CXF2E60-600 400X150X2	60	600	24"	400	16"	150	6"	216560	7,59
CXF2E60-600 500X150X2	60	600	24"	500	20"	150	6"	216561	8,20
CXF2E60-600 600X150X2	60	600	24"	600	24"	150	6"	216562	8,81

2 x JUFE



H75-H120

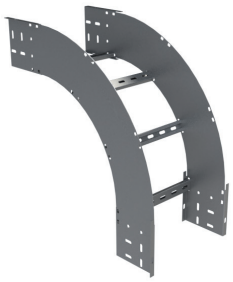


H150

CXF2E-600



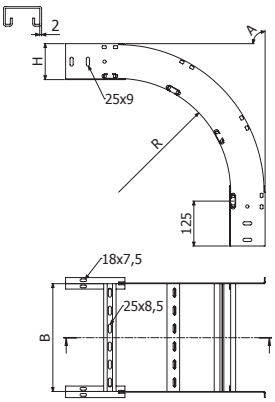
H75-H120



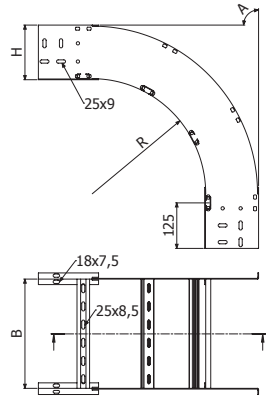
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E-600 100X100X2	90	600	24"	100	4"	100	4"	216570	5,31
CXF2E-600 150X100X2	90	600	24"	150	6"	100	4"	216571	5,69
CXF2E-600 200X100X2	90	600	24"	200	8"	100	4"	216572	6,07
CXF2E-600 300X100X2	90	600	24"	300	12"	100	4"	216573	6,83
CXF2E-600 400X100X2	90	600	24"	400	16"	100	4"	216574	7,59
CXF2E-600 500X100X2	90	600	24"	500	20"	100	4"	216575	8,35
CXF2E-600 600X100X2	90	600	24"	600	24"	100	4"	216576	9,11
CXF2E-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	216577	6,60
CXF2E-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	216578	6,98
CXF2E-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	216579	7,74
CXF2E-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	216580	8,50
CXF2E-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	216581	9,26
CXF2E-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	216582	10,02
CXF2E-600 150X150X2	90	600	24"	150	6"	150	6"	216583	8,00
CXF2E-600 200X150X2	90	600	24"	200	8"	150	6"	216584	8,38
CXF2E-600 300X150X2	90	600	24"	300	12"	150	6"	216585	9,14
CXF2E-600 400X150X2	90	600	24"	400	16"	150	6"	216586	9,90
CXF2E-600 500X150X2	90	600	24"	500	20"	150	6"	216587	10,66
CXF2E-600 600X150X2	90	600	24"	600	24"	150	6"	216588	11,42

2 x JUFE



H75-H120



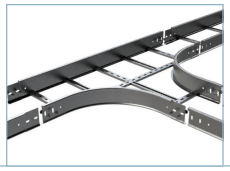
H150

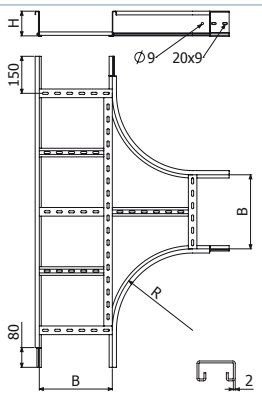
TEF2E-300



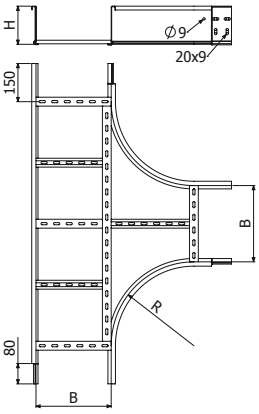
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEF2E-300 100X100X2	300	12"	100	4"	100	4"	216232	7,48
TEF2E-300 150X100X2	300	12"	150	6"	100	4"	216233	8,05
TEF2E-300 200X100X2	300	12"	200	8"	100	4"	216234	8,92
TEF2E-300 300X100X2	300	12"	300	12"	100	4"	216235	10,20
TEF2E-300 400X100X2	300	12"	400	16"	100	4"	216236	11,49
TEF2E-300 500X100X2	300	12"	500	20"	100	4"	216237	13,54
TEF2E-300 600X100X2	300	12"	600	24"	100	4"	216238	14,97
TEF2E-300 150X120X2	300	12"	150	6"	120	4 5/7"	216239	8,88
TEF2E-300 200X120X2	300	12"	200	8"	120	4 5/7"	216240	9,76
TEF2E-300 300X120X2	300	12"	300	12"	120	4 5/7"	216241	11,08
TEF2E-300 400X120X2	300	12"	400	16"	120	4 5/7"	216242	12,40
TEF2E-300 500X120X2	300	12"	500	20"	120	4 5/7"	216243	14,48
TEF2E-300 600X120X2	300	12"	600	24"	120	4 5/7"	216244	15,95
TEF2E-300 150X150X2	300	12"	150	6"	150	6"	216245	10,12
TEF2E-300 200X150X2	300	12"	200	8"	150	6"	216246	11,03
TEF2E-300 300X150X2	300	12"	300	12"	150	6"	216247	12,40
TEF2E-300 400X150X2	300	12"	400	16"	150	6"	216248	13,76
TEF2E-300 500X150X2	300	12"	500	20"	150	6"	216249	15,89
TEF2E-300 600X150X2	300	12"	600	24"	150	6"	216250	17,41

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)





TEF2E H75/100/120



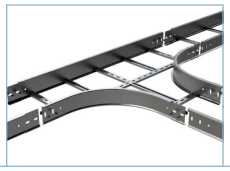
TEF2E H150

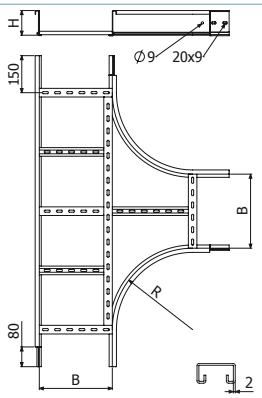
TEF2E-600



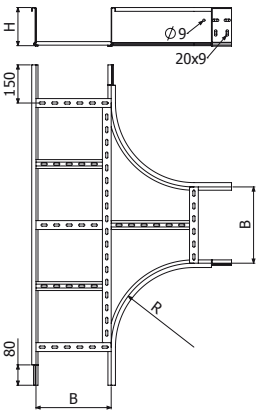
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEF2E-600 100X100X2	600	24"	100	4"	100	4"	216596	12,66
TEF2E-600 150X100X2	600	24"	150	6"	100	4"	216597	13,53
TEF2E-600 200X100X2	600	24"	200	8"	100	4"	216598	14,40
TEF2E-600 300X100X2	600	24"	300	12"	100	4"	216599	16,14
TEF2E-600 400X100X2	600	24"	400	16"	100	4"	216600	18,49
TEF2E-600 500X100X2	600	24"	500	20"	100	4"	216601	20,39
TEF2E-600 600X100X2	600	24"	600	24"	100	4"	216602	23,19
TEF2E-600 150X120X2	600	24"	150	6"	120	4 5/7"	216603	14,85
TEF2E-600 200X120X2	600	24"	200	8"	120	4 5/7"	216604	15,74
TEF2E-600 300X120X2	600	24"	300	12"	120	4 5/7"	216605	17,51
TEF2E-600 400X120X2	600	24"	400	16"	120	4 5/7"	216606	19,90
TEF2E-600 500X120X2	600	24"	500	20"	120	4 5/7"	216607	21,82
TEF2E-600 600X120X2	600	24"	600	24"	120	4 5/7"	216608	24,66
TEF2E-600 150X150X2	600	24"	150	6"	150	6"	216609	16,84
TEF2E-600 200X150X2	600	24"	200	8"	150	6"	216610	17,75
TEF2E-600 300X150X2	600	24"	300	12"	150	6"	216611	19,57
TEF2E-600 400X150X2	600	24"	400	16"	150	6"	216612	22,00
TEF2E-600 500X150X2	600	24"	500	20"	150	6"	216613	23,97
TEF2E-600 600X150X2	600	24"	600	24"	150	6"	216614	26,86

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)





TEF2E H75/100/120



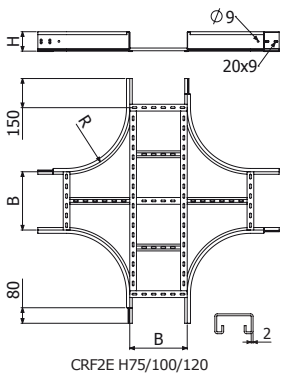
TEF2E H150

CRF2E-300

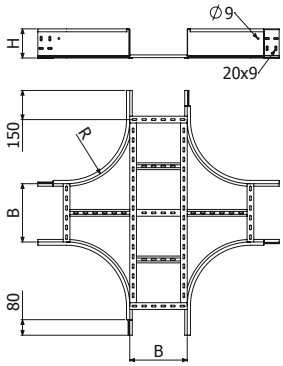


	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRF2E-300 100X100X2	300	12"	100	4"	100	4"	216258	9,90
CRF2E-300 150X100X2	300	12"	150	6"	100	4"	216259	10,51
CRF2E-300 200X100X2	300	12"	200	8"	100	4"	216260	11,42
CRF2E-300 300X100X2	300	12"	300	12"	100	4"	216261	12,79
CRF2E-300 400X100X2	300	12"	400	16"	100	4"	216262	14,16
CRF2E-300 500X100X2	300	12"	500	20"	100	4"	216263	16,28
CRF2E-300 600X100X2	300	12"	600	24"	100	4"	216264	17,80
CRF2E-300 150X120X2	300	12"	150	6"	120	4 5/7"	216265	11,50
CRF2E-300 200X120X2	300	12"	200	8"	120	4 5/7"	216266	12,41
CRF2E-300 300X120X2	300	12"	300	12"	120	4 5/7"	216267	13,78
CRF2E-300 400X120X2	300	12"	400	16"	120	4 5/7"	216268	15,14
CRF2E-300 500X120X2	300	12"	500	20"	120	4 5/7"	216269	17,27
CRF2E-300 600X120X2	300	12"	600	24"	120	4 5/7"	216270	18,79
CRF2E-300 150X150X2	300	12"	150	6"	150	6"	216271	12,98
CRF2E-300 200X150X2	300	12"	200	8"	150	6"	216272	13,89
CRF2E-300 300X150X2	300	12"	300	12"	150	6"	216273	15,26
CRF2E-300 400X150X2	300	12"	400	16"	150	6"	216274	16,62
CRF2E-300 500X150X2	300	12"	500	20"	150	6"	216275	18,75
CRF2E-300 600X150X2	300	12"	600	24"	150	6"	216276	20,27

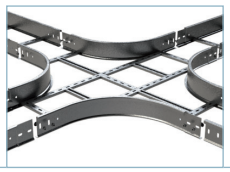
4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



CRF2E H75/100/120



CRF2E H150

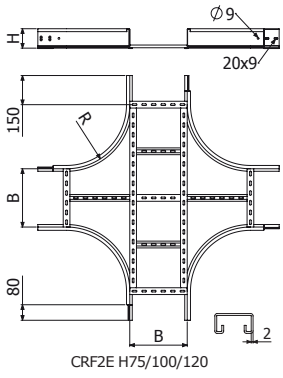


CRF2E-600

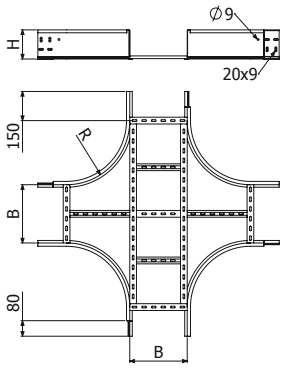


	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRF2E-600 100X100X2	600	24"	100	4"	100	4"	216622	17,13
CRF2E-600 150X100X2	600	24"	150	6"	100	4"	216623	18,12
CRF2E-600 200X100X2	600	24"	200	8"	100	4"	216624	19,11
CRF2E-600 300X100X2	600	24"	300	12"	100	4"	216625	21,09
CRF2E-600 400X100X2	600	24"	400	16"	100	4"	216626	23,67
CRF2E-600 500X100X2	600	24"	500	20"	100	4"	216627	25,80
CRF2E-600 600X100X2	600	24"	600	24"	100	4"	216628	28,84
CRF2E-600 150X120X2	600	24"	150	6"	120	4 5/7"	216629	19,71
CRF2E-600 200X120X2	600	24"	200	8"	120	4 5/7"	216630	20,70
CRF2E-600 300X120X2	600	24"	300	12"	120	4 5/7"	216631	22,68
CRF2E-600 400X120X2	600	24"	400	16"	120	4 5/7"	216632	25,26
CRF2E-600 500X120X2	600	24"	500	20"	120	4 5/7"	216633	27,39
CRF2E-600 600X120X2	600	24"	600	24"	120	4 5/7"	216634	30,43
CRF2E-600 150X150X2	600	24"	150	6"	150	6"	216635	22,10
CRF2E-600 200X150X2	600	24"	200	8"	150	6"	216636	23,09
CRF2E-600 300X150X2	600	24"	300	12"	150	6"	216637	25,06
CRF2E-600 400X150X2	600	24"	400	16"	150	6"	216638	27,65
CRF2E-600 500X150X2	600	24"	500	20"	150	6"	216639	29,77
CRF2E-600 600X150X2	600	24"	600	24"	150	6"	216640	32,81

4/100 x B2 (206792 - GC) (8/100 x B2 ↑ 150)



CRF2E H75/100/120



CRF2E H150

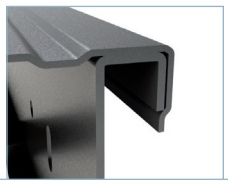


TFE



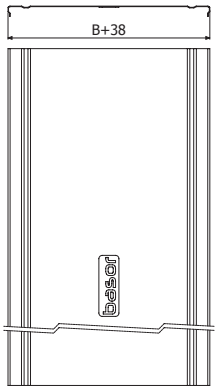
L = 3 m (10 ft)

400/500/600 - L=2 m (6,56 ft)



	B		e	GC	
	mm	inch	mm	REF.	kg/m
TFE 100x1,5 3M	100	4"	1,5	204937	2,06
TFE 150x1,5 3M	150	6"	1,5	204472	2,66
TFE 200x1,5 3M	200	8"	1,5	204473	3,26
TFE 300x1,5 3M	300	12"	1,5	203579	4,46
TFE 400x1,5 2M	400	16"	1,5	204430	5,66
TFE 500x1,5 2M	500	20"	1,5	204509	6,86
TFE 600x1,5 2M	600	24"	1,5	204494	8,06

4 x PTFE/PTFE-E60 -> 1 x TFE



TFEL

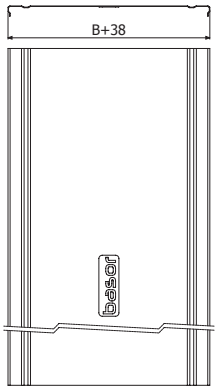


L = 3 m (10 ft)

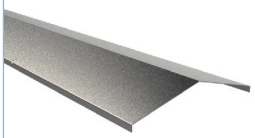
400/500/600 - L=2 m (6,56 ft)

	B		e	GC	
	mm	inch	mm	REF.	kg/m
TFEL 100x0,8 3M	100	4"	0,8	210000	1,1
TFEL 150x0,8 3M	150	6"	0,8	210001	1,42
TFEL 200x0,8 3M	200	8"	0,8	210002	1,74
TFEL 300x0,8 3M	300	12"	0,8	210003	2,38
TFEL 400x1 2M	400	16"	1	210004	3,78
TFEL 500x1 2M	500	20"	1	210005	4,58
TFEL 600x1 2M	600	24"	1	210006	5,38

4 x PTFE/PTFE-E60 -> 1 x TFEL

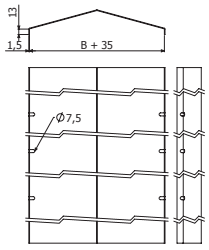


T2AFE

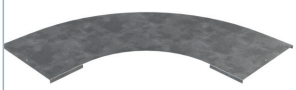


	B		GC	
	mm	inch	REF.	kg/m
T2AFE 100x1,5	100	4"	209778	2,17
T2AFE 150x1,5	150	6"	209779	2,82
T2AFE 200x1,5	200	8"	209780	3,47
T2AFE 300x1,5	300	12"	209781	4,77
T2AFE 400x1,5	400	16"	209782	6,08
T2AFE 500x1,5	500	20"	209783	7,38
T2AFE 600x1,5	600	24"	209784	8,69

4 x PTFE-2A (210008 - i304)

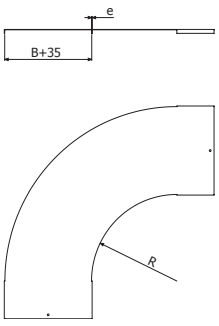


TCPFE-300

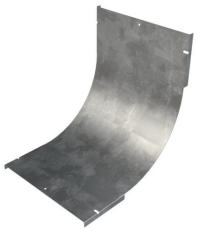


	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
TCPFE-300 100x1,5	300	12"	100	4"	1,5	217213	1,89
TCPFE-300 150x1,5	300	12"	150	6"	1,5	217214	2,56
TCPFE-300 200x1,5	300	12"	200	8"	1,5	217215	3,29
TCPFE-300 300x1,5	300	12"	300	12"	1,5	217216	4,90
TCPFE-300 400x1,5	300	12"	400	16"	1,5	217217	6,72
TCPFE-300 500x1,5	300	12"	500	20"	1,5	217218	8,74
TCPFE-300 600x1,5	300	12"	600	24"	1,5	217219	10,98

4 x PTFE (207054 - i304)

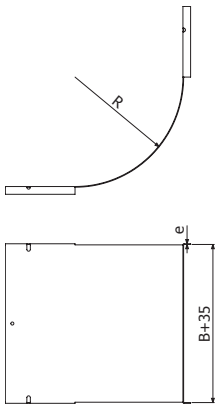


TCCFE-300



	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TCCFE-300 100x1,5	300	12"	100	4"	1,5	217220	1,73
TCCFE-300 150x1,5	300	12"	150	6"	1,5	217221	2,24
TCCFE-300 200x1,5	300	12"	200	8"	1,5	217222	2,75
TCCFE-300 300x1,5	300	12"	300	12"	1,5	217223	3,77
TCCFE-300 400x1,5	300	12"	400	16"	1,5	217224	4,78
TCCFE-300 500x1,5	300	12"	500	20"	1,5	217225	5,80
TCCFE-300 600x1,5	300	12"	600	24"	1,5	217226	6,82

4/100 x B1 (206826-GC)

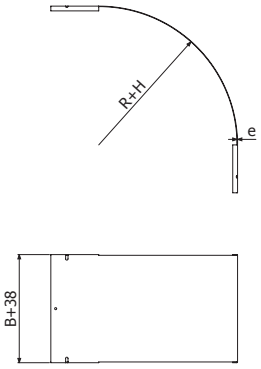


TCXFE-300

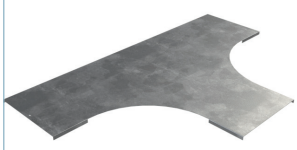


	R		B		e	H		GC	
	mm	inch	mm	inch	mm	mm	inch	REF.	kg/ud
TCXFE-300 100X75x1,5	300	12"	100	4"	1,5	75	3"	217227	2,00
TCXFE-300 150X75x1,5	300	12"	150	6"	1,5	75	3"	217228	2,58
TCXFE-300 200X75x1,5	300	12"	200	8"	1,5	75	3"	217229	3,17
TCXFE-300 300X75x1,5	300	12"	300	12"	1,5	75	3"	217230	4,34
TCXFE-300 400X75x1,5	300	12"	400	16"	1,5	75	3"	217231	5,52
TCXFE-300 500X75x1,5	300	12"	500	20"	1,5	75	3"	217232	6,69
TCXFE-300 600X75x1,5	300	12"	600	24"	1,5	75	3"	217233	7,86
TCXFE-300 100X100x1,5	300	12"	100	4"	1,5	100	4"	217234	2,08
TCXFE-300 150X100x1,5	300	12"	150	6"	1,5	100	4"	217235	2,70
TCXFE-300 200X100x1,5	300	12"	200	8"	1,5	100	4"	217236	3,31
TCXFE-300 300X100x1,5	300	12"	300	12"	1,5	100	4"	217237	4,53
TCXFE-300 400X100x1,5	300	12"	400	16"	1,5	100	4"	217238	5,76
TCXFE-300 500X100x1,5	300	12"	500	20"	1,5	100	4"	217239	6,98
TCXFE-300 600X100x1,5	300	12"	600	24"	1,5	100	4"	217240	8,21
TCXFE-300 150X120x1,5	300	12"	150	6"	1,5	120	5"	217241	2,79
TCXFE-300 200X120x1,5	300	12"	200	8"	1,5	120	5"	217242	3,42
TCXFE-300 300X120x1,5	300	12"	300	12"	1,5	120	5"	217243	4,69
TCXFE-300 400X120x1,5	300	12"	400	16"	1,5	120	5"	217244	5,95
TCXFE-300 500X120x1,5	300	12"	500	20"	1,5	120	5"	217245	7,22
TCXFE-300 600X120x1,5	300	12"	600	24"	1,5	120	5"	217246	8,49
TCXFE-300 150X150x1,5	300	12"	150	6"	1,5	150	6"	217247	2,92
TCXFE-300 200X150x1,5	300	12"	200	8"	1,5	150	6"	217248	3,59
TCXFE-300 300X150x1,5	300	12"	300	12"	1,5	150	6"	217249	4,92
TCXFE-300 400X150x1,5	300	12"	400	16"	1,5	150	6"	217250	6,25
TCXFE-300 500X150x1,5	300	12"	500	20"	1,5	150	6"	217251	7,58
TCXFE-300 600X150x1,5	300	12"	600	24"	1,5	150	6"	217252	8,90

4/100 x B1 (206826-GC)

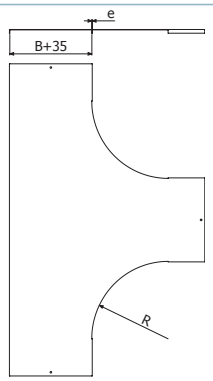


TTEFE-300

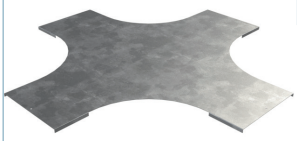


	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TTEFE-300 100x1,5	300	12"	100	4"	1,5	217253	3,52
TTEFE-300 150x1,5	300	12"	150	6"	1,5	217254	4,60
TTEFE-300 200x1,5	300	12"	200	8"	1,5	217255	5,74
TTEFE-300 300x1,5	300	12"	300	12"	1,5	217256	8,23
TTEFE-300 400x1,5	300	12"	400	16"	1,5	217257	10,98
TTEFE-300 500x1,5	300	12"	500	20"	1,5	217258	14,00
TTEFE-300 600x1,5	300	12"	600	24"	1,5	217259	17,28

4 x PTFE (207054 - i304)

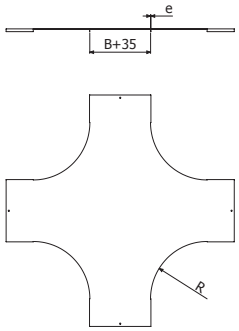


TCRFE-300



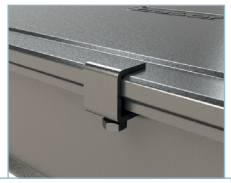
	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TCRFE-300 100x1,5	300	12"	100	4"	1,5	217260	4,79
TCRFE-300 150x1,5	300	12"	150	6"	1,5	217261	6,14
TCRFE-300 200x1,5	300	12"	200	8"	1,5	217262	7,56
TCRFE-300 300x1,5	300	12"	300	12"	1,5	217263	10,60
TCRFE-300 400x1,5	300	12"	400	16"	1,5	217264	13,90
TCRFE-300 500x1,5	300	12"	500	20"	1,5	217265	17,46
TCRFE-300 600x1,5	300	12"	600	24"	1,5	217266	21,29

4 x PTFE (207054 - i304)



PTFE

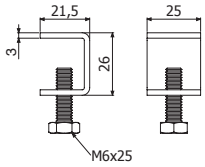




	Pap	e	i304		i316	
	N·m	mm	REF.	kg/ud	REF.	kg/ud
PTFE	6	2	207054	0,02	218568	0,02

4 x PTFE --> 1 x TFE





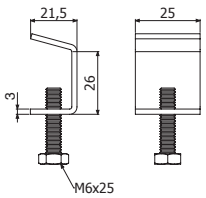
PT2AFE



	Pap	e	i304		i316	
	N·m	mm	REF.	kg/ud	REF.	kg/ud
PT2AFE	6	2	210008	0,02	218569	0,02

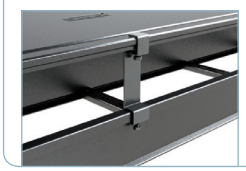
4 x PT2AFE --> 1 x TFE





PTFE-E60



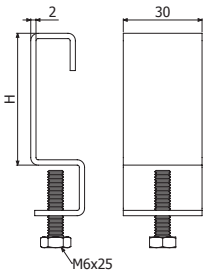


	Pap	H		i304		i316	
	N·m	mm	inch	REF.	kg/ud	REF.	kg/ud
PTFE-E60	6	60	2 3/8"	209787	0,06	218570	0,06

PTFE-E60 + PTFE (207054)

4 x PTFE-E60 --> 1 x TFE





PVTFE-E60

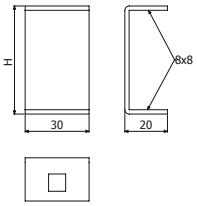


	Pap	H		i304		i316	
	N·m	mm	inch	REF.	kg/ud	REF.	kg/ud
PVTFE-E60	6	60	2 3/8"	209788	0,06	218571	0,06

PVTFE-E60 + 2/100 x B1 (204925) -->

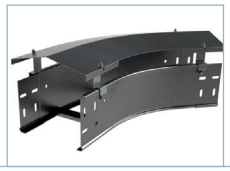
4 x PVTFE-E60 --> 1 x TCCFE / TCXFE





PT2AFE-E60



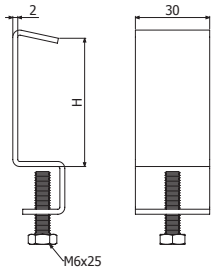


	Pap	H		i304		i316	
	N·m	mm	inch	REF.	kg/ud	REF.	kg/ud
PT2AFE-E60	6	60	2 3/8"	209785	0,06	218572	0,06

PT2AFE-E60 + 1/100 x B1 (204925)

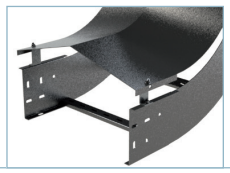
4 x PT2AFE-E60 --> 1 x TFE





PVT2AFE-E60



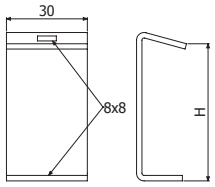


	Pap	H		i304		i316	
	N·m	mm	inch	REF.	kg/ud	REF.	kg/ud
PVT2AFE-E60	6	60	2 3/8"	209786	0,06	218573	0,06

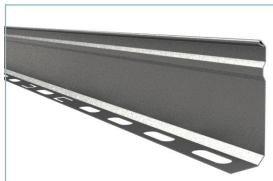
PVT2AFE-E60 + 2/100 x B1 (204925) -->

4 x PVT2AFE-E60 --> 1 x TCCFE-300 / TCXFE-300



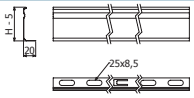


PS



L = 3 m (10 ft)

	H		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8"	203476	0,29	203479	0,29
PS 60	60	2 3/8"	202066	0,34	203480	0,43
PS 80	80	3 1/7"	203477	0,46	203481	0,63
PS 100	100	4"	203478	0,56	203482	0,76

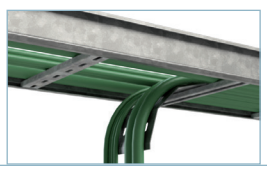


FE H60-100: 3 x (ISO7380-2 M8x30 (218823) + DIN9021 M8 (217543) + DIN934 M8 (217603))
FE H120-H150 & F2E: 3 x (ISO7380-2 M8x30 (218823) + DIN9021 M10 (218715) + DIN 934 M8 (217603)

PS 35→ FE H60, PS 60→ FE H75, PS 80→FE H100, PS 100→FE H120/H150.

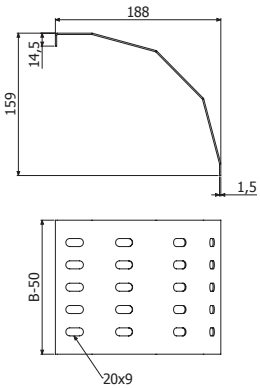
BJCFE





	e	GC	
	mm	REF.	kg/ud
BJCFE 100x1,5	1,5	210021	0,60
BJCFE 150x1,5	1,5	210022	0,90
BJCFE 200x1,5	1,5	210023	1,20
BJCFE 300x1,5	1,5	210024	1,70
BJCFE 400x1,5	1,5	210025	2,30
BJCFE 500x1,5	1,5	210026	2,90
BJCFE 600x1,5	1,5	210027	3,40

2/100 x B2 (206792 - GC)

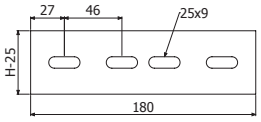


JUFE

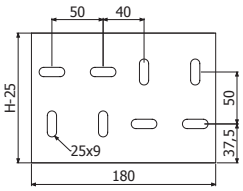


	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE 60/75	75	3"	2	200854	0,08
JUFE 100	100	4"	2	200856	0,20
JUFE 120	120	4 5/7"	2	206940	0,25
JUFE 150	150	6"	2	206941	0,33

4/100 x B2 (206792 - GC) / 8/100 x B2 ↑150



JUFE 75/100/120



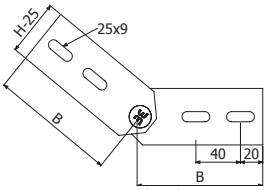
JUFE 150

JUFE-A

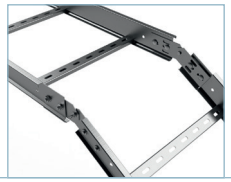


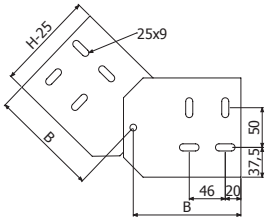
	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-A 60/75	75	3"	2	200857	0,14
JUFE-A 100	100	4"	2	200859	0,34
JUFE-A 120	120	4 5/7"	2	206942	0,52
JUFE-A 150	150	6"	2	206943	0,66

4/100 x B2 (206792 - GC) / 8/100 x B2 ↑150



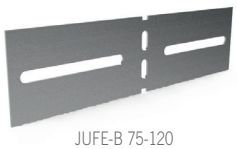
JUFE-A 75/100/120

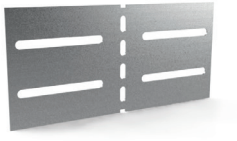




JUFE-A 150

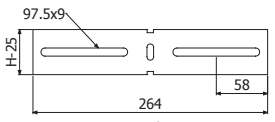
JUFE-B


JUFE-B 75-120

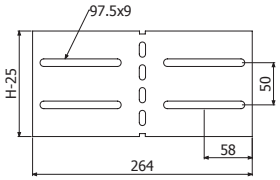

JUFE-B 150

	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-B 60/75	75	3"	2	200860	0,13
JUFE-B 100	100	4"	2	200862	0,30
JUFE-B 120	120	4 5/7"	2	206944	0,38
JUFE-B 150	150	6"	2	206945	0,46

4/100 x B2 (206792 - GC) / 8/100 x B2 ↑150



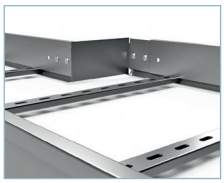
JUFE-B 75/120



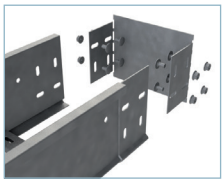
JUFE-B 150

REFE





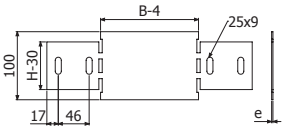
REFE H75/100/120



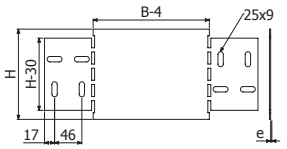
REFE H150

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
REFE 50x75x2	50	2"	75	3"	2	206803	0,17
REFE 100x75x2	100	4"	75	3"	2	206804	0,23
REFE 150x75x2	150	6"	75	3"	2	206805	0,30
REFE 200x75x2	200	8"	75	3"	2	206806	0,36
REFE 50x100x2	50	2"	100	4"	2	206807	0,26
REFE 100x100x2	100	4"	100	4"	2	206808	0,34
REFE 150x100x2	150	6"	100	4"	2	206809	0,43
REFE 200x100x2	200	8"	100	4"	2	206810	0,51
REFE 50x120x2	50	2"	120	4 5/7"	2	206954	0,33
REFE 100x120x2	100	4"	120	4 5/7"	2	206955	0,43
REFE 150x120x2	150	6"	120	4 5/7"	2	206956	0,53
REFE 200x120x2	200	8"	120	4 5/7"	2	206957	0,63
REFE 50x150x2	50	2"	150	6"	2	206958	0,42
REFE 100x150x2	100	4"	150	6"	2	206959	0,55
REFE 150x150x2	150	6"	150	6"	2	206960	0,67
REFE 200x150x2	200	8"	150	6"	2	206961	0,80

4/100 x B2 (206792 - GC) / 8/100 x B2 ↑150



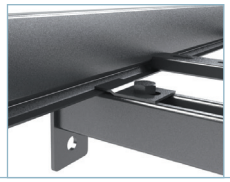
REFE H75/100/120



REFE H150

BFE

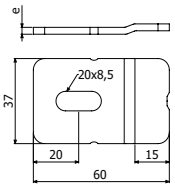




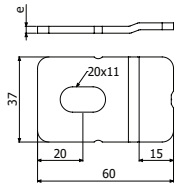
	e	GC		e	i304		i316	
	mm	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
BFE 6/8	3	200863	0,03	1,5	203293	0,03	-	-
BFE 10	3	200864	0,04	1,5	218531	0,03	218532	0,03

BFE 6/8 --> SHL --> B2 (206792 - GC)

SP/SPD + BEF 10 --> DIN933 10X30 (217547- i304) + TM41 M10 (217584 - GC) + DIN125 M10 (217542-i304)



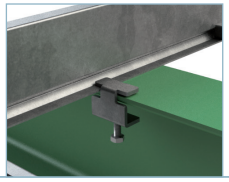
BFE 6/8



BFE 10

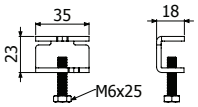
BEV





	GC		i304		i316	
	REF	Kg/ud	REF.	kg/ud	REF.	kg/ud
BEV	211805	0,07	214473	0,05	218574	0,05

10

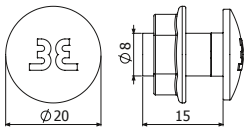


B2



	Pap	GC		i304	
	N·m	REF.	kg/ud	REF.	kg/ud
B2-100	15	206792	1,83	205392	1,71

13

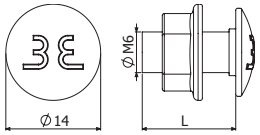


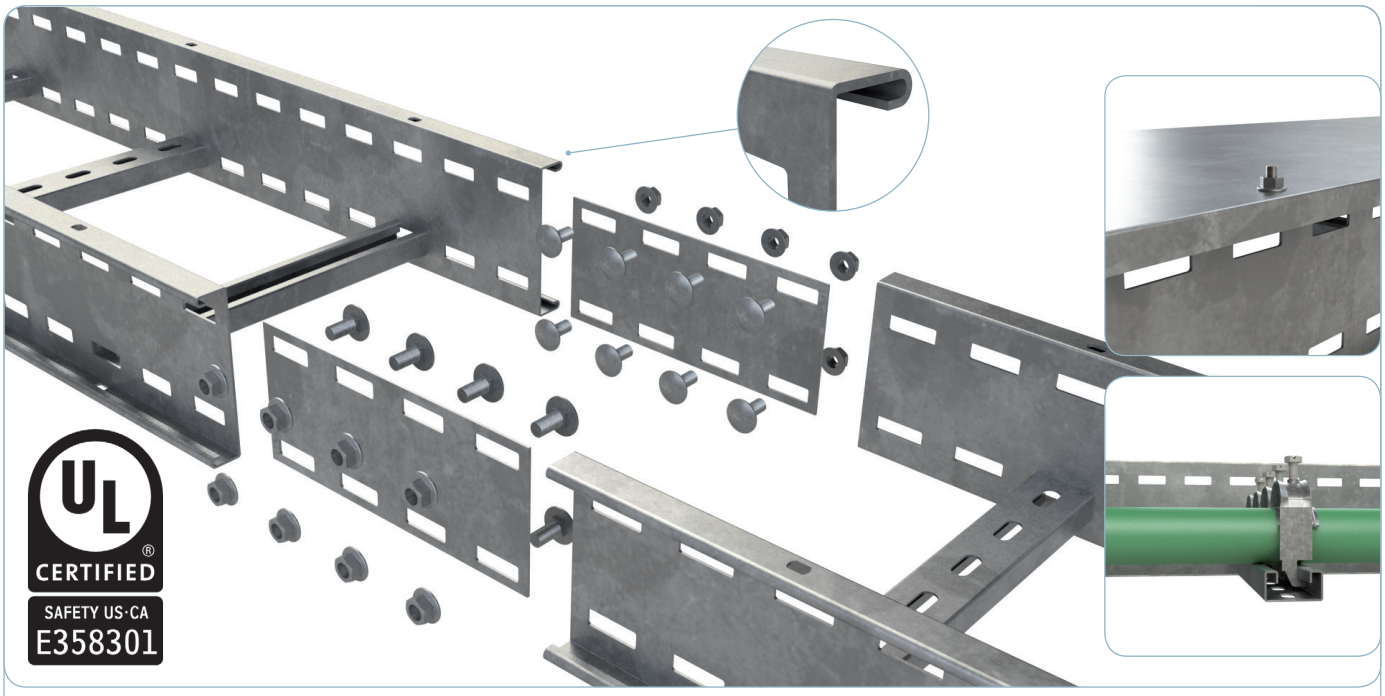
B1



	L	Pap	GC		i304	
	mm	N·m	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	206826	0,80	-	-
B1-100	20	6	-	-	204925	0,79

10





L > 100 m *
UNE-EN 61537
UNE-EN 50085

M0
UNE-EN 61537
UNE-EN 50085
UNE 23727

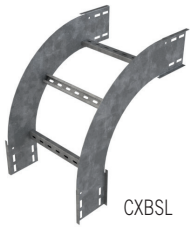
150C
-50C
UNE-EN 61537

6
9C 9D
UNE-EN 61537

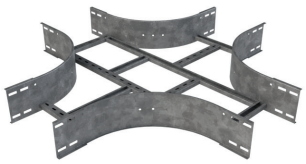
20J
UNE-EN 61537


CPBSL


CCBSL

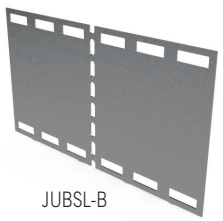

CXBSL


TEBSL


CRBSL


JUBSL


JUBSL-A


JUBSL-B


BBSL


PVTBSL-E60

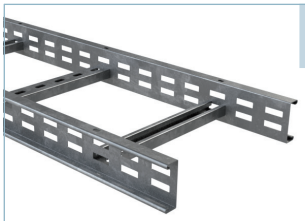

BBSLR


B1


B3

B		Filling Area H75 (3")		H100 (4")		H125 (5")		H150 (6")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4	**40**	6	**-**	-	**-**	-	**-**	-
150	6	**60**	9	**98**	15	**135**	21	**173**	27
300	12	**120**	18	**195**	30	**270**	42	**336**	52
450	18	**160**	24	**293**	45	**405**	63	**504**	78
600	24	**240**	37	**390**	60	**540**	84	**672**	104
750	30	**300**	46	**488**	76	**675**	105	**840**	130
900	35	**360**	55	**585**	91	**810**	126	**1008**	156

BSL H75

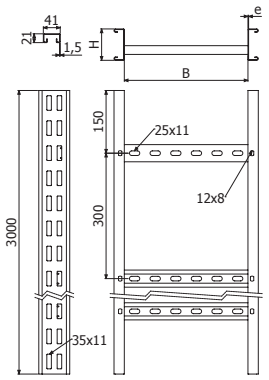


L = 3 m

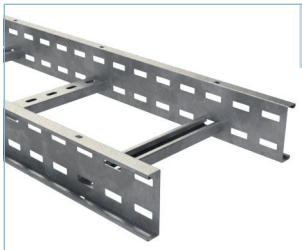
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 100X75X1,5-300 3M	100	4"	75	3"	1,5	215136	3,78	210285	3,43	215159	3,43
BSL 150X75X1,5-300 3M	150	6"	75	3"	1,5	215137	4,00	210286	3,63	215160	3,63
BSL 300X75X1,5-300 3M	300	12"	75	3"	1,5	215138	4,66	210287	4,23	215161	4,23
BSL 450X75X1,5-300 3M	450	18"	75	3"	1,5	215139	5,32	210288	4,83	215162	4,83
BSL 600X75X1,5-300 3M	600	24"	75	3"	1,5	215140	6,98	210289	5,43	215163	5,43
BSL 750X75X1,5-300 3M	750	30"	75	3"	1,5	215141	6,64	210290	6,03	215164	6,03
BSL 900X75X1,5-300 3M	900	36"	75	3"	1,5	215142	7,30	210291	6,63	215165	6,63

Rung 41x21x1,5

2 x JUBSL 50 (215424-GC // 218509-i304 // 215433-i316)



BSL H100

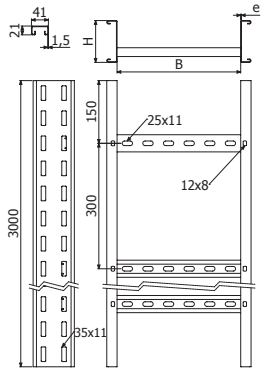


L = 3 m

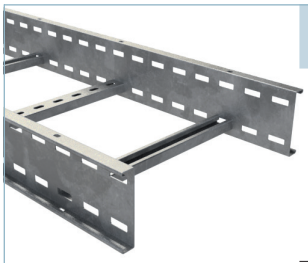
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 150X100X1,5-300 3M	150	6"	100	4"	1,5	215143	4,73	214615	4,26	215166	4,26
BSL 300X100X1,5-300 3M	300	12"	100	4"	1,5	215144	5,32	214617	4,78	215167	4,78
BSL 450X100X1,5-300 3M	450	18"	100	4"	1,5	215145	5,90	214619	5,31	215168	5,31
BSL 600X100X1,5-300 3M	600	24"	100	4"	1,5	215146	6,48	214621	5,83	215169	5,83
BSL 750X100X1,5-300 3M	750	30"	100	4"	1,5	215147	7,06	214622	6,36	215170	6,36
BSL 900X100X1,5-300 3M	900	36"	100	4"	1,5	215148	7,64	214623	6,88	215171	6,88

Rung 41x21x1,5

2 x JUBSL 100 (215425-GC // 215065-i304 // 215434-i316)



BSL H125

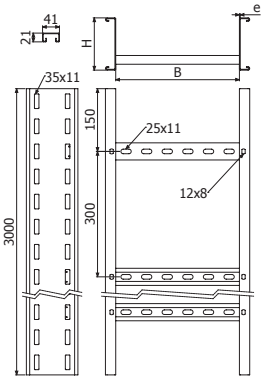


L = 3 m

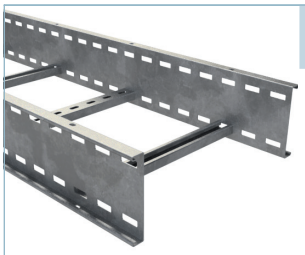
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 150X125X2-300 3M	150	6"	125	5"	2	215149	6,79	214624	6,28	215172	6,28
BSL 300X125X2-300 3M	300	12"	125	5"	2	215150	7,37	214626	6,82	215173	6,82
BSL 450X125X2-300 3M	450	18"	125	5"	2	215151	7,95	214628	7,36	215174	7,36
BSL 600X125X2-300 3M	600	24"	125	5"	2	215152	8,54	214630	7,90	215175	7,90
BSL 750X125X2-300 3M	750	30"	125	5"	2	215153	9,93	214631	9,18	215176	9,18
BSL 900X125X2-300 3M	900	36"	125	5"	2	215154	10,67	214632	9,87	215177	9,87

Width ≤ 600 - Rung 41x21x1,5
Width > 600 - Rung 41x21x2

2 x JUBSL 125 (215426-GC // 215476-i304 // 215435-i316)



BSL H150

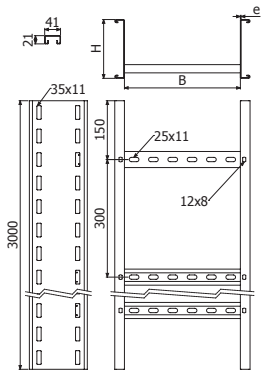


L = 3 m

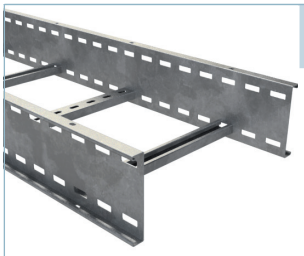
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 150X150X2-300 3M	150	6"	150	6"	2	215155	7,59	214633	7,02	215178	7,02
BSL 300X150X2-300 3M	300	12"	150	6"	2	206437	8,17	214635	7,56	215179	7,56
BSL 450X150X2-300 3M	450	18"	150	6"	2	215156	8,75	214637	8,10	215180	8,10
BSL 600X150X2-300 3M	600	24"	150	6"	2	206439	9,34	214639	8,64	215181	8,64
BSL 750X150X2-300 3M	750	30"	150	6"	2	215157	10,73	214640	9,92	215182	9,92
BSL 900X150X2-300 3M	900	36"	150	6"	2	215158	11,47	214641	10,61	215183	10,61

Width ≤ 600 - Rung 41x21x1,5
Width > 600 - Rung 41x21x2

2 x JUBSL 150 (206445-GC // 215539-i304 // 215436-i316)



BSL H150 6M

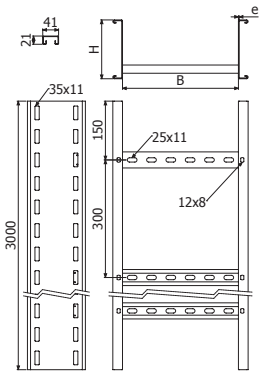


L = 6 m

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BSL 150X150X2-300 6M	150	6”	150	6”	2	209970	7,59
BSL 300X150X2-300 6M	300	12”	150	6”	2	209971	8,17
BSL 450X150X2-300 6M	450	18”	150	6”	2	209972	8,75
BSL 600X150X2-300 6M	600	24”	150	6”	2	209973	9,34
BSL 750X150X2-300 6M	750	30”	150	6”	2	209974	10,73
BSL 900X150X2-300 6M	900	36”	150	6”	2	209975	11,47

Width ≤ 600 - Rung 41x21x1,5
Width > 600 - Rung 41x21x2

2 x JUBSL 150 (206445-GC // 215539-i304 // 215436-i316)



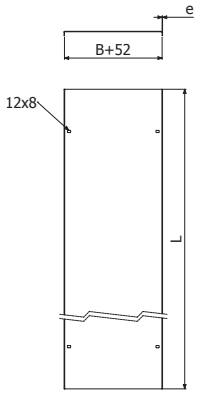
TBSL

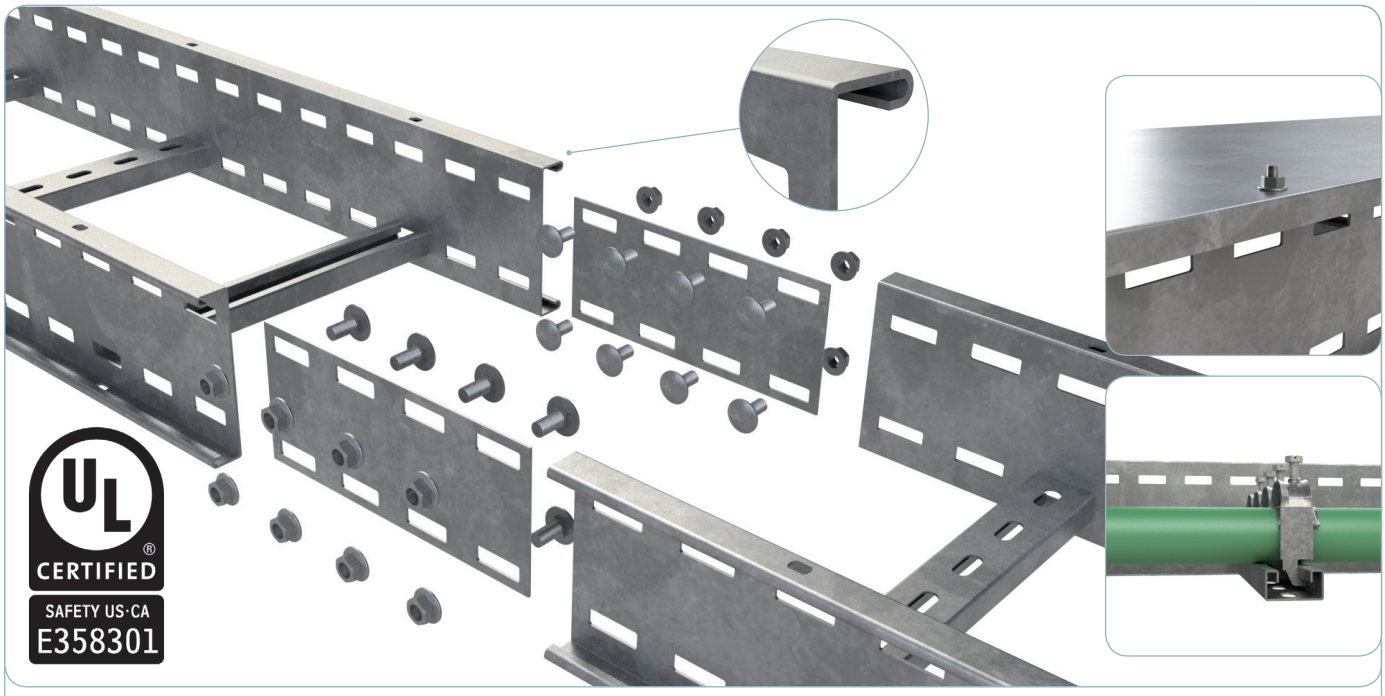


L = 3 m (10 ft)

	B		L	e	GC		i304		i316	
	mm	inch	mm	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
TBSL 100X1,5	100	4”	3000	1,5	209598	2,35	209605	2,17	209612	2,17
TBSL 150X1,5	150	6”	3000	1,5	209599	3,00	209606	2,77	209613	2,77
TBSL 300X1,5	300	12”	3000	1,5	209600	4,94	209607	4,57	209614	4,57
TBSL 450X1,5 2M	450	18”	2000	1,5	209601	6,89	-	-	-	-
TBSL 450X1,5	450	18”	3000	1,5	-	-	209608	6,37	209615	6,37
TBSL 600X1,5 2M	600	24”	2000	1,5	209602	8,84	-	-	-	-
TBSL 600X1,5	600	24”	3000	1,5	-	-	209609	8,17	209616	8,17
TBSL 750X1,5 2M	750	30”	2000	1,5	209603	10,79	-	-	-	-
TBSL 750X1,5	750	30”	3000	1,5	-	-	209610	9,97	209617	9,97
TBSL 900X1,5 2M	900	36”	2000	1,5	209604	12,74	-	-	-	-
TBSL 900X1,5	900	36”	3000	1,5	-	-	209611	11,77	208295	11,77

8/100 x B1 (206826-GC // 204925-i304 // 218388-i316)





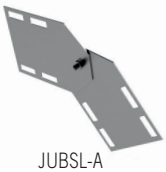
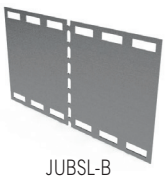
L > 100 m * — UNE-EN 61537

M0 — UNE-EN 61537 UNE 23727

150C -50C — UNE-EN 61537

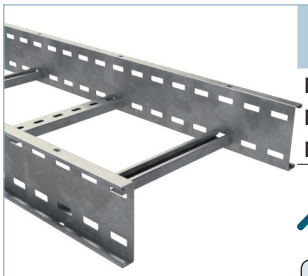
6 — UNE-EN 61537

20J — UNE-EN 61537

 CPBSL	 CCBSL	 CXBSL	 TEBSL	 CRBSL
 JUBSL	 JUBSL-A	 JUBSL-B	 BBSL	 B3
 PVTBSL-E60	 BBSLR	 B1		

Filling Area					
BSLR		H125 (5")		H150 (6")	
mm	inch	cm²	in²	cm²	in²
300	12"	**270**	41,8	**345**	53,5
400	16"	**450**	69,7	**517,5**	80,2
600	24"	**540**	83,7	**690**	107,0

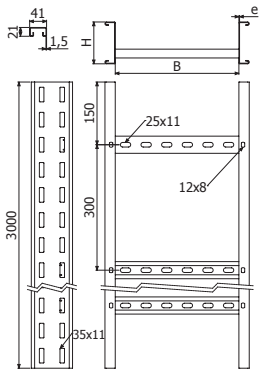
BSLR H125



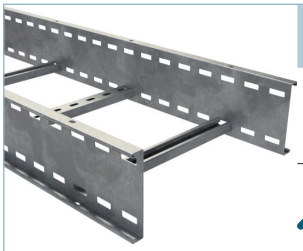
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BSLR 300x125x2-300 6M	300	12	125	5	2	212097	8,13
BSLR 450x125x2-300 6M	450	18	125	5	2	212098	9,03
BSLR 600x125x2-300 6M	600	24	125	5	2	212099	9,75

2 x JUBSL 125 (215426)

L=6m (20ft)



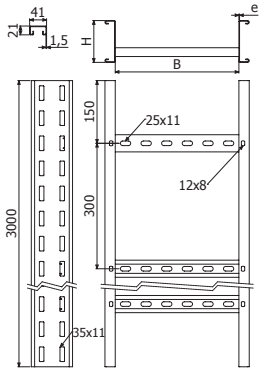
BSLR H150



	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BSLR 300x150x2-300 6M	300	12	150	6	2	210270	8,98
BSLR 450x150x2-300 6M	450	18	150	6	2	210272	9,73
BSLR 600x150x2-300 6M	600	24	150	6	2	210273	10,20

2 x JUBSL 150 (206445)

L=6m (20ft)



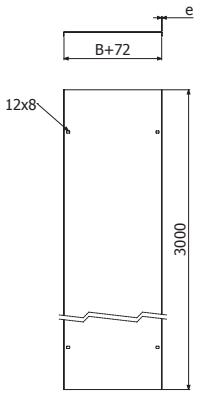
TBSLR



	B	e	GC	
	mm	inch	mm	REF.	kg/m
TBSLR 300X1,5 3M	300	12	1,5	210275	4,81
TBSLR 450X1,5 3M	450	18	1,5	210277	6,61
TBSLR 600X1,5 3M	600	24	1,5	210278	8,41

8/100 x B1 (206826-GC)

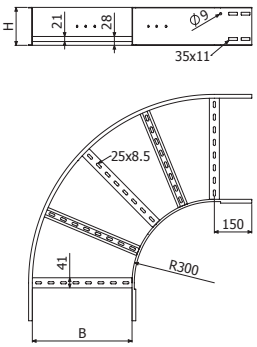
L = 3 m (10 ft)



CPBSL-300



	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CPBSL-300 100X75X1,5	100	4"	75	3"	1,5	215184	2,95	216641	2,68	215207	2,68
CPBSL-300 150X75X1,5	150	6"	75	3"	1,5	215185	3,36	216642	3,05	215208	3,05
CPBSL-300 300X75X1,5	300	12"	75	3"	1,5	215186	5,04	216643	4,58	215209	4,58
CPBSL-300 450X75X1,5	450	18"	75	3"	1,5	215187	6,47	216644	5,88	215210	5,88
CPBSL-300 600X75X1,5	600	24"	75	3"	1,5	215188	8,94	216645	8,12	215211	8,12
CPBSL-300 750X75X1,5	750	30"	75	3"	1,5	215189	10,63	216646	9,66	215212	9,66
CPBSL-300 900X75X1,5	900	36"	75	3"	1,5	215190	12,32	216647	11,20	215213	11,20
CPBSL-300 150X100X1,5	150	6"	100	4"	1,5	215191	4,22	216648	3,79	215214	3,79
CPBSL-300 300X100X1,5	300	12"	100	4"	1,5	215192	5,23	216649	4,71	215215	4,71
CPBSL-300 450X100X1,5	450	18"	100	4"	1,5	215193	6,76	216650	6,09	215216	6,09
CPBSL-300 600X100X1,5	600	24"	100	4"	1,5	215194	7,95	216651	7,16	215217	7,16
CPBSL-300 750X100X1,5	750	30"	100	4"	1,5	215195	10,01	216652	9,01	215218	9,01
CPBSL-300 900X100X1,5	900	36"	100	4"	1,5	215196	11,38	216653	10,24	215219	10,24
CPBSL-300 150X125X2	150	6"	125	5"	2	215197	5,26	216654	4,87	215220	4,87
CPBSL-300 300X125X2	300	12"	125	5"	2	215198	6,33	216655	5,86	215221	5,86
CPBSL-300 450X125X2	450	18"	125	5"	2	215199	7,93	216656	7,34	215222	7,34
CPBSL-300 600X125X2	600	24"	125	5"	2	215200	9,18	216657	8,49	215223	8,49
CPBSL-300 750X125X2	750	30"	125	5"	2	215201	14,02	216658	12,97	215224	12,97
CPBSL-300 900X125X2	900	36"	125	5"	2	215202	15,87	216659	14,68	215225	14,68
CPBSL-300 150X150X2	150	6"	150	6"	2	215203	5,87	216660	5,43	215226	5,43
CPBSL-300 300X150X2	300	12"	150	6"	2	206962	7,02	216661	6,49	215227	6,49
CPBSL-300 450X150X2	450	18"	150	6"	2	215204	8,68	216662	8,03	215228	8,03
CPBSL-300 600X150X2	600	24"	150	6"	2	206964	10,00	216663	9,25	215229	9,25
CPBSL-300 750X150X2	750	30"	150	6"	2	215205	15,11	216664	13,98	215230	13,98
CPBSL-300 900X150X2	900	36"	150	6"	2	215206	17,05	216665	15,78	215231	15,78

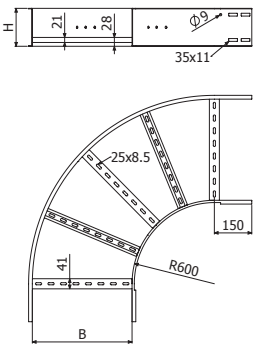


2 x JUBSL

CPBSL-600



	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CPBSL-600 100X75X1,5	100	4"	75	3"	1,5	216766	4,65	216891	4,22	217016	4,22
CPBSL-600 150X75X1,5	150	6"	75	3"	1,5	216767	5,21	216892	4,73	217017	4,73
CPBSL-600 300X75X1,5	300	12"	75	3"	1,5	216768	6,90	216893	6,27	217018	6,27
CPBSL-600 450X75X1,5	450	18"	75	3"	1,5	216769	9,38	216894	8,52	217019	8,52
CPBSL-600 600X75X1,5	600	24"	75	3"	1,5	216770	11,32	216895	10,29	217020	10,29
CPBSL-600 750X75X1,5	750	30"	75	3"	1,5	216771	14,56	216896	13,23	217021	13,23
CPBSL-600 900X75X1,5	900	36"	75	3"	1,5	216772	16,77	216897	15,24	217022	15,24
CPBSL-600 150X100X1,5	150	6"	100	4"	1,5	216773	6,17	216898	5,55	217023	5,55
CPBSL-600 300X100X1,5	300	12"	100	4"	1,5	216774	7,18	216899	6,47	217024	6,47
CPBSL-600 450X100X1,5	450	18"	100	4"	1,5	216775	8,72	216900	7,85	217025	7,85
CPBSL-600 600X100X1,5	600	24"	100	4"	1,5	216776	9,91	216901	8,92	217026	8,92
CPBSL-600 750X100X1,5	750	30"	100	4"	1,5	216777	11,97	216902	10,77	217027	10,77
CPBSL-600 900X100X1,5	900	36"	100	4"	1,5	216778	13,33	216903	12,00	217028	12,00
CPBSL-600 150X125X2	150	6"	125	5"	2	216779	7,82	216904	7,23	217029	7,23
CPBSL-600 300X125X2	300	12"	125	5"	2	216780	8,89	216905	8,23	217030	8,23
CPBSL-600 450X125X2	450	18"	125	5"	2	216781	10,49	216906	9,70	217031	9,70
CPBSL-600 600X125X2	600	24"	125	5"	2	216782	11,74	216907	10,86	217032	10,86
CPBSL-600 750X125X2	750	30"	125	5"	2	216783	16,95	216908	15,68	217033	15,68
CPBSL-600 900X125X2	900	36"	125	5"	2	216784	18,80	216909	17,39	217034	17,39
CPBSL-600 150X150X2	150	6"	150	6"	2	216785	8,76	216910	8,10	217035	8,10
CPBSL-600 300X150X2	300	12"	150	6"	2	216786	9,90	216911	9,16	217036	9,16
CPBSL-600 450X150X2	450	18"	150	6"	2	216787	11,57	216912	10,70	217037	10,70
CPBSL-600 600X150X2	600	24"	150	6"	2	216788	12,89	216913	11,92	217038	11,92
CPBSL-600 750X150X2	750	30"	150	6"	2	216789	18,42	216914	17,03	217039	17,03
CPBSL-600 900X150X2	900	36"	150	6"	2	216790	20,36	216915	18,83	217040	18,83

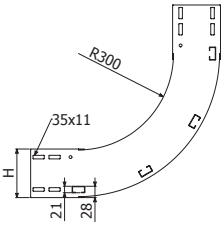


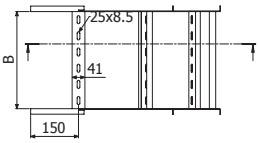
2 x JUBSL

CCBSL-300



	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CCBSL-300 100X75X1,5	100	4"	75	3"	1,5	215232	2,26	216666	2,05	215255	2,05
CCBSL-300 150X75X1,5	150	6"	75	3"	1,5	215233	2,52	216667	2,29	215256	2,29
CCBSL-300 300X75X1,5	300	12"	75	3"	1,5	215234	3,29	216668	2,99	215257	2,99
CCBSL-300 450X75X1,5	450	18"	75	3"	1,5	215235	4,06	216669	3,69	215258	3,69
CCBSL-300 600X75X1,5	600	24"	75	3"	1,5	215236	4,83	216670	4,39	215259	4,39
CCBSL-300 750X75X1,5	750	30"	75	3"	1,5	215237	5,60	216671	5,09	215260	5,09
CCBSL-300 900X75X1,5	900	36"	75	3"	1,5	215238	6,38	216672	5,80	215261	5,80
CCBSL-300 150X100X1,5	150	6"	100	4"	1,5	215239	3,62	216673	3,25	215262	3,25
CCBSL-300 300X100X1,5	300	12"	100	4"	1,5	215240	4,14	216674	3,73	215263	3,73
CCBSL-300 450X100X1,5	450	18"	100	4"	1,5	215241	4,66	216675	4,20	215264	4,20
CCBSL-300 600X100X1,5	600	24"	100	4"	1,5	215242	5,19	216676	4,67	215265	4,67
CCBSL-300 750X100X1,5	750	30"	100	4"	1,5	215243	5,71	216677	5,14	215266	5,14
CCBSL-300 900X100X1,5	900	36"	100	4"	1,5	215244	6,24	216678	5,61	215267	5,61
CCBSL-300 150X125X2	150	6"	125	5"	2	215245	5,39	216679	4,99	215268	4,99
CCBSL-300 300X125X2	300	12"	125	5"	2	215246	5,92	216680	5,47	215269	5,47
CCBSL-300 450X125X2	450	18"	125	5"	2	215247	6,44	216681	5,96	215270	5,96
CCBSL-300 600X125X2	600	24"	125	5"	2	215248	6,96	216682	6,44	215271	6,44
CCBSL-300 750X125X2	750	30"	125	5"	2	215249	8,22	216683	7,60	215272	7,60
CCBSL-300 900X125X2	900	36"	125	5"	2	215250	8,89	216684	8,22	215273	8,22
CCBSL-300 150X150X2	150	6"	150	6"	2	215251	6,21	216685	5,74	215274	5,74
CCBSL-300 300X150X2	300	12"	150	6"	2	206968	6,73	216686	6,23	215275	6,23
CCBSL-300 450X150X2	450	18"	150	6"	2	215252	7,26	216687	6,71	215276	6,71
CCBSL-300 600X150X2	600	24"	150	6"	2	206970	7,78	216688	7,20	215277	7,20
CCBSL-300 750X150X2	750	30"	150	6"	2	215253	9,03	216689	8,35	215278	8,35
CCBSL-300 900X150X2	900	36"	150	6"	2	215254	9,70	216690	8,97	215279	8,97



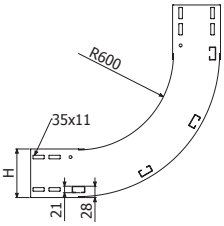


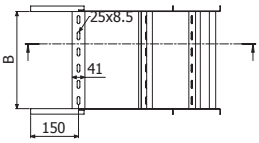
2 x JUBSL

CCBSL-600



	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CCBSL-600 100X75X1,5	100	4"	75	3"	1,5	216791	3,46	216916	3,14	217041	3,14
CCBSL-600 150X75X1,5	150	6"	75	3"	1,5	216792	3,89	216917	3,53	217042	3,53
CCBSL-600 300X75X1,5	300	12"	75	3"	1,5	216793	5,17	216918	4,70	217043	4,70
CCBSL-600 450X75X1,5	450	18"	75	3"	1,5	216794	6,46	216919	5,87	217044	5,87
CCBSL-600 600X75X1,5	600	24"	75	3"	1,5	216795	7,75	216920	7,04	217045	7,04
CCBSL-600 750X75X1,5	750	30"	75	3"	1,5	216796	9,04	216921	8,21	217046	8,21
CCBSL-600 900X75X1,5	900	36"	75	3"	1,5	216797	10,32	216922	9,38	217047	9,38
CCBSL-600 150X100X1,5	150	6"	100	4"	1,5	216798	5,20	216923	4,68	217048	4,68
CCBSL-600 300X100X1,5	300	12"	100	4"	1,5	216799	5,72	216924	5,15	217049	5,15
CCBSL-600 450X100X1,5	450	18"	100	4"	1,5	216800	6,25	216925	5,62	217050	5,62
CCBSL-600 600X100X1,5	600	24"	100	4"	1,5	216801	6,77	216926	6,09	217051	6,09
CCBSL-600 750X100X1,5	750	30"	100	4"	1,5	216802	7,30	216927	6,57	217052	6,57
CCBSL-600 900X100X1,5	900	36"	100	4"	1,5	216803	7,82	216928	7,04	217053	7,04
CCBSL-600 150X125X2	150	6"	125	5"	2	216804	7,88	216929	7,29	217054	7,29
CCBSL-600 300X125X2	300	12"	125	5"	2	216805	8,40	216930	7,77	217055	7,77
CCBSL-600 450X125X2	450	18"	125	5"	2	216806	8,93	216931	8,26	217056	8,26
CCBSL-600 600X125X2	600	24"	125	5"	2	216807	9,45	216932	8,74	217057	8,74
CCBSL-600 750X125X2	750	30"	125	5"	2	216808	10,71	216933	9,90	217058	9,90
CCBSL-600 900X125X2	900	36"	125	5"	2	216809	11,37	216934	10,52	217059	10,52
CCBSL-600 150X150X2	150	6"	150	6"	2	216810	9,07	216935	8,39	217060	8,39
CCBSL-600 300X150X2	300	12"	150	6"	2	216811	9,60	216936	8,88	217061	8,88
CCBSL-600 450X150X2	450	18"	150	6"	2	216812	10,12	216937	9,36	217062	9,36
CCBSL-600 600X150X2	600	24"	150	6"	2	216813	10,64	216938	9,85	217063	9,85
CCBSL-600 750X150X2	750	30"	150	6"	2	216814	11,90	216939	11,00	217064	11,00
CCBSL-600 900X150X2	900	36"	150	6"	2	216815	12,57	216940	11,62	217065	11,62



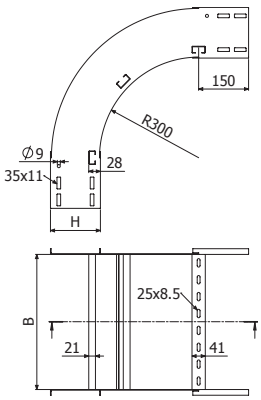


2 x JUBSL

CXBSL-300



	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CXBSL-300 100X75X1,5	100	4"	75	3"	1,5	215280	2,26	216691	2,05	215303	2,05
CXBSL-300 150X75X1,5	150	6"	75	3"	1,5	215281	2,52	216692	2,29	215304	2,29
CXBSL-300 300X75X1,5	300	12"	75	3"	1,5	215282	3,29	216693	2,99	215305	2,99
CXBSL-300 450X75X1,5	450	18"	75	3"	1,5	215283	4,06	216694	3,69	215306	3,69
CXBSL-300 600X75X1,5	600	24"	75	3"	1,5	215284	4,83	216695	4,39	215307	4,39
CXBSL-300 750X75X1,5	750	30"	75	3"	1,5	215285	5,60	216696	5,09	215308	5,09
CXBSL-300 900X75X1,5	900	36"	75	3"	1,5	215286	6,38	216697	5,80	215309	5,80
CXBSL-300 150X100X1,5	150	6"	100	4"	1,5	215287	3,62	216698	3,25	215310	3,25
CXBSL-300 300X100X1,5	300	12"	100	4"	1,5	215288	4,14	216699	3,73	215311	3,73
CXBSL-300 450X100X1,5	450	18"	100	4"	1,5	215289	4,66	216700	4,20	215312	4,20
CXBSL-300 600X100X1,5	600	24"	100	4"	1,5	215290	5,19	216701	4,67	215313	4,67
CXBSL-300 750X100X1,5	750	30"	100	4"	1,5	215291	5,71	216702	5,14	215314	5,14
CXBSL-300 900X100X1,5	900	36"	100	4"	1,5	215292	6,24	216703	5,61	215315	5,61
CXBSL-300 150X125X2	150	6"	125	5"	2	215293	5,39	216704	4,99	215316	4,99
CXBSL-300 300X125X2	300	12"	125	5"	2	215294	5,92	216705	5,47	215317	5,47
CXBSL-300 450X125X2	450	18"	125	5"	2	215295	6,44	216706	5,96	215318	5,96
CXBSL-300 600X125X2	600	24"	125	5"	2	215296	6,96	216707	6,44	215319	6,44
CXBSL-300 750X125X2	750	30"	125	5"	2	215297	8,22	216708	7,60	215320	7,60
CXBSL-300 900X125X2	900	36"	125	5"	2	215298	8,89	216709	8,22	215321	8,22
CXBSL-300 150X150X2	150	6"	150	6"	2	215299	6,21	216710	5,74	215322	5,74
CXBSL-300 300X150X2	300	12"	150	6"	2	206974	6,73	216711	6,23	215323	6,23
CXBSL-300 450X150X2	450	18"	150	6"	2	215300	7,26	216712	6,71	215324	6,71
CXBSL-300 600X150X2	600	24"	150	6"	2	206976	7,78	216713	7,20	215325	7,20
CXBSL-300 750X150X2	750	30"	150	6"	2	215301	9,03	216714	8,35	215326	8,35
CXBSL-300 900X150X2	900	36"	150	6"	2	215302	9,70	216715	8,97	215327	8,97

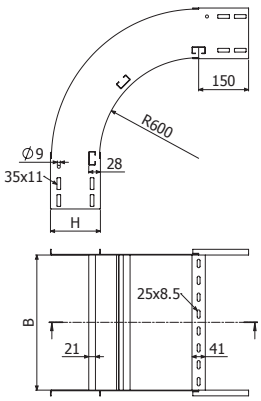


2 x JUBSL

CXBSL-600

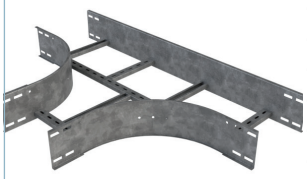


	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CXBSL-600 100X75X1,5	100	4"	75	3"	1,5	216816	3,46	216941	3,14	217066	3,14
CXBSL-600 150X75X1,5	150	6"	75	3"	1,5	216817	3,89	216942	3,53	217067	3,53
CXBSL-600 300X75X1,5	300	12"	75	3"	1,5	216818	5,17	216943	4,70	217068	4,70
CXBSL-600 450X75X1,5	450	18"	75	3"	1,5	216819	6,46	216944	5,87	217069	5,87
CXBSL-600 600X75X1,5	600	24"	75	3"	1,5	216820	7,75	216945	7,04	217070	7,04
CXBSL-600 750X75X1,5	750	30"	75	3"	1,5	216821	9,04	216946	8,21	217071	8,21
CXBSL-600 900X75X1,5	900	36"	75	3"	1,5	216822	10,32	216947	9,38	217072	9,38
CXBSL-600 150X100X1,5	150	6"	100	4"	1,5	216823	5,20	216948	4,68	217073	4,68
CXBSL-600 300X100X1,5	300	12"	100	4"	1,5	216824	5,72	216949	5,15	217074	5,15
CXBSL-600 450X100X1,5	450	18"	100	4"	1,5	216825	6,25	216950	5,62	217075	5,62
CXBSL-600 600X100X1,5	600	24"	100	4"	1,5	216826	6,77	216951	6,09	217076	6,09
CXBSL-600 750X100X1,5	750	30"	100	4"	1,5	216827	7,30	216952	6,57	217077	6,57
CXBSL-600 900X100X1,5	900	36"	100	4"	1,5	216828	7,82	216953	7,04	217078	7,04
CXBSL-600 150X125X2	150	6"	125	5"	2	216829	7,88	216954	7,29	217079	7,29
CXBSL-600 300X125X2	300	12"	125	5"	2	216830	8,40	216955	7,77	217080	7,77
CXBSL-600 450X125X2	450	18"	125	5"	2	216831	8,93	216956	8,26	217081	8,26
CXBSL-600 600X125X2	600	24"	125	5"	2	216832	9,45	216957	8,74	217082	8,74
CXBSL-600 750X125X2	750	30"	125	5"	2	216833	10,71	216958	9,90	217083	9,90
CXBSL-600 900X125X2	900	36"	125	5"	2	216834	11,37	216959	10,52	217084	10,52
CXBSL-600 150X150X2	150	6"	150	6"	2	216835	7,65	216960	7,08	217085	7,08
CXBSL-600 300X150X2	300	12"	150	6"	2	216836	8,60	216961	7,96	217086	7,96
CXBSL-600 450X150X2	450	18"	150	6"	2	216837	9,57	216962	8,86	217087	8,86
CXBSL-600 600X150X2	600	24"	150	6"	2	216838	10,53	216963	9,75	217088	9,75
CXBSL-600 750X150X2	750	30"	150	6"	2	216839	11,90	216964	11,00	217089	11,00
CXBSL-600 900X150X2	900	36"	150	6"	2	216840	12,57	216965	11,62	217090	11,62



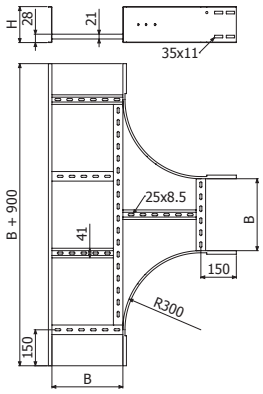
2 x JUBSL

TEBSL-300

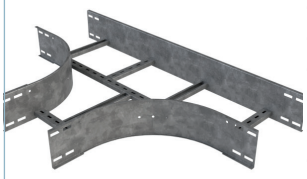


	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TEBSL-300 100X75X1,5	100	4"	75	3"	1,5	215328	6,82	216716	6,20	215351	6,20
TEBSL-300 150X75X1,5	150	6"	75	3"	1,5	215329	7,34	216717	6,67	215352	6,67
TEBSL-300 300X75X1,5	300	12"	75	3"	1,5	215330	9,01	216718	8,19	215353	8,19
TEBSL-300 450X75X1,5	450	18"	75	3"	1,5	215331	10,85	216719	9,86	215354	9,86
TEBSL-300 600X75X1,5	600	24"	75	3"	1,5	215332	12,85	216720	11,68	215355	11,68
TEBSL-300 750X75X1,5	750	30"	75	3"	1,5	215333	15,05	216721	13,68	215356	13,68
TEBSL-300 900X75X1,5	900	36"	75	3"	1,5	215334	17,40	216722	15,81	215357	15,81
TEBSL-300 150X100X1,5	150	6"	100	4"	1,5	215335	7,85	216723	7,06	215358	7,06
TEBSL-300 300X100X1,5	300	12"	100	4"	1,5	215336	9,55	216724	8,60	215359	8,60
TEBSL-300 450X100X1,5	450	18"	100	4"	1,5	215337	11,44	216725	10,29	215360	10,29
TEBSL-300 600X100X1,5	600	24"	100	4"	1,5	215338	13,50	216726	12,15	215361	12,15
TEBSL-300 750X100X1,5	750	30"	100	4"	1,5	215339	15,73	216727	14,15	215362	14,15
TEBSL-300 900X100X1,5	900	36"	100	4"	1,5	215340	18,13	216728	16,32	215363	16,32
TEBSL-300 150X125X2	150	6"	125	5"	2	215341	9,73	216729	9,00	215364	9,00
TEBSL-300 300X125X2	300	12"	125	5"	2	215342	11,48	216730	10,62	215365	10,62
TEBSL-300 450X125X2	450	18"	125	5"	2	215343	13,40	216731	12,40	215366	12,40
TEBSL-300 600X125X2	600	24"	125	5"	2	215344	15,50	216732	14,33	215367	14,33
TEBSL-300 750X125X2	750	30"	125	5"	2	215345	21,61	216733	19,99	215368	19,99
TEBSL-300 900X125X2	900	36"	125	5"	2	215346	24,75	216734	22,90	215369	22,90
TEBSL-300 150X150X2	150	6"	150	6"	2	215347	10,71	216735	9,91	215370	9,91
TEBSL-300 300X150X2	300	12"	150	6"	2	206980	12,50	216736	11,57	215371	11,57
TEBSL-300 450X150X2	450	18"	150	6"	2	215348	14,47	216737	13,38	215372	13,38
TEBSL-300 600X150X2	600	24"	150	6"	2	206982	16,61	216738	15,36	215373	15,36
TEBSL-300 750X150X2	750	30"	150	6"	2	215349	22,95	216739	21,23	215374	21,23
TEBSL-300 900X150X2	900	36"	150	6"	2	215350	26,15	216740	24,19	215375	24,19

2 x JUBSL

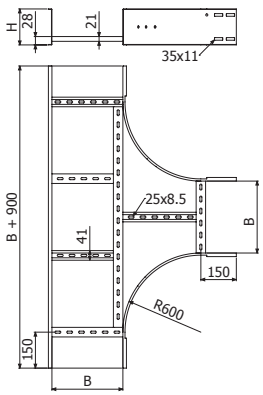


TEBSL-600

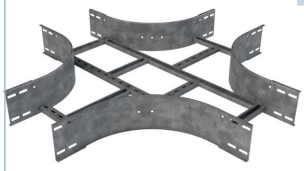


	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TEBSL-600 100X75X1,5	100	4"	75	3"	1,5	216841	10,26	216966	9,32	217091	9,32
TEBSL-600 150X75X1,5	150	6"	75	3"	1,5	216842	10,89	216967	9,90	217092	9,90
TEBSL-600 300X75X1,5	300	12"	75	3"	1,5	216843	12,90	216968	11,72	217093	11,72
TEBSL-600 450X75X1,5	450	18"	75	3"	1,5	216844	15,09	216969	13,71	217094	13,71
TEBSL-600 600X75X1,5	600	24"	75	3"	1,5	216845	17,45	216970	15,86	217095	15,86
TEBSL-600 750X75X1,5	750	30"	75	3"	1,5	216846	19,98	216971	18,16	217096	18,16
TEBSL-600 900X75X1,5	900	36"	75	3"	1,5	216847	22,69	216972	20,62	217097	20,62
TEBSL-600 150X100X1,5	150	6"	100	4"	1,5	216848	12,10	216973	10,89	217098	10,89
TEBSL-600 300X100X1,5	300	12"	100	4"	1,5	216849	14,15	216974	12,74	217099	12,74
TEBSL-600 450X100X1,5	450	18"	100	4"	1,5	216850	16,39	216975	14,75	217100	14,75
TEBSL-600 600X100X1,5	600	24"	100	4"	1,5	216851	18,79	216976	16,91	217101	16,91
TEBSL-600 750X100X1,5	750	30"	100	4"	1,5	216852	21,37	216977	19,24	217102	19,24
TEBSL-600 900X100X1,5	900	36"	100	4"	1,5	216853	24,13	216978	21,72	217103	21,72
TEBSL-600 150X125X2	150	6"	125	5"	2	216854	15,10	216979	13,97	217104	13,97
TEBSL-600 300X125X2	300	12"	125	5"	2	216855	17,20	216980	15,91	217105	15,91
TEBSL-600 450X125X2	450	18"	125	5"	2	216856	19,47	216981	18,01	217106	18,01
TEBSL-600 600X125X2	600	24"	125	5"	2	216857	21,91	216982	20,27	217107	20,27
TEBSL-600 750X125X2	750	30"	125	5"	2	216858	29,52	216983	27,31	217108	27,31
TEBSL-600 900X125X2	900	36"	125	5"	2	216859	33,11	216984	30,63	217109	30,63
TEBSL-600 150X150X2	150	6"	150	6"	2	216860	16,64	216985	15,39	217110	15,39
TEBSL-600 300X150X2	300	12"	150	6"	2	216861	18,78	216986	17,37	217111	17,37
TEBSL-600 450X150X2	450	18"	150	6"	2	216862	21,09	216987	19,51	217112	19,51
TEBSL-600 600X150X2	600	24"	150	6"	2	216863	23,58	216988	21,81	217113	21,81
TEBSL-600 750X150X2	750	30"	150	6"	2	216864	31,48	216989	29,12	217114	29,12
TEBSL-600 900X150X2	900	36"	150	6"	2	216865	35,13	216990	32,49	217115	32,49

2 x JUBSL

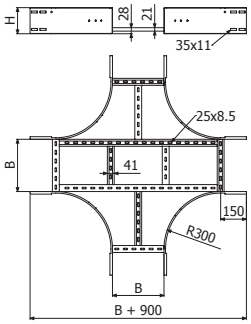


CRBSL-300

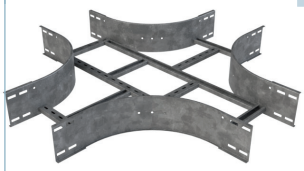


	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CRBSL-300 100X75X1,5	100	4"	75	3"	1,5	215376	8,24	216741	7,49	215399	7,49
CRBSL-300 150X75X1,5	150	6"	75	3"	1,5	215377	8,78	216742	7,98	215400	7,98
CRBSL-300 300X75X1,5	300	12"	75	3"	1,5	215378	10,51	216743	9,55	215401	9,55
CRBSL-300 450X75X1,5	450	18"	75	3"	1,5	215379	12,41	216744	11,28	215402	11,28
CRBSL-300 600X75X1,5	600	24"	75	3"	1,5	215380	14,48	216745	13,16	215403	13,16
CRBSL-300 750X75X1,5	750	30"	75	3"	1,5	215381	16,72	216746	15,20	215404	15,20
CRBSL-300 900X75X1,5	900	36"	75	3"	1,5	215382	19,14	216747	17,40	215405	17,40
CRBSL-300 150X100X1,5	150	6"	100	4"	1,5	215383	9,78	216748	8,80	215406	8,80
CRBSL-300 300X100X1,5	300	12"	100	4"	1,5	215384	11,53	216749	10,37	215407	10,37
CRBSL-300 450X100X1,5	450	18"	100	4"	1,5	215385	13,45	216750	12,10	215408	12,10
CRBSL-300 600X100X1,5	600	24"	100	4"	1,5	215386	15,54	216751	13,99	215409	13,99
CRBSL-300 750X100X1,5	750	30"	100	4"	1,5	215387	17,81	216752	16,03	215410	16,03
CRBSL-300 900X100X1,5	900	36"	100	4"	1,5	215388	20,26	216753	18,23	215411	18,23
CRBSL-300 150X125X2	150	6"	125	5"	2	215389	12,95	216754	11,98	215412	11,98
CRBSL-300 300X125X2	300	12"	125	5"	2	215390	14,70	216755	13,60	215413	13,60
CRBSL-300 450X125X2	450	18"	125	5"	2	215391	16,62	216756	15,37	215414	15,37
CRBSL-300 600X125X2	600	24"	125	5"	2	215392	18,71	216757	17,31	215415	17,31
CRBSL-300 750X125X2	750	30"	125	5"	2	215393	24,16	216758	22,35	215416	22,35
CRBSL-300 900X125X2	900	36"	125	5"	2	215394	27,28	216759	25,24	215417	25,24
CRBSL-300 150X150X2	150	6"	150	6"	2	215395	14,19	216760	13,12	215418	13,12
CRBSL-300 300X150X2	300	12"	150	6"	2	206986	15,93	216761	14,74	215419	14,74
CRBSL-300 450X150X2	450	18"	150	6"	2	215396	17,85	216762	16,51	215420	16,51
CRBSL-300 600X150X2	600	24"	150	6"	2	206988	19,95	216763	18,45	215421	18,45
CRBSL-300 750X150X2	750	30"	150	6"	2	215397	25,39	216764	23,49	215422	23,49
CRBSL-300 900X150X2	900	36"	150	6"	2	215398	28,52	216765	26,38	215423	26,38

2 x JUBSL

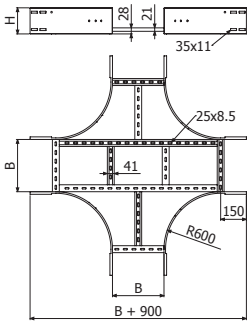


CRBSL-600

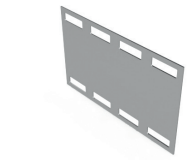


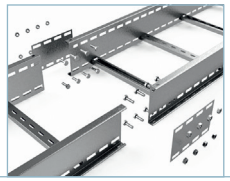
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CRBSL-600 100X75X1,5	100	4"	75	3"	1,5	216866	13,23	216991	12,02	217116	12,02
CRBSL-600 150X75X1,5	150	6"	75	3"	1,5	216867	13,88	216992	12,61	217117	12,61
CRBSL-600 300X75X1,5	300	12"	75	3"	1,5	216868	15,95	216993	14,50	217118	14,50
CRBSL-600 450X75X1,5	450	18"	75	3"	1,5	216869	18,20	216994	16,54	217119	16,54
CRBSL-600 600X75X1,5	600	24"	75	3"	1,5	216870	20,62	216995	18,74	217120	18,74
CRBSL-600 750X75X1,5	750	30"	75	3"	1,5	216871	23,21	216996	21,10	217121	21,10
CRBSL-600 900X75X1,5	900	36"	75	3"	1,5	216872	25,98	216997	23,61	217122	23,61
CRBSL-600 150X100X1,5	150	6"	100	4"	1,5	216873	15,44	216998	13,90	217123	13,90
CRBSL-600 300X100X1,5	300	12"	100	4"	1,5	216874	17,53	216999	15,78	217124	15,78
CRBSL-600 450X100X1,5	450	18"	100	4"	1,5	216875	19,80	217000	17,82	217125	17,82
CRBSL-600 600X100X1,5	600	24"	100	4"	1,5	216876	22,25	217001	20,02	217126	20,02
CRBSL-600 750X100X1,5	750	30"	100	4"	1,5	216877	24,87	217002	22,38	217127	22,38
CRBSL-600 900X100X1,5	900	36"	100	4"	1,5	216878	27,66	217003	24,90	217128	24,90
CRBSL-600 150X125X2	150	6"	125	5"	2	216879	20,55	217004	19,01	217129	19,01
CRBSL-600 300X125X2	300	12"	125	5"	2	216880	22,64	217005	20,95	217130	20,95
CRBSL-600 450X125X2	450	18"	125	5"	2	216881	24,91	217006	23,04	217131	23,04
CRBSL-600 600X125X2	600	24"	125	5"	2	216882	27,36	217007	25,31	217132	25,31
CRBSL-600 750X125X2	750	30"	125	5"	2	216883	34,03	217008	31,47	217133	31,47
CRBSL-600 900X125X2	900	36"	125	5"	2	216884	37,60	217009	34,78	217134	34,78
CRBSL-600 150X150X2	150	6"	150	6"	2	216885	22,54	217010	20,85	217135	20,85
CRBSL-600 300X150X2	300	12"	150	6"	2	216886	24,63	217011	22,78	217136	22,78
CRBSL-600 450X150X2	450	18"	150	6"	2	216887	26,90	217012	24,88	217137	24,88
CRBSL-600 600X150X2	600	24"	150	6"	2	216888	29,35	217013	27,14	217138	27,14
CRBSL-600 750X150X2	750	30"	150	6"	2	216889	36,01	217014	33,31	217139	33,31
CRBSL-600 900X150X2	900	36"	150	6"	2	216890	39,59	217015	36,62	217140	36,62

2 x JUBSL



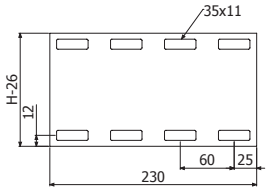
JUBSL



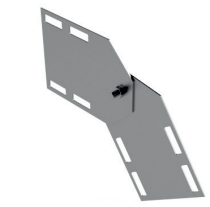


	e	GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBSL 75	2	215424	0,14	218509	0,13	215433	0,13
JUBSL 100	2	215425	0,24	215065	0,22	215434	0,22
JUBSL 125	2	215426	0,32	215476	0,30	215435	0,30
JUBSL 150	2	206445	0,40	215539	0,37	215436	0,37

8/100 x B3 (208827 - GC // 212096-i304 // 215575-i316)

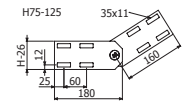


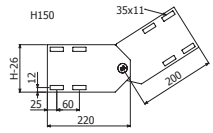
JUBSL-A



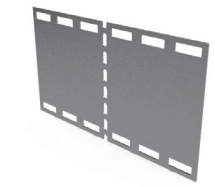
	e	GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBSL-A 75	2	215427	0,25	218510	0,23	215437	0,23
JUBSL-A 100	2	215428	0,42	215540	0,39	215438	0,39
JUBSL-A 125	2	215429	0,56	215541	0,52	215439	0,52
JUBSL-A 150	2	206447	0,70	215542	0,65	215440	0,65

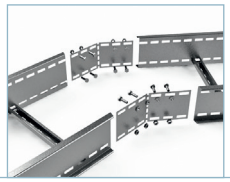
8/100 x B3 (208827 - GC // 212096-i304 // 215575-i316)





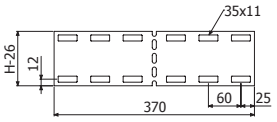
JUBSL-B



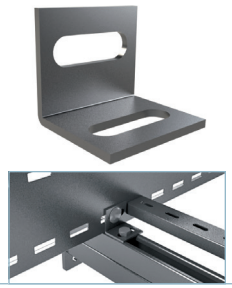


	e	GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBSL-B 75	2	215430	0,22	218511	0,21	215441	0,21
JUBSL-B 100	2	215431	0,37	215543	0,34	215442	0,34
JUBSL-B 125	2	215432	0,50	215550	0,46	215443	0,46
JUBSL-B 150	2	206449	0,62	215551	0,57	215444	0,57

8/100 x B3 (208827 - GC // 212096-i304 // 215575-i316)

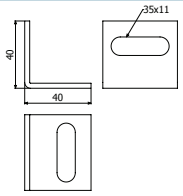


BBSL

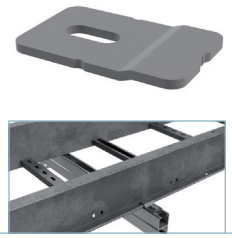


	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
BBSL 10	200855	0,6	218591	0,6	211311	0,6

SP/SPD --> DIN933 M10X30 (217547 - i304 // 217600-i316) + TM41 M10 (217584 - GC // 217612-i316) + DIN125 M10 (217542-i304) + B3 (208827-GC // 212096-i304 // 215575-i316)

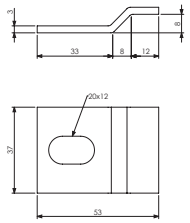


BBSLR



	GC		i304		i316	
	REF.	kg/udd	REF.	kg/ud	REF.	kg/ud
BBSLR 12	210267	0,04	218575	0,04	218592	0,04

SP/SPD --> DIN933 M10X30 (217547 - i304) + TM41 M10 (217584 - GC)



PVTBSL-E60

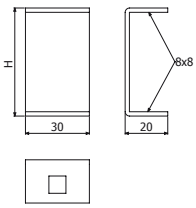


	H		i304	
	mm	inch	REF.	kg/ud
PVTBSL-E60	60	2 3/8"	218533	0,06

PVTBSL-E60 + 2/100 x B1 (204925) -->

4 x PVTBSL-E60 --> 1 x TCCBSL / TCXBSL

10

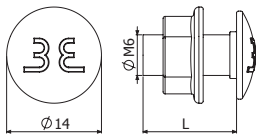


B1



	L	Pap	GC		i304	
	mm	N·m	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	206826	0,80	-	-
B1-100	20	6	-	-	204925	0,79

10

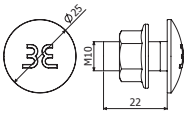


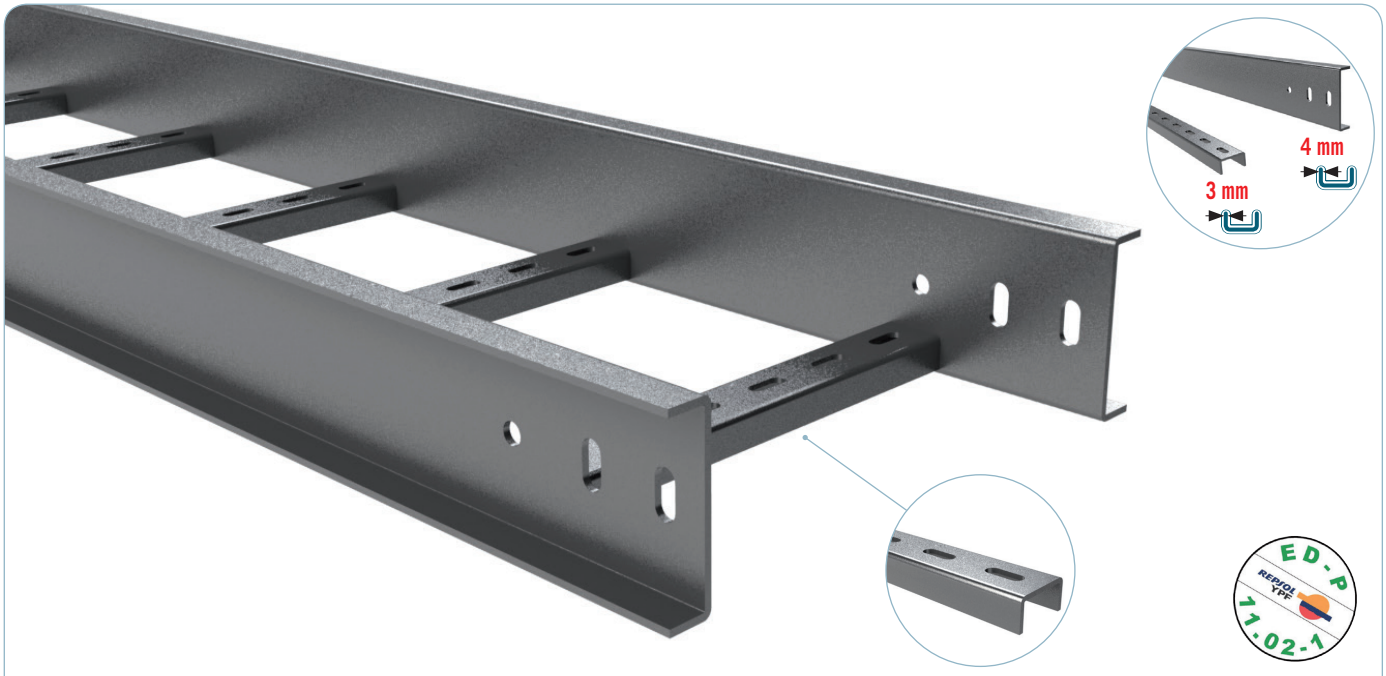
B3



	Pap	GC		i304		i316	
	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
B3-50	35	208827	1,80	212096	1,80	215575	1,80

15





L > 100 m * UNE-EN 61537

M0 UNE-EN 61537

150C -50C UNE-EN 61537

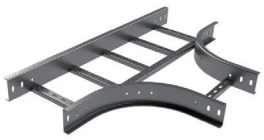
8 UNE-EN 61537

20J UNE-EN 61537


CPRP-300


CCRP-300


CXRP-300

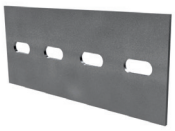

TERP-300

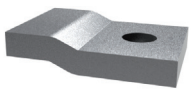

CRRP-300


RCRP


RIRP


RDRP


JURP

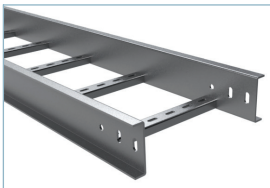

BRP


B3


CT3

		Filling Area					
B		H70 (2 3/4")		H100 (4")		H120 (4 5/7")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
100	4"	**46**	7,1	-	-	-	-
200	8"	**92**	14,3	-	-	-	-
300	12"	-	-	**228**	35,3	-	-
400	16"	-	-	**304**	47,1	-	-
600	24"	-	-	**456**	70,7	**576**	89,3

RP

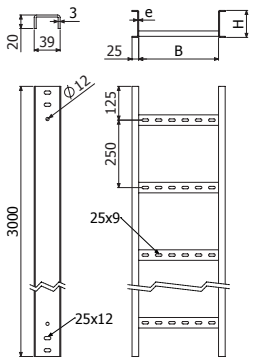


L = 3 m (10 ft)

	B		H		e	d=3m	GC85	
	mm	inch	mm	inch	mm	CTA (kg/m)	REF.	kg/m
RP 100x70x4-250 3M	100	4"	70	2 3/4"	4	218	205648	7,42
RP 200x70x4-250 3M	200	8"	70	2 3/4"	4	218	205114	8,12
RP 300x100x4-250 3M	300	12"	100	4"	4	372	203595	10,77
RP 400x100x4-250 3M	400	16"	100	4"	4	372	203596	11,45
RP 600x100x4-250 3M	600	24"	100	4"	4	372	203597	12,85
RP 600x120x4-250 3M	600	24"	120	4 5/7"	4	492	203598	14,15

2 x JURP

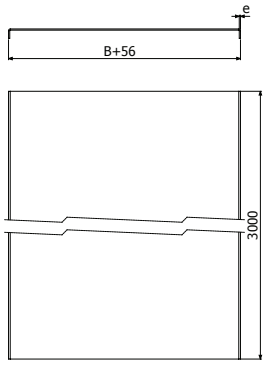
CTA



TRP

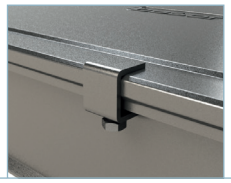


	B		e	GC85	
	mm	inch	mm	REF.	kg/m
TRP 100x2 3M	100	4"	2	203268	3,00
TRP 200x2 3M	200	8"	2	203269	4,65
TRP 300x2 3M	300	12"	2	203270	6,30
TRP 400x2 3M	400	16"	2	205852	7,95
TRP 600x2 3M	600	24"	2	205853	11,24



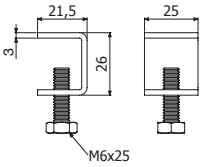
PTFE





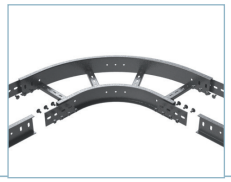
	Pap	e	i304	
	N·m	mm	REF.	kg/ud
PTFE	6	2	207054	0,02

4 x PTFE --> 1 x TFE



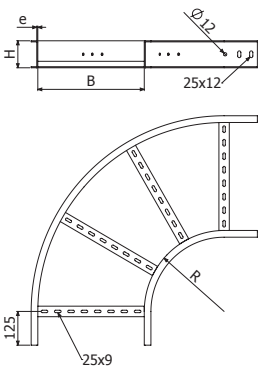
CPRP-300





	B		H		e	R	GC85	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
CPRP-300 100x70x4	100	4"	70	2 3/4"	4	300	205650	6,11
CPRP-300 200x70x4	200	8"	70	2 3/4"	4	300	205649	10,06
CPRP-300 300x100x4	300	12"	100	4"	4	300	203544	10,39
CPRP-300 400x100x4	400	16"	100	4"	4	300	203545	11,72
CPRP-300 600x100x4	600	24"	100	4"	4	300	205496	15,52
CPRP-300 600x120x4	600	24"	120	4 5/7"	4	300	203546	17,06

2 x JURP

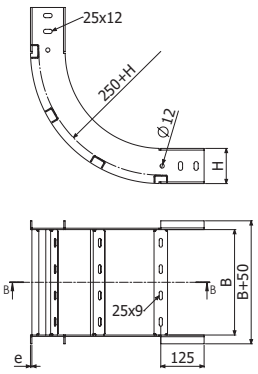


CCRP-300



	B		H		e	GC85	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCRP-300 100x70x4	100	4"	70	2 3/4"	4	205836	5,86
CCRP-300 200x70x4	200	8"	70	2 3/4"	4	205837	6,36
CCRP-300 300x100x4	300	12"	100	4"	4	205838	8,55
CCRP-300 400x100x4	400	16"	100	4"	4	205608	9,04
CCRP-300 600x100x4	600	24"	100	4"	4	205498	10,02
CCRP-300 600x120x4	600	24"	120	4 5/7"	4	205163	11,29

2 x JURP

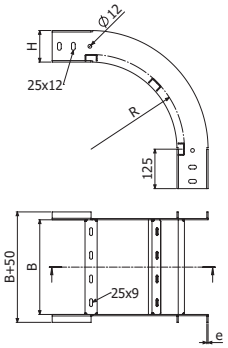


CXRP-300

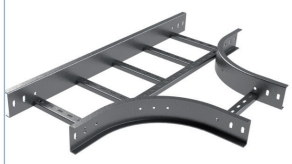


	B		H		e	R	GC85	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
CXRP-300 100x70x4	100	4"	70	2 3/4"	4	300	205840	5,86
CXRP-300 200x70x4	200	8"	70	2 3/4"	4	300	205841	6,36
CXRP-300 300x100x4	300	12"	100	4"	4	300	205116	8,55
CXRP-300 400x100x4	400	16"	100	4"	4	300	205611	9,04
CXRP-300 600x100x4	600	24"	100	4"	4	300	205497	10,02
CXRP-300 600x120x4	600	24"	120	4 5/7"	4	300	205047	11,29

2 x JURP

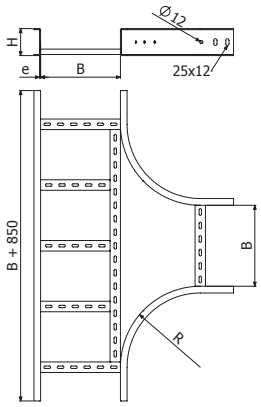


TERP-300



	B		H		e	R	GC85	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
TERP-300 100x70x4	100	4"	70	2 3/4"	4	300	205653	10,55
TERP-300 200x70x4	200	8"	70	2 3/4"	4	300	205652	12,01
TERP-300 300x100x4	300	12"	100	4"	4	300	205651	15,30
TERP-300 400x100x4	400	16"	100	4"	4	300	205598	16,80
TERP-300 600x120x4	600	24"	120	4 5/7"	4	300	203599	22,47

2 x JURP

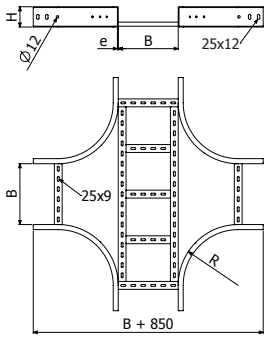


CRRP-300

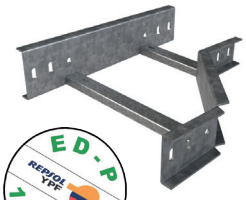


	B		H		e	R	GC85	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
CRRP-300 100x70x4	100	4''	70	2 3/4"	4	300	205842	12,41
CRRP-300 200x70x4	200	8''	70	2 3/4"	4	300	205655	14,25
CRRP-300 300x100x4	300	12''	100	4"	4	300	205654	18,36
CRRP-300 400x100x4	400	16''	100	4"	4	300	205599	20,20
CRRP-300 600x120x4	600	24''	120	4 5/7"	4	300	203600	25,01

2 x JURP

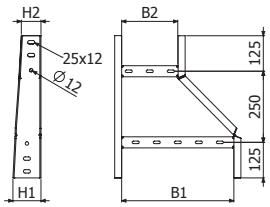


RIRP



	B1		H1		B2		H2		e	GC85	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
RIRP 400X100/200X70X4	400	16"	100	4"	200	8"	70	2 3/4"	4	205637	5,07
RIRP 600X120/400X100X4	600	24"	120	4 5/7"	400	16"	100	4"	4	205635	6,59

2 x JURP

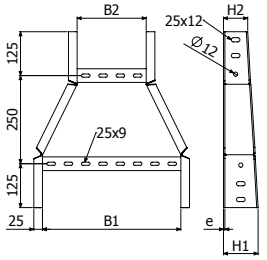


RCRP

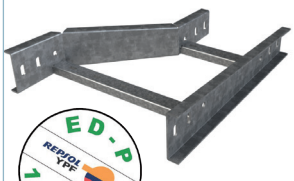


	B1		H1		B2		H2		e	GC85	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
RCRP 200x70x4/100x70x4	200	8"	70	2 3/4"	100	4"	70	2 3/4"	4	205843	4,01
RCRP 400x100x4/200x70x4	400	16"	100	4"	200	8"	70	2 3/4"	4	205115	5,13
RCRP 600x120x4/400x100x4	600	24"	120	4 5/7"	400	16"	100	4"	4	203601	6,64

2 x JURP

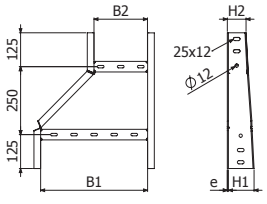


RDRP

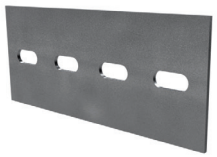


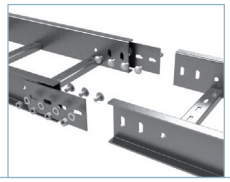
	B1		H1		B2		H2		e	GC85	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
RDRP 400X100/200X70X4	400	16"	100	4"	200	8"	70	2 3/4"	4	205636	5,07
RDRP 600X120/400X100X4	600	24"	120	4 5/7"	400	16"	100	4"	4	205634	6,59

2 x JURP



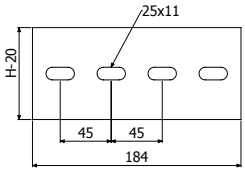
JURP





	H		e	GC85	
	mm	inch	mm	REF.	kg/ud
JURP 70	70	2 3/4"	3	205113	0,21
JURP 100/120	100	4"	3	203607	0,35

4/100 x CT3 (207133-i304)

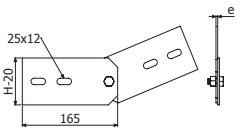


JURP-A

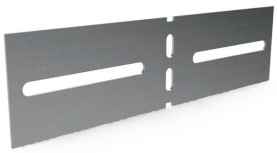


	H		e	GC85	
	mm	inch	mm	REF.	kg/ud
JURP-A 70	70	2 3/4"	3	212100	0,36
JURP-A 100/120	100	4"	3	205523	0,60

4/100 x CT3 (207133-i304)

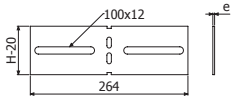


JURP-B

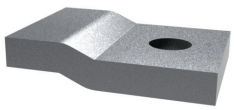


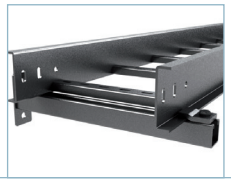
	H		e	GC85	
	mm	inch	mm	REF.	kg/ud
JURP-B 70	70	2 3/4"	3	205854	0,26
JURP-B 100/120	100	4"	3	205855	0,45

4/100 x CT3 (207133-i304)



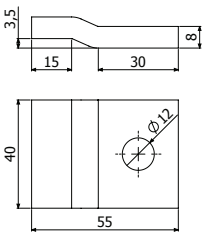
BRP





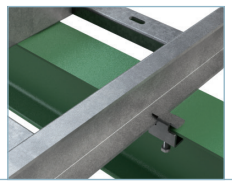
	GC85	
	REF.	kg/ud
BRP	205624	0,17

SP/SPD --> DIN933 M10X30 (217547 - i304) + TM41 M10 (217584 - GC)



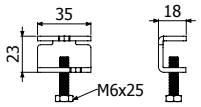
BEV





	H		i304	
	inch	mm	REF.	kg/ud
BEV	6	150	214473	0,05

10



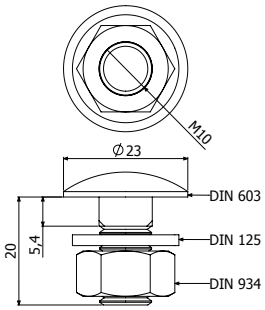
CT3

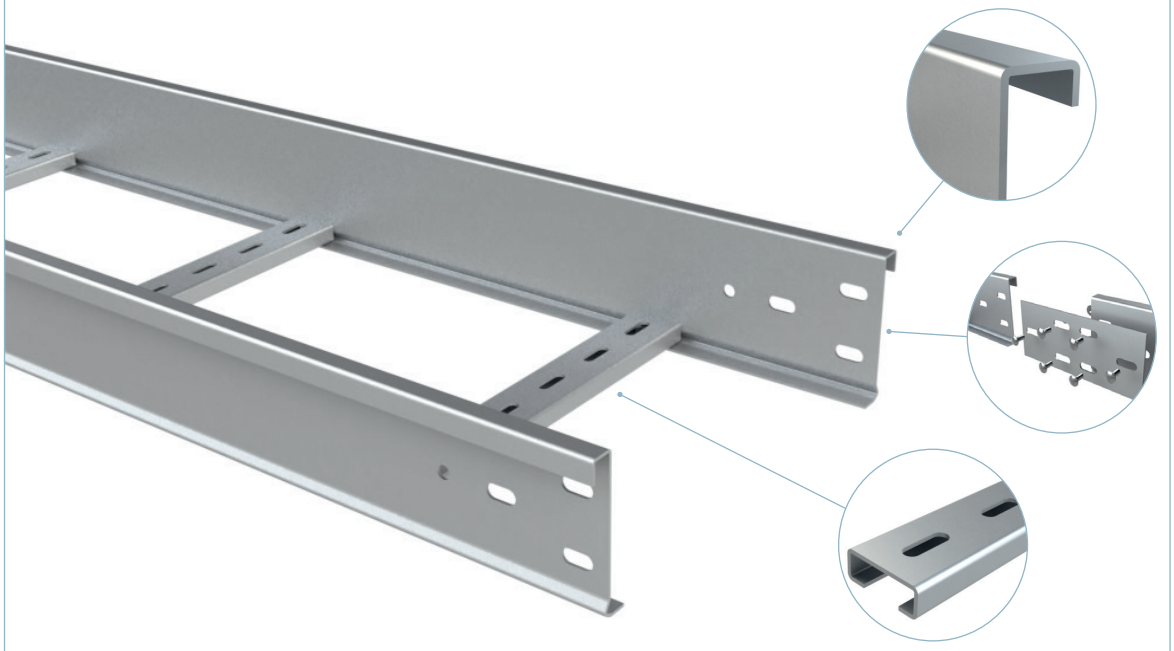




	Pap	i304	
	N·m	REF.	kg/ud
CT3-100 M10X20	35	207133	3,47

17





CERTIFIED
SAFETY US
E358301

L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

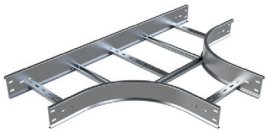
20J
UNE-EN 61537

AL x3 GS GC T304

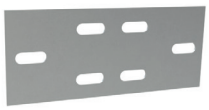

CPF-300


CCF-300


CXF-300


TEF-300


CRF-300


JUF


B1

		Filling Area	
B		H100 (4")	
mm	inch	cm²	in²
100	4"	83	12,9
150	6"	125	19,4
200	8"	166	25,7
300	12"	249	38,6
400	16"	332	51,5
500	20"	415	64,3
600	24"	498	77,2

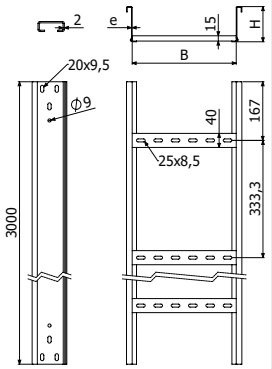
F



L = 3 m (10ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
F 100x100x2-333 3M	100	4"	100	4"	2	204523	1,63
F 150x100x2-333 3M	150	6"	100	4"	2	204524	1,69
F 200x100x2-333 3M	200	8"	100	4"	2	205960	1,75
F 300x100x2-333 3M	300	12"	100	4"	2	204525	1,87
F 400x100x2-333 3M	400	16"	100	4"	2	214938	1,99
F 500x100x2-333 3M	500	20"	100	4"	2	214939	2,11
F 600x100x2-333 3M	600	24"	100	4"	2	214940	2,23

2 x JUF 100 (204322 - AL)



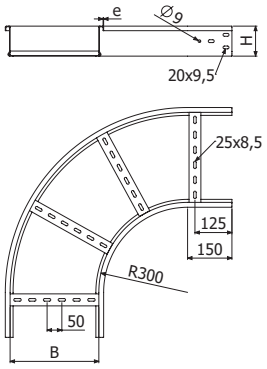
CPF-300





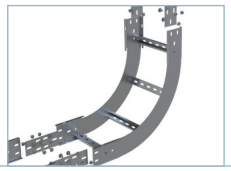
	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CPF-300 100x100x2	100	4"	100	4"	300	12"	2	206254	1,47
CPF-300 150x100x2	150	6"	100	4"	300	12"	2	204530	1,59
CPF-300 200x100x2	200	8"	100	4"	300	12"	2	206344	1,72
CPF-300 300x100x2	300	12"	100	4"	300	12"	2	204531	1,97
CPF-300 400x100x2	400	16"	100	4"	300	12"	2	217151	2,22
CPF-300 500x100x2	500	20"	100	4"	300	12"	2	217152	2,47
CPF-300 600x100x2	600	24"	100	4"	300	12"	2	217153	2,72

2 x JUF 100 (204322 - AL)



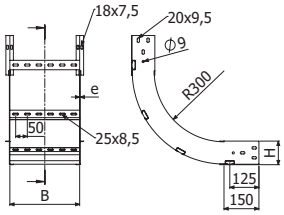
CCF-300





	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CCF-300 100x100x2	100	4"	100	4"	300	12"	2	204535	1,25
CCF-300 150x100x2	150	6"	100	4"	300	12"	2	204536	1,32
CCF-300 200x100x2	200	8"	100	4"	300	12"	2	206207	1,38
CCF-300 300x100x2	300	12"	100	4"	300	12"	2	204537	1,50
CCF-300 400x100x2	400	16"	100	4"	300	12"	2	217154	1,62
CCF-300 500x100x2	500	20"	100	4"	300	12"	2	217155	1,74
CCF-300 600x100x2	600	24"	100	4"	300	12"	2	217156	1,86

2 x JUF 100 (204322 - AL)

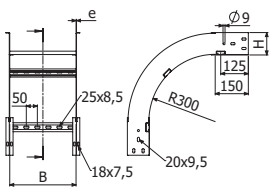


CXF-300

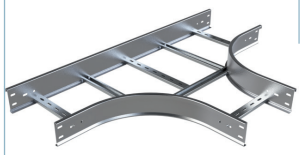


	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CXF-300 100x100x2	100	4"	100	4"	300	12"	2	204541	1,25
CXF-300 150x100x2	150	6"	100	4"	300	12"	2	204542	1,32
CXF-300 200x100x2	200	8"	100	4"	300	12"	2	204709	1,38
CXF-300 300x100x2	300	12"	100	4"	300	12"	2	204543	1,50
CXF-300 400x100x2	400	16"	100	4"	300	12"	2	217157	1,62
CXF-300 500x100x2	500	20"	100	4"	300	12"	2	217158	1,74
CXF-300 600x100x2	600	24"	100	4"	300	12"	2	217159	1,86

2 x JUF 100 (204322 - AL)

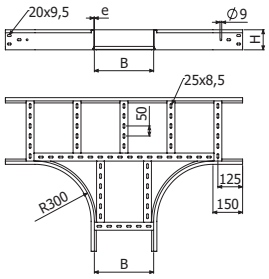


TEF-300



	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
TEF-300 100x100x2	100	4"	100	4"	300	12"	2	206024	1,37
TEF-300 150x100x2	150	6"	100	4"	300	12"	2	217160	1,49
TEF-300 200x100x2	200	8"	100	4"	300	12"	2	217161	1,62
TEF-300 300x100x2	300	12"	100	4"	300	12"	2	217162	1,86
TEF-300 400x100x2	400	16"	100	4"	300	12"	2	217163	2,10
TEF-300 500x100x2	500	20"	100	4"	300	12"	2	217164	2,34
TEF-300 600x100x2	600	24"	100	4"	300	12"	2	217165	2,58

2 x JUF 100 (204322 - AL)

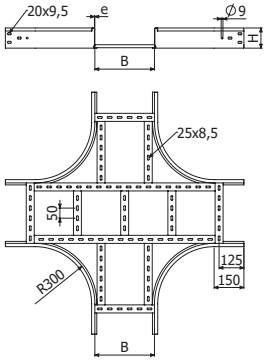


CRF-300

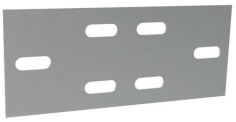


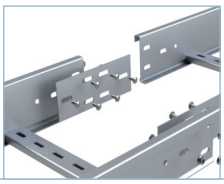
	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CRF-300 100x100x2	100	4"	100	4"	300	12"	2	217166	1,75
CRF-300 150x100x2	150	6"	100	4"	300	12"	2	217167	1,89
CRF-300 200x100x2	200	8"	100	4"	300	12"	2	217168	2,04
CRF-300 300x100x2	300	12"	100	4"	300	12"	2	217169	2,32
CRF-300 400x100x2	400	16"	100	4"	300	12"	2	217170	2,60
CRF-300 500x100x2	500	20"	100	4"	300	12"	2	217171	2,88
CRF-300 600x100x2	600	24"	100	4"	300	12"	2	217172	3,16

2 x JUF 100 (204322 - AL)



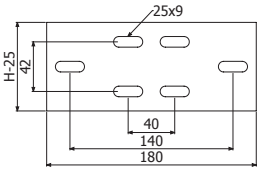
JUF



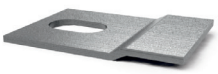


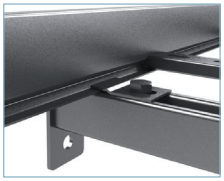
	H		e	AL	
	mm	inch	mm	REF.	kg/ud
JUF 100	100	4"	2,5	204322	0,07

6 /100 B2 (205392-i304)



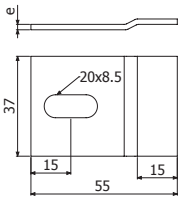
BFE



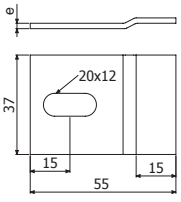


	e	AL	
	mm	REF.	kg/ud
BFE 8	3	204289	0,02
BFE 10	3	205411	0,02

SHL --> B2 (205392 - i304)
SP/SPD + BFE 8 --> ISO7380-2 M8X30 (218823 - i304) + TM41 M8 (217583 - GC)
SP/SPD + BFE 10 --> DIN933 M10X30 (217547 - i304) + TM41 M10 (217584 - GC)



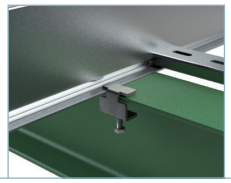
BEF 8



BEF 10

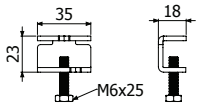
BEV





	H		i304	
	inch	mm	REF.	kg/ud
BEV	6	150	214473	0,05

10

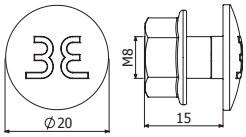


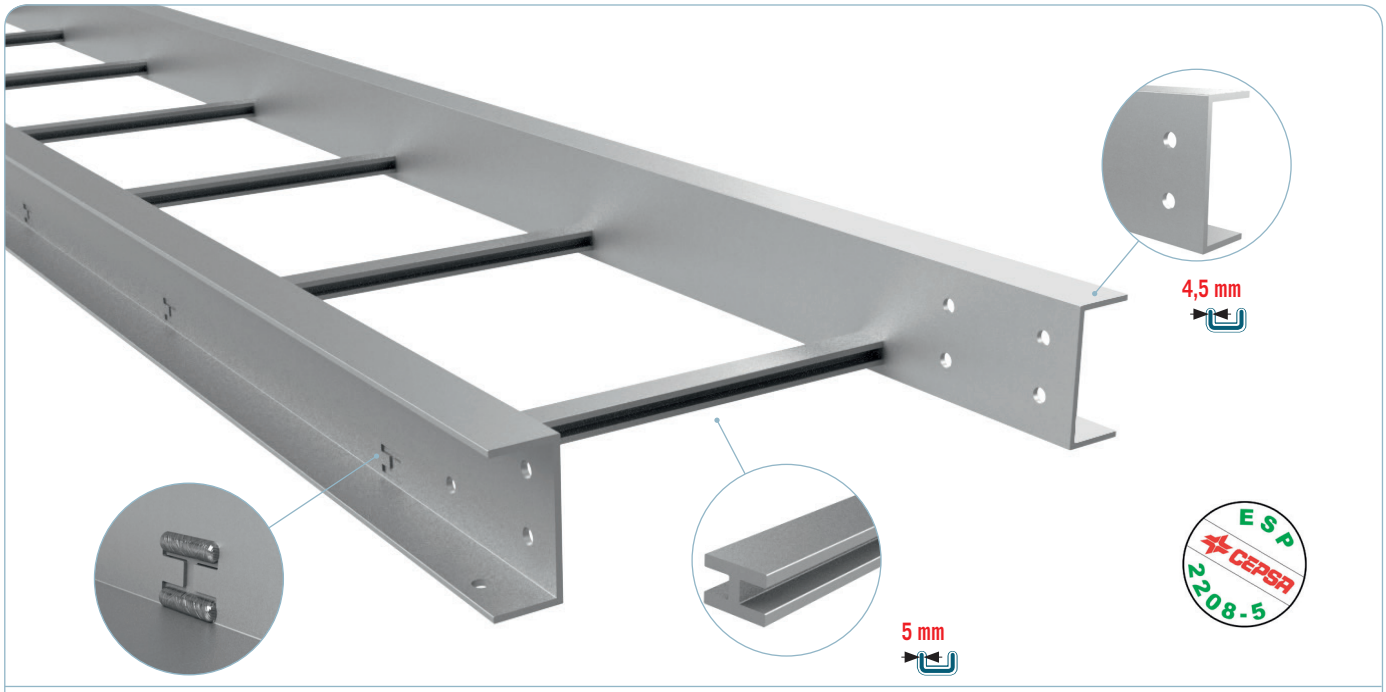
B2



	Pap	i304	
	N·m	REF.	kg/ud
B2-100	15	205392	1,71

13





L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

20J
UNE-EN 61537

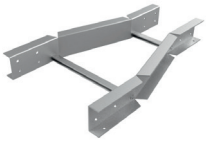
AL x3

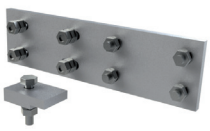

CPUEC-800


CCUEC-800


CXUEC-800


TEUEC-800

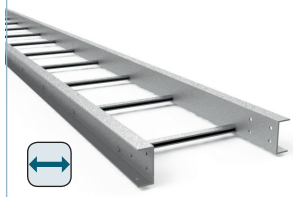

RCUEC


KUR


KUA

		Filling Area	
B		H100 (4")	
mm	inch	cm²	in²
100	4"	73	11,3
200	8"	146	22,6
300	12"	219	33,9
400	16"	292	45,3
600	24"	438	67,9

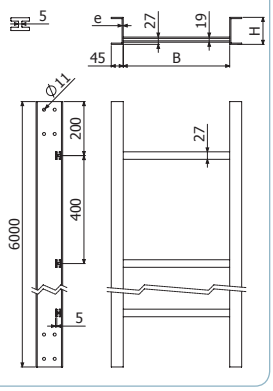
UEC



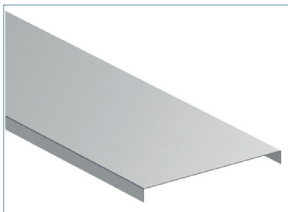
L = 6 m (20ft)

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
UEC 100x100x4,5-400 6M	100	4"	100	4"	4,5	206352	4,61
UEC 200x100x4,5-400 6M	200	8"	100	4"	4,5	204434	4,83
UEC 300x100x4,5-400 6M	300	12"	100	4"	4,5	204433	5,05
UEC 400x100x4,5-400 6M	400	16"	100	4"	4,5	204502	5,26
UEC 600x100x4,5-400 6M	600	24"	100	4"	4,5	204432	5,70

2 x KUR (205641)



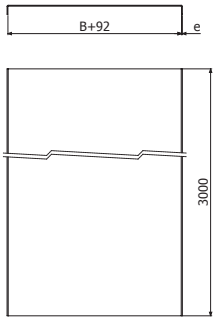
TUEC



L = 3 m (10 ft)

	B		L	AL	
	mm	inch	mm	REF.	kg/m
TUEC 100X1,5	100	4"	3000	217539	0,90
TUEC 200X1,5	200	8"	3000	206212	1,30
TUEC 300X1,5	300	12"	3000	206221	1,71
TUEC 400X1,5	400	16"	3000	204690	2,11
TUEC 600X1,5	600	24"	3000	206213	2,92

4 x PTFE -> 1 x TUEC

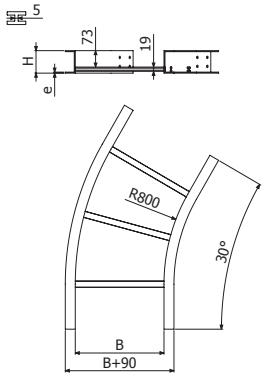


CPUEC30-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPUEC30-800 200x100x4,5	200	8"	100	4"	4,5	205801	4,46
CPUEC30-800 300x100x4,5	300	12"	100	4"	4,5	205802	4,85
CPUEC30-800 400x100x4,5	400	16"	100	4"	4,5	205803	5,24
CPUEC30-800 600x100x4,5	600	24"	100	4"	4,5	204568	6,02

2 x KUR (205641)

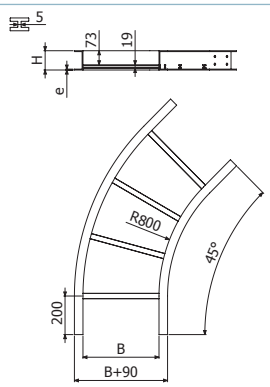


CPUEC45-800

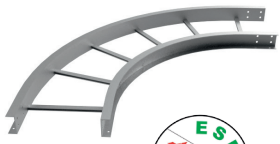


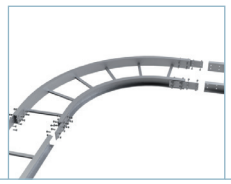
	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPUEC45-800 200x100x4,5	200	8"	100	4"	4,5	205618	5,53
CPUEC45-800 300x100x4,5	300	12"	100	4"	4,5	204566	6,25
CPUEC45-800 400x100x4,5	400	16"	100	4"	4,5	204634	6,80
CPUEC45-800 600x100x4,5	600	24"	100	4"	4,5	204567	7,87

2 x KUR (205641)



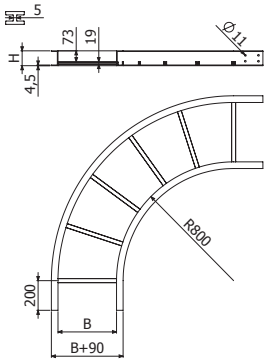
CPUEC-800





	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
CPUEC-800 100x100x4,5	100	4"	100	4"	4,5	206355	8,19
CPUEC-800 200x100x4,5	200	8"	100	4"	4,5	205067	8,70
CPUEC-800 300x100x4,5	300	12"	100	4"	4,5	204564	9,70
CPUEC-800 400x100x4,5	400	16"	100	4"	4,5	204693	11,07
CPUEC-800 600x100x4,5	600	24"	100	4"	4,5	204565	13,40

2 x KUR (205641)

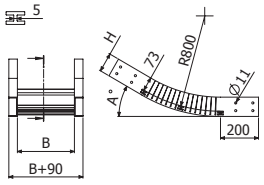


CCUEC30-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCUEC30 200x100x4,5	200	8"	100	4"	4,5	205807	8,02
CCUEC30 300x100x4,5	300	12"	100	4"	4,5	205808	8,47
CCUEC30 400x100x4,5	400	16"	100	4"	4,5	205809	8,92
CCUEC30 600x100x4,5	600	24"	100	4"	4,5	205810	9,83

2 x KUR (205641)

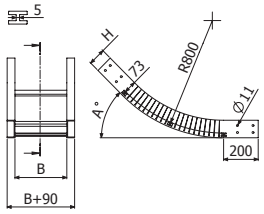


CCUEC45-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCUEC45 200x100x4,5	200	8"	100	4"	4,5	205804	5,00
CCUEC45 300x100x4,5	300	12"	100	4"	4,5	205805	5,27
CCUEC45 400x100x4,5	400	16"	100	4"	4,5	204633	5,55
CCUEC45 600x100x4,5	600	24"	100	4"	4,5	205806	6,09

2 x KUR (205641)

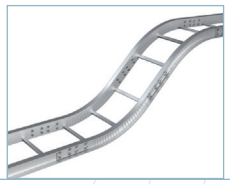


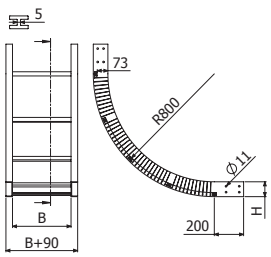
CCUEC-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCUEC 100x100x4,5	100	4"	100	4"	4,5	206354	7,57
CCUEC 200x100x4,5	200	8"	100	4"	4,5	205070	8,02
CCUEC 300x100x4,5	300	12"	100	4"	4,5	204662	8,47
CCUEC 400x100x4,5	400	16"	100	4"	4,5	204632	8,92
CCUEC 600x100x4,5	600	24"	100	4"	4,5	205708	9,83

2 x KUR (205641)



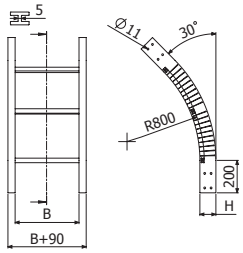


CXUEC30-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CXUEC30 200x100x4,5	200	8”	100	4”	4,5	205821	4,22
CXUEC30 300x100x4,5	300	12”	100	4”	4,5	205822	4,49
CXUEC30 400x100x4,5	400	16”	100	4”	4,5	205823	4,76
CXUEC30 600x100x4,5	600	24”	100	4”	4,5	205824	5,30

2 x KUR (205641)

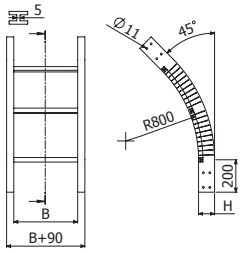


CXUEC45-800



	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CXUEC45 200x100x4,5	200	8”	100	4”	4,5	205811	5,17
CXUEC45 300x100x4,5	300	12”	100	4”	4,5	205812	5,44
CXUEC45 400x100x4,5	400	16”	100	4”	4,5	205813	5,71
CXUEC45 600x100x4,5	600	24”	100	4”	4,5	205814	6,25

2 x KUR (205641)

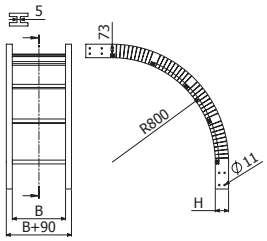


CXUEC-800

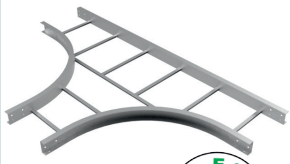


	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CXUEC 100x100x4,5	100	4”	100	4”	4,5	206353	7,91
CXUEC 200x100x4,5	200	8”	100	4”	4,5	205069	8,37
CXUEC 300x100x4,5	300	12”	100	4”	4,5	204663	8,82
CXUEC 400x100x4,5	400	16”	100	4”	4,5	205068	9,27
CXUEC 600x100x4,5	600	24”	100	4”	4,5	205709	10,17

2 x KUR (205641)

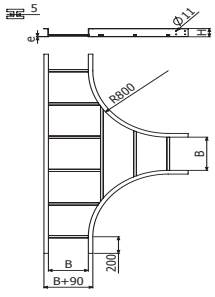


TEUEC-800

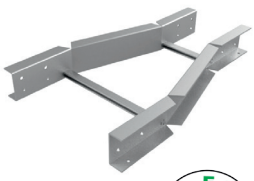


	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
TEUEC 200x100x4,5	200	8”	100	4”	4,5	205825	15,13
TEUEC 300x100x4,5	300	12”	100	4”	4,5	204569	16,19
TEUEC 400x100x4,5	400	16”	100	4”	4,5	204682	17,25
TEUEC 600x100x4,5	600	24”	100	4”	4,5	204673	19,94

2 x KUR (205641)

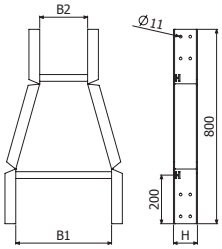


RCUEC

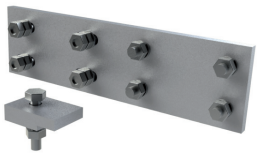


	B1		B2		H		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
RCUEC 300/200x100x4,5	300	12”	200	8”	100	4”	4,5	205826	3,95
RCUEC 400/300x100x4,5	400	16”	300	12”	100	4”	4,5	204570	4,13
RCUEC 600/400x100x4,5	600	24”	400	16”	100	4”	4,5	204571	4,44

2 x KUR (205641)



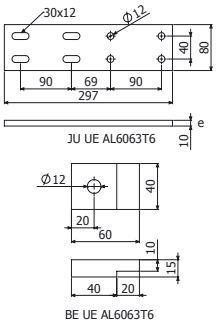
KUR



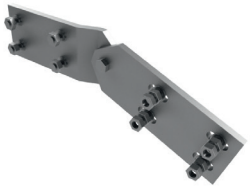
	e	AL	
	mm	REF.	kg/ud
KUR	10	205641	0,94

1x JUUE + 1x BEUE + 8x DIN933 M10x30 + 1x DIN933 M10x50 + 13x DIN934 M10 + 9x DIN125 M10 + 4x DIN127 M10

17

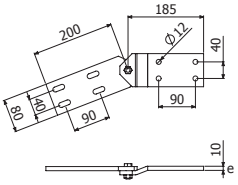


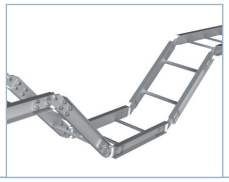
KUA

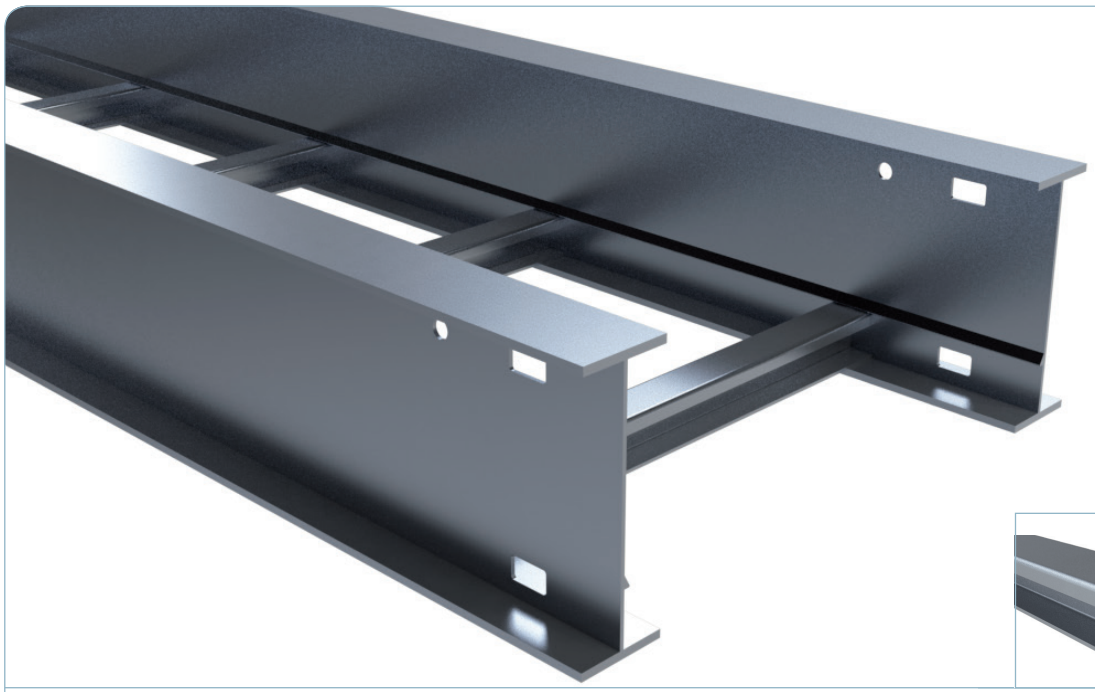


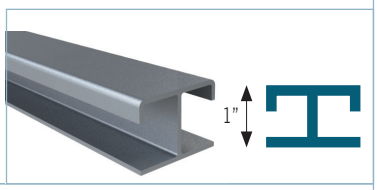
	e	AL	
	mm	REF.	kg/ud
KUA	10	205642	0,85

1x JUAUE + 8x DIN933 M10x30 + 12x DIN934 M10 + 8x DIN125 M10 + 4x DIN127 M10









L > 100 m *
UNE-EN 61537

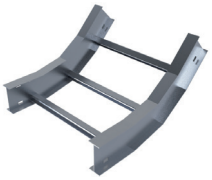
M0
UNE-EN 61537
UNE 23727

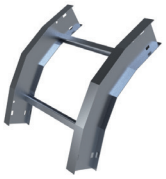
150°C
-50°C
UNE-EN 61537

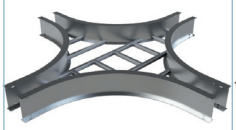
20J
UNE-EN 61537

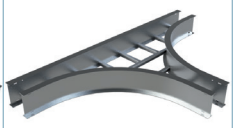
AL x3 GS GC 1304


CPI

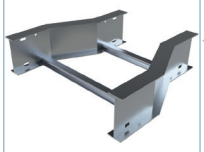

CCI

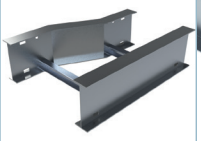

CXI

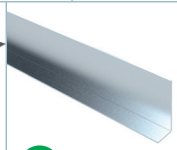

CRI


TEI


RII


RCI


RDI


N
PSI


JUI

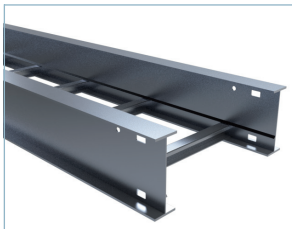

JUI-A


JUI-B


BEV

		Filling Area					
B		H4"		H5"		H6"	
inch	mm	in²	cm²	in²	cm²	in²	cm²
6"	150	17,0	109	23,0	148	29,0	187
9"	230	25,5	164	34,5	222	43,5	280
12"	300	34,1	219	46,1	297	58,1	374
18"	450	51,1	329	69,1	445	87,1	561
24"	600	68,2	439	92,2	594	116,2	749
30"	750	85,2	549	115,2	743	145,2	936
36"	900	102,3	659	138,3	892	174,3	1124

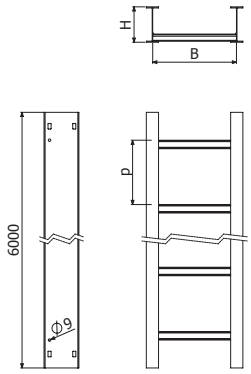
IL H4 (NEMA 16A / 12C)



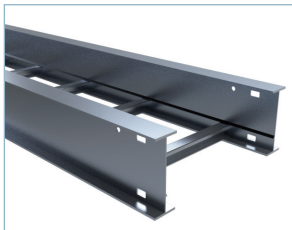
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IL 6x4-p 6M	6	150	4	100	210305	2,28	210324	2,12	210343	2,04
IL 9x4-p 6M	9	230	4	100	210306	2,52	210325	2,28	210344	2,16
IL 12x4-p 6M	12	300	4	100	210307	2,76	210326	2,44	210345	2,28
IL 18x4-p 6M	18	450	4	100	210308	3,24	210327	2,76	210346	2,52
IL 24x4-p 6M	24	600	4	100	210309	3,72	210328	3,08	210347	2,76
IL 30x4-p 6M	30	750	4	100	210310	4,20	210329	3,40	210348	3,00
IL 36x4-p 6M	36	900	4	100	210311	4,68	210330	3,72	210349	3,24

2 x JUI 4 (211220)



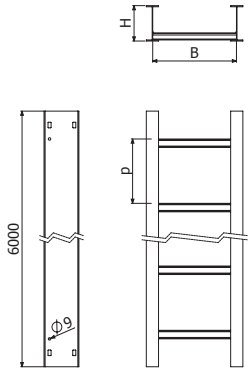
IL H5 (NEMA 16A / 12C)



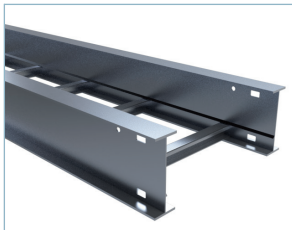
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IL-6x5-p 6M	6	150	5	125	214942	2,41	214943	2,26	214944	2,19
IL 9x5-p 6M	9	230	5	125	210312	2,58	210331	2,34	210350	2,22
IL 12x5-p 6M	12	300	5	125	210313	2,82	210332	2,50	210351	2,34
IL 18x5-p 6M	18	450	5	125	210314	3,30	210333	2,82	210352	2,58
IL 24x5-p 6M	24	600	5	125	210315	3,78	210334	3,14	210353	2,82
IL 30x5-p 6M	30	750	5	125	210316	4,26	210335	3,46	210354	3,06
IL 36x5-p 6M	36	900	5	125	210317	4,74	210336	3,78	210355	3,30

2 x JUI 5 (211221)



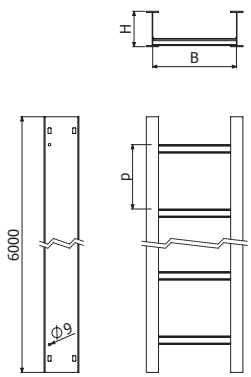
IL H6 (NEMA 20A / 16B / 12C)



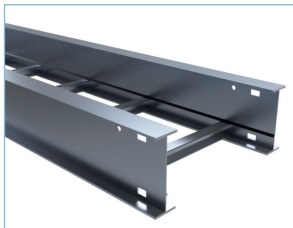
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IL 9x6-p 6M	9	230	6	150	210318	3,08	210337	2,84	210356	2,72
IL 12x6-p 6M	12	300	6	150	210319	3,32	210338	3,00	210357	2,84
IL 18x6-p 6M	18	450	6	150	210320	3,80	210339	3,32	210358	3,08
IL 24x6-p 6M	24	600	6	150	210321	4,28	210340	3,64	210359	3,32
IL 30x6-p 6M	30	750	6	150	210322	4,76	210341	3,96	210360	3,56
IL 36x6-p 6M	36	900	6	150	210323	5,24	210342	4,28	210361	3,80

2 x JUI 6 (211222)



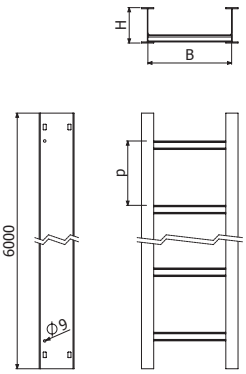
IS H4 (NEMA 20A / 16B)



L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IS 6x4-p 6M	6	150	4	100	210362	3,02	210381	2,86	210400	2,78
IS 9x4-p 6M	9	230	4	100	210363	3,26	210382	3,02	210401	2,90
IS 12x4-p 6M	12	300	4	100	210364	3,50	210383	3,18	210402	3,02
IS 18x4-p 6M	18	450	4	100	210365	3,98	210384	3,50	210403	3,26
IS 24x4-p 6M	24	600	4	100	210366	4,46	210385	3,82	210404	3,50
IS 30x4-p 6M	30	750	4	100	210367	4,94	210386	4,14	210405	3,74
IS 36x4-p 6M	36	900	4	100	210368	5,42	210387	4,46	210406	3,98

2 x JUI 4 (211220)



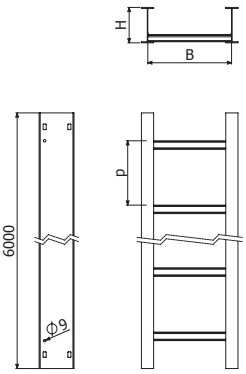
IS H5 (NEMA 20A /16B / 12C)



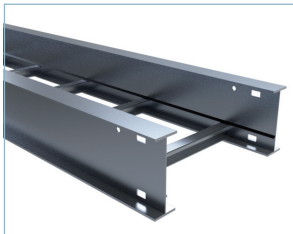
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IS 6x5-p 6M	6	150	5	125	214945	2,79	214946	2,54	214947	2,42
IS 9x5-p 6M	9	230	5	125	210369	2,82	210388	2,58	210407	2,46
IS 12x5-p 6M	12	300	5	125	210370	3,06	210389	2,74	210408	2,58
IS 18x5-p 6M	18	450	5	125	210371	3,54	210390	3,06	210409	2,82
IS 24x5-p 6M	24	600	5	125	210372	4,02	210391	3,38	210410	3,06
IS 30x5-p 6M	30	750	5	125	210373	4,50	210392	3,70	210411	3,30
IS 36x5-p 6M	36	900	5	125	210374	4,98	210393	4,02	210412	3,54

2 x JUI 5 (211221)



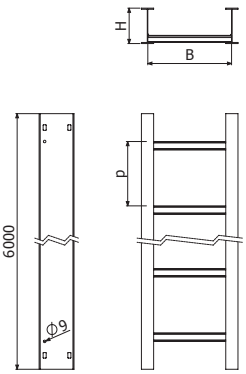
IS H6 (NEMA 20B / 16C)



L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IS 9x6-p 6M	9	230	6	150	210375	3,62	210394	3,38	210413	3,26
IS 12x6-p 6M	12	300	6	150	210376	3,86	210395	3,54	210414	3,38
IS 18x6-p 6M	18	450	6	150	210377	4,34	210396	3,86	210415	3,62
IS 24x6-p 6M	24	600	6	150	210378	4,82	210397	4,18	210416	3,86
IS 30x6-p 6M	30	750	6	150	210379	5,30	210398	4,50	210417	4,10
IS 36x6-p 6M	36	900	6	150	210380	5,78	210399	4,82	210418	4,34

2 x JUI 6 (211222)



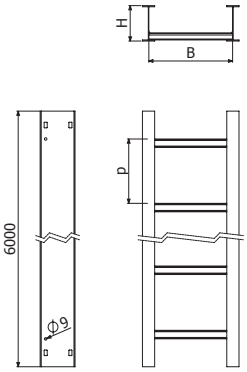
IR H4 (NEMA 20B / 16C)



L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IR 6x4-p 6M	6	150	4	100	210419	3,54	210438	3,38	210457	3,30
IR 9x4-p 6M	9	230	4	100	210420	3,78	210439	3,54	210458	3,42
IR 12x4-p 6M	12	300	4	100	210421	4,02	210440	3,70	210459	3,54
IR 18x4-p 6M	18	450	4	100	210422	4,50	210441	4,02	210460	3,78
IR 24x4-p 6M	24	600	4	100	210423	4,98	210442	4,34	210461	4,02
IR 30x4-p 6M	30	750	4	100	210424	5,46	210443	4,66	210462	4,26
IR 36x4-p 6M	36	900	4	100	210425	5,94	210444	4,98	210463	4,50

2 x JUI 4 (211220)



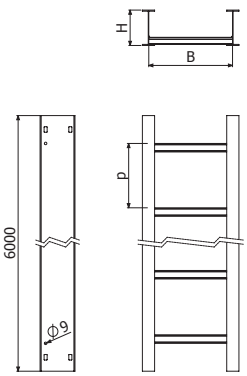
IR H5 (NEMA 20B / 16C)



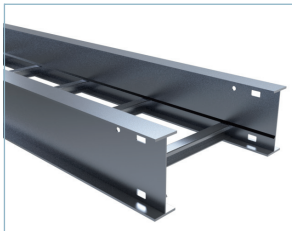
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IR 6x5-p 6M	6	150	5	125	214948	3,50	214949	3,26	214950	3,12
IR 9x5-p 6M	9	230	5	125	210426	3,62	210445	3,38	210464	3,26
IR 12x5-p 6M	12	300	5	125	210427	3,86	210446	3,54	210465	3,38
IR 18x5-p 6M	18	450	5	125	210428	4,34	210447	3,86	210466	3,62
IR 24x5-p 6M	24	600	5	125	210429	4,82	210448	4,18	210467	3,86
IR 30x5-p 6M	30	750	5	125	210430	5,30	210449	4,50	210468	4,10
IR 36x5-p 6M	36	900	5	125	210431	5,78	210450	4,82	210469	4,34

2 x JUI 5 (211221)



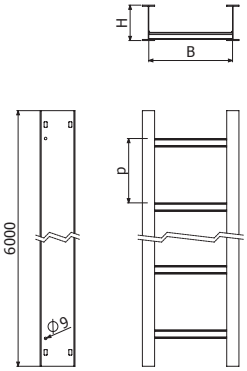
IR H6 (NEMA 20C)



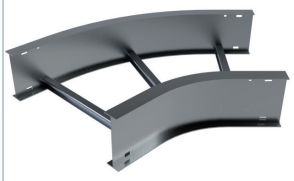
L = 6 m (20 ft)

	B		H		AL					
					p = 6" (150 mm)		p = 9" (230 mm)		p = 12" (300 mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
IR 9x6-p 6M	9	230	6	150	210432	4,24	210451	4,00	210470	3,88
IR 12x6-p 6M	12	300	6	150	210433	4,48	210452	4,16	210471	4,00
IR 18x6-p 6M	18	450	6	150	210434	4,96	210453	4,48	210472	4,24
IR 24x6-p 6M	24	600	6	150	210435	5,44	210454	4,80	210473	4,48
IR 30x6-p 6M	30	750	6	150	210436	5,92	210455	5,12	210474	4,72
IR 36x6-p 6M	36	900	6	150	210437	6,40	210456	5,44	210475	4,96

2 x JUI 6 (211222)

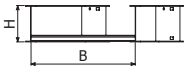


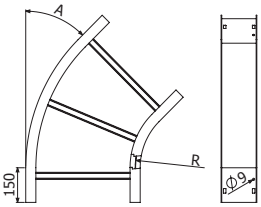
CPI H4



CPI 'A' - 'R' 'B'x'H'

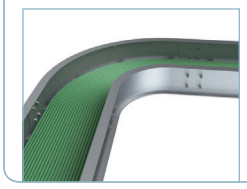
	A (º)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPI30-12 6x4	30	12	300	6	150	4	100	210476	1,44
CPI30-12 9x4	30	12	300	9	230	4	100	210477	1,56
CPI30-12 12x4	30	12	300	12	300	4	100	210478	1,68
CPI30-12 18x4	30	12	300	18	450	4	100	210479	1,93
CPI30-12 24x4	30	12	300	24	600	4	100	210480	2,44
CPI30-12 30x4	30	12	300	30	750	4	100	210481	2,75
CPI30-12 36x4	30	12	300	36	900	4	100	210482	3,06
CPI45-12 6x4	45	12	300	6	150	4	100	210483	1,70
CPI45-12 9x4	45	12	300	9	230	4	100	210484	1,85
CPI45-12 12x4	45	12	300	12	300	4	100	210485	2,13
CPI45-12 18x4	45	12	300	18	450	4	100	210486	2,49
CPI45-12 24x4	45	12	300	24	600	4	100	210487	2,85
CPI45-12 30x4	45	12	300	30	750	4	100	210488	3,21
CPI45-12 36x4	45	12	300	36	900	4	100	210489	3,99
CPI-12 6x4	90	12	300	6	150	4	100	210490	2,55
CPI-12 9x4	90	12	300	9	230	4	100	210491	2,81
CPI-12 12x4	90	12	300	12	300	4	100	210492	3,20
CPI-12 18x4	90	12	300	18	450	4	100	210493	3,78
CPI-12 24x4	90	12	300	24	600	4	100	210494	4,64
CPI-12 30x4	90	12	300	30	750	4	100	210495	5,30
CPI-12 36x4	90	12	300	36	900	4	100	210496	6,36
CPI30-24 6x4	30	24	600	6	150	4	100	210497	1,86
CPI30-24 9x4	30	24	600	9	230	4	100	210498	1,98
CPI30-24 12x4	30	24	600	12	300	4	100	210499	2,24
CPI30-24 18x4	30	24	600	18	450	4	100	210500	2,54
CPI30-24 24x4	30	24	600	24	600	4	100	210501	2,85
CPI30-24 30x4	30	24	600	30	750	4	100	210502	3,16
CPI30-24 36x4	30	24	600	36	900	4	100	210503	3,47
CPI45-24 6x4	45	24	600	6	150	4	100	210504	2,39
CPI45-24 9x4	45	24	600	9	230	4	100	210505	2,57
CPI45-24 12x4	45	24	600	12	300	4	100	210506	2,75
CPI45-24 18x4	45	24	600	18	450	4	100	210507	3,11
CPI45-24 24x4	45	24	600	24	600	4	100	210508	3,75
CPI45-24 30x4	45	24	600	30	750	4	100	210509	4,18
CPI45-24 36x4	45	24	600	36	900	4	100	210510	4,61
CPI-24 6x4	90	24	600	6	150	4	100	210511	3,86
CPI-24 9x4	90	24	600	9	230	4	100	210512	4,15
CPI-24 12x4	90	24	600	12	300	4	100	210513	4,58
CPI-24 18x4	90	24	600	18	450	4	100	210514	5,23
CPI-24 24x4	90	24	600	24	600	4	100	210515	6,16
CPI-24 30x4	90	24	600	30	750	4	100	210516	6,88
CPI-24 36x4	90	24	600	36	900	4	100	210517	8,01
CPI30-36 6x4	30	36	900	6	150	4	100	210518	2,34
CPI30-36 9x4	30	36	900	9	230	4	100	210519	2,49
CPI30-36 12x4	30	36	900	12	300	4	100	210520	2,65
CPI30-36 18x4	30	36	900	18	450	4	100	210521	2,96
CPI30-36 24x4	30	36	900	24	600	4	100	210522	3,27
CPI30-36 30x4	30	36	900	30	750	4	100	210523	3,58
CPI30-36 36x4	30	36	900	36	900	4	100	210524	4,30
CPI45-36 6x4	45	36	900	6	150	4	100	210525	3,01
CPI45-36 9x4	45	36	900	9	230	4	100	210526	3,19
CPI45-36 12x4	45	36	900	12	300	4	100	210527	3,51
CPI45-36 18x4	45	36	900	18	450	4	100	210528	3,94
CPI45-36 24x4	45	36	900	24	600	4	100	210529	4,37
CPI45-36 30x4	45	36	900	30	750	4	100	210530	4,80
CPI45-36 36x4	45	36	900	36	900	4	100	210531	5,64
CPI-36 6x4	90	36	900	6	150	4	100	210532	5,17
CPI-36 9x4	90	36	900	9	230	4	100	210533	5,49
CPI-36 12x4	90	36	900	12	300	4	100	210534	5,96
CPI-36 18x4	90	36	900	18	450	4	100	210535	6,68
CPI-36 24x4	90	36	900	24	600	4	100	210536	7,67
CPI-36 30x4	90	36	900	30	750	4	100	210537	8,46
CPI-36 36x4	90	36	900	36	900	4	100	210538	9,67



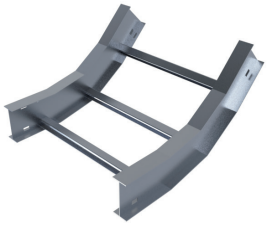


CPI 'A' - 'R' 'B'x'H'

2 x JUI 4 (211220)

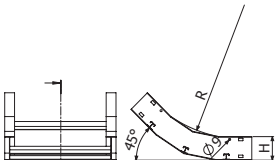


CCI H4

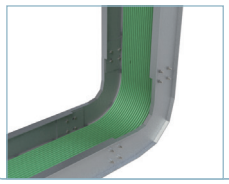


CCI 'A' - 'R' 'B'x'H'

	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCI30-12 6x4	30	12	300	6	150	4	100	210647	1,48
CCI30-12 9x4	30	12	300	9	230	4	100	210648	1,55
CCI30-12 12x4	30	12	300	12	300	4	100	210649	1,62
CCI30-12 18x4	30	12	300	18	450	4	100	210650	1,75
CCI30-12 24x4	30	12	300	24	600	4	100	210651	1,89
CCI30-12 30x4	30	12	300	30	750	4	100	210652	2,03
CCI30-12 36x4	30	12	300	36	900	4	100	210653	2,16
CCI45-12 6x4	45	12	300	6	150	4	100	210654	1,82
CCI45-12 9x4	45	12	300	9	230	4	100	210655	1,93
CCI45-12 12x4	45	12	300	12	300	4	100	210656	2,03
CCI45-12 18x4	45	12	300	18	450	4	100	210657	2,23
CCI45-12 24x4	45	12	300	24	600	4	100	210658	2,44
CCI45-12 30x4	45	12	300	30	750	4	100	210659	2,65
CCI45-12 36x4	45	12	300	36	900	4	100	210660	2,85
CCI-12 6x4	90	12	300	6	150	4	100	210661	2,72
CCI-12 9x4	90	12	300	9	230	4	100	210662	2,86
CCI-12 12x4	90	12	300	12	300	4	100	210663	2,99
CCI-12 18x4	90	12	300	18	450	4	100	210664	3,27
CCI-12 24x4	90	12	300	24	600	4	100	210665	3,54
CCI-12 30x4	90	12	300	30	750	4	100	210666	3,82
CCI-12 36x4	90	12	300	36	900	4	100	210667	4,09
CCI30-24 6x4	30	24	600	6	150	4	100	210668	1,96
CCI30-24 9x4	30	24	600	9	230	4	100	210669	2,06
CCI30-24 12x4	30	24	600	12	300	4	100	210670	2,17
CCI30-24 18x4	30	24	600	18	450	4	100	210671	2,37
CCI30-24 24x4	30	24	600	24	600	4	100	210672	2,58
CCI30-24 30x4	30	24	600	30	750	4	100	210673	2,78
CCI30-24 36x4	30	24	600	36	900	4	100	210674	2,99
CCI45-24 6x4	45	24	600	6	150	4	100	210675	2,51
CCI45-24 9x4	45	24	600	9	230	4	100	210676	2,65
CCI45-24 12x4	45	24	600	12	300	4	100	210677	2,79
CCI45-24 18x4	45	24	600	18	450	4	100	210678	3,06
CCI45-24 24x4	45	24	600	24	600	4	100	210679	3,34
CCI45-24 30x4	45	24	600	30	750	4	100	210680	3,61
CCI45-24 36x4	45	24	600	36	900	4	100	210681	3,88
CCI-24 6x4	90	24	600	6	150	4	100	210682	4,10
CCI-24 9x4	90	24	600	9	230	4	100	210683	4,30
CCI-24 12x4	90	24	600	12	300	4	100	210684	4,51
CCI-24 18x4	90	24	600	18	450	4	100	210685	4,92
CCI-24 24x4	90	24	600	24	600	4	100	210686	5,33
CCI-24 30x4	90	24	600	30	750	4	100	210687	5,74
CCI-24 36x4	90	24	600	36	900	4	100	210688	6,15
CCI30-36 6x4	30	36	900	6	150	4	100	210689	2,44
CCI30-36 9x4	30	36	900	9	230	4	100	210690	2,58
CCI30-36 12x4	30	36	900	12	300	4	100	210691	2,72
CCI30-36 18x4	30	36	900	18	450	4	100	210692	2,99
CCI30-36 24x4	30	36	900	24	600	4	100	210693	3,27
CCI30-36 30x4	30	36	900	30	750	4	100	210694	3,54
CCI30-36 36x4	30	36	900	36	900	4	100	210695	3,81
CCI45-36 6x4	45	36	900	6	150	4	100	210696	3,20
CCI45-36 9x4	45	36	900	9	230	4	100	210697	3,37
CCI45-36 12x4	45	36	900	12	300	4	100	210698	3,54
CCI45-36 18x4	45	36	900	18	450	4	100	210699	3,89
CCI45-36 24x4	45	36	900	24	600	4	100	210700	4,23
CCI45-36 30x4	45	36	900	30	750	4	100	210701	4,57
CCI45-36 36x4	45	36	900	36	900	4	100	210702	4,92
CCI-36 6x4	90	36	900	6	150	4	100	210703	5,54
CCI-36 9x4	90	36	900	9	230	4	100	210704	5,85
CCI-36 12x4	90	36	900	12	300	4	100	210705	6,16
CCI-36 18x4	90	36	900	18	450	4	100	210706	6,78
CCI-36 24x4	90	36	900	24	600	4	100	210707	7,40
CCI-36 30x4	90	36	900	30	750	4	100	210708	8,01
CCI-36 36x4	90	36	900	36	900	4	100	210709	8,63

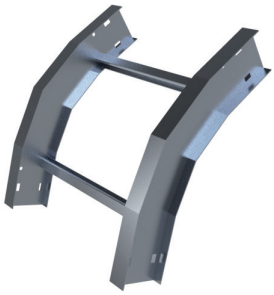


CCI 'A' - 'R' 'B'x'H'



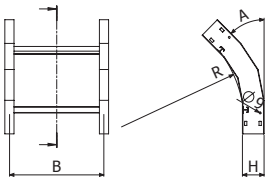
2 x JUI 4 (211220)

CXI H4



CXI 'A' - 'R' 'B'x'H'

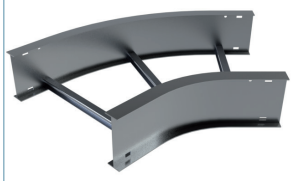
	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXI30-12 6x4	30	12	300	6	150	4	100	210818	1,48
CXI30-12 9x4	30	12	300	9	230	4	100	210819	1,55
CXI30-12 12x4	30	12	300	12	300	4	100	210820	1,62
CXI30-12 18x4	30	12	300	18	450	4	100	210821	1,75
CXI30-12 24x4	30	12	300	24	600	4	100	210822	1,89
CXI30-12 30x4	30	12	300	30	750	4	100	210823	2,03
CXI30-12 36x4	30	12	300	36	900	4	100	210824	2,16
CXI45-12 6x4	45	12	300	6	150	4	100	210825	1,82
CXI45-12 9x4	45	12	300	9	230	4	100	210826	1,93
CXI45-12 12x4	45	12	300	12	300	4	100	210827	2,03
CXI45-12 18x4	45	12	300	18	450	4	100	210828	2,23
CXI45-12 24x4	45	12	300	24	600	4	100	210829	2,44
CXI45-12 30x4	45	12	300	30	750	4	100	210830	2,65
CXI45-12 36x4	45	12	300	36	900	4	100	210831	2,85
CXI-12 6x4	90	12	300	6	150	4	100	210832	2,72
CXI-12 9x4	90	12	300	9	230	4	100	210833	2,86
CXI-12 12x4	90	12	300	12	300	4	100	210834	2,99
CXI-12 18x4	90	12	300	18	450	4	100	210835	3,27
CXI-12 24x4	90	12	300	24	600	4	100	210836	3,54
CXI-12 30x4	90	12	300	30	750	4	100	210837	3,82
CXI-12 36x4	90	12	300	36	900	4	100	210838	4,09
CXI30-24 6x4	30	24	600	6	150	4	100	210839	1,96
CXI30-24 9x4	30	24	600	9	230	4	100	210840	2,06
CXI30-24 12x4	30	24	600	12	300	4	100	210841	2,17
CXI30-24 18x4	30	24	600	18	450	4	100	210842	2,37
CXI30-24 24x4	30	24	600	24	600	4	100	210843	2,58
CXI30-24 30x4	30	24	600	30	750	4	100	210844	2,78
CXI30-24 36x4	30	24	600	36	900	4	100	210845	2,99
CXI45-24 6x4	45	24	600	6	150	4	100	210846	2,51
CXI45-24 9x4	45	24	600	9	230	4	100	210847	2,65
CXI45-24 12x4	45	24	600	12	300	4	100	210848	2,79
CXI45-24 18x4	45	24	600	18	450	4	100	210849	3,06
CXI45-24 24x4	45	24	600	24	600	4	100	210850	3,34
CXI45-24 30x4	45	24	600	30	750	4	100	210851	3,61
CXI45-24 36x4	45	24	600	36	900	4	100	210852	3,88
CXI-24 6x4	90	24	600	6	150	4	100	210853	4,10
CXI-24 9x4	90	24	600	9	230	4	100	210854	4, 30
CXI-24 12x4	90	24	600	12	300	4	100	210855	4,51
CXI-24 18x4	90	24	600	18	450	4	100	210856	4,92
CXI-24 24x4	90	24	600	24	600	4	100	210857	5,33
CXI-24 30x4	90	24	600	30	750	4	100	210858	5,74
CXI-24 36x4	90	24	600	36	900	4	100	210859	6,15
CXI30-36 6x4	30	36	900	6	150	4	100	210860	2,44
CXI30-36 9x4	30	36	900	9	230	4	100	210861	2,58
CXI30-36 12x4	30	36	900	12	300	4	100	210862	2,72
CXI30-36 18x4	30	36	900	18	450	4	100	210863	2,99
CXI30-36 24x4	30	36	900	24	600	4	100	210864	3,27
CXI30-36 30x4	30	36	900	30	750	4	100	210865	3,54
CXI30-36 36x4	30	36	900	36	900	4	100	210866	3,81
CXI45-36 6x4	45	36	900	6	150	4	100	210867	3,20
CXI45-36 9x4	45	36	900	9	230	4	100	210868	3,37
CXI45-36 12x4	45	36	900	12	300	4	100	210869	3,54
CXI45-36 18x4	45	36	900	18	450	4	100	210870	3,89
CXI45-36 24x4	45	36	900	24	600	4	100	210871	4,23
CXI45-36 30x4	45	36	900	30	750	4	100	210872	4,57
CXI45-36 36x4	45	36	900	36	900	4	100	210873	4,92
CXI-36 6x4	90	36	900	6	150	4	100	210874	5,54
CXI-36 9x4	90	36	900	9	230	4	100	210875	5,85
CXI-36 12x4	90	36	900	12	300	4	100	210876	6,16
CXI-36 18x4	90	36	900	18	450	4	100	210877	6,78
CXI-36 24x4	90	36	900	24	600	4	100	210878	7,40
CXI-36 30x4	90	36	900	30	750	4	100	210879	8,01
CXI-36 36x4	90	36	900	36	900	4	100	210880	8,63



CXI 'A' - 'R' 'B'x'H'

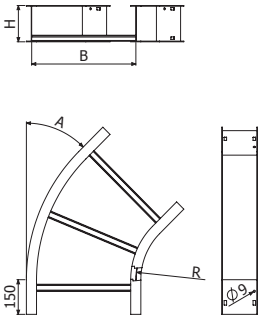
2 x JUI 4 (211220)

CPI H5



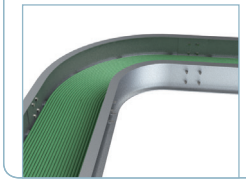
CPI 'A' - 'R' 'B'x'H'

	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPI30-12 6x5	30	12	300	6	150	5	125	214951	1,55
CPI30-12 9x5	30	12	300	9	230	5	125	210539	1,67
CPI30-12 12x5	30	12	300	12	300	5	125	210540	1,80
CPI30-12 18x5	30	12	300	18	450	5	125	210541	2,05
CPI30-12 24x5	30	12	300	24	600	5	125	210542	2,57
CPI30-12 30x5	30	12	300	30	750	5	125	210543	2,89
CPI30-12 36x5	30	12	300	36	900	5	125	210544	3,21
CPI45-12 6x5	45	12	300	6	150	5	125	214952	1,83
CPI45-12 9x5	45	12	300	9	230	5	125	210545	1,98
CPI45-12 12x5	45	12	300	12	300	5	125	210546	2,27
CPI45-12 18x5	45	12	300	18	450	5	125	210547	2,64
CPI45-12 24x5	45	12	300	24	600	5	125	210548	3,02
CPI45-12 30x5	45	12	300	30	750	5	125	210549	3,39
CPI45-12 36x5	45	12	300	36	900	5	125	210550	4,18
CPI-12 6x5	90	12	300	6	150	5	125	214953	2,73
CPI-12 9x5	90	12	300	9	230	5	125	210551	3,01
CPI-12 12x5	90	12	300	12	300	5	125	210552	3,41
CPI-12 18x5	90	12	300	18	450	5	125	210553	4,02
CPI-12 24x5	90	12	300	24	600	5	125	210554	4,91
CPI-12 30x5	90	12	300	30	750	5	125	210555	5,58
CPI-12 36x5	90	12	300	36	900	5	125	210556	6,67
CPI30-24 6x5	30	24	600	6	150	5	125	214954	2,00
CPI30-24 9x5	30	24	600	9	230	5	125	210557	2,12
CPI30-24 12x5	30	24	600	12	300	5	125	210558	2,38
CPI30-24 18x5	30	24	600	18	450	5	125	210559	2,70
CPI30-24 24x5	30	24	600	24	600	5	125	210560	3,02
CPI30-24 30x5	30	24	600	30	750	5	125	210561	3,33
CPI30-24 36x5	30	24	600	36	900	5	125	210562	3,65
CPI45-24 6x5	45	24	600	6	150	5	125	214955	2,57
CPI45-24 9x5	45	24	600	9	230	5	125	210563	2,75
CPI45-24 12x5	45	24	600	12	300	5	125	210564	2,94
CPI45-24 18x5	45	24	600	18	450	5	125	210565	3,31
CPI45-24 24x5	45	24	600	24	600	5	125	210566	3,96
CPI45-24 30x5	45	24	600	30	750	5	125	210567	4,40
CPI45-24 36x5	45	24	600	36	900	5	125	210568	4,85
CPI-24 6x5	90	24	600	6	150	5	125	214956	4,14
CPI-24 9x5	90	24	600	9	230	5	125	210569	4,45
CPI-24 12x5	90	24	600	12	300	5	125	210570	4,89
CPI-24 18x5	90	24	600	18	450	5	125	210571	5,57
CPI-24 24x5	90	24	600	24	600	5	125	210572	6,52
CPI-24 30x5	90	24	600	30	750	5	125	210573	7,27
CPI-24 36x5	90	24	600	36	900	5	125	210574	8,43
CPI30-36 6x5	30	36	900	6	150	5	125	214957	2,51
CPI30-36 9x5	30	36	900	9	230	5	125	210575	2,67
CPI30-36 12x5	30	36	900	12	300	5	125	210576	2,83
CPI30-36 18x5	30	36	900	18	450	5	125	210577	3,15
CPI30-36 24x5	30	36	900	24	600	5	125	210578	3,46
CPI30-36 30x5	30	36	900	30	750	5	125	210579	3,78
CPI30-36 36x5	30	36	900	36	900	5	125	210580	4,51
CPI45-36 6x5	45	36	900	6	150	5	125	214958	3,24
CPI45-36 9x5	45	36	900	9	230	5	125	210581	3,42
CPI45-36 12x5	45	36	900	12	300	5	125	210582	3,75
CPI45-36 18x5	45	36	900	18	450	5	125	210583	4,19
CPI45-36 24x5	45	36	900	24	600	5	125	210584	4,63
CPI45-36 30x5	45	36	900	30	750	5	125	210585	5,07
CPI45-36 36x5	45	36	900	36	900	5	125	210586	5,93
CPI-36 6x5	90	36	900	6	150	5	125	214959	5,55
CPI-36 9x5	90	36	900	9	230	5	125	210587	5,89
CPI-36 12x5	90	36	900	12	300	5	125	210588	6,37
CPI-36 18x5	90	36	900	18	450	5	125	210589	7,12
CPI-36 24x5	90	36	900	24	600	5	125	210590	8,14
CPI-36 30x5	90	36	900	30	750	5	125	210591	8,95
CPI-36 36x5	90	36	900	36	900	5	125	210592	10,18

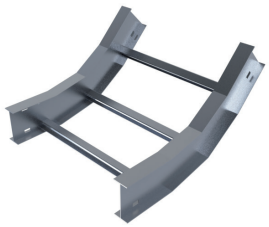


CPI 'A' - 'R' 'B'x'H'

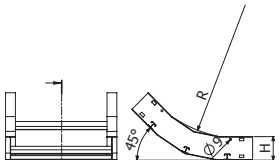
2 x JUI 5 (211221)



CCI H5



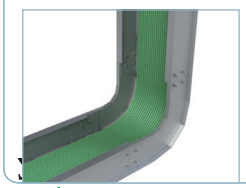
CCI 'A' - 'R' 'B'x'H'



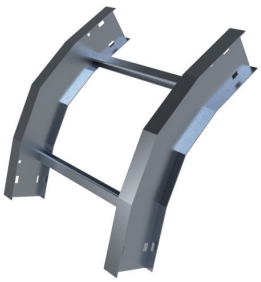
CCI 'A' - 'R' 'B'x'H'

	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCI30-12 6x5	30	12	300	6	150	5	125	214960	1,69
CCI30-12 9x5	30	12	300	9	230	5	125	210710	1,80
CCI30-12 12x5	30	12	300	12	300	5	125	210711	1,90
CCI30-12 18x5	30	12	300	18	450	5	125	210712	2,10
CCI30-12 24x5	30	12	300	24	600	5	125	210713	2,31
CCI30-12 30x5	30	12	300	30	750	5	125	210714	2,52
CCI30-12 36x5	30	12	300	36	900	5	125	210715	2,72
CCI45-12 6x5	45	12	300	6	150	5	125	214961	2,01
CCI45-12 9x5	45	12	300	9	230	5	125	210716	2,11
CCI45-12 12x5	45	12	300	12	300	5	125	210717	2,21
CCI45-12 18x5	45	12	300	18	450	5	125	210718	2,42
CCI45-12 24x5	45	12	300	24	600	5	125	210719	2,63
CCI45-12 30x5	45	12	300	30	750	5	125	210720	2,83
CCI45-12 36x5	45	12	300	36	900	5	125	210721	3,04
CCI-12 6x5	90	12	300	6	150	5	125	214962	3,03
CCI-12 9x5	90	12	300	9	230	5	125	210722	3,16
CCI-12 12x5	90	12	300	12	300	5	125	210723	3,30
CCI-12 18x5	90	12	300	18	450	5	125	210724	3,58
CCI-12 24x5	90	12	300	24	600	5	125	210725	3,85
CCI-12 30x5	90	12	300	30	750	5	125	210726	4,12
CCI-12 36x5	90	12	300	36	900	5	125	210727	4,40
CCI30-24 6x5	30	24	600	6	150	5	125	214963	2,14
CCI30-24 9x5	30	24	600	9	230	5	125	210728	2,24
CCI30-24 12x5	30	24	600	12	300	5	125	210729	2,34
CCI30-24 18x5	30	24	600	18	450	5	125	210730	2,55
CCI30-24 24x5	30	24	600	24	600	5	125	210731	2,76
CCI30-24 30x5	30	24	600	30	750	5	125	210732	2,96
CCI30-24 36x5	30	24	600	36	900	5	125	210733	3,17
CCI45-24 6x5	45	24	600	6	150	5	125	214964	2,75
CCI45-24 9x5	45	24	600	9	230	5	125	210734	2,88
CCI45-24 12x5	45	24	600	12	300	5	125	210735	3,02
CCI45-24 18x5	45	24	600	18	450	5	125	210736	3,30
CCI45-24 24x5	45	24	600	24	600	5	125	210737	3,57
CCI45-24 30x5	45	24	600	30	750	5	125	210738	3,84
CCI45-24 36x5	45	24	600	36	900	5	125	210739	4,12
CCI-24 6x5	90	24	600	6	150	5	125	214965	4,57
CCI-24 9x5	90	24	600	9	230	5	125	210740	4,81
CCI-24 12x5	90	24	600	12	300	5	125	210741	5,05
CCI-24 18x5	90	24	600	18	450	5	125	210742	5,53
CCI-24 24x5	90	24	600	24	600	5	125	210743	6,01
CCI-24 30x5	90	24	600	30	750	5	125	210744	6,49
CCI-24 36x5	90	24	600	36	900	5	125	210745	6,97
CCI30-36 6x5	30	36	900	6	150	5	125	214966	2,65
CCI30-36 9x5	30	36	900	9	230	5	125	210746	2,79
CCI30-36 12x5	30	36	900	12	300	5	125	210747	2,93
CCI30-36 18x5	30	36	900	18	450	5	125	210748	3,20
CCI30-36 24x5	30	36	900	24	600	5	125	210749	3,48
CCI30-36 30x5	30	36	900	30	750	5	125	210750	3,75
CCI30-36 36x5	30	36	900	36	900	5	125	210751	4,03
CCI45-36 6x5	45	36	900	6	150	5	125	214967	3,49
CCI45-36 9x5	45	36	900	9	230	5	125	210752	3,66
CCI45-36 12x5	45	36	900	12	300	5	125	210753	3,83
CCI45-36 18x5	45	36	900	18	450	5	125	210754	4,17
CCI45-36 24x5	45	36	900	24	600	5	125	210755	4,52
CCI45-36 30x5	45	36	900	30	750	5	125	210756	4,86
CCI45-36 36x5	45	36	900	36	900	5	125	210757	5,20
CCI-36 6x5	90	36	900	6	150	5	125	214968	6,05
CCI-36 9x5	90	36	900	9	230	5	125	210758	6,36
CCI-36 12x5	90	36	900	12	300	5	125	210759	6,67
CCI-36 18x5	90	36	900	18	450	5	125	210760	7,29
CCI-36 24x5	90	36	900	24	600	5	125	210761	7,90
CCI-36 30x5	90	36	900	30	750	5	125	210762	8,52
CCI-36 36x5	90	36	900	36	900	5	125	210763	9,14

2 x JUI 5 (211221)

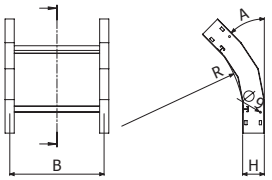


CXI H5



CXI 'A' - 'R' 'B'x'H'

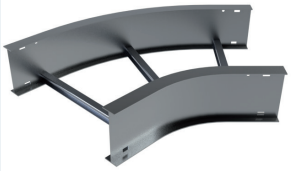
	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXI30-12 6x5	30	12	300	6	150	5	125	214969	1,69
CXI30-12 9x5	30	12	300	9	230	5	125	210881	1,80
CXI30-12 12x5	30	12	300	12	300	5	125	210882	1,90
CXI30-12 18x5	30	12	300	18	450	5	125	210883	2,10
CXI30-12 24x5	30	12	300	24	600	5	125	210884	2,31
CXI30-12 30x5	30	12	300	30	750	5	125	210885	2,52
CXI30-12 36x5	30	12	300	36	900	5	125	210886	2,72
CXI45-12 6x5	45	12	300	6	150	5	125	214970	2,01
CXI45-12 9x5	45	12	300	9	230	5	125	210887	2,11
CXI45-12 12x5	45	12	300	12	300	5	125	210888	2,21
CXI45-12 18x5	45	12	300	18	450	5	125	210889	2,42
CXI45-12 24x5	45	12	300	24	600	5	125	210890	2,63
CXI45-12 30x5	45	12	300	30	750	5	125	210891	2,83
CXI45-12 36x5	45	12	300	36	900	5	125	210892	3,04
CXI-12 6x5	90	12	300	6	150	5	125	214971	3,03
CXI-12 9x5	90	12	300	9	230	5	125	210893	3,16
CXI-12 12x5	90	12	300	12	300	5	125	210894	3,30
CXI-12 18x5	90	12	300	18	450	5	125	210895	3,58
CXI-12 24x5	90	12	300	24	600	5	125	210896	3,85
CXI-12 30x5	90	12	300	30	750	5	125	210897	4,12
CXI-12 36x5	90	12	300	36	900	5	125	210898	4,40
CXI30-24 6x5	30	24	600	6	150	5	125	214972	2,14
CXI30-24 9x5	30	24	600	9	230	5	125	210899	2,24
CXI30-24 12x5	30	24	600	12	300	5	125	210900	2,34
CXI30-24 18x5	30	24	600	18	450	5	125	210901	2,55
CXI30-24 24x5	30	24	600	24	600	5	125	210902	2,76
CXI30-24 30x5	30	24	600	30	750	5	125	210903	2,96
CXI30-24 36x5	30	24	600	36	900	5	125	210904	3,17
CXI45-24 6x5	45	24	600	6	150	5	125	214973	2,75
CXI45-24 9x5	45	24	600	9	230	5	125	210905	2,88
CXI45-24 12x5	45	24	600	12	300	5	125	210906	3,02
CXI45-24 18x5	45	24	600	18	450	5	125	210907	3,30
CXI45-24 24x5	45	24	600	24	600	5	125	210908	3,57
CXI45-24 30x5	45	24	600	30	750	5	125	210909	3,84
CXI45-24 36x5	45	24	600	36	900	5	125	210910	4,12
CXI-24 6x5	90	24	600	6	150	5	125	214974	4,57
CXI-24 9x5	90	24	600	9	230	5	125	210911	4,81
CXI-24 12x5	90	24	600	12	300	5	125	210912	5,05
CXI-24 18x5	90	24	600	18	450	5	125	210913	5,53
CXI-24 24x5	90	24	600	24	600	5	125	210914	6,01
CXI-24 30x5	90	24	600	30	750	5	125	210915	6,49
CXI-24 36x5	90	24	600	36	900	5	125	210916	6,97
CXI30-36 6x5	30	36	900	6	150	5	125	214975	2,65
CXI30-36 9x5	30	36	900	9	230	5	125	210917	2,79
CXI30-36 12x5	30	36	900	12	300	5	125	210918	2,93
CXI30-36 18x5	30	36	900	18	450	5	125	210919	3,20
CXI30-36 24x5	30	36	900	24	600	5	125	210920	3,48
CXI30-36 30x5	30	36	900	30	750	5	125	210921	3,75
CXI30-36 36x5	30	36	900	36	900	5	125	210922	4,03
CXI45-36 6x5	45	36	900	6	150	5	125	214976	3,49
CXI45-36 9x5	45	36	900	9	230	5	125	210923	3,66
CXI45-36 12x5	45	36	900	12	300	5	125	210924	3,83
CXI45-36 18x5	45	36	900	18	450	5	125	210925	4,17
CXI45-36 24x5	45	36	900	24	600	5	125	210926	4,52
CXI45-36 30x5	45	36	900	30	750	5	125	210927	4,86
CXI45-36 36x5	45	36	900	36	900	5	125	210928	5,20
CXI-36 6x5	90	36	900	6	150	5	125	214977	6,05
CXI-36 9x5	90	36	900	9	230	5	125	210929	6,36
CXI-36 12x5	90	36	900	12	300	5	125	210930	6,67
CXI-36 18x5	90	36	900	18	450	5	125	210931	7,29
CXI-36 24x5	90	36	900	24	600	5	125	210932	7,90
CXI-36 30x5	90	36	900	30	750	5	125	210933	8,52
CXI-36 36x5	90	36	900	36	900	5	125	210934	9,14



CXI 'A' - 'R' 'B'x'H'

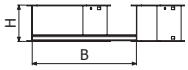
2 x JUI 5 (211221)

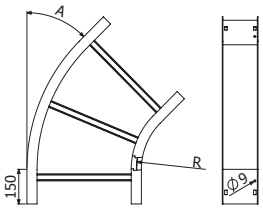
CPI H6



CPI 'A' - 'R' 'B'x'H'

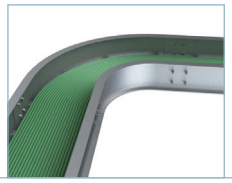
	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPI30-12 9X6	30	12	300	9	230	6	150	210593	1,83
CPI30-12 12X6	30	12	300	12	300	6	150	210594	1,96
CPI30-12 18X6	30	12	300	18	450	6	150	210595	2,22
CPI30-12 24X6	30	12	300	24	600	6	150	210596	2,76
CPI30-12 30X6	30	12	300	30	750	6	150	210597	3,09
CPI30-12 36X6	30	12	300	36	900	6	150	210598	3,42
CPI45-12 9X6	45	12	300	9	230	6	150	210599	2,17
CPI45-12 12X6	45	12	300	12	300	6	150	210600	2,47
CPI45-12 18X6	45	12	300	18	450	6	150	210601	2,86
CPI45-12 24X6	45	12	300	24	600	6	150	210602	3,25
CPI45-12 30X6	45	12	300	30	750	6	150	210603	3,64
CPI45-12 36X6	45	12	300	36	900	6	150	210604	4,45
CPI90-12 9X6	90	12	300	9	230	6	150	210605	3,29
CPI90-12 12X6	90	12	300	12	300	6	150	210606	3,72
CPI90-12 18X6	90	12	300	18	450	6	150	210607	4,37
CPI90-12 24X6	90	12	300	24	600	6	150	210608	5,28
CPI90-12 30X6	90	12	300	30	750	6	150	210609	6,00
CPI90-12 36X6	90	12	300	36	900	6	150	210610	7,12
CPI30-24 9X6	30	24	600	9	230	6	150	210611	2,33
CPI30-24 12X6	30	24	600	12	300	6	150	210612	2,59
CPI30-24 18X6	30	24	600	18	450	6	150	210613	2,92
CPI30-24 24X6	30	24	600	24	600	6	150	210614	3,25
CPI30-24 30X6	30	24	600	30	750	6	150	210615	3,58
CPI30-24 36X6	30	24	600	36	900	6	150	210616	3,91
CPI45-24 9X6	45	24	600	9	230	6	150	210617	3,02
CPI45-24 12X6	45	24	600	12	300	6	150	210618	3,21
CPI45-24 18X6	45	24	600	18	450	6	150	210619	3,60
CPI45-24 24X6	45	24	600	24	600	6	150	210620	4,27
CPI45-24 30X6	45	24	600	30	750	6	150	210621	4,73
CPI45-24 36X6	45	24	600	36	900	6	150	210622	5,19
CPI90-24 9X6	90	24	600	9	230	6	150	210623	4,88
CPI90-24 12X6	90	24	600	12	300	6	150	210624	5,34
CPI90-24 18X6	90	24	600	18	450	6	150	210625	6,06
CPI90-24 24X6	90	24	600	24	600	6	150	210626	7,04
CPI90-24 30X6	90	24	600	30	750	6	150	210627	7,83
CPI90-24 36X6	90	24	600	36	900	6	150	210628	9,02
CPI30-36 9X6	30	36	900	9	230	6	150	210629	2,92
CPI30-36 12X6	30	36	900	12	300	6	150	210630	3,09
CPI30-36 18X6	30	36	900	18	450	6	150	210631	3,42
CPI30-36 24X6	30	36	900	24	600	6	150	210632	3,75
CPI30-36 30X6	30	36	900	30	750	6	150	210633	4,08
CPI30-36 36X6	30	36	900	36	900	6	150	210634	4,82
CPI45-36 9X6	45	36	900	9	230	6	150	210635	3,76
CPI45-36 12X6	45	36	900	12	300	6	150	210636	4,09
CPI45-36 18X6	45	36	900	18	450	6	150	210637	4,55
CPI45-36 24X6	45	36	900	24	600	6	150	210638	5,01
CPI45-36 30X6	45	36	900	30	750	6	150	210639	5,47
CPI45-36 36X6	45	36	900	36	900	6	150	210640	6,34
CPI90-36 9X6	90	36	900	9	230	6	150	210641	6,47
CPI90-36 12X6	90	36	900	12	300	6	150	210642	6,96
CPI90-36 18X6	90	36	900	18	450	6	150	210643	7,75
CPI90-36 24X6	90	36	900	24	600	6	150	210644	8,80
CPI90-36 30X6	90	36	900	30	750	6	150	210645	9,65
CPI90-36 36X6	90	36	900	36	900	6	150	210646	10,92



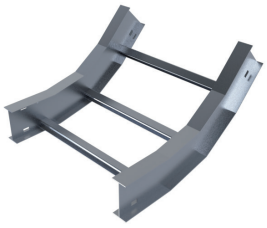


CPI 'A' - 'R' 'B'x'H'

2 x JUI 6 (211222)

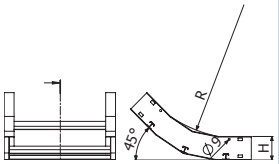


CCI H6

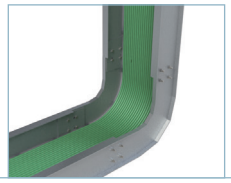


CCI 'A' - 'R' 'B'x'H'

	A (º)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCI30-12 9X6	30	12	300	9	230	6	150	210764	2,00
CCI30-12 12X6	30	12	300	12	300	6	150	210765	2,10
CCI30-12 18X6	30	12	300	18	450	6	150	210766	2,30
CCI30-12 24X6	30	12	300	24	600	6	150	210767	2,51
CCI30-12 30X6	30	12	300	30	750	6	150	210768	2,72
CCI30-12 36X6	30	12	300	36	900	6	150	210769	2,92
CCI45-12 9X6	45	12	300	9	230	6	150	210770	2,37
CCI45-12 12X6	45	12	300	12	300	6	150	210771	2,47
CCI45-12 18X6	45	12	300	18	450	6	150	210772	2,68
CCI45-12 24X6	45	12	300	24	600	6	150	210773	2,88
CCI45-12 30X6	45	12	300	30	750	6	150	210774	3,09
CCI45-12 36X6	45	12	300	36	900	6	150	210775	3,29
CCI90-12 9X6	90	12	300	9	230	6	150	210776	3,69
CCI90-12 12X6	90	12	300	12	300	6	150	210777	3,86
CCI90-12 18X6	90	12	300	18	450	6	150	210778	4,20
CCI90-12 24X6	90	12	300	24	600	6	150	210779	4,54
CCI90-12 30X6	90	12	300	30	750	6	150	210780	4,89
CCI90-12 36X6	90	12	300	36	900	6	150	210781	5,23
CCI30-24 9X6	30	24	600	9	230	6	150	210782	2,49
CCI30-24 12X6	30	24	600	12	300	6	150	210783	2,59
CCI30-24 18X6	30	24	600	18	450	6	150	210784	2,80
CCI30-24 24X6	30	24	600	24	600	6	150	210785	3,00
CCI30-24 30X6	30	24	600	30	750	6	150	210786	3,21
CCI30-24 36X6	30	24	600	36	900	6	150	210787	3,42
CCI45-24 9X6	45	24	600	9	230	6	150	210788	3,21
CCI45-24 12X6	45	24	600	12	300	6	150	210789	3,35
CCI45-24 18X6	45	24	600	18	450	6	150	210790	3,62
CCI45-24 24X6	45	24	600	24	600	6	150	210791	3,90
CCI45-24 30X6	45	24	600	30	750	6	150	210792	4,17
CCI45-24 36X6	45	24	600	36	900	6	150	210793	4,45
CCI90-24 9X6	90	24	600	9	230	6	150	210794	5,38
CCI90-24 12X6	90	24	600	12	300	6	150	210795	5,62
CCI90-24 18X6	90	24	600	18	450	6	150	210796	6,10
CCI90-24 24X6	90	24	600	24	600	6	150	210797	6,58
CCI90-24 30X6	90	24	600	30	750	6	150	210798	7,06
CCI90-24 36X6	90	24	600	36	900	6	150	210799	7,54
CCI30-36 9X6	30	36	900	9	230	6	150	210800	3,09
CCI30-36 12X6	30	36	900	12	300	6	150	210801	3,23
CCI30-36 18X6	30	36	900	18	450	6	150	210802	3,50
CCI30-36 24X6	30	36	900	24	600	6	150	210803	3,77
CCI30-36 30X6	30	36	900	30	750	6	150	210804	4,05
CCI30-36 36X6	30	36	900	36	900	6	150	210805	4,32
CCI45-36 9X6	45	36	900	9	230	6	150	210806	4,06
CCI45-36 12X6	45	36	900	12	300	6	150	210807	4,23
CCI45-36 18X6	45	36	900	18	450	6	150	210808	4,57
CCI45-36 24X6	45	36	900	24	600	6	150	210809	4,91
CCI45-36 30X6	45	36	900	30	750	6	150	210810	5,26
CCI45-36 36X6	45	36	900	36	900	6	150	210811	5,60
CCI90-36 9X6	90	36	900	9	230	6	150	210812	7,07
CCI90-36 12X6	90	36	900	12	300	6	150	210813	7,37
CCI90-36 18X6	90	36	900	18	450	6	150	210814	7,99
CCI90-36 24X6	90	36	900	24	600	6	150	210815	8,61
CCI90-36 30X6	90	36	900	30	750	6	150	210816	9,23
CCI90-36 36X6	90	36	900	36	900	6	150	210817	9,84

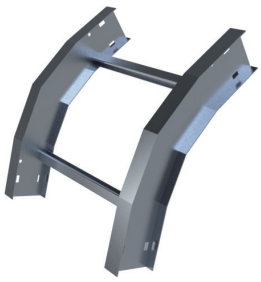


CCI 'A' - 'R' 'B'x'H'



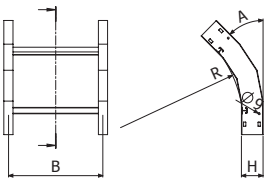
2 x JUI 6 (211222)

CXI H6



CXI 'A' - 'R' 'B'x'H'

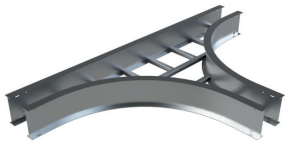
	A (°)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXI30-12 9X6	30	12	300	9	230	6	150	210935	2,00
CXI30-12 12X6	30	12	300	12	300	6	150	210936	2,10
CXI30-12 18X6	30	12	300	18	450	6	150	210937	2,30
CXI30-12 24X6	30	12	300	24	600	6	150	210938	2,51
CXI30-12 30X6	30	12	300	30	750	6	150	210939	2,72
CXI30-12 36X6	30	12	300	36	900	6	150	210940	2,92
CXI45-12 9X6	45	12	300	9	230	6	150	210941	2,37
CXI45-12 12X6	45	12	300	12	300	6	150	210942	2,47
CXI45-12 18X6	45	12	300	18	450	6	150	210943	2,68
CXI45-12 24X6	45	12	300	24	600	6	150	210944	2,88
CXI45-12 30X6	45	12	300	30	750	6	150	210945	3,09
CXI45-12 36X6	45	12	300	36	900	6	150	210946	3,29
CXI90-12 9X6	90	12	300	9	230	6	150	210947	3,69
CXI90-12 12X6	90	12	300	12	300	6	150	210948	3,86
CXI90-12 18X6	90	12	300	18	450	6	150	210949	4,20
CXI90-12 24X6	90	12	300	24	600	6	150	210950	4,54
CXI90-12 30X6	90	12	300	30	750	6	150	210951	4,89
CXI90-12 36X6	90	12	300	36	900	6	150	210952	5,23
CXI30-24 9X6	30	24	600	9	230	6	150	210953	2,49
CXI30-24 12X6	30	24	600	12	300	6	150	210954	2,59
CXI30-24 18X6	30	24	600	18	450	6	150	210955	2,80
CXI30-24 24X6	30	24	600	24	600	6	150	210956	3,00
CXI30-24 30X6	30	24	600	30	750	6	150	210957	3,21
CXI30-24 36X6	30	24	600	36	900	6	150	210958	3,42
CXI45-24 9X6	45	24	600	9	230	6	150	210959	3,21
CXI45-24 12X6	45	24	600	12	300	6	150	210960	3,35
CXI45-24 18X6	45	24	600	18	450	6	150	210961	3,62
CXI45-24 24X6	45	24	600	24	600	6	150	210962	3,90
CXI45-24 30X6	45	24	600	30	750	6	150	210963	4,17
CXI45-24 36X6	45	24	600	36	900	6	150	210964	4,45
CXI90-24 9X6	90	24	600	9	230	6	150	210965	5,38
CXI90-24 12X6	90	24	600	12	300	6	150	210966	5,62
CXI90-24 18X6	90	24	600	18	450	6	150	210967	6,10
CXI90-24 24X6	90	24	600	24	600	6	150	210968	6,58
CXI90-24 30X6	90	24	600	30	750	6	150	210969	7,06
CXI90-24 36X6	90	24	600	36	900	6	150	210970	7,54
CXI30-36 9X6	30	36	900	9	230	6	150	210971	3,09
CXI30-36 12X6	30	36	900	12	300	6	150	210972	3,23
CXI30-36 18X6	30	36	900	18	450	6	150	210973	3,50
CXI30-36 24X6	30	36	900	24	600	6	150	210974	3,77
CXI30-36 30X6	30	36	900	30	750	6	150	210975	4,05
CXI30-36 36X6	30	36	900	36	900	6	150	210976	4,32
CXI45-36 9X6	45	36	900	9	230	6	150	210977	4,06
CXI45-36 12X6	45	36	900	12	300	6	150	210978	4,23
CXI45-36 18X6	45	36	900	18	450	6	150	210979	4,57
CXI45-36 24X6	45	36	900	24	600	6	150	210980	4,91
CXI45-36 30X6	45	36	900	30	750	6	150	210981	5,26
CXI45-36 36X6	45	36	900	36	900	6	150	210982	5,60
CXI90-36 9X6	90	36	900	9	230	6	150	210983	7,07
CXI90-36 12X6	90	36	900	12	300	6	150	210984	7,37
CXI90-36 18X6	90	36	900	18	450	6	150	210985	7,99
CXI90-36 24X6	90	36	900	24	600	6	150	210986	8,61
CXI90-36 30X6	90	36	900	30	750	6	150	210987	9,23
CXI90-36 36X6	90	36	900	36	900	6	150	210988	9,84



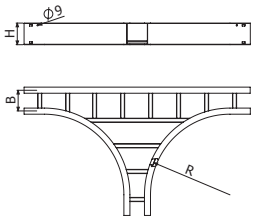
CXI 'A' - 'R' 'B'x'H'

2 x JUI 6 (211222)

TEI H4, H5, H6



TEI-'R' 'B'x'H'

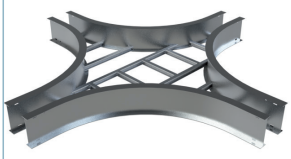


TEI-'R' 'B'x'H'

	R		B		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
TEI-12 6x4	12	300	6	150	4	100	210989	4,24
TEI-12 9x4	12	300	9	230	4	100	210990	4,61
TEI-12 12x4	12	300	12	300	4	100	210991	4,98
TEI-12 18x4	12	300	18	450	4	100	210992	5,93
TEI-12 24x4	12	300	24	600	4	100	210993	7,02
TEI-12 30x4	12	300	30	750	4	100	210994	7,91
TEI-12 36x4	12	300	36	900	4	100	210995	9,20
TEI-24 6x4	24	600	6	150	4	100	210996	7,09
TEI-24 9x4	24	600	9	230	4	100	210997	7,70
TEI-24 12x4	24	600	12	300	4	100	210998	8,25
TEI-24 18x4	24	600	18	450	4	100	210999	9,54
TEI-24 24x4	24	600	24	600	4	100	211000	10,70
TEI-24 30x4	24	600	30	750	4	100	211001	12,20
TEI-24 36x4	24	600	36	900	4	100	211002	13,84
TEI-36 6x4	36	900	6	150	4	100	211003	10,01
TEI-36 9x4	36	900	9	230	4	100	211004	10,66
TEI-36 12x4	36	900	12	300	4	100	211005	11,45
TEI-36 18x4	36	900	18	450	4	100	211006	12,81
TEI-36 24x4	36	900	24	600	4	100	211007	14,45
TEI-36 30x4	36	900	30	750	4	100	211008	16,22
TEI-36 36x4	36	900	36	900	4	100	211009	17,72
TEI-12 6x5	12	300	6	150	5	125	214978	4,51
TEI-12 9x5	12	300	9	230	5	125	211010	4,89
TEI-12 12x5	12	300	12	300	5	125	211011	5,27
TEI-12 18x5	12	300	18	450	5	125	211012	6,24
TEI-12 24x5	12	300	24	600	5	125	211013	7,35
TEI-12 30x5	12	300	30	750	5	125	211014	8,24
TEI-12 36x5	12	300	36	900	5	125	211015	9,55
TEI-24 6x5	24	600	6	150	5	125	214979	7,53
TEI-24 9x5	24	600	9	230	5	125	211016	8,15
TEI-24 12x5	24	600	12	300	5	125	211017	8,70
TEI-24 18x5	24	600	18	450	5	125	211018	10,01
TEI-24 24x5	24	600	24	600	5	125	211019	11,19
TEI-24 30x5	24	600	30	750	5	125	211020	12,70
TEI-24 36x5	24	600	36	900	5	125	211021	14,36
TEI-36 6x5	36	900	6	150	5	125	214980	10,61
TEI-36 9x5	36	900	9	230	5	125	211022	11,27
TEI-36 12x5	36	900	12	300	5	125	211023	12,06
TEI-36 18x5	36	900	18	450	5	125	211024	13,44
TEI-36 24x5	36	900	24	600	5	125	211025	15,09
TEI-36 30x5	36	900	30	750	5	125	211026	16,88
TEI-36 36x5	36	900	36	900	5	125	211027	18,40
TEI-12 9x6	12	300	9	230	6	150	211028	5,30
TEI-12 12x6	12	300	12	300	6	150	211029	5,69
TEI-12 18x6	12	300	18	450	6	150	211030	6,68
TEI-12 24x6	12	300	24	600	6	150	211031	7,81
TEI-12 30x6	12	300	30	750	6	150	211032	8,73
TEI-12 36x6	12	300	36	900	6	150	211033	10,06
TEI-24 9x6	24	600	9	230	6	150	211034	8,79
TEI-24 12x6	24	600	12	300	6	150	211035	9,35
TEI-24 18x6	24	600	18	450	6	150	211036	10,69
TEI-24 24x6	24	600	24	600	6	150	211037	11,88
TEI-24 30x6	24	600	30	750	6	150	211038	13,42
TEI-24 36x6	24	600	36	900	6	150	211039	15,10
TEI-36 9x6	36	900	9	230	6	150	211040	12,15
TEI-36 12x6	36	900	12	300	6	150	211041	12,95
TEI-36 18x6	36	900	18	450	6	150	211042	14,35
TEI-36 24x6	36	900	24	600	6	150	211043	16,03
TEI-36 30x6	36	900	30	750	6	150	211044	17,84
TEI-36 36x6	36	900	36	900	6	150	211045	19,38

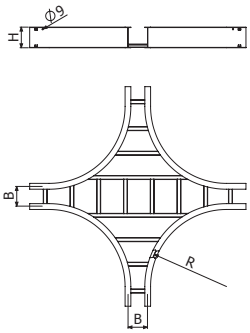
2 x JUI 4 (211220)
2 x JUI 5 (211221)
2 x JUI 6 (211222)

CRI H4, H5, H6



CRI-'R' 'B'x'H'

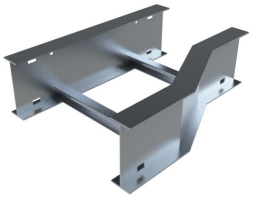
	R		B		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
CRI-12 6x4	12	300	6	150	4	100	211046	5,30
CRI-12 9x4	12	300	9	230	4	100	211047	5,64
CRI-12 12x4	12	300	12	300	4	100	211048	5,98
CRI-12 18x4	12	300	18	450	4	100	211049	6,87
CRI-12 24x4	12	300	24	600	4	100	211050	7,90
CRI-12 30x4	12	300	30	750	4	100	211051	8,73
CRI-12 36x4	12	300	36	900	4	100	211052	9,96
CRI-24 6x4	24	600	6	150	4	100	211053	8,46
CRI-24 9x4	24	600	9	230	4	100	211054	8,98
CRI-24 12x4	24	600	12	300	4	100	211055	9,42
CRI-24 18x4	24	600	18	450	4	100	211056	10,52
CRI-24 24x4	24	600	24	600	4	100	211057	11,48
CRI-24 30x4	24	600	30	750	4	100	211058	12,78
CRI-24 36x4	24	600	36	900	4	100	211059	14,23
CRI-36 6x4	36	900	6	150	4	100	211060	11,70
CRI-36 9x4	36	900	9	230	4	100	211061	12,22
CRI-36 12x4	36	900	12	300	4	100	211062	12,87
CRI-36 18x4	36	900	18	450	4	100	211063	13,96
CRI-36 24x4	36	900	24	600	4	100	211064	15,34
CRI-36 30x4	36	900	30	750	4	100	211065	16,84
CRI-36 36x4	36	900	36	900	4	100	211066	18,08
CRI-12 6x5	12	300	6	150	5	125	214981	5,62
CRI-12 9x5	12	300	9	230	5	125	211067	5,97
CRI-12 12x5	12	300	12	300	5	125	211068	6,31
CRI-12 18x5	12	300	18	450	5	125	211069	7,20
CRI-12 24x5	12	300	24	600	5	125	211070	8,23
CRI-12 30x5	12	300	30	750	5	125	211071	9,05
CRI-12 36x5	12	300	36	900	5	125	211072	10,29
CRI-24 6x5	24	600	6	150	5	125	214982	8,99
CRI-24 9x5	24	600	9	230	5	125	211073	9,50
CRI-24 12x5	24	600	12	300	5	125	211074	9,95
CRI-24 18x5	24	600	18	450	5	125	211075	11,05
CRI-24 24x5	24	600	24	600	5	125	211076	12,01
CRI-24 30x5	24	600	30	750	5	125	211077	13,31
CRI-24 36x5	24	600	36	900	5	125	211078	14,75
CRI-36 6x5	36	900	6	150	5	125	214983	12,42
CRI-36 9x5	36	900	9	230	5	125	211079	12,94
CRI-36 12x5	36	900	12	300	5	125	211080	13,59
CRI-36 18x5	36	900	18	450	5	125	211081	14,69
CRI-36 24x5	36	900	24	600	5	125	211082	16,06
CRI-36 30x5	36	900	30	750	5	125	211083	17,57
CRI-36 36x5	36	900	36	900	5	125	211084	18,80
CRI-12 9x6	12	300	9	230	6	150	211085	6,44
CRI-12 12x6	12	300	12	300	6	150	211086	6,78
CRI-12 18x6	12	300	18	450	6	150	211087	7,67
CRI-12 24x6	12	300	24	600	6	150	211088	8,70
CRI-12 30x6	12	300	30	750	6	150	211089	9,52
CRI-12 36x6	12	300	36	900	6	150	211090	10,76
CRI-24 9x6	24	600	9	230	6	150	211091	10,26
CRI-24 12x6	24	600	12	300	6	150	211092	10,71
CRI-24 18x6	24	600	18	450	6	150	211093	11,80
CRI-24 24x6	24	600	24	600	6	150	211094	12,76
CRI-24 30x6	24	600	30	750	6	150	211095	14,07
CRI-24 36x6	24	600	36	900	6	150	211096	15,51
CRI-36 9x6	36	900	9	230	6	150	211097	13,98
CRI-36 12x6	36	900	12	300	6	150	211098	14,64
CRI-36 18x6	36	900	18	450	6	150	211099	15,73
CRI-36 24x6	36	900	24	600	6	150	211100	17,10
CRI-36 30x6	36	900	30	750	6	150	211101	18,61
CRI-36 36x6	36	900	36	900	6	150	211102	19,85



CRI-'R' 'B'x'H'

2 x JUI 4 (211220)
2 x JUI 5 (211221)
2 x JUI 6 (211222)

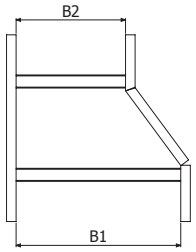
RII H4, H5, H6



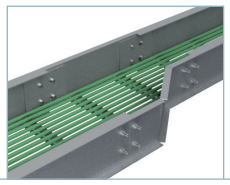
RII 'B1'/'B2'X'H'

	B1		B2		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RII 9/6x4	**9**	230	**6**	150	**4**	100	211103	1,40
RII 12/9x4	**12**	300	**9**	230	**4**	100	211104	1,46
RII 12/6x4	**12**	300	**6**	150	**4**	100	211105	1,49
RII 18/12x4	**18**	450	**12**	300	**4**	100	211106	1,62
RII 18/9x4	**18**	450	**9**	230	**4**	100	211107	1,66
RII 18/6x4	**18**	450	**6**	150	**4**	100	211108	1,72
RII 24/18x4	**24**	600	**18**	450	**4**	100	211109	1,76
RII 24/12x4	**24**	600	**12**	300	**4**	100	211110	1,85
RII 24/9x4	**24**	600	**9**	230	**4**	100	211111	1,91
RII 30/24x4	**30**	750	**24**	600	**4**	100	211112	1,97
RII 30/18x4	**30**	750	**18**	450	**4**	100	211113	2,05
RII 30/12x4	**30**	750	**12**	300	**4**	100	211114	2,16
RII 36/30x4	**36**	900	**30**	750	**4**	100	211115	2,12
RII 36/24x4	**36**	900	**24**	600	**4**	100	211116	2,20
RII 36/18x4	**36**	900	**18**	450	**4**	100	211117	2,31
RII 9/6x5	**9**	230	**6**	150	**5**	125	214984	1,49
RII 12/6x5	**12**	300	**6**	230	**5**	125	214985	1,59
RII 12/9x5	**12**	300	**9**	230	**5**	125	211118	1,56
RII 18/6x5	**18**	450	**6**	150	**5**	125	214986	1,83
RII 18/12x5	**18**	450	**12**	300	**5**	125	211119	1,73
RII 18/9x5	**18**	450	**9**	230	**5**	125	211120	1,77
RII 24/18x5	**24**	600	**18**	450	**5**	125	211121	1,86
RII 24/12x5	**24**	600	**12**	300	**5**	125	211122	1,97
RII 24/9x5	**24**	600	**9**	230	**5**	125	211123	2,03
RII 30/24x5	**30**	750	**24**	600	**5**	125	211124	2,07
RII 30/18x5	**30**	750	**18**	450	**5**	125	211125	2,16
RII 30/12x5	**30**	750	**12**	300	**5**	125	211126	2,29
RII 36/30x5	**36**	900	**30**	750	**5**	125	211127	2,22
RII 36/24x5	**36**	900	**24**	600	**5**	125	211128	2,32
RII 36/18x5	**36**	900	**18**	450	**5**	125	211129	2,44
RII 12/9x6	**12**	300	**9**	230	**6**	150	211130	1,70
RII 18/12x6	**18**	450	**12**	300	**6**	150	211131	1,87
RII 18/9x6	**18**	450	**9**	230	**6**	150	211132	1,93
RII 24/18x6	**24**	600	**18**	450	**6**	150	211133	2,01
RII 24/12x6	**24**	600	**12**	300	**6**	150	211134	2,13
RII 24/9x6	**24**	600	**9**	230	**6**	150	211135	2,21
RII 30/24x6	**30**	750	**24**	600	**6**	150	211136	2,22
RII 30/18x6	**30**	750	**18**	450	**6**	150	211137	2,33
RII 30/12x6	**30**	750	**12**	300	**6**	150	211138	2,47
RII 36/30x6	**36**	900	**30**	750	**6**	150	211139	2,37
RII 36/24x6	**36**	900	**24**	600	**6**	150	211140	2,48
RII 36/18x6	**36**	900	**18**	450	**6**	150	211141	2,62





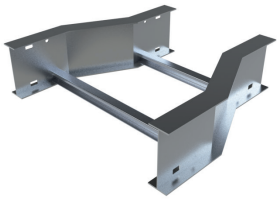
RII 'B1'/'B2'X'H'



B2≤B1

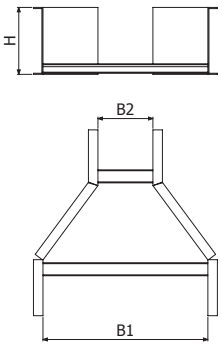
2 x JUI 4 (211220)
2 x JUI 5 (211221)
2 x JUI 6 (211222)

RCI H4, H5, H6



RCI 'B1'/'B2'X'H'

	B1		B2		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RCI 9/6x4	**9**	230	**6**	150	**4**	100	211142	1,39
RCI 12/9x4	**12**	300	**9**	230	**4**	100	211143	1,46
RCI 12/6x4	**12**	300	**6**	150	**4**	100	211144	1,46
RCI 18/12x4	**18**	450	**12**	300	**4**	100	211145	1,60
RCI 18/9x4	**18**	450	**9**	230	**4**	100	211146	1,61
RCI 18/6x4	**18**	450	**6**	150	**4**	100	211147	1,64
RCI 24/18x4	**24**	600	**18**	450	**4**	100	211148	1,73
RCI 24/12x4	**24**	600	**12**	300	**4**	100	211149	1,78
RCI 24/9x4	**24**	600	**9**	230	**4**	100	211150	1,82
RCI 30/24x4	**30**	750	**24**	600	**4**	100	211151	1,94
RCI 30/18x4	**30**	750	**18**	450	**4**	100	211152	1,98
RCI 30/12x4	**30**	750	**12**	300	**4**	100	211153	2,05
RCI 36/30x4	**36**	900	**30**	750	**4**	100	211154	2,09
RCI 36/24x4	**36**	900	**24**	600	**4**	100	211155	2,13
RCI 36/18x4	**36**	900	**18**	450	**4**	100	211156	2,20
RCI 9/6x5	**9**	230	**6**	150	**5**	125	214987	1,49
RCI 12/9x5	**12**	300	**9**	230	**5**	125	211157	1,56
RCI 12/6x5	**12**	300	**6**	230	**5**	125	214988	1,56
RCI 18/12x5	**18**	450	**12**	300	**5**	125	211158	1,70
RCI 18/9x5	**18**	450	**9**	230	**5**	125	211159	1,72
RCI 18/6x5	**18**	450	**6**	150	**5**	125	214989	1,75
RCI 24/18x5	**24**	600	**18**	450	**5**	125	211160	1,84
RCI 24/12x5	**24**	600	**12**	300	**5**	125	211161	1,89
RCI 24/9x5	**24**	600	**9**	230	**5**	125	211162	1,93
RCI 30/24x5	**30**	750	**24**	600	**5**	125	211163	2,04
RCI 30/18x5	**30**	750	**18**	450	**5**	125	211164	2,09
RCI 30/12x5	**30**	750	**12**	300	**5**	125	211165	2,17
RCI 36/30x5	**36**	900	**30**	750	**5**	125	211166	2,19
RCI 36/24x5	**36**	900	**24**	600	**5**	125	211167	2,24
RCI 36/18x5	**36**	900	**18**	450	**5**	125	211168	2,33
RCI 12/9x6	**12**	300	**9**	230	**6**	150	211169	1,70
RCI 18/12x6	**18**	450	**12**	300	**6**	150	211170	1,84
RCI 18/9x6	**18**	450	**9**	230	**6**	150	211171	1,87
RCI 24/18x6	**24**	600	**18**	450	**6**	150	211172	1,98
RCI 24/12x6	**24**	600	**12**	300	**6**	150	211173	2,05
RCI 24/9x6	**24**	600	**9**	230	**6**	150	211174	2,10
RCI 30/24x6	**30**	750	**24**	600	**6**	150	211175	2,19
RCI 30/18x6	**30**	750	**18**	450	**6**	150	211176	2,25
RCI 30/12x6	**30**	750	**12**	300	**6**	150	211177	2,35
RCI 36/30x6	**36**	900	**30**	750	**6**	150	211178	2,34
RCI 36/24x6	**36**	900	**24**	600	**6**	150	211179	2,40
RCI 36/18x6	**36**	900	**18**	450	**6**	150	211180	2,50

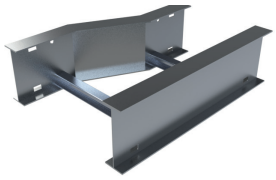


RCI 'B1'/'B2'X'H'

B2≤B1

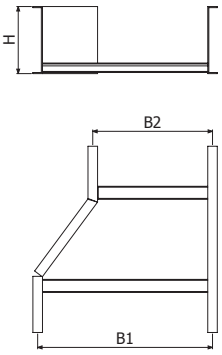
2 x JUI 4 (211220)
2 x JUI 5 (211221)
2 x JUI 6 (211222)

RDI H4, H5, H6

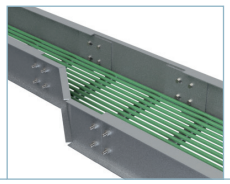


RDI 'B1'/'B2'X'H'

	B1		B2		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RDI 9/6x4	**9**	230	**6**	150	**4**	100	211181	1,40
RDI 12/9x4	**12**	300	**9**	230	**4**	100	211182	1,46
RDI 12/6x4	**12**	300	**6**	150	**4**	100	211183	1,49
RDI 18/12x4	**18**	450	**12**	300	**4**	100	211184	1,62
RDI 18/9x4	**18**	450	**9**	230	**4**	100	211185	1,66
RDI 18/6x4	**18**	450	**6**	150	**4**	100	211186	1,72
RDI 24/18x4	**24**	600	**18**	450	**4**	100	211187	1,76
RDI 24/12x4	**24**	600	**12**	300	**4**	100	211188	1,85
RDI 24/9x4	**24**	600	**9**	230	**4**	100	211189	1,91
RDI 30/24x4	**30**	750	**24**	600	**4**	100	211190	1,97
RDI 30/18x4	**30**	750	**18**	450	**4**	100	211191	2,05
RDI 30/12x4	**30**	750	**12**	300	**4**	100	211192	2,16
RDI 36/30x4	**36**	900	**30**	750	**4**	100	211193	2,12
RDI 36/24x4	**36**	900	**24**	600	**4**	100	211194	2,20
RDI 36/18x4	**36**	900	**18**	450	**4**	100	211195	2,31
RDI 9/6x5	**9**	230	**6**	150	**5**	125	214990	1,49
RDI 12/9x5	**12**	300	**9**	230	**5**	125	211196	1,56
RDI 12/6x5	**12**	300	**6**	230	**5**	125	214991	1,59
RDI 18/12x5	**18**	450	**12**	300	**5**	125	211197	1,73
RDI 18/9x5	**18**	450	**9**	230	**5**	125	211198	1,77
RDI 18/6x5	**18**	450	**6**	150	**5**	125	214992	1,83
RDI 24/18x5	**24**	600	**18**	450	**5**	125	211199	1,86
RDI 24/12x5	**24**	600	**12**	300	**5**	125	211200	1,97
RDI 24/9x5	**24**	600	**9**	230	**5**	125	211201	2,03
RDI 30/24x5	**30**	750	**24**	600	**5**	125	211202	2,07
RDI 30/18x5	**30**	750	**18**	450	**5**	125	211203	2,16
RDI 30/12x5	**30**	750	**12**	300	**5**	125	211204	2,29
RDI 36/30x5	**36**	900	**30**	750	**5**	125	211205	2,22
RDI 36/24x5	**36**	900	**24**	600	**5**	125	211206	2,32
RDI 36/18x5	**36**	900	**18**	450	**5**	125	211207	2,44
RDI 12/9x6	**12**	300	**9**	230	**6**	150	211208	1,70
RDI 18/12x6	**18**	450	**12**	300	**6**	150	211209	1,87
RDI 18/9x6	**18**	450	**9**	230	**6**	150	211210	1,93
RDI 24/18x6	**24**	600	**18**	450	**6**	150	211211	2,01
RDI 24/12x6	**24**	600	**12**	300	**6**	150	211212	2,13
RDI 24/9x6	**24**	600	**9**	230	**6**	150	211213	2,21
RDI 30/24x6	**30**	750	**24**	600	**6**	150	211214	2,22
RDI 30/18x6	**30**	750	**18**	450	**6**	150	211215	2,33
RDI 30/12x6	**30**	750	**12**	300	**6**	150	211216	2,47
RDI 36/30x6	**36**	900	**30**	750	**6**	150	211217	2,37
RDI 36/24x6	**36**	900	**24**	600	**6**	150	211218	2,48
RDI 36/18x6	**36**	900	**18**	450	**6**	150	211219	2,62



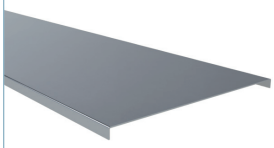
RDI 'B1'/'B2'X'H'



B2≤B1

2 x JUI 4 (211220)
2 x JUI 5 (211221)
2 x JUI 6 (211222)

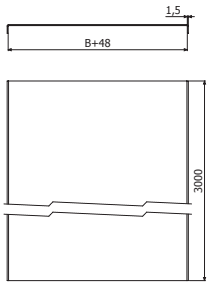
TI



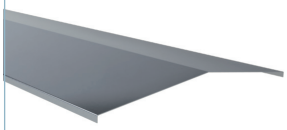
L = 3 m (10 ft)

	B		e	AL	
	inch	mm	mm	REF	Kg/m
TI 6 3M	6	150	1,5	212080	0,93
TI 9 3M	9	230	1,5	212081	1,24
TI 12 3M	12	300	1,5	212082	1,54
TI 18 3M	18	450	1,5	212083	2,17
TI 24 3M	24	600	1,5	212084	2,78
TI 30 3M	30	750	1,5	212085	3,40
TI 36 3M	36	900	1,5	212086	4,17

4 x PTI (212095) → 1 x TI



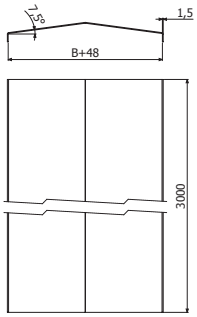
T2AI



L = 3 m (10 ft)

	B		e	AL	
	inch	mm	mm	REF	Kg/m
T2AI 6 3M	6	150	1,5	212087	0,94
T2AI 9 3M	9	230	1,5	212088	1,25
T2AI 12 3M	12	300	1,5	212089	1,56
T2AI 18 3M	18	450	1,5	212090	2,18
T2AI 24 3M	24	600	1,5	212091	2,80
T2AI 30 3M	30	750	1,5	212092	3,43
T2AI 36 3M	36	900	1,5	212093	4,05

4 x PT2AI (212094) → 1 x T2AI

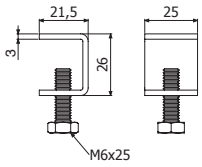


PTI



	Pap	e	AL	
	N-m	mm	REF	Kg/ud
PTI	6	3	212095	0,01

10

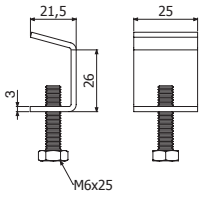


PT2AI

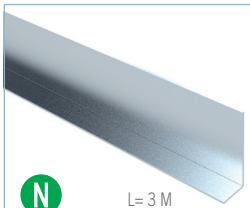


	Pap	e	AL	
	N-m	mm	REF	Kg/ud
PT2AI	6	3	212094	0,01

10

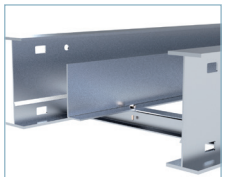


PSI



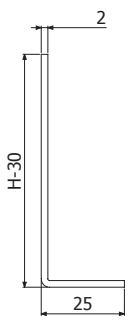
N

L= 3 M



	H		AL		i316	
	inch	mm	REF	Kg/m	REF.	kg/ud
PSI 4	4	100	218701	0,50	-	-
PSI 5	5	125	218702	0,64	-	-
PSI 6	6	150	218703	0,77	-	-
DIN7504 4,8X19	-	-	-	-	217610	0,004

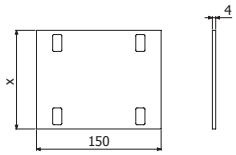
4 x DIN7504 (1000 <-> 1000 mm)



JUI

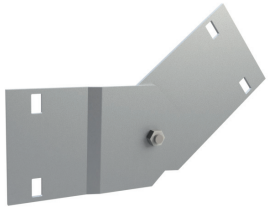


	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI 4	4	100	94	211220	0,16
JUI 5	5	125	114	211221	0,19
JUI 6	6	150	144	211222	0,24

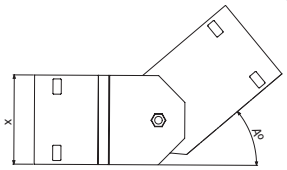


4/50 x B3 i304 (212096)

JUI-A



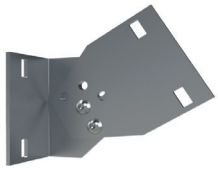
	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI-A 4	4	100	94	211223	0,52
JUI-A 5	5	125	114	211224	0,68
JUI-A 6	6	150	144	211225	0,84



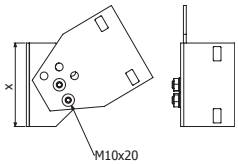
Amáx=75º

4/50 x B3 i304 (212096)

JUI-L

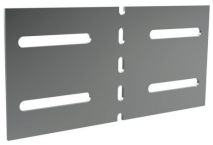


	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI-L 4	4	100	94	215062	0,29
JUI-L 5	5	125	114	215063	0,38
JUI-L 6	6	150	144	215064	0,47

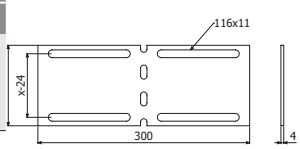


4/50 x B3 i304 (212096)

JUI-B

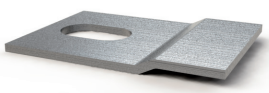


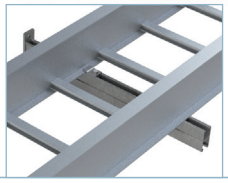
	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI-B 4	4	100	94	211236	0,35
JUI-B 5	5	125	114	211237	0,47
JUI-B 6	6	150	144	211238	0,58



4/50 x B3 i304 (212096)

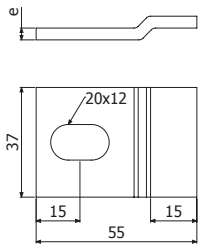
BI





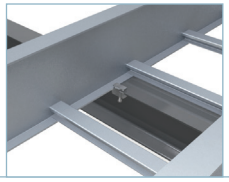
	e	AL	
	mm	REF	Kg/ud
BIS	4	214472	0,02
BIR	4	215445	0,02

SP/SPD --> DIN933 M10X30 (217547 - i304) + TM41 M10 (217584 - GC)
BIS -> IL / IS
BIR -> IR



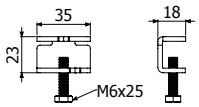
BEV





	H		GC		i304	
	inch	mm	REF	Kg/ud	REF.	kg/ud
BEV	6	150	211805	0,07	214473	0,05

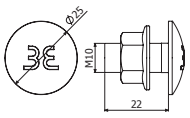
10

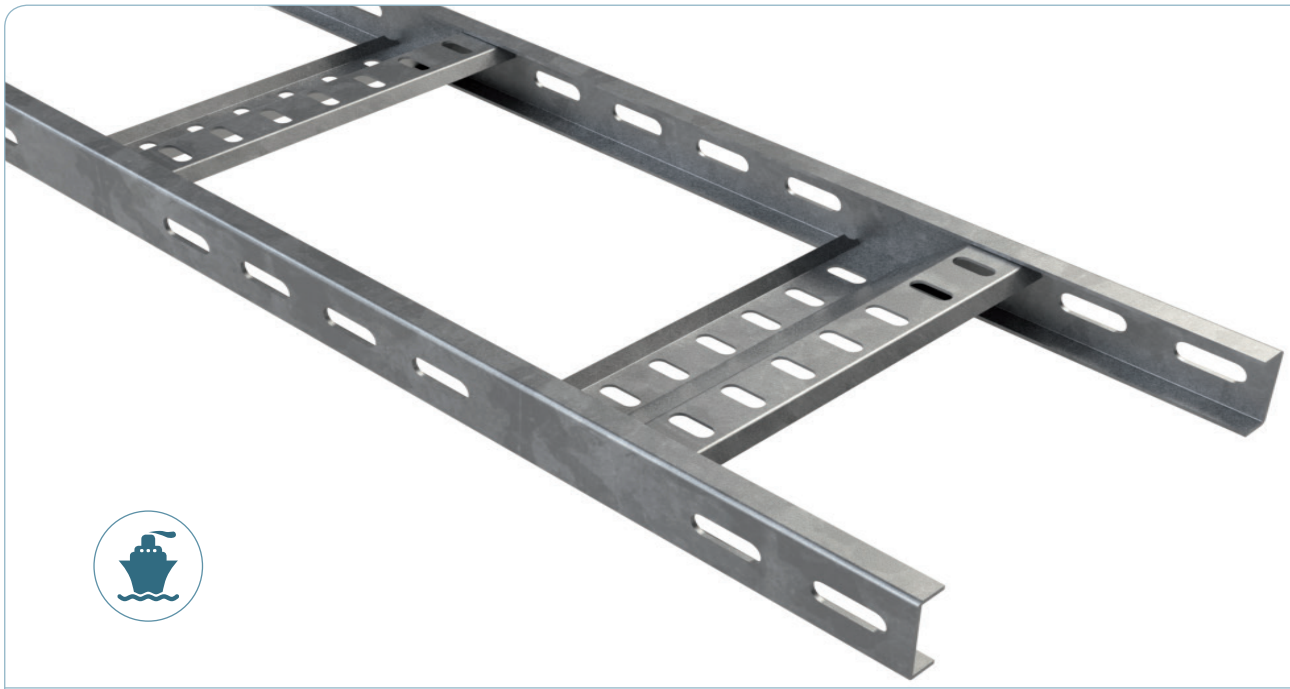


B3



	Pap	i304		i316	
	N·m	REF.	kg/ud	REF.	kg/ud
B3-50	35	212096	1,80	215575	1,80





L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

6
UNE-EN 61537

20J
UNE-EN 61537

EML

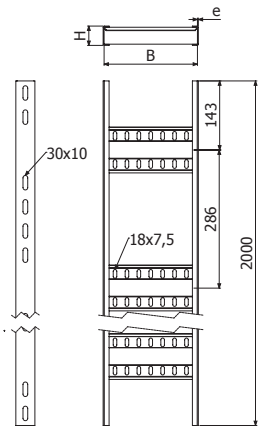


L = 2 m (6,55 ft)

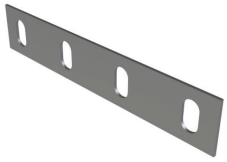
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
EML 100X40X2 2M	100	4"	40	1 4/7"	2	211265	2,27
EML 200X40X2 2M	200	8"	40	1 4/7"	2	211266	2,74
EML 300X40X2 2M	300	12"	40	1 4/7"	2	211267	3,20
EML 400X40X2 2M	400	16"	40	1 4/7"	2	211268	3,67
EML 500X40X2 2M	500	20"	40	1 4/7"	2	211269	4,15
EML 600X40X2 2M	600	24"	40	1 4/7"	2	211270	4,60

2 x JUEML (210179 - GS)



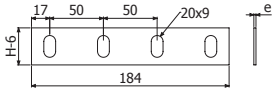


JUEML



	H		e	GS		GC	
	mm	inch	mm	REF.	kg/ud	REF.	kg/ud
JUEML	40	1 4/7"	2	210179	0,09	210304	0,09

4 x B2 (206792- GC)

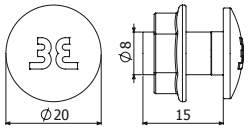


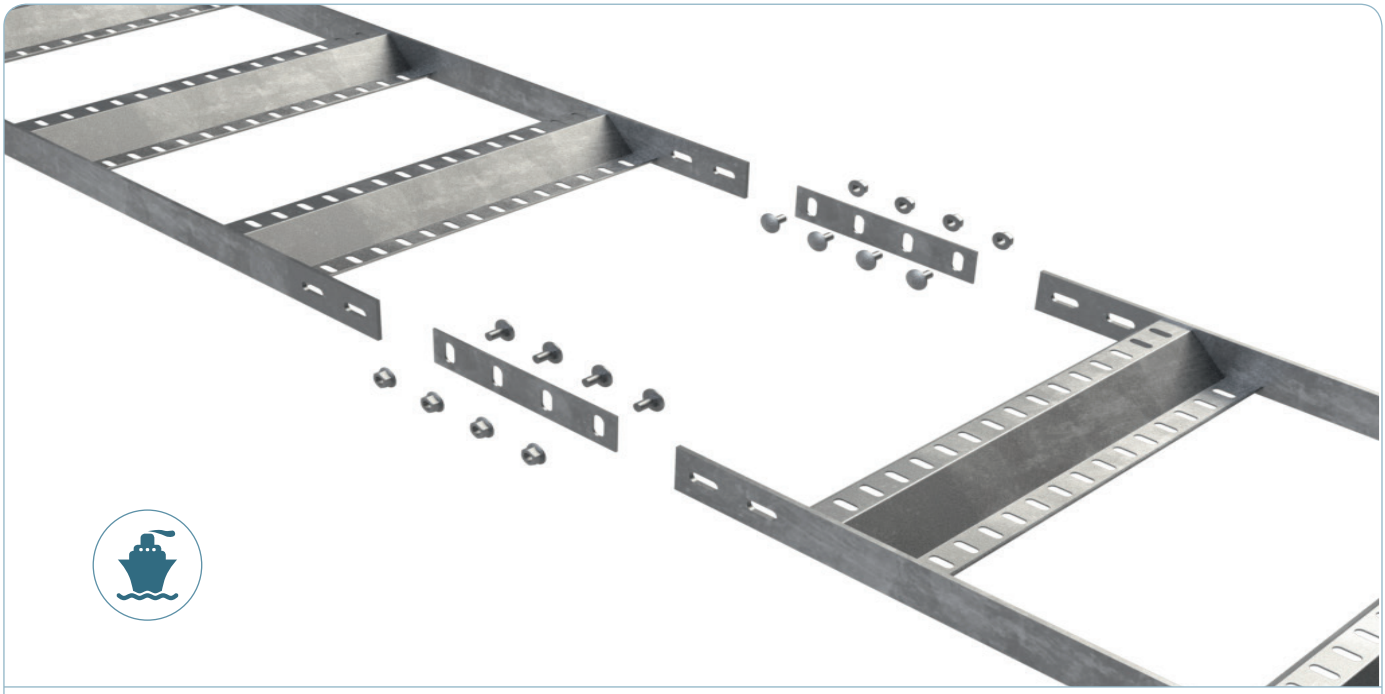
B2



	Pap	GC		i304	
	N·m	REF.	kg/ud	REF.	kg/ud
B2-100	15	206792	1,83	205392	1,71

13





L > 100 m *
UNE-EN 61537

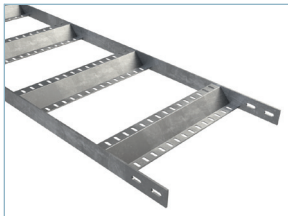
M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

6
UNE-EN 61537

20J
UNE-EN 61537

EMS

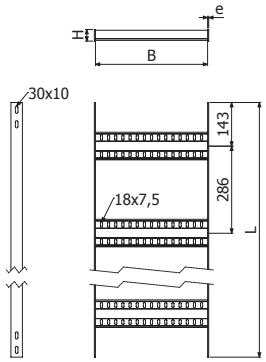


L = 2 m (6,55 ft)

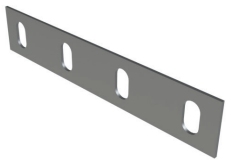
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
EMS 100X50X4 2M	100	4"	50	2"	4	217273	4,14
EMS 200X50X4 2M	200	8"	50	2"	4	217274	4,56
EMS 300X50X4 2M	300	12"	50	2"	4	217275	4,98
EMS 400X50X4 2M	400	16"	50	2"	4	217276	5,40
EMS 500X50X4 2M	500	20"	50	2"	4	217277	5,64
EMS 600X50X4 2M	600	24"	50	2"	4	217278	6,24

2 x JUEMS (217279 - GC)



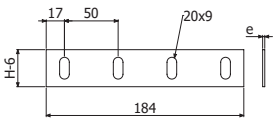


JUEMS



	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUEMS	50	1 4/7"	3	217279	0,13

2 x B2 (206792 - GC)

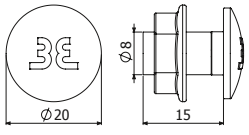


B2



	Pap	GC		i304	
	N·m	REF.	kg/ud	REF.	kg/ud
B2-100	15	206792	1,83	205392	1,71

13





basorsupport

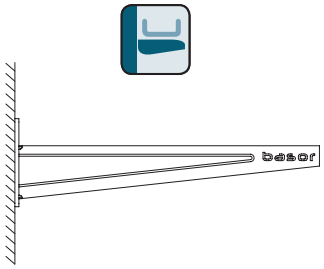
P. 07

P. 13

P. 20

P. 24





C-SHO

GS GC i304 i316



98-45 kg (217-100 lb)

P. 8

SCR

GS GC i304 i316



GS/GC 70-60 kg (155-133 lb)

i304/i316 120-42 kg (264-92 lb)

P. 8

SRB

GS GC



70-60 kg (155-133 lb)

P. 8

SHL

GC i304 i316



250-205 kg (550 - 450 lb)

P. 9

SHR

GC i304 i316

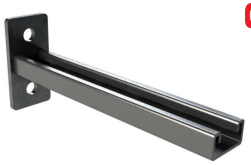


480 - 265 kg (1058 - 584 lb)

P. 9

SP2

GC

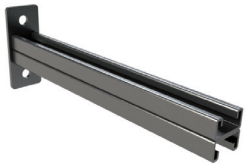


165-117 kg (364-258 lb)

P. 9

SPD2

GC



380-230 kg (838-508 lb)

P. 9

SP

GC i304 i316



GC 350-200 kg (772-441 lb)

i304/i316 525-213 kg (1157-469 lb)

P. 10

SPD

GC i304 i316



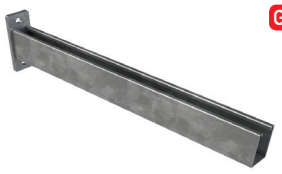
GC 500-260 kg (1103-574 lb)

i304/i316 610-320 kg (1344-705 lb)

P. 10

SP8

GC



600-305 kg (1322-672 lb)

P. 10

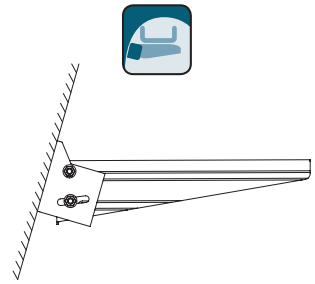
SHST

GS



160 - 106 kg (352 - 233 lb)

P. 12



KS + SCR

GS GC i304 i316



60-40 kg (133-89 lb)

P. 8 / 11

KS + SRB

GS GC



60-40 kg (133-89 lb)

P. 8 / 11

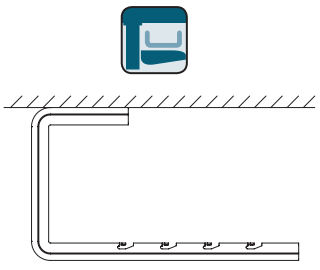
KSR + C-SR

GC i304 i316



135-80 kg (298-177 lb)

P. 12



C-SHOT

GS GC i304 i316



105-37 kg (232-82 lb)

P. 14

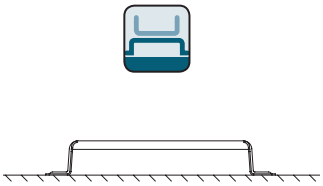
C-SVO + VR8

GS GC i304 i316



250-87 kg (552-192 lb)

P. 14



SV

GS GC i304 i316



120-90 kg (265-199 lb)

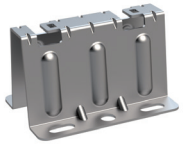
P. 19

220-180 kg (486-397 lb)

P. 19

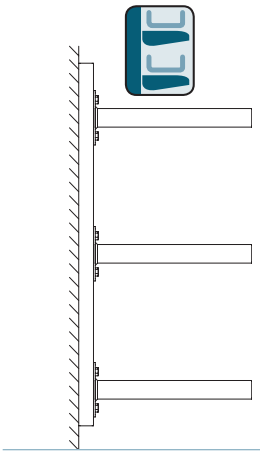
PBF

GS GC i304 i316



250 kg (551 lb)

P. 19



SVP+SP



GC

350-200 kg (772-441 lb)

P. 11

I8 + SHV

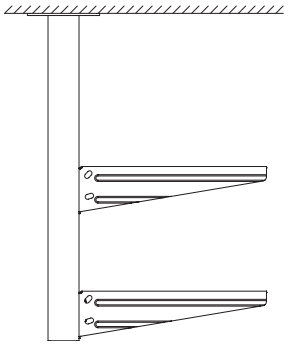


GC

200 kg (441 lb)

P. 11





C-SHO400+C-SHO



GS GC i304 i316

80-39 kg (177-86 lb)

P. 14

SUL+SCR/SRB



GS GC

315-106 kg (695-234 lb)

P. 15

SU/SUR + SCR/SRB/SHL/SHR



GS GC

431-160 kg (951-353 lb) / **705-310 kg** (1555-684 lb)

P. 15 / 20

SZ+SCR/SRB



GC

429-167 kg (946-369 lb)

P. 17 / 20

SP3S + SHST



GS GC

328-98 kg (723-216 lb)

P. 16

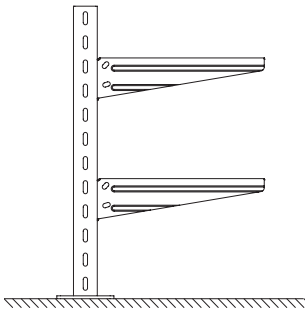
SP+SP/SHL



GC i304 i316

470-170 kg (1037-375 lb)

P. 16 / 20



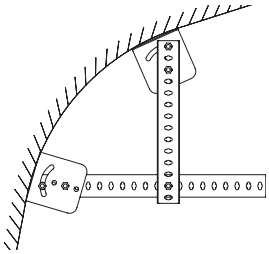
SPD+SP/SHR

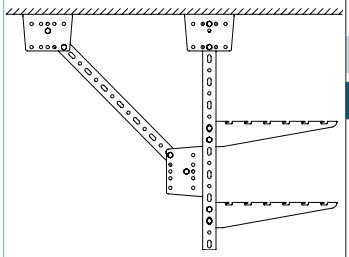


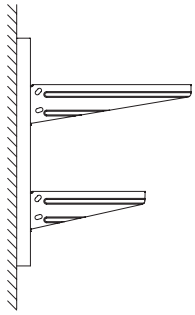
GC i304 i316

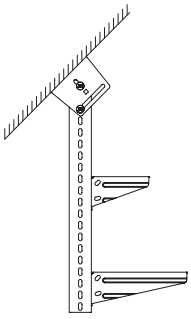
837-313 kg (1846-691 lb)

P. 16 / 20









CT30



P. 23



P. 23

PC









P. 24 / 25

41X41X2-3S + SBL41





P. 26

I8





P. 17 / 26 / 27

41/82







M0
UNE-EN 61537
UNE 23727

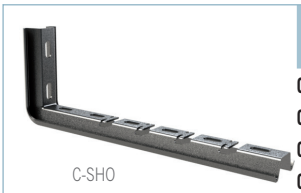
X X
UNE-EN 61537

150°C
-50°C
UNE-EN 61537

CTA kg (lb)

		B mm (inch)										
		50 (2")	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")	700 (28")	800 (32")	1000 (40")
C-SH0	3 6	-	105 (231)	100 (220)	81 (178)	45 (99)	27 (59)	-	-	-	-	-
	9A 9B	-	85 (187)	69 (152)	45 (99)	35 (77)	22 (48)	-	-	-	-	-
SCR	3 6	70 (55)	70 (55)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	-	-
	9A 9B	120 (264)	120 (264)	87 (191)	70 (154)	50 (110)	42 (92)	53 (116)	45 (99)	-	-	-
SRB	3 6	-	70 (155)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	-	-
SHL	6 9C 9D	-	205 (450)	205 (450)	205 (450)	250 (550)	250 (550)	250 (550)	250 (550)	-	-	-
SHR	6 9C 9D	-	-	-	-	480 (1058)	365 (804)	300 (661)	285 (628)	270 (595)	265 (584)	-
SP2	6	-	165 (364)	-	141 (311)	117 (258)	-	-	-	-	-	-
SPD2	6	-	380 (838)	-	325 (717)	268 (591)	230 (508)	-	-	-	-	-
SP	6	-	350 (772)	350 (772)	350 (772)	290 (640)	250 (552)	220 (486)	200 (441)	-	-	-
	9C 9D	-	525 (1157)	444 (979)	342 (754)	292 (643)	250 (551)	231 (509)	213 (469)	-	-	-
SPD	6	-	-	-	-	-	500 (1103)	500 (1103)	430 (948)	370 (816)	320 (706)	260 (574)
	9C 9D	-	-	-	-	-	610 (1344)	610 (1344)	520 (1146)	450 (992)	390 (859)	320 (705)
SP8	6	-	-	-	-	-	600 (1322)	600 (1322)	600 (1322)	540 (1190)	464 (1022)	305 (672)
SP+R450	6	-	-	-	-	-	724 (1597)	592 (1306)	501 (1105)	434 (957)	383 (845)	310 (684)
SPD+R450	6	-	-	-	-	-	-	1123 (2476)	950 (2095)	823 (1815)	726 (1601)	588 (1297)
SHST	3	-	160 (352)	160 (352)	146 (321)	157 (346)	124 (273)	111 (244)	106 (233)	-	-	-
SVP+SP	6	-	-	350 (772)	350 (772)	290 (640)	250 (552)	220 (486)	200 (441)	-	-	-
I8+SHV	6	-	-	-	-	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)	-
KS+SCR/SRB	3 6	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	55 (122)	50 (111)	40 (89)	40 (89)	-	-
KSR+C-SR	3 6 9A 9B	-	-	-	135 (298)	120 (265)	110 (243)	100 (221)	80 (177)	-	-	-

C-SHO



C-SHO



PSHO



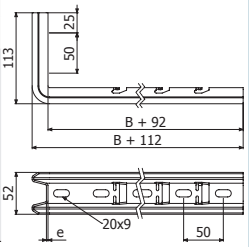
	B		e	CTA		GS		GC		e i304	CTA		i304		i316	
	mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud	mm	kg	lb	REF.	kg/ud	REF.	kg/ud
C-SHO 100	100	4”	1,5	105	231	207230	0,26	207239	0,28	1,5	85	187	207490	0,26	217824	0,26
C-SHO 150	150	6”	2	100	220	207231	0,40	207240	0,47	1,5	69	152	207491	0,29	218415	0,29
C-SHO 200	200	8”	2	81	178	207232	0,45	207241	0,53	1,5	45	99	207492	0,34	217825	0,34
C-SHO 300	300	12”	2	45	99	207233	0,55	207242	0,59	1,5	35	77	207493	0,42	217826	0,42
C-SHO 400	400	16”	2	27	59	207234	0,71	207243	0,66	1,5	22	48	207494	0,66	218416	0,66
PSH0	-	-	2	-	-	206240	0,03	206318	0,03	2	-	-	218139	0,03	218479	0,03

TFS0 (200894)

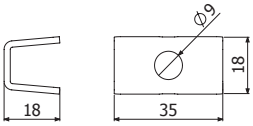
B1 (204356-EZ / 206826-GC / 204925-i304)



TFS0

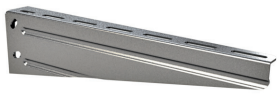


C-SHO



PSHO

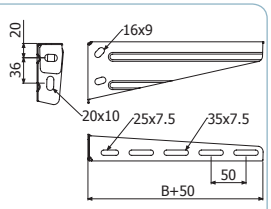
SCR



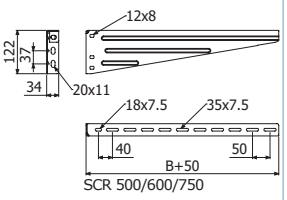
	B		e	CTA		GS		GC		e	CTA		i304		i316	
	mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud	mm	kg	lb	REF.	kg/ud	REF.	kg/ud
SCR 50	50	2”	1,5	70	155	200975	0,12	203450	0,13	1,5	120	264	200994	0,18	218433	0,18
SCR 100	100	4”	1,5	70	155	200976	0,17	200980	0,19	1,5	120	264	200995	0,23	217829	0,23
SCR 150	150	6”	1,5	60	133	200977	0,21	200981	0,23	1,5	87	191	200996	0,29	218434	0,29
SCR 200	200	8”	1,5	60	133	200978	0,25	200982	0,27	1,5	70	154	204691	0,40	218435	0,40
SCR 300	300	12”	2	60	133	200997	0,47	201002	0,50	1,5	50	110	201020	0,49	218436	0,49
SCR 400	400	16”	2	60	133	200998	0,60	201003	0,64	1,5	42	92	201021	0,71	218437	0,71
SCR 500	500	20”	2	60	133	200999	0,97	201004	1,03	1,5	53	116	204464	0,83	218438	0,83
SCR 600	600	24”	2	60	133	201000	1,13	201005	1,20	1,5	45	99	201022	0,97	218439	0,97
SCR 750	750	30”	2	60	133	203438	1,50	201006	1,81		-	-				

B1 (204356-EZ / 206826-GC / 204925-i304 / 218388-i316)

CTBF (204362-EZ / 207132-GC / 204923-i304 / 208229-i316)

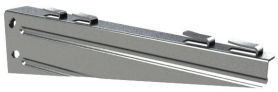


SCR 50/100/200/300/400

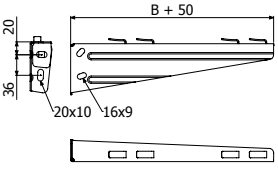


SCR 500/600/750

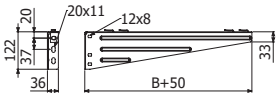
SRB



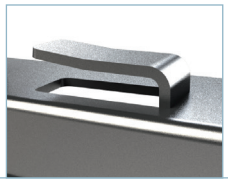
		B		e	CTA		GS		GC	
		mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud
SRB 100	2	100	4”	1,5	70	155	206372	0,18	206379	0,20
SRB 150	2	150	6”	1,5	60	133	206373	0,26	206380	0,29
SRB 200	3	200	8”	1,5	60	133	206374	0,38	206381	0,42
SRB 300	4	300	12”	2	60	133	206375	0,49	206382	0,52
SRB 400	4	400	16”	2	60	133	206376	0,63	206383	0,69
SRB 500	4	500	20”	2	60	133	206377	1,01	206384	1,09
SRB 600	4	600	24”	2	60	133	206378	1,14	206385	1,24



SRB 100/150/200/300/400



SRB 500/600



SHL

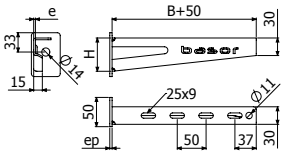


	B		e	ep	H		CTA		GC	
	mm	inch	mm	mm	mm	inch	kg	lb	REF.	kg/ud
SHL 100	100	4”	1,5	4	47	1 6/7”	205	450	206866	0,27
SHL 150	150	6”	1,5	4	53	2”	205	450	206867	0,33
SHL 200	200	8”	1,5	4	58	2 207”	205	450	206868	0,49
SHL 300	300	12”	1,5	6	68	2 203”	250	550	206869	0,69
SHL 400	400	16”	1,5	6	79	3 1/9”	250	550	206870	0,85
SHL 500	500	20”	2	6	89	3 1/2”	250	550	206871	1,27
SHL 600	600	24”	2	6	100	4”	250	550	206872	1,49

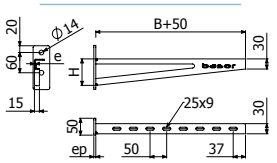
B1 (204356-EZ / 206826-GC)

CTBF (204362-EZ / 207132-GC)

BFE (200863-GC) + B2 (206792-GC)

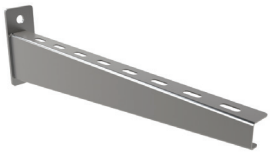


SHL 100/150/200



SHL 300/400/500/600

SHL

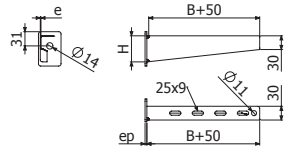


	B		e	ep	H		CTA		i304		i316	
	mm	inch	mm	mm	mm	inch	kg	lb	REF.	kg/ud	REF.	kg/ud
SHL 100	100	4”	1,5	4	47	1 6/7”	205	450	217141	0,30	218449	0,30
SHL 150	150	6”	1,5	4	53	2”	205	450	217142	0,35	218450	0,35
SHL 200	200	8”	1,5	4	58	2 207”	205	450	217143	0,46	218451	0,46
SHL 300	300	12”	1,5	5	68	2 203”	250	550	217144	0,55	218452	0,55
SHL 400	400	16”	1,5	5	79	3 1/9”	250	550	217145	0,88	218453	0,88
SHL 500	500	20”	2	5	89	3 1/2”	250	550	217146	1,04	218454	1,04
SHL 600	600	24”	2	5	100	4”	250	550	217147	1,36	218455	1,36

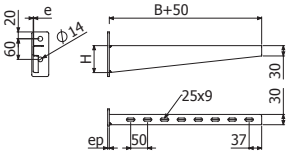
B1 (204925 i304 // 218388 i316)

CTBF (204923 i304 // 208229 i316)

BFE (203293 i304 // 218530 i316) + B2 (205392 i304 // 218443 i316)



SHL 100-200



SHL 300-600

SHR

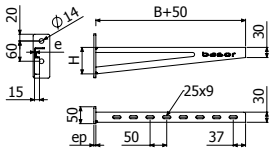


	B		e	ep	H		CTA		GC	
	mm	inch	mm	mm	mm	inch	kg	lb	REF.	kg/ud
SHR 300	300	12”	2,5	6	68	2 203”	480	1058	205525	0,90
SHR 400	400	16”	2,5	6	79	3 1/9”	365	804	201023	1,13
SHR 500	500	20”	2,5	6	89	3 1/2”	300	661	201024	1,42
SHR 600	600	24”	2,5	6	100	4”	285	628	201025	1,67
SHR 700	700	28”	2,5	6	110	4 1/3”	270	595	201026	2,04
SHR 800	800	32”	2,5	6	120	4 /5/7”	265	584	201027	2,24

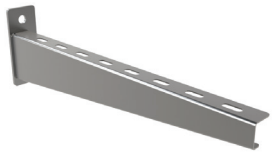
B1 (204356-EZ / 206826-GC)

CTBF (204362-EZ / 207132-GC)

BFE (200863-GC) + B2 (206792-GC)



SHR

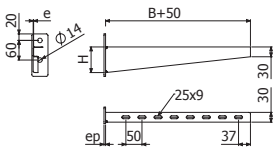


	B		e	ep	H		CTA		i304		i316	
	mm	inch	mm	mm	mm	inch	kg	lb	REF.	kg/ud	REF.	kg/ud
SHR 300	300	12”	2,5	5	68	2 203”	480	1058	218122	0,89	218456	0,89
SHR 400	400	16”	2,5	5	79	3 1/9”	365	804	218123	1,10	218457	1,10
SHR 500	500	20”	2,5	5	89	3 1/2”	300	661	218124	1,40	218458	1,40
SHR 600	600	24”	2,5	5	100	4”	285	628	218125	1,67	218459	1,67
SHR 700	700	28”	2,5	5	110	4 1/3”	270	595	218126	2,00	218460	2,00
SHR 800	800	32”	2,5	5	120	4 /5/7”	265	584	218127	2,30	218461	2,30

B1 (204925 i304 // 218388 i316)

CTBF (204923 i304 // 208229 i316)

BFE (203293 i304 // 218530 i316) + B2 (205392 i304 // 218443 i316)



SP2



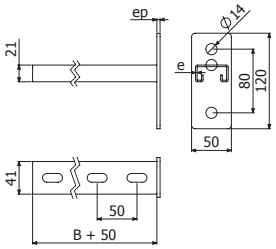
	B		e	ep	CTA		GC	
	mm	inch	mm	mm	kg	lb	REF.	kg/ud
SP2 100	100	4"	2	4	165	364	208778	0,53
SP2 200	200	8"	2	4	141	311	208779	0,61
SP2 300	300	12"	2	4	117	258	208780	0,88

B1 (204356-EZ / 206826-GC) + DIN9021 M6 (207023-EZ / 207022-i304)

CFBFR41 (210284)

DIN933 M8x20 (217546-i304) + TAD M8 (217558-EZ) + BFE (200863-GC) + DIN125 M8 (217541-EZ / 217544-i304)

DIN933 M10x20 (218578-i304) + TAD M10 (218742-i316) + BFE (200864-GC / 218531-i304 / 218532-i316) + DIN125 M10 (217541-EZ / 217542-i304 / 218741-i316)



SPD2

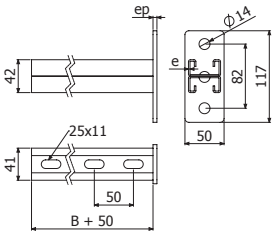


	B		e	ep	CTA		GC	
	mm	inch	mm	mm	kg	lb	REF.	kg/ud
SPD2 200	200	8"	2	4	325	717	208781	1,07
SPD2 300	300	12"	2	4	265	591	208782	1,40
SPD2 400	400	16"	2	4	230	508	208783	1,73

CFBFR41 (210284)

DIN933 M8x20 (217546-i304) + TAD M8 (217558-EZ) + BFE (200863-GC) + DIN125 M8 (217541-EZ / 217544-i304)

DIN933 M10x20 (218578-i304) + TAD M10 (218742-i316) + BFE (200864-GC / 218531-i304 / 218532-i316) + DIN125 M10 (217541-EZ / 217542-i304 / 218741-i316)

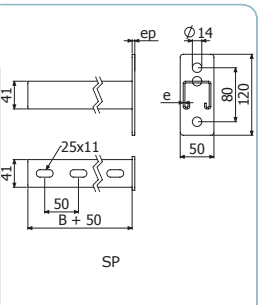


SP

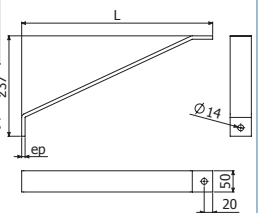


	B		e	ep	SP		SP+REF		GC		e	i304		i316	
	mm	inch	mm	mm	kg	lb	kg	lb	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
SP 100	100	4"	2,5	4	350	772	-	-	206495	0,58	2	218128	0,48	218462	0,48
SP 150	150	6"	2,5	4	350	772	-	-	204939	0,74	2	218129	0,58	218463	0,58
SP 200	200	8"	2,5	4	350	772	-	-	204733	0,88	2	218130	0,68	218464	0,68
SP 300	300	12"	2,5	4	290	640	-	-	204734	1,11	2	218131	0,87	218465	0,87
SP 400	400	16"	2,5	4	250	552	724	1597	21036	1,41	2	218132	1,08	218466	1,08
SP 500	500	20"	2,5	4	220	486	592	1306	21037	1,67	2	218666	1,58	218668	1,58
SP 600	600	24"	2,5	6	200	441	501	1105	204938	2,04	2	218667	1,84	218669	1,84
SP 800	800	32"	2,5	6	-	-	383	845	21038	2,53	2				
SP 1000	1000	40"	2,5	6	-	-	310	684	205086	3,06	2	☎	☎	☎	☎
R450	450	18"	-	8	-	-	-	-	207325	1,77	-				

TF41 PVC (205627)



SP



R450

ISO7380-2 M6x25 (217582-EZ / 217601-i304 / 218634-i316) + TM41 M6 (217556-EZ / 208225-GC / 218593-i316)

CFBFR41 (210284-i301 / 218567-i316) / ISO7380-2 M8x30 (218823-i304) + SSC (202064-EZ / 200363-GC / 200373-i304 / 218553-i316) + TM41 M8 (217557-EZ / 217583-GC / 218524-i304 / 217611-i316)

DIN933 M10x30 (217547-i304 / 217600-i316) + BFE M10 (200864-GC / 218531-i304 / 218532-i316) + TM41 M10 (217584-GC / 218525-i304 / 217612-i316)+ DIN125 M10 (217561-EZ / 217542-i304 / 218741-i316)





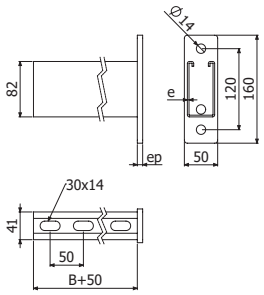


TF41

SP8



	B		e	ep	CTA		GC	
	mm	inch	mm	mm	kg	lb	REF.	kg/ud
SP8 400	400	15 3/4"	2,5	8	600	1322	209559	2,51
SP8 500	500	19 2/3"	2,5	8	600	1322	209560	2,96
SP8 600	600	23 5/8"	2,5	8	600	1322	209561	3,4
SP8 700	700	27 5/9"	2,5	8	540	1190	209562	3,85
SP8 800	800	31 1/2"	2,5	8	464	1022	209563	4,3
SP8 1000	1000	39 3/8"	2,5	8	305	672	209564	5,19
SP8 1500	1500	59 "	2,5	8	-	-	209565	7,43



SP8

CFBFR41 (210284-i301) / ISO7380-2 M8x30 (218823-i304) + SSC (202064-EZ / 200363-GC / 200373-i304) + TAD M8 (217558-EZ)

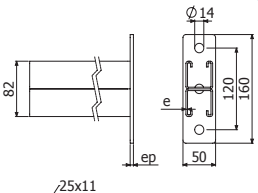
DIN933 M10x30 (217547-i304) + BFE M10 (200864-GC / 218531-i304) + TAD M10 (218742-I316)+ DIN125 M10 (217561-EZ / 217542-i304)

SPD



	B		e	ep	SPD		SPD+REF		GC		e	CTA		i304		i316	
	mm	inch	mm	mm	kg	lb	kg	lb	REF.	kg/ud	mm	kg	lb	REF.	kg/ud	REF.	kg/ud
SPD 300	300	12"	2,5	8	500	1103	-	-	206251	2,12	2	-	-	☎	☎	☎	☎
SPD 400	400	16"	2,5	8	500	1103	-	-	206250	2,65	2	610	1344	218133	2,30	218467	2,30
SPD 500	500	20"	2,5	8	500	1103	1123	2476	206272	3,18	2	610	1344	218134	2,69	218468	2,69
SPD 600	600	24"	2,5	8	430	948	950	2095	205621	3,71	2	520	1146	218135	3,10	218469	3,10
SPD 700	700	28"	2,5	8	370	816	823	1815	206273	4,24	2	450	992	218136	3,49	218470	3,49
SPD 800	800	32"	2,5	8	320	706	726	1601	206274	4,77	2	390	859	218137	3,89	218471	3,89
SPD 1000	1000	40"	2,5	8	260	574	588	1297	204641	5,84	2	320	705	218138	5,57	218472	5,57
R450	450	18"	-	8	-	-	-	-	207325	1,77	-	-	-	-	-	-	-

TF41 PVC (205627)

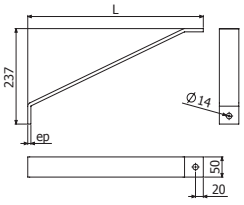


SPD

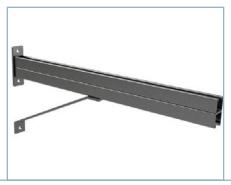
ISO7380-2 M6x25 (217582-EZ / 217601-i304 / 218634-i316) + TM41 M6 (217556-EZ / 208225-GC / 218593-i316)

CFBFR41 (210284-i301 / 218567-i316) / ISO7380-2 M8x30 (218823-i304) + SSC (202064-EZ / 200363-GC / 200373-i304 / 218553-i316) + TM41 M8 (217557-EZ / 217583-GC / 218524-i304 / 217611-i316)

DIN933 M10x30 (217547-i304 / 217600-i316) + BFE M10 (200864-GC / 218531-i304 / 218532-i316) + TM41 M10 (217584-GC / 218525-i304 / 217612-i316)+ DIN125 M10 (217561-EZ / 217542-i304 / 218741-i316)



R450

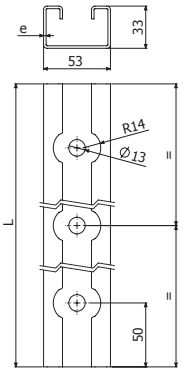



TF41

SVP

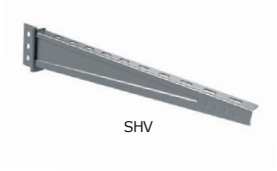


		e	L		Mmax	GC	
		mm	mm	inch	kg/m	REF.	kg/ud
SVP 500	2	2	500	20"	40,9	203633	1,26
SVP 700	3	2	700	28"	40,9	205953	1,76
SVP 800	3	2	800	32"	40,9	204958	1,98
SVP 1000	3	2	1000	40"	40,9	206340	2,50

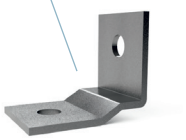


SHL/SHR/SP/SPD + DIN933 M10x30 (217547-i304 / 217600-i316) + TM41 M10 (217584-GC / 218525-i304 / 217612-i316))

I8 + SHV + BI8


SHV


I8


BI8

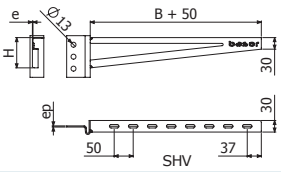
	L	B	BRD P	e	ep	H		CTA		GC	
	mm	inch	n	mm	mm	mm	inch	kg	lb	REF.	kg/ud
I8 600	600	24"	3	-	-	-	-	-	-	206345	3,49
I8 1000	1000	40"	3	-	-	-	-	-	-	206346	5,81
I8 1300	1300	51" 1/6	4	-	-	-	-	-	-	206347	7,55
I8 1500	1500	59"	5	-	-	-	-	-	-	206348	8,72
I8 2000	2000	78" 3/4	6	-	-	-	-	-	-	206349	11,62
I8 3000	3000	118" 1/9	8	-	-	-	-	-	-	206350	17,43
SHV 200	200	8"	-	2,5	3	58	2 207	200	441	206058	0,99
SHV 300	300	12"	-	2,5	3	68	2 203	200	441	206271	1,28
SHV 400	400	16"	-	2,5	3	79	3 1/9	200	441	206259	1,58
SHV 500	500	20"	-	2,5	3	89	3 1/2	200	441	206057	1,88
SHV 600	600	24"	-	2,5	3	100	4	200	441	206275	2,17
SHV 700	700	28"	-	2,5	3	110	4 1/3	200	441	206276	2,47
SHV 800	800	32"	-	2,5	3	120	4 5/7	200	441	206277	2,77
BI8	-	-	-	-	-	-	-	-	-	206342	0,19

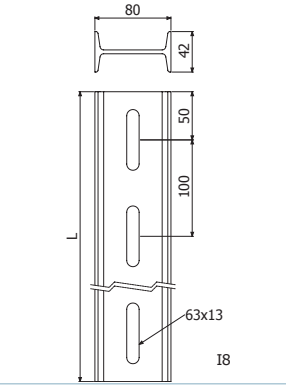
SHV + 2/100 x CT1 M10x30 (206320-I304) + 2 x DIN125 M10 (217542-i304 / 218741-i316)

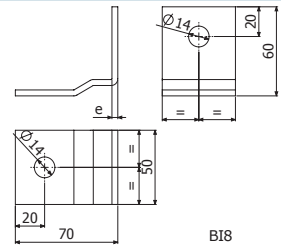
2 x B1 (204356-EZ / 206826-GC)

2 x CTBF (204362-EZ / 207132-GC)

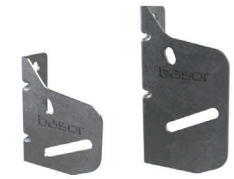
2 x (BFE (200863-GC) + 2 x B2 (206792-GC))







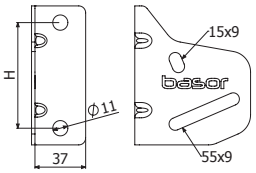
KS


KS


KS + SCR

	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
KS 50_400	76	3"	207211	0,22	207215	0,23	210049	0,22	218407	0,22
KS 500_750	94	3 5/7"	206289	0,43	205881	0,44	218077	0,43	218408	0,43

SCR / SRB + 2/100 B2 (204926-EZ / 206792-GC / 205392-i304 / 218443-i316)



KSR + C-SR



KSR+C-SR

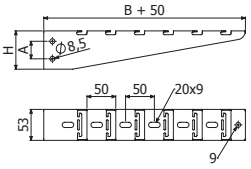


KSR

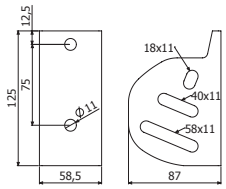
	B		e	H		A		CTA		GS		GC		i304		i316	
	mm	inch	mm	mm	inch	mm	inch	kg	lb	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
C-SR 100	100	4"	1,5	67	2 203"	30	1 1/6"	285	628	218543	0,23	218545	0,26	217815	0,23	218541	0,23
C-SR 150	150	6"	1,5	67	2 203"	30	1 1/6"	215	473	218544	0,29	218546	0,32	217816	0,29	218542	0,29
C-SR 200	200	8"	1,5	67	2 203"	30	1 1/6"	170	374	207264	0,36	203460	0,39	217817	0,36	218409	0,36
C-SR 300	300	12"	1,5	67	2 203"	30	1 1/6"	120	264	207265	0,49	201032	0,53	217818	0,49	218410	0,49
C-SR 400	400	16"	1,5	100	4"	60	2 3/8"	185	407	207266	0,81	201033	0,88	217819	0,81	218411	0,81
C-SR 500	500	20"	1,5	100	4"	60	2 3/8"	135	297	207267	0,97	201034	1,06	217820	0,97	218412	0,97
C-SR 600	600	24"	1,5	100	4"	60	2 3/8"	100	220	207268	1,14	201035	1,25	217821	1,14	218413	1,14
KSR	-	-	2	-	-	-	-	-	-	-	-	206828	0,35	218078	0,33	218414	0,33

KSR→ #/100 B2 (204926-EZ / 206792-GC / 205392-i304 / 218443-i316)
1 x CT2 M8X75 (206793-EZ / 214307-i304) +
i316) x B2 (204926-EZ / 206792-GC / 205392-i304 / 218443-

B1 (204356-EZ / 206826-GC / 204925-i304 / 218388-i316)



C-SR



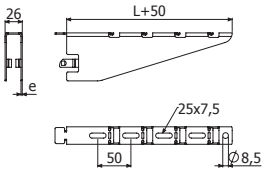
KSR

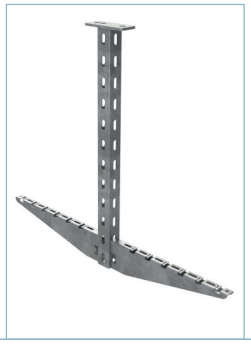
SHST



	L		e	CTA		GS	
	mm	inch	mm	kg	lb	REF.	kg/ud
SHST 100	100	4"	1,5	160	352	214489	0,20
SHST 150	150	6"	1,5	160	352	214490	0,26
SHST 200	200	8"	1,5	146	321	214491	0,31
SHST 300	300	12"	2	157	346	214492	0,57
SHST 400	400	16"	2	124	273	214493	0,72
SHST 500	500	20"	2	111	244	214494	0,87
SHST 600	600	24"	2	106	233	214495	0,97

B1 (204356-EZ / 206826-GC)





SP3S + SHST

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

X X

CTA (kg)

	B mm (inch)										
	50 (2")	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")	700 (28")	800 (32")	1000 (40")
C-SHOT 3 6 9A 9B	-	**105** (232)	**75** (166)	**70** (155)	**37** (82)	-	-	-	-	-	-
C-SVO + 2 VR8 3 6 9A 9B	-	**250** (552)	**200** (441)	**294** (649)	**235** (519)	**161** (355)	**115** (254)	**87** (192)	-	-	-
C-SHO 400 3 6	-	**43** (94)	**36** (79)	**34** (74)	**24** (52)	**19** (41)	-	-	-	-	-
9A 9B	-	**36** (79)	**30** (66)	**25** (55)	**19** (41)	**16** (35)	-	-	-	-	-
C-SHO 400 + C-SHO 100 3 6	-	**71** (156)	**59** (130)	**50** (110)	**39** (85)	-	-	-	-	-	-
9A 9B	-	**60** (132)	**50** (110)	**42** (92)	**33** (72)	-	-	-	-	-	-
SUL 6	**315** (695)	**267** (589)	**232** (512)	**205** (452)	**166** (366)	**140** (309)	**121** (267)	**106** (234)	-	-	-
SZ 7	**429** (946)	**375** (827)	**333** (735)	**300** (662)	**250** (552)	**214** (472)	**188** (415)	**167** (369)	-	-	-
SU 6 9C 9D	**431** (951)	**431** (951)	**368** (812)	**321** (708)	**255** (563)	**212** (468)	**182** (402)	**160** (353)	-	-	-
SUR 7 9C 9D	-	-	-	**705** (1555)	**582** (1284)	**495** (1092)	**431** (951)	**382** (843)	**342** (754)	**310** (684)	-
SU + R450 6	-	-	-	**489** (1079)	**349** (770)	**272** (600)	**222** (490)	**188** (415)	**163** (360)	**144** (318)	-
SUR + R450 7	-	-	-	**813** (1793)	**670** (1478)	**570** (1257)	**495** (1092)	**438** (966)	**393** (867)	**356** (785)	**300** (662)
SP 6 9C 9D	**470** (1037)	**470** (1037)	**400** (882)	**347** (766)	**275** (607)	**228** (503)	**195** (430)	**170** (375)	-	-	-
SP + R450 6	-	-	-	-	**486** (1072)	**378** (834)	**309** (682)	**262** (578)	**227** (501)	**200** (441)	**162** (358)
SP8 6	-	**926** (2041)	**832** (1834)	**755** (1664)	**638** (1406)	**511** (1126)	**418** (921)	**353** (778)	-	-	-
SPD 6	**837** (1846)	**837** (1846)	**748** (1650)	**675** (1489)	**566** (1248)	**487** (1074)	**428** (944)	**381** (840)	**344** (759)	**313** (691)	-
9C 9D	**875** (1929)	**875** (1929)	**783** (1726)	**708** (1560)	**594** (1309)	**512** (1128)	**450** (992)	**401** (884)	**362** (798)	**329** (725)	-
SPD + R450 6	-	-	-	-	**810** (1786)	**630** (1389)	**515** (1136)	**436** (962)	**378** (834)	**333** (735)	**270** (596)

C-SHOT



C-SHOT

	B		CTA		e	GS		GC		e	i304		i316	
	mm	inch	(kg)	lb	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
C-SHOT 100	100	4"	105	232	1,5	207235	0,48	207244	0,52	1,5	207495	0,40	218417	0,56
C-SHOT 150	150	6"	75	166	2	207236	0,52	207245	0,55	1,5	207496	0,45	218418	0,62
C-SHOT 200	200	8"	70	155	2	207237	0,58	207246	0,62	1,5	207497	0,50	218419	0,70
C-SHOT 300	300	12"	37	82	2	207238	0,70	207247	0,75	1,5	207498	0,60	218420	0,79
PSH0	-	-	-		2	206240	0,03	206318	0,04	2	218139	0,03	218479	0,03

TFS0 (200894)

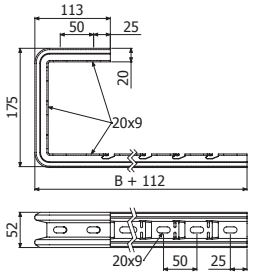
1 PSH0 (206240-GS / 206318-GC / 218139-I304 / 218479-I316)

B1 (204356-EZ / 206826-GC / 204925-I304 / 218388-i316)

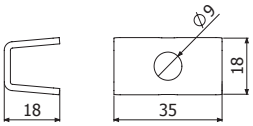




TFS0



C-SHOT



PSH0



PSH0

C-SV0



	B		e	CTA		GS		GC		e	i304		i316	
	mm	inch	mm	(kg)	lb	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
C-SV0 100	100	4"	1,5	250	552	203630	0,24	206280	0,25	1,5	206285	0,24	218421	0,24
C-SV0 150	150	6"	1,5	200	441	201073	0,31	21078	0,32	1,5	21087	0,31	218422	0,31
C-SV0 200	200	8"	2	294	649	201074	0,37	21079	0,39	1,5	21088	0,37	218423	0,36
C-SV0 300	300	12"	2	235	519	201076	0,43	21081	0,45	1,5	21090	0,48	218424	0,48
C-SV0 400	400	16"	2	161	355	203629	0,55	205719	0,57	1,5	206286	0,76	218425	0,76
C-SV0 450	450	18"	2	115	254	201075	0,60	-	-	-	-	-	-	-
C-SV0 500	500	20"	2	115	254	201077	0,67	21082	0,69	1,5	206287	1,04	218426	1,04
C-SV0 600	600	24"	2	87	192	205941	0,79	205720	0,81	1,5	206288	1,31	218427	1,31

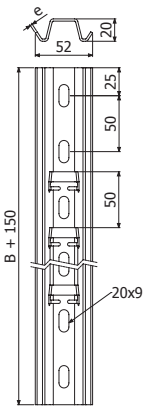
TFS0 (200894)

2 x DIN976 M8x1000 (203397-EZ / 206852-i304) + 4 x DIN6923 M8 (217553-EZ / 217555-i304)

B1 (204356-EZ / 206826-GC / 204925-I304 / 218388-i316)



TFS0



C-SH0



C-SHO 400

	L		e	Fmáx	Mmáx	Cd	GS		GC		Fmáx	Mmáx	Cd	i304		i316	
	mm	inch	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud
C-SH0 400	400	16"	2	200	5,4	3,05	207234	0,66	207243	0,71	185	4,4	5,8	207494	0,66	218416	0,66
C-SH0 400 + C-SH0 100	400	16"	2	341	8,8	2,35	-	-	-	-	318	7,3	3,5	-	-	-	-
PSH0	-	-	2	-	-	-	206240	0,03	206318	0,03	-	-	-	218139	0,30	218479	0,30



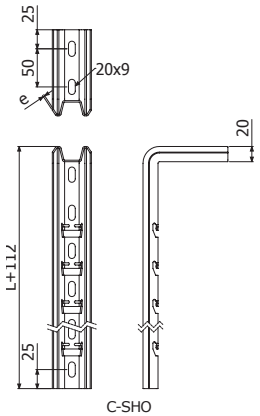
C-SHO 400 + C-SHO 100

C-SH0 100 (207230-GS / 207249-GC / 207490-i304 / 218424-i316) + CT2 M8x55 (210088-EZ)

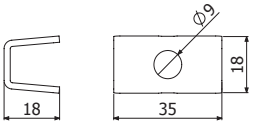


C-SHO 400 + C-SHO 200

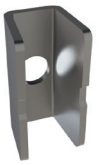
C-SH0 + DIN933 (217545-EZ) + DIN6923 M8 (217553-EZ / 217555-i304 / 218679-i316)



C-SHO



PSH0



PSH0

SUL

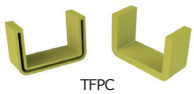


	L		e	ep	Fmáx	Mmáx	GC	
	mm	inch	mm	mm	kg	kg·m	REF.	kg/ud
SUL 210	210	8 1/4"	2	4	383	34,44	204518	0,57
SUL 300	300	12"	2	4	383	34,44	204519	0,75
SUL 600	600	24"	2	4	383	34,44	207280	1,37
TFPC PVC	(214809)							

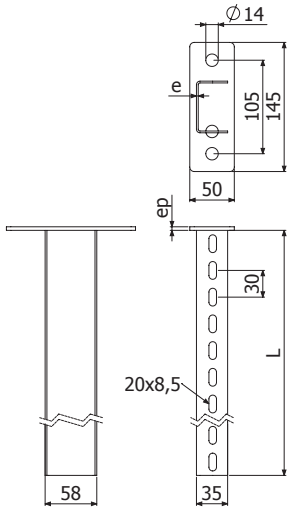
SCR/SRB/SHL/SHR + 2/100 x B2 (204926-EZ / 206792-GC / 205392-i304 / 218443-i316)

C-SR + 2 x CT2 (214307 - i304)





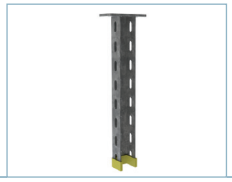
TFPC



SU

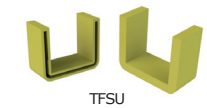


SU

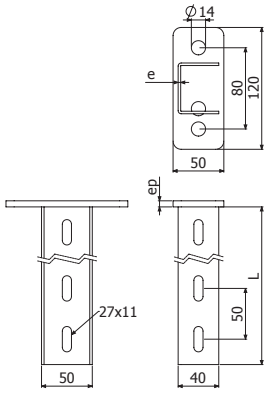


	L		e	ep	Fmáx	Mmáx	Cd	GC		i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SU 400	400	16"	2,5	6	656	51,55	0,191	207142	1,19	217148	1,13	218473	1,13
SU 600	600	24"	2,5	6	656	51,55	0,287	207143	1,64	217149	1,56	218474	1,56
SU 800	800	32"	2,5	6	656	51,55	0,398	207144	2,09	217150	1,99	218475	1,99
TFSU PVC	(212114)												

SCR/SRB/SHL/SHR + 2/100 x B2 (204926-EZ / 206792-GC / 205392-i304 / 218443-i316)



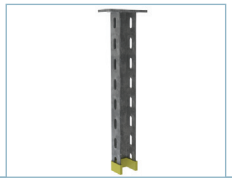
TFSU



SUR

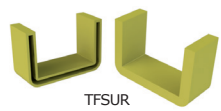


SUR

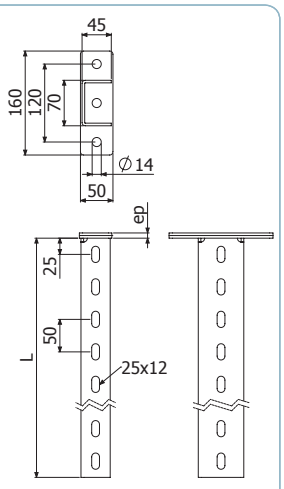


	L		e	ep	Fmáx	Mmáx	Cd	GC		i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SUR 600	600	24"	4	8	1100	145	0,080	207487	3,33	217598	2,99	218476	2,99
SUR 800	800	32"	4	8	1100	145	0,131	207488	4,28	217599	3,83	218477	3,83
SUR 1000	1000	40"	4	8	1100	145	0,204	207489	5,22	209881	5,06	218478	5,06
TFSUR PVC	(214254)												

SHL/SHR/SP/SPD + 2/50 x B3 (208827-GC / 212096-I304 / 215575-i316)



TFSUR



SP3S



SP3S



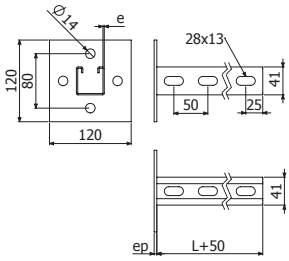
	L		e	ep	Fmáx	Mmáx	Cd	GC		EZ	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud
SP3S 400	400	16"	2	4	800	34,5	0,195	217308	1,39	218658	1,31
SP3S 500	500	20"	2	4	800	34,5	-	217309	1,61	218659	1,51
SP3S 600	600	24"	2	6	800	34,5	0,325	217310	2,04	218660	1,92
SP3S 800	800	32"	2	6	800	34,5	0,514	217311	2,44	218661	2,30
SP3S 1000	1000	40"	2	6	800	34,5	0,811	218664	2,86	218662	2,69
SP3S 1200	1200	48"	2	6	800	34,5	-	218665	3,27	218663	3,08

TF41 PVC (205627)

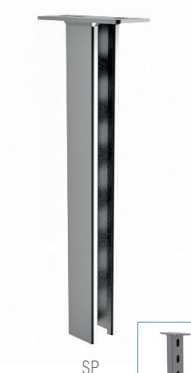
SHST



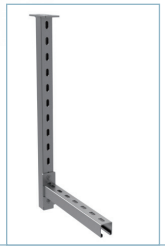
TF41



SP



SP





TF41

	L		e	ep	Fmáx	Mmáx	Cd	GC		e	i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
SP 300	300	12"	2,5	4	725	55,15	0,142	204734	1,11	2	218131	1,06	218465	1,06
SP 400	400	16"	2,5	4	725	55,15	0,203	201036	1,38	2	218132	1,32	218466	1,32
SP 500	500	20"	2,5	4	725	55,15	0,265	201037	1,64	2	218666	1,58	218669	1,58
SP 600	600	24"	2,5	6	725	55,15	0,326	204938	1,91	2	218667	1,84	218669	1,84
SP 800	800	32"	2,5	6	725	55,15	0,509	201038	2,44	-	-	-	-	-

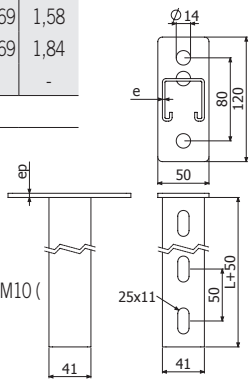
TF41 PVC (205627)

SCR/SRB (~~GC~~) + 2 x TEP M10x30 (217567-EZ) /
SCR/SRB + 2 x TM41 M8 (217583-GC / 218524-i304 / 217611-i316)
+ 2 x DIN933 M8x30 (205964-i304) + 2 x DIN125 M8 (217544-i304)
+ 2 x 4182K (218515-GC / 218758-i304)

SHL/SP/SHR + 2 x DIN933 M10X30 (217547-i304 / 217600-i316)
+ 2 x TM41 M10 (217584-GC / 218525-i304 / 217612-i316) + 2 x DIN125 M10 (217542-i304 / 218741-i316)

SCR/SRB + 2/100 x B2 (206792-GC / 205392-i304 / 218443-i316)

SHL + 2/50 x B3 (208827-GC / 212096-I304 / 215575-i316)



SP8

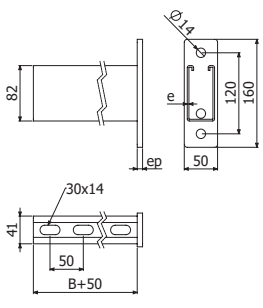


	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SP8 400	400	15 3/4"	2,5	8	1100	115	0,070	209559	2,51
SP8 500	500	19 2/3"	2,5	8	1100	115	0,088	209560	2,96
SP8 600	600	23 5/8"	2,5	8	1100	115	0,105	209561	3,4
SP8 700	700	27 5/9"	2,5	8	1100	115	0,123	209562	3,85
SP8 800	800	31 1/2"	2,5	8	1100	115	0,140	209563	4,3
SP8 1000	1000	39 3/8"	2,5	8	1100	115	0,175	209564	5,19
SP8 1500	1500	59 "	2,5	8	1100	115	0,262	209565	7,43

SP/SHL/SHR + 2 x DIN933 M10X30 (217547-i304) + 2 x TAD M10 (218742-i316) + 2 x DIN125 M10 (217542-i304 / 218741-i316)
SCR/SRB (~~GC~~) / SP/SHL/SHR + 2 x TEP M10x30 (217567-EZ)

SCR/SRB + 2/100 x B2 (206792-GC)

SHL + 2/50 x B3 (208827-GC)



SP8

SPD



SPD

	L		e	ep	Fmáx	Mmáx	Cd	GC		e	Fmáx	Mmáx	Cd	i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud
SPD 500	500	20"	2,5	8	1100	133	0,147	206272	3,18	2	1144	141	0,139	218134	3,03	218468	3,03
SPD 600	600	24"	2,5	8	1100	133	0,179	205621	3,71	2	1144	141	0,17	218135	3,54	218469	3,54
SPD 700	700	28"	2,5	8	1100	133	0,211	206273	4,24	2	1144	141	0,20	218136	4,04	218470	4,04
SPD 800	800	32"	2,5	8	1100	133	0,263	206274	4,77	2	1144	141	0,249	218137	4,55	218471	4,55
SPD 1000	1000	40"	2,5	8	1100	133	0,316	204641	5,84	2	1144	141	0,299	218138	5,57	218472	5,57
SPD 1500	1500	60"	2,5	8	1100	133	-	204642	8,73	-	-	-	-	-	-	-	-
SPD 2000	2000	80"	2,5	8	1100	133	-	218740	11,62	-	-	-	-	-	-	-	-

TF41 PVC (205627)

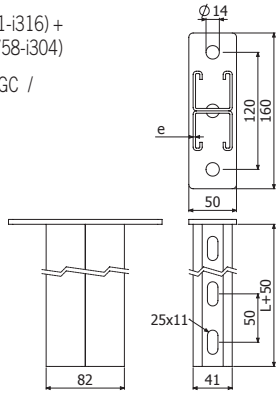
SCR/SRB (GC) + 2 x TEP M10x30 (217567-EZ) / 2 x TM41 M8 (217583-GC / 218524-i304 / 217611-i316) + 2 x DIN933 M8x30 (205964-i304) + 2 x DIN125 M8 (217544-i304) + 2 x 4182K (218515-GC / 218758-i304)

SHL/SHR/SP/SPD + 2 x DIN933 M10x30 (217547-i304) (217600-i316) + 2 x TM41 M10 (217584-GC / 218525-i304 / 217612-i316) + 2 x DIN125 M10 (217542-i304 / 218741-i316)





TF41



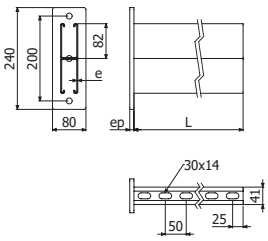
SPD8



	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SPD8 1000	1000	39 3/8"	2,5	10	3163	386	-	218688	10,00
SPD8 1500	1500	59 "	2,5	10	3163	386	0,034	218689	14,26
SPD8 2000	2000	78 3/4 "	2,5	10	3163	386	-	218690	18,52
SPD8 3000	3000	118 1/9 "	2,5	10	3163	386	0,116	218691	27,04

SHL/SP/SHR + 2 x DIN933 M10X30 (217547-i304) + 2 x TAD M10 (218742-i316) + 2 x DIN125 M10 (217542-i304 / 218741-i316)

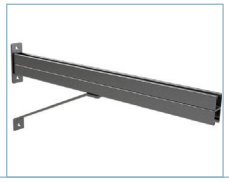
SCR/SRB (GC)/ SP/SHL/SHR + 2 x TEP M10x30 (217567-EZ)



SPD8

R450

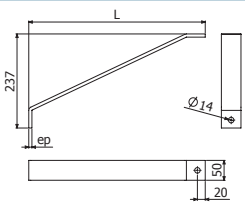




	L		e	GC	
	mm	inch	mm	REF.	kg/ud
R450	450	18"	8	207325	1,77

SU/SUR/SP/SP3S/SP8 + 1/50 x B3 (208827-GC / 212096-i304 / 215575-i316)

SP/SPD + DIN933 M10x30 (217547-i304) + TM41 M10 (217584-GC) + DIN125 M10 (217542-i304 / 218741-i316)



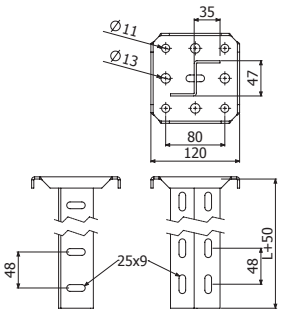
SZ





	L		e	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SZ 300	**300**	12"	**3**	556	54,1	0,224	201069	1,22
SZ 400	**400**	16"	**3**	556	54,1	0,259	201070	1,45
SZ 500	**500**	20"	**3**	556	54,1	0,345	201071	1,69
SZ 600	**600**	24"	**3**	556	54,1	0,483	201072	1,95

SCR/SRB/SHL + 2/100 x B2 (206792-GC)



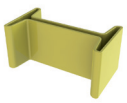
KI8 + I8



KI8+I8



KI8

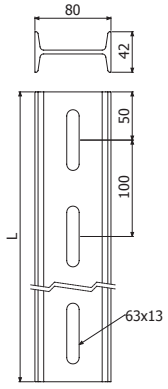


TFI8

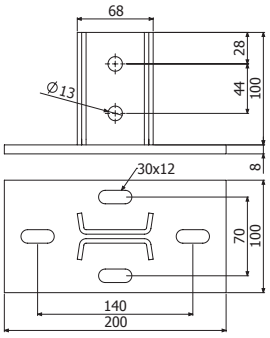
	L		Fmáx	Mmáx	Cd	GC	
	mm	inch	kg	kg·m	mm/kg·m	REF.	kg/ud
I8 600	**600**	24"	1337	165	0,069	206345	3,49
I8 1000	**1000**	39 3/8"	1337	165	0,092	206346	5,81
I8 1300	**1300**	51 1/6"	1337	165	0,117	206347	7,55
I8 1500	**1500**	59"	1337	165	0,138	206348	8,72
I8 2000	**2000**	78 3/4"	1337	165	0,172	206349	11,62
I8 3000	**3000**	118 1/9"	1337	165	0,275	206350	17,43
KI8	-	-	-	-	-	206056	1,77
TFI8 PVC (206947)							

SHV+I8: 2/100 x CT1 M10X30 (206320-i304) + 2 x DIN125 M10 (217542-i304 / 218741-i316)

KI8+I8: 2/100 x CT1 M10X30 (206320-i304) + 2 x DIN125 M10 (217542-i304 / 218741-i316)



I8



KI8

UNE-EN 61537
UNE 23727

UNE-EN 61537

150°C
-50°C
UNE-EN 61537

CTA kg (lb)

		B mm (inch)						
		100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")
SV	3 6 9A 9B	**276** (609)	**260** (573)	**253** (558)	**207** (456)	**506** (1116)	**460** (1014)	**414** (912)
PBF	3 6 9A 9B	**250** (551) x 1	**250** (551) x 1	**250** (551) x 1	**250** (551) x 2	**250** (551) x 2	**250** (551) x 2	**250** (551) x 3
SFS+C-SV0	3 6	**176** (388)	**176** (388)	**176** (388)	**176** (388)	**161** (354)	**115** (253)	**87** (191)
SP	6	**470** (1037)	**400** (882)	**347** (766)	**275** (607)	**228** (503)	**195** (430)	**170** (375)
SP8	6	**926** (2041)	**832** (1834)	**755** (1664)	**638** (1406)	**511** (1126)	**418** (921)	**353** (778)
SZ	6	**267** (589)	**232** (512)	**205** (452)	**166** (366)	**140** (309)	**121** (267)	**106** (234)
SU	6 9A 9B	**431** (951)	**368** (812)	**321** (708)	**255** (563)	**212** (468)	**182** (402)	**160** (353)
SPD	6	**837** (1846)	**748** (1650)	**675** (1489)	**566** (1248)	**487** (1074)	**428** (944)	**381** (840)
	9A 9B	**875** (1929)	**783** (1726)	**708** (1560)	**594** (1309)	**428** (1128)	**450** (992)	**401** (884)

SV



SV 100/150/200/300

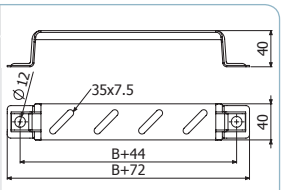


SV 400/500/600

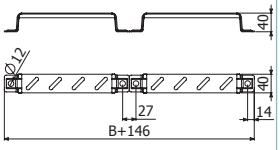
	B		e	CTA		GS		GC		i304		i316	
	mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SV 100	100	4"	1,5	276	609	201046	0,09	201050	0,10	201062	0,09	217828	0,10
SV 150	150	6"	1,5	260	573	201047	0,12	201051	0,13	201063	0,12	218428	0,12
SV 200	200	8"	1,5	253	558	201048	0,17	201052	0,19	201064	0,17	218429	0,17
SV 300	300	12"	1,5	207	456	201049	0,23	201053	0,25	201065	0,23	218430	0,23
SV 400	400	16"	1,5	506	1116	203413	0,45	203418	0,48	217822	0,34	218431	0,45
SV 500	500	20"	1,5	460	1014	203414	0,52	203419	0,56	☎	☎	☎	☎
SV 600	600	24"	1,5	414	912	203415	0,59	203420	0,64	2017823	0,46	2018432	0,59

B1 (204356-EZ / 206826-GC / 204925-i304 / 218388-i316)

CTBF (204362-EZ / 207132-GC / 204923-i304 / 208229-i316)

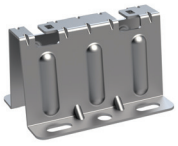


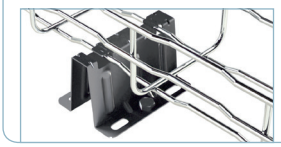
SV 100/150/200/300



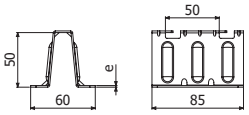
SV 400/500/600

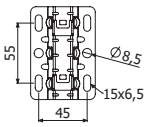
PBF





	e	CTA		GS		GC		i304		i316	
	mm	kg	lb	REF.	kg/ud	REF.	kg/m	REF.	kg/ud	REF.	kg/ud
PBF	1	250	551	205590	0,13	204397	0,14	208777	0,13	218565	0,13





SFS + C-SVO



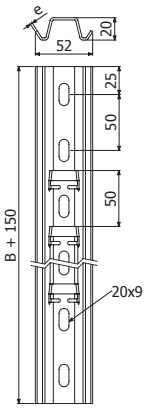
C-SVO



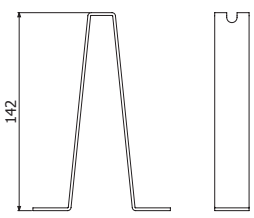
2 x SFS + C-SVO + 20100 x B1

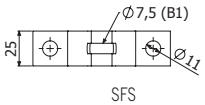
	e	CTA		B		GS		GC	
	mm	kg	lb	mm	inch	REF.	kg/ud	REF.	kg/ud
C-SVO 100	1,5	176	388	100	4"	203630	0,24	206280	0,25
C-SVO 150	1,5	176	388	150	6"	201073	0,31	201078	0,32
C-SVO 200	2	176	388	200	8"	201074	0,37	201079	0,39
C-SVO 300	2	176	388	300	12"	201076	0,43	201081	0,45
C-SVO 400	2	161	354	400	16"	203629	0,55	205719	0,57
C-SVO 450	2	115	354	450	18"	201075	0,60	-	-
C-SVO 500	2	115	253	500	20"	201077	0,67	201082	0,69
C-SVO 600	2	87	191	600	24"	205941	0,79	205720	0,81
SFS	2	-	-	-	-	205602	0,13	☎	☎

2/100 x B1 (204356 EZ / 206826 GC)



C-SVO





SFS

SP



	L		e	ep	Fmáx	Mmáx	Cd	GC		e	i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
SP 300	300	12"	2,5	4	725	55,15	0,142	204734	1,11	2	218131	1,06	218465	1,06
SP 400	400	16"	2,5	4	725	55,15	0,203	201036	1,38	2	218132	1,32	218466	1,32
SP 500	500	20"	2,5	4	725	55,15	0,265	201037	1,64	2	218666	1,58	218668	1,58
SP 600	600	24"	2,5	6	725	55,15	0,326	204938	1,91	2	218667	1,84	218669	1,84
SP 800	800	32"	2,5	6	725	55,15	0,509	201038	2,44	-	-	-	-	-

TF41 PVC (205627)



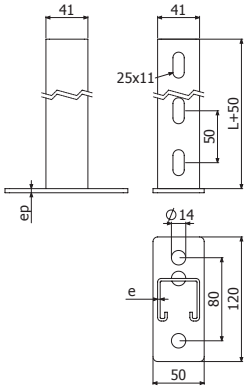
TF41

SCR/SRB (~~GG~~) + 2 x TEP M10x30 (217567-EZ) /
SCR/SRB + 2 x TM41 M8 (217583-GC / 218524-i304 / 217611-i316)
+ 2 x DIN933 M8x30 (205964-i304) + 2 x DIN125 M8 (217544-i304)
+ 2 x 4182K (218515-GC / 218758-i304)

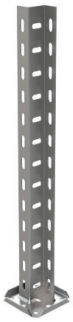
SHL/SP/SHR + 2 x DIN933 M10X30 (217547-i304 / 217600-i316)
+ 2 x TM41 M10 (217584-GC / 218525-i304 / 217612-i316) + 2 x DIN125 M10 (217542-i304 / 218741-i316)

SCR/SRB + 2/100 x B2 (206792-GC / 205392-i304 / 218443-i316)

SHL + 2/50 x B3 (208827-GC / 212096-I304 / 215575-i316)

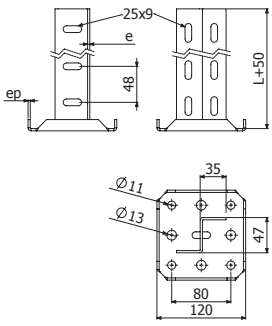


SZ



	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SZ 300	300	12"	3	3	556	54,1	0,224	201069	1,22
SZ 400	400	16"	3	3	556	54,1	0,259	201070	1,45
SZ 500	500	20"	3	3	556	54,1	0,345	201071	1,69
SZ 600	600	24"	3	3	556	54,1	0,483	201072	1,95

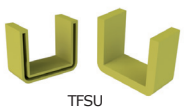
SCR/SRB/SHL/SHR → 2/100 x B2 (206792-GC)



SU



SU



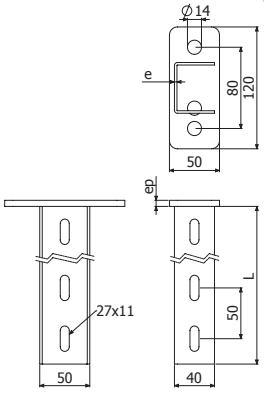
TFSU

	L		e	ep	Fmáx	Mmáx	Cd	GC		i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SU 400	400	16"	2,5	6	656	51,55	0,191	207142	1,19	217148	1,13	218473	1,13
SU 600	600	24"	2,5	6	656	51,55	0,287	207143	1,64	217149	1,56	218474	1,56
SU 800	800	32"	2,5	6	656	51,55	0,398	207144	2,09	217150	1,99	218475	1,99

TFSU PVC (212114)

SCR/SRB/SHL/SHR → 2/100 x B2 (206792-GC / 205392-I304 / 218443-I316)





SP8



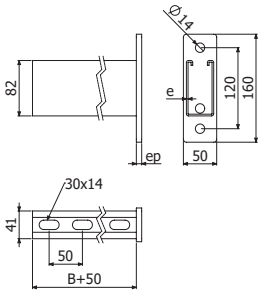
	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SP8 400	400	15 3/4"	2,5	8	1100	115	0,070	209559	2,51
SP8 500	500	19 203"	2,5	8	1100	115	0,088	209560	2,96
SP8 600	600	23 5/8"	2,5	8	1100	115	0,105	209561	3,4
SP8 700	700	27 5/9"	2,5	8	1100	115	0,123	209562	3,85
SP8 800	800	31 1/2"	2,5	8	1100	115	0,140	209563	4,3
SP8 1000	1000	39 3/8"	2,5	8	1100	115	0,175	209564	5,19
SP8 1500	1500	59 "	2,5	8	1100	115	0,262	209565	7,43

SP/SHL/SHR + 2 x DIN933 M10X30 (217547-i304) + 2 x TAD M10 (205543-EZ) + 2 x DIN125 M10 (217542-i304 / 218741-i316)

SCR/SRB (~~GC~~) / SP/SHL/SHR + 2 x TEP M10x30 (217567-EZ)

SCR/SRB + 2 x B2 (218742-i316)

SHL + 2050 x B3 (208827-GC)



SP8

SPD



	L		e	ep	Fmáx	Mmáx	Cd	GC		e	Fmáx	Mmáx	Cd	i304		i316	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud
SPD 500	500	20"	2,5	8	1100	133	0,147	206272	3,18	2	1144	141	0,139	218134	3,03	218468	3,03
SPD 600	600	24"	2,5	8	1100	133	0,179	205621	3,71	2	1144	141	0,17	218135	3,54	218469	3,54
SPD 700	700	28"	2,5	8	1100	133	0,211	206273	4,24	2	1144	141	0,20	218136	4,04	218470	4,04
SPD 800	800	32"	2,5	8	1100	133	0,263	206274	4,77	2	1144	141	0,249	218137	4,55	218471	4,55
SPD 1000	1000	40"	2,5	8	1100	133	0,316	204641	5,84	2	1144	141	0,299	218138	5,57	218472	5,57
SPD 1500	1500	60"	2,5	8	1100	133	-	204642	8,73	-	-	-	-	-	-	-	-
SPD 2000	2000	80"	2,5	8	1100	133	-	218740	11,62	-	-	-	-	-	-	-	-

TF41 PVC (205627)

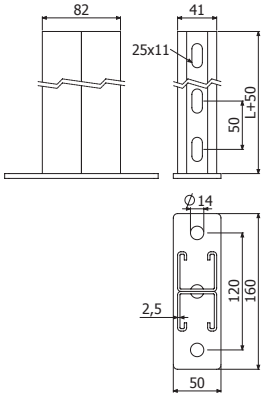
SCR/SRB (~~GC~~) + 2 x TEP M10x30 (217567-EZ)

SCR/SRB + 2 x TM41 M8 (217583-GC / 218524-i304 / 217611-i316) + 2 x DIN933 M8x30 (205964-i304) + 2 x DIN125 M8 (217544-i304) + 2 x 4182K (218515-GC / 218758-i304)

SHL/SHR/SP/SPD + 2 x DIN933 M10x30 (217547-i304) + 2 x TM41 M10 (217584-GC / 218525-i304 / 217612-i316) 217600-i316 (217600-i316) + 2 x DIN125 M10 (217542-i304 / 218741-i316)



TF41



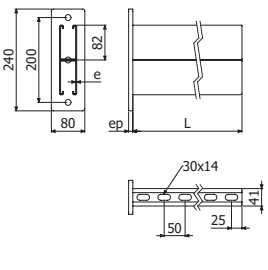
SPD8



	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SPD8 1000	1000	39 3/8"	2,5	10	3163	386	0,034	218688	10,00
SPD8 1500	1500	59 "	2,5	10	3163	386	0,034	218689	14,26
SPD8 2000	2000	78 3/4 "	2,5	10	3163	386	0,116	218690	18,52
SPD8 3000	3000	118 1/9 "	2,5	10	3163	386	0,116	218691	27,04

SP/SHL/SHR + 2 x DIN933 M10X30 (217547-i304) + 2 x TAD M10 (218742-i316) + 2 x DIN125 M10 (217542-i304 / 218741-i316)

SCR/SRB (~~GC~~) / SP/SHL/SHR + 2 x TEP M10x30 (217567-EZ)



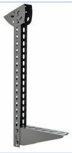
SPD8



CTA kg (lb)

	B mm (inch)									
	50 (2")	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")	700 (28")	800 (32")
CT30+SCR/SRB GS GC	70 (154)	70 (154)	70 (154)	70 (154)	70 (154)	70 (154)	60 (132)	60 (132)	60 (132)	-
C-PC+C-SR GS i304 i316	-	-	-	102 (225)	90 (198)	159 (351)	134 (295)	117 (258)	-	-
PC+C-SR GC	-	-	-	250 (551)	250 (551)	250 (551)	200 (441)	175 (386)	-	-
BI8+I8+SHV GC	-	-	-	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)
KCT30+CT30 (SCR/SRB) GS GC	235 (518)	186 (410)	154 (340)	131 (289)	101 (223)	82 (181)	69 (152)	60 (132)	-	-
KLPC+C-PC (SCR/SRB) GS	183 (404)	153 (337)	132 (291)	115 (254)	93 (205)	77 (170)	66 (146)	58 (128)	-	-
KPC+C-PC (C-SR) GS i304 i316	191 (421)	156 (344)	132 (291)	114 (251)	90 (198)	74 (163)	63 (139)	55 (121)	-	-
KPC+2 x C-PC (C-SR) GS i304 i316	260 (573)	221 (487)	192 (423)	170 (375)	138 (304)	117 (258)	101 (223)	89 (196)	-	-
KAPC+PC (C-SR) GC	144 (318)	127 (280)	113 (249)	102 (225)	85 (187)	73 (161)	64 (141)	57 (126)	-	-
KI8+I8 (SHV) GC	-	-	-	832 (1835)	700 (1544)	604 (1332)	531 (1171)	474 (1045)	428 (944)	390 (681)

CTA kg (lb)

		B mm (inch)									
		50 (2")	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")	700 (28")	800 (32")
KLPC+C-PC (SCR/SRB) GS		172 (379)	142 (313)	121 (267)	105 (232)	83 (183)	69 (152)	59 (130)	51 (112)	-	-
KAPC+PC (C-SR) GC		191 (421)	156 (344)	132 (291)	114 (251)	90 (198)	74 (163)	63 (139)	55 (121)	-	-
KAI8+I8 (SHV) GC		-	-	-	242 (534)	186 (410)	151 (333)	127 (280)	110 (243)	96 (212)	86 (190)

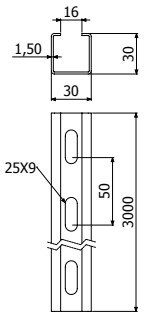
CT30





	A		Wx		Wy		GS		GC	
	cm²	in²	cm³	in³	cm³	in³	REF.	kg/ud	REF.	kg/ud
CT30	1,25	19,38	1,41	21,86	2,17	33,64	206784	1,08	206785	1,19

SCR / SRB (~~GC~~) --> 2/100 x CT4 (207074-EZ)



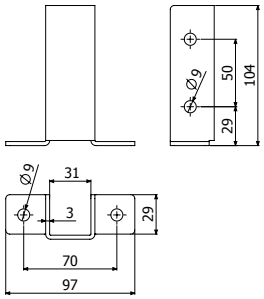
KCT30





	Fmáx ud	Mmáx kg	GS		GC	
			REF.	kg/ud	REF.	kg/ud
KCT30	500	19,5	207071	0,08	207070	0,08

2 x CT2 M8X75 (206793 - EZ) (214307-i304) + 2 x DIN125 M8 (217544-i304)

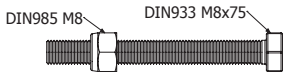


CT2



	EZ		i304	
	REF.	kg/ud	REF.	kg/ud
CT2 M8X55	210088	0,03	☎	☎
CT2 M8X75	206793	0,03	214307	0.04

13

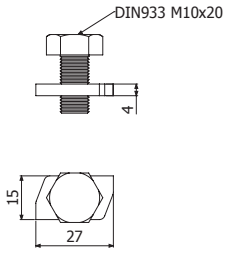


CT4



	EZ	
	REF.	kg/ud
CT4-100 M10X20	207074	0,04

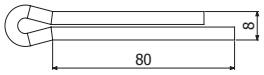
17



DIN94



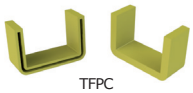
	GS	
	REF.	kg/ud
DIN94 M8X80	207297	0,04



C-PC



C-PC



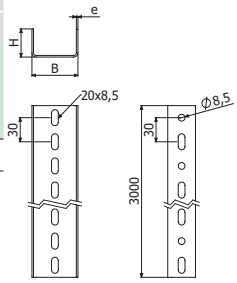
TFPC

	B		H		L		e	GS		i304		i316	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/__	REF.	kg/__	REF.	kg/__
C-PC 300	58	2 2/7"	35	1 3/8"	300	12"	2	203485	0,51 kg/ud	☎	☎	☎	☎
C-PC 600	58	2 2/7"	35	1 3/8"	600	24"	2	204504	1,02 kg/ud				
C-PC 3000	58	2 2/7"	35	1 3/8"	3000	10ft	2	207269	1,69 kg/m	205701	1,69 kg/m	218389	1,69 kg/m
TFPC PVC	(214809)												

C-PC + KPC --> 2 x CT2 (206793 - EZ / 214307 - i304) + 2 x DIN125 M8 (217544-i304)

C-PC + KLPC --> 2/100 x B2 (206792-GC / 205392-i304 / 218443-i316)

C-SR + 2 x CT2 (206793-EZ / 214307 - i304)



C-PC

KPC

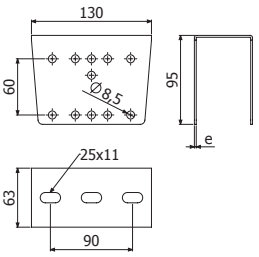


	e	GS		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
KPC	2	207270	0,45	218390	0,45	218391	0,45

C-PC ---> KPC: 2 x CT2 (206793 - EZ / 214307 - i304) + 2 x DIN125 M8 (217544-i304)







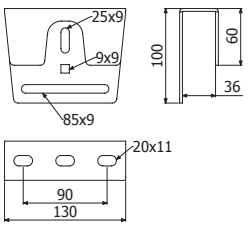
KPC

KLPC

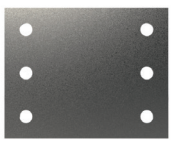


	e	GS		GC		e	i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud	REF.	kg/ud
KLPC	3	206786	0,55	206787	0,56	2	201121	0,55	218392	0,55

C-PC ---> KLPC: 2/100 x B2 (204926-EZ / 206792-GC / 205392-i304 / 218443-i316)



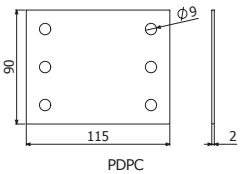
PDPC



	GS	
	REF.	kg/ud
PDPC	207281	0,16

C-PC ---> C-PC: CT2

C-PC ---> KLPC : 2/100 x B2 (204926 EZ)



PDPC

PC

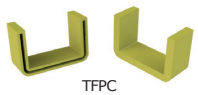


	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
PC 3000	58	2 207"	35	1 3/8"	2	200229	1,84

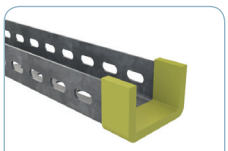
TFPC PVC (214809)

PC + KAPC --> 2 x CT2 (214307 - i304)

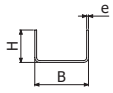
C-SR + 2 x CT2 (214307 - i304)

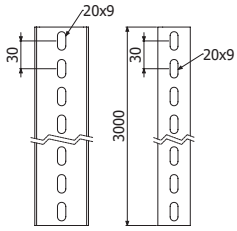


TFPC



PC+TFPC





C-PC (GC)

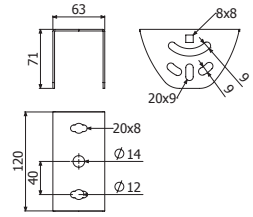
KAPC



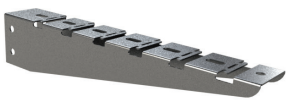


	e	GS		GC		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
KAPC	2	201116	0,28	201117	0,29	218063	0,28	218393	0,28

PC/C-PC + KAPC --> 2 x CT2 (206793 - EZ / 214307 - i304)



C-SR

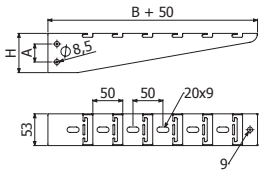


C-SR

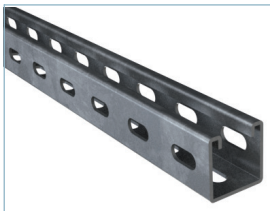


	B		e	H		A		CTA		GS		GC		i304		i316	
	mm	inch	mm	mm	inch	mm	inch	kg	lb	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
C-SR 100	100	4"	1,5	67	2 203"	30	1 1/6"	102	225	218543	0,23	218545	0,26	217815	0,23	218541	0,23
C-SR 150	150	6"	1,5	67	2 203"	30	1 1/6"	102	225	218544	0,29	218546	0,32	217816	0,29	218542	0,29
C-SR 200	200	8"	1,5	67	2 203"	30	1 1/6"	102	225	207264	0,36	203460	0,39	217817	0,47	218409	0,36
C-SR 300	300	12"	1,5	67	2 203"	30	1 1/6"	90	198	207265	0,49	201032	0,53	217818	0,49	218410	0,49
C-SR 400	400	16"	1,5	100	4"	60	2 208"	159	351	207266	0,81	201033	0,88	217819	0,81	218411	0,81
C-SR 500	500	20"	1,5	100	4"	60	2 208"	134	295	207267	0,97	201034	1,06	217820	0,97	218412	0,97
C-SR 600	600	24"	1,5	100	4"	60	2 208"	117	258	207268	1,14	201035	1,25	217821	1,14	218413	1,14

C-SR --> C-PC: 2 x CT2 (206793-EZ / 214307 - i304)



P41-3S 41X41X2

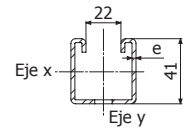


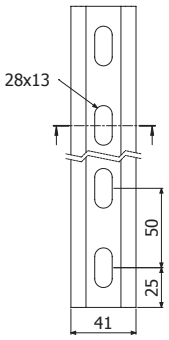
L = 3 m (10 ft)



TF41

	e	GS		GC	
	mm	REF.	kg/m	REF.	kg/m
41X41X2-3S	2	217313	2,02	217312	2,217
TF41 PVC (205627)					





K41-3S



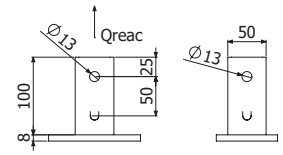
N

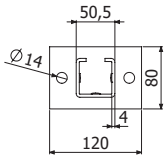




	EZ	
	REF.	kg/ud
K41-3S	218656	0,58

2 x CT2 M10X65 (218704-EZ)

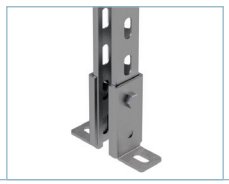




SBL41-3S



N

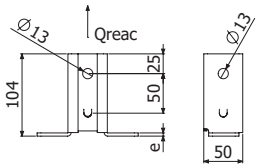


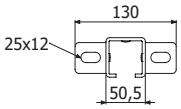




	e	GS	
	mm	REF.	kg/m
SBL41	4	218657	0,55

2 x CT2 M10X65 (218704-EZ)



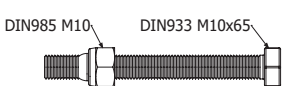


CT2



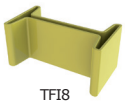
	EZ	
	REF.	kg/ud
CT2 M10X65	218704	0,06

17



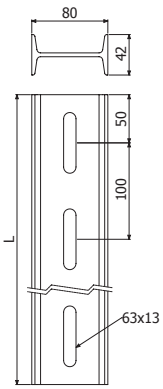
I8


I8 3M


TFI8

	L		GC	
	m	ft	REF.	kg/ud
I8 3M	3	10	206350	17,43
TFI8 PVC (206947)				

I8 +KI8 + 2/100 x CT1 M10X30 (206320-i304) + 2 x DIN125 M10 (217542-i304 / 218741-i316)

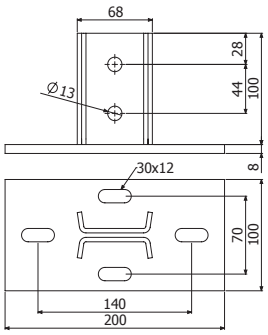


KI8



	GC	
	REF.	kg/ud
KI8	206056	1,77

I8 +KI8 + 2/100 x CT1 M10X30 (206320-i304) + 2 x DIN125 M10 (217542-i304 / 218741-i316)

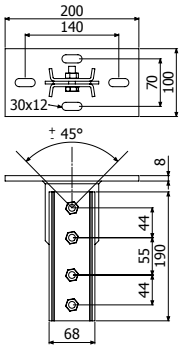


KAI8



	GC	
	REF.	kg/ud
KAI8	207052	2,48

4 x DIN933 M12x35 (218671-i304) + 4 x DIN934 M12 (217604) + 8 x DIN125 M12 (217560-i304)



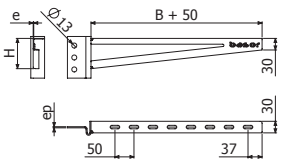
SHV



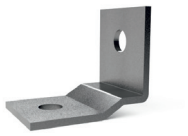


	H		B		e	ep	GC	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
SHV 200	58	2 2/7"	200	8"	2,5	3	206058	0,99
SHV 300	68	2 2/3"	300	12"	2,5	3	206271	1,28
SHV 400	79	3 1/9"	400	16"	2,5	3	206259	1,58
SHV 500	89	3 1/2"	500	20"	2,5	3	206057	1,88
SHV 600	100	4 "	600	24"	2,5	3	206275	2,17
SHV 700	110	4 1/3"	700	28"	2,5	3	206276	2,47
SHV 800	120	4 5/7"	800	32"	2,5	3	206277	2,77

SHV → I8: 2/100 x CT1 M10X30 (206320 - i304)
+ 2 x DIN125 M10 (217542-i304 / 218741-i316)



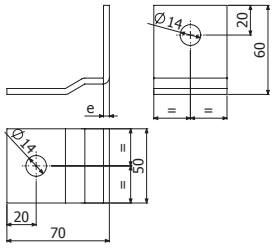
BI8





	GC	
	REF.	kg/ud
BI8	206342	0,19

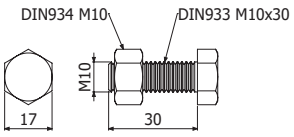
SHV → I8: 2/100 x CT1 M10X30 (206320 - i304)
+ 2 x DIN125 M10 (217542-i304 / 218741-i316)

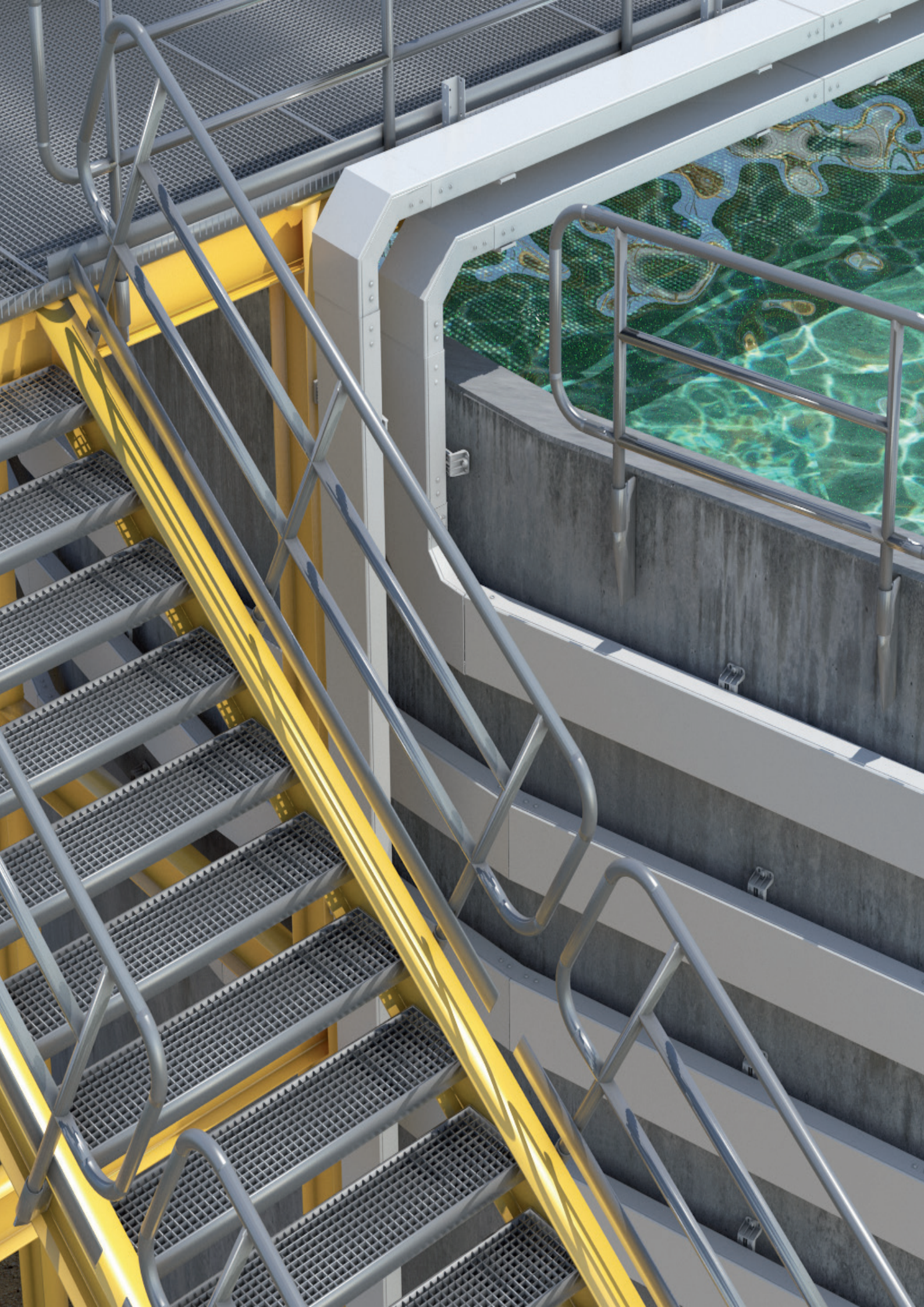


CT1



	EZ		i304	
	REF.	kg/ud	REF.	kg/ud
CT1-100	206319	0,03	206320	0,03







basorplast

MCB ..... P. 04

BPE ..... P. 10

BPI ..... P. 20

QCL ..... P. 30

QRL ..... P. 30



RAL 9001

UNE-EN 50085

RoHS

V0
UL94

60°C
-5°C
UNE-EN 50085

2J
UNE-EN 50085

650°

IP40
IEC 60529

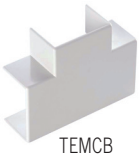
IK07
IEC 50102


CXMCB

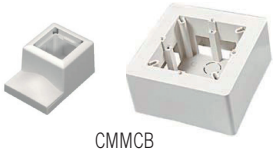

CCMCB


CPMCB


CBJMCB


TEMCB


TFMCB


CMMCB


CDMCB

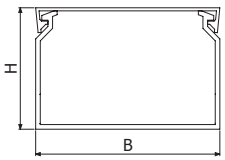
B		Filling Area									
		H 10 (2/5")		H 17 (2/3")		H 25 (1")		H 40 (1 4/7")		H 60 (2 3/8")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²	cm²	in²
22	6/7"	2	0,4	-	-	-	-	-	-	-	-
25	1"	-	-	4	0,7	-	-	-	-	-	-
40	1 4/7"	-	-	6	1,0	9	1,4	14	2,2	-	-
60	2 3/8"	-	-	-	-	-	-	20	3,2	30	4,7

MCB

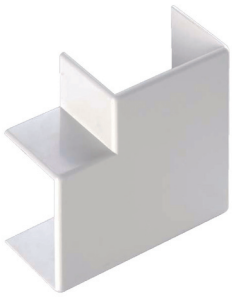


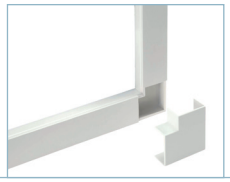
L = 2 m (6 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
MCB 10X22	10	205”	22	6/7”	208317	0,11
MCB 10X30	10	205”	30	1 1/6”	217494	0,13
MCB 17X15	17	203”	15	3/5”	217501	0,12
MCB 17X25	17	203”	25	1”	208318	0,15
MCB17X40	17	203”	40	1 4/7”	208319	0,26
MCB 17X40-2	17	203”	40	1 4/7”	208320	0,28
MCB 17X60-3	17	203”	60	2 1/3”	217509	0,42
MCB 25X40	25	1”	40	1 4/7”	208321	0,3
MCB 40X40	40	1 4/7”	40	1 4/7”	208322	0,39
MCB 40X60	40	1 4/7”	60	2 1/3”	208323	0,48
MCB 60X60	60	2 1/3”	60	2 1/3”	208324	0,69

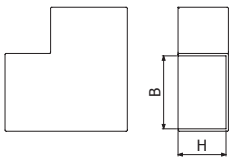


CPMCB



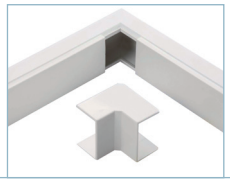


	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CPMCB 10X22	10	205”	22	6/7”	201132	0,01
CPMCB 10X30	10	205”	30	1 1/6”	217495	0,01
CPMCB 17X15	17	203”	15	3/5”	217502	0,01
CPMCB 17X25	17	203”	25	1”	201133	0,01
CPMCB17X40	17	203”	40	1 4/7”	201134	0,02
CPMCB17X60	17	203”	40	1 4/7”	217510	0,02
CPMCB 25X40	25	1”	60	2 1/3”	201135	0,02
CPMCB 40X40	40	1 4/7”	40	1 4/7”	201136	0,02
CPMCB 40X60	40	1 4/7”	40	1 4/7”	201137	0,02
CPMCB 60X60	60	2 1/3”	60	2 1/3”	201138	0,10

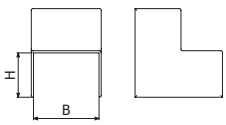


CCMCB



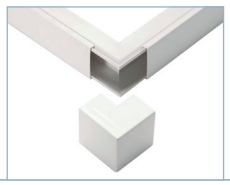


	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CCMCB 10X22	10	205”	22	6/7”	201139	0,01
CCMCB 10X30	10	205”	30	1 1/6”	217496	0,01
CCMCB 17X15	17	203”	15	3/5”	217503	0,01
CCMCB 17X25	17	203”	25	1”	201140	0,01
CCMCB17X40	17	203”	40	1 4/7”	201141	0,02
CCMCB17X60	17	203”	60	2 1/3”	217511	0,02
CCMCB 25X40	25	1”	40	1 4/7”	201142	0,02
CCMCB 40X40	40	1 4/7”	40	1 4/7”	201143	0,02
CCMCB 40X60	40	1 4/7”	60	1 4/7”	201144	0,02
CCMCB 60X60	60	2 1/3”	60	2 1/3”	201145	0,10

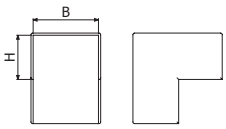


CXMCB

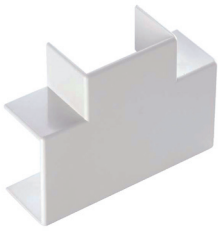


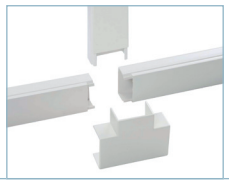


	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CXMCB 10X22	10	205”	22	6/7”	201146	0,01
CXMCB 10X30	10	205”	30	1 1/6”	217497	0,01
CXMCB 17X15	17	203”	15	3/5”	217504	0,01
CXMCB 17X25	17	203”	25	1”	201147	0,01
CXMCB17X40	17	203”	40	1 4/7”	201148	0,02
CXMCB17X60	17	203”	60	2 1/3”	217512	0,02
CXMCB 25X40	25	1”	40	1 4/7”	201149	0,02
CXMCB 40X40	40	1 4/7”	40	1 4/7”	201150	0,02
CXMCB 40X60	40	1 4/7”	60	1 4/7”	201151	0,02
CXMCB 60X60	60	2 1/3”	60	2 1/3”	201152	0,10

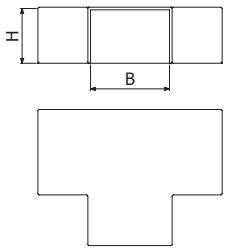


TEMCB



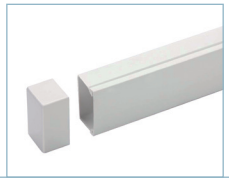


	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
TEMCB 10x22	10	205”	22	6/7”	208303	0,01
TEMCB 10x30	10	205”	30	1 1/6”	217498	0,01
TEMCB 17x15	17	203”	15	3/5”	217505	0,01
TEMCB 17x25	17	203”	25	1”	208304	0,01
TEMCB 17x40	17	203”	40	1 4/7”	208305	0,02
TEMCB 17x60	17	203”	60	2 1/3”	217513	0,02
TEMCB 25x40	25	1”	40	1 4/7”	208306	0,02
TEMCB 40x40	40	1 4/7”	40	1 4/7”	208307	0,02
TEMCB 40x60	40	1 4/7”	60	1 4/7”	208308	0,02
TEMCB 60x60	60	2 1/3”	60	2 1/3”	208309	0,07

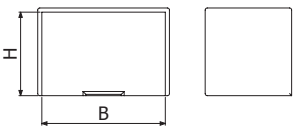


TFMCB





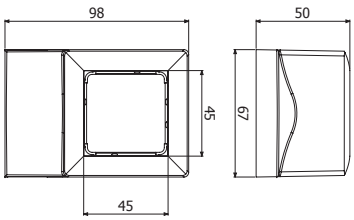
	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
TFMCB 10X22	10	205”	22	6/7”	208310	0,01
TFMCB 10X30	10	205”	30	1 1/6”	217499	0,01
TFMCB 17X15	17	203”	15	3/5”	217506	0,01
TFMCB 17X25	17	203”	25	1”	208311	0,01
TFMCB17X40	17	203”	40	1 4/7”	208312	0,01
TFMCB17X60	17	203”	60	2 1/3”	217514	0,02
TFMCB 25X40	25	1”	40	1 4/7”	208313	0,02
TFMCB 40X40	40	1 4/7”	40	1 4/7”	208314	0,02
TFMCB 40X60	40	1 4/7”	60	1 4/7”	208315	0,02
TFMCB 60X60	60	2 1/3”	60	2 1/3”	208316	0,02



CMMCB 45X45



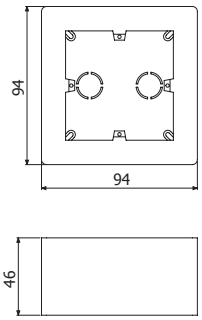
	PVCM1	
	REF.	kg/ud
CMMCB 45X45	217508	0,25



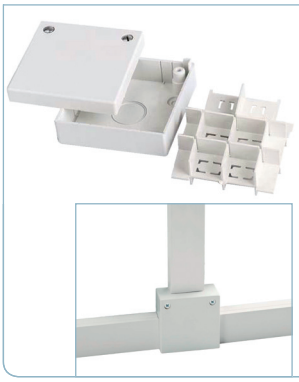
CMMCB 60X67



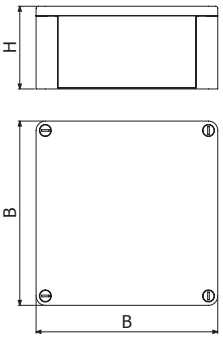
	PVCM1	
	REF.	kg/ud
CMMCB 60x67	201153	0,16



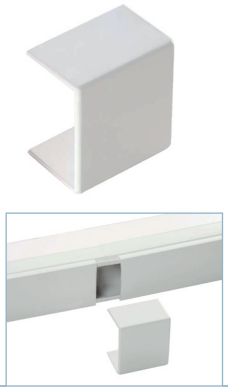
CDMCB



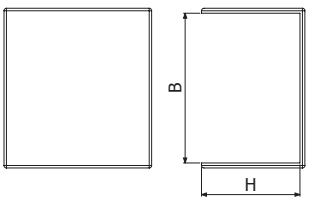
	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CDMCB 70X70X28	28	1"	70	2 3/4"	201154	0,05
CDMCB 165x165x75	75	3"	165	6 1/2"	207201	0,46



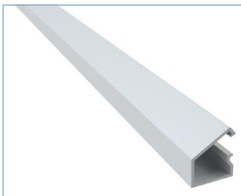
CBJMCB



	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CBJMCB 10X22	10	205"	22	6/7"	208296	0,01
CBJMCB 10X30	10	205"	30	1 1/6"	217500	0,01
CBJMCB 17X15	17	203"	15	3/5"	217507	0,01
CBJMCB 17X25	17	203"	25	1"	208297	0,01
CBJMCB 17X40	17	203"	40	1 4/7"	208298	0,02
CBJMCB 17X60	17	203"	60	2 1/3"	217515	0,02
CBJMCB 25X40	25	1"	40	1 4/7"	208299	0,02
CBJMCB 40X40	40	1 4/7"	40	1 4/7"	208300	0,02
CBJMCB 40X60	40	1 4/7"	60	1 4/7"	208301	0,03
CBJMCB 60X60	60	2 1/3"	60	2 1/3"	208302	0,05

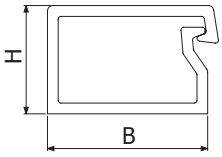


MCA



L = 2 m (6 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
MCA 10X10	10	205"	10	205"	217516	0,08
MCA 10X15	10	205"	15	3/5"	217517	0,09
MCA 10X20	10	205"	20	4/5"	217518	0,11

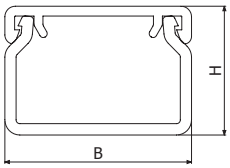


BPB



L = 2 m (6 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPB 25X25	25	1"	25	1"	201128	0,2
BPB 40X40	40	1 4/7"	40	1 4/7"	201129	0,42
BPB 40X60	40	1 4/7"	60	2 1/3"	201130	0,58
BPB 60X60	60	2 1/3"	60	2 1/3"	205835	0,6
BPB 60X100	60	2 1/3"	100	4"	206435	0,77

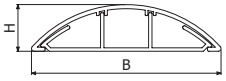


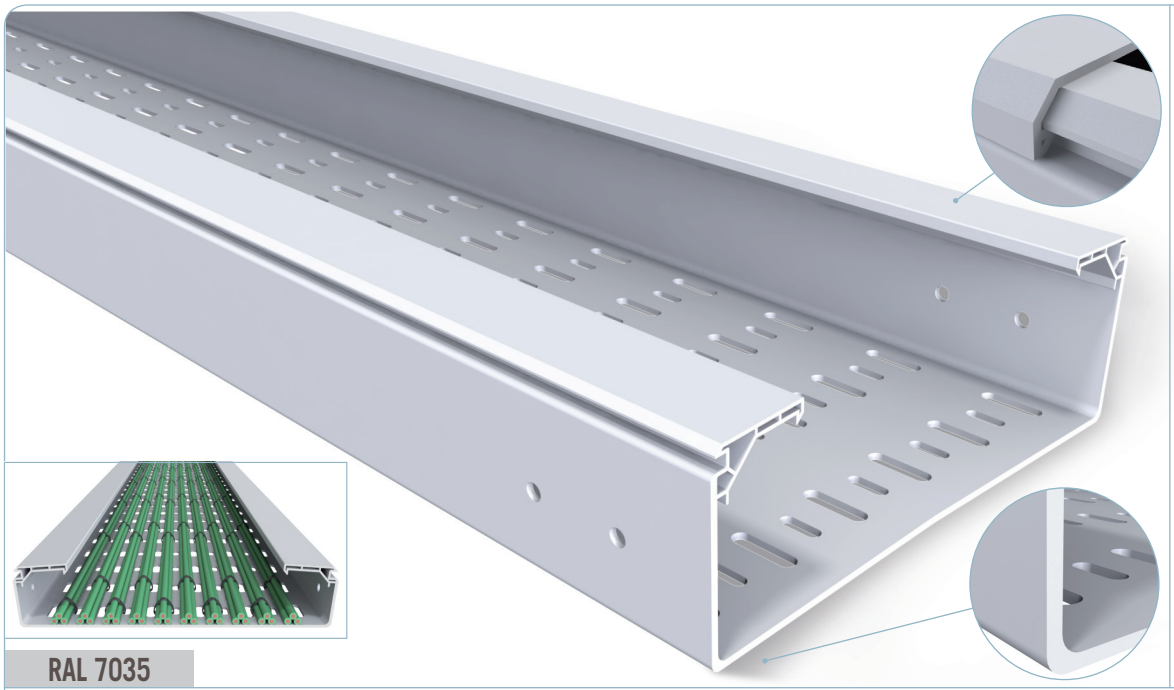
CAP



L = 2 m (6 ft)

	H		B		PVCM1 7030		PVCM1	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
CAP 12X50	12	1/2"	50	2"	218547	0,26	217519	0,26
CAP 17X75	17	203"	75	3"	218548	0,42	217520	0,42





RAL 7035

UL CERTIFIED
SAFETY US·CA
E479833
UL568

UNE-EN 61537
UNE-EN 50085

RoHS

M1 V0
UNE-EN 61537
UNE-EN 50085
UNE 23727
UL94

960°
UNE-EN 60695

60°C
-20°C
UNE-EN 61537

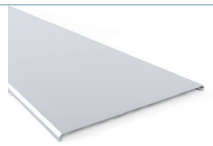
60°C
-15°C
UNE-EN 50085

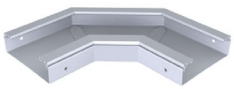
20J
Mod. 60x100 & 60x150 10J
UNE-EN 61537
UNE-EN 50085

IP3X IP2X
IEC 60529

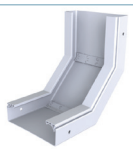
IK10 IK07
IEC 50102

ISO/TR 10358
DIN 8061


TBPE

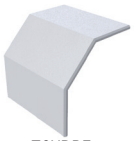

CPBPE


TCPBPE


CCBPE

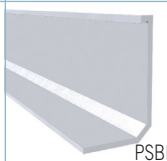

TCCBPE


CXBPE

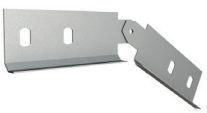

TCXBPE

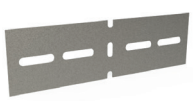

N PDBPE


N TFBPE


PSBPE


JUBPE


JUBPE-A


JUBPE-B


N JUBPE-C


BIK10-BPE


CTBP

		Filling Area			
B		H60 (2 3/8")		H100 (4")	
mm	inch	cm²	in²	cm²	in²
100	4"	**52**	8,06	**-**	-
150	6"	**80**	12,4	**-**	-
200	8"	**101**	15,7	**175**	27,1
300	12"	**152**	23,6	**263**	40,8
400	16"	**-**	-	**354**	54,8
600	24"	**-**	-	**539**	83,5

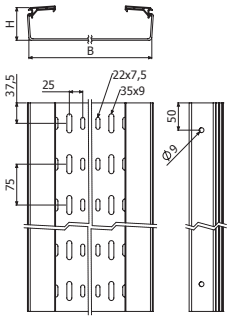
BPE H60



L = 3 m (10 ft)

	H		B		UVM1	
	mm	inch	mm	inch	REF.	kg/m
BPE 60X100	60	2 3/8"	100	4"	210070	0,73
BPE 60X150	60	2 3/8"	150	6"	210071	0,91
BPE 60X200	60	2 3/8"	200	8"	210072	1,45
BPE 60X300	60	2 3/8"	300	12"	210073	2,34

2 x JUBPE 60 (210084)



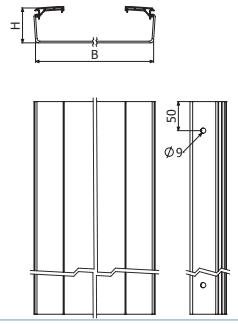
BPE-C H60



L = 3 m (10 ft)

	H		B		UVM1	
	mm	inch	mm	inch	REF.	kg/m
BPE-C 60X100	60	2 3/8"	100	4"	210062	0,77
BPE-C 60X150	60	2 3/8"	150	6"	210063	1,03
BPE-C 60X200	60	2 3/8"	200	8"	210064	1,54
BPE-C 60X300	60	2 3/8"	300	12"	210065	2,48

2 x JUBPE 60 (210084)



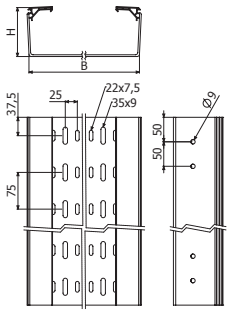
BPE H100



L = 3 m (10 ft)

	H		B		UVM1	
	mm	inch	mm	inch	REF.	kg/m
BPE 100X200	100	4"	200	8"	210074	2,25
BPE 100X300	100	4"	300	12"	210075	3,24
BPE 100X400	100	4"	400	16"	210076	4,20
BPE 100X600	100	4"	600	24"	210077	6,42

2 x JUBPE 100 (210085)



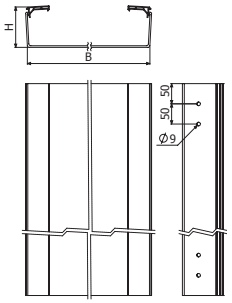
BPE-C H100



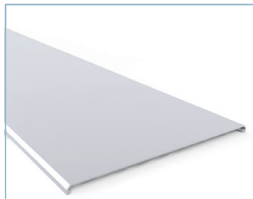
L = 3 m (10 ft)

	H		B		UVM1	
	mm	inch	mm	inch	REF.	kg/m
BPE-C 100X200	100	4"	200	8"	210066	2,38
BPE-C 100X300	100	4"	300	12"	210067	3,45
BPE-C 100X400	100	4"	400	16"	210068	4,54
BPE-C 100X600	100	4"	600	24"	210069	6,72

2 x JUBPE 100 (210085)



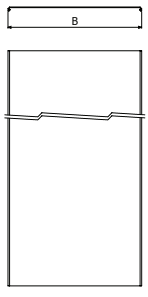
TBPE



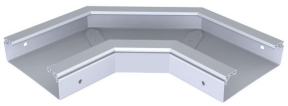
L = 3 m (10 ft)

	B		UVM1	
	mm	inch	REF.	kg/m
TBPE 100	100	4"	210078	0,37
TBPE 150	150	6"	210079	0,50
TBPE 200	200	8"	210080	0,77
TBPE 300	300	12"	210081	1,10
TBPE 400	400	16"	210082	1,53
TBPE 600	600	24"	210083	2,10

TBPE B100-400 TBPE B600

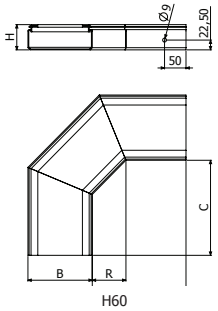


CPBPE

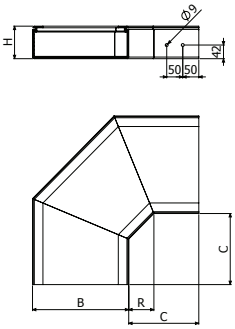


	H		B		C		R		UVM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPBPE 60X100	**60**	2 3/8"	**100**	4"	**220**	8 4/5"	**80**	3 1/7"	210089	0,40
CPBPE 60X150	**60**	2 3/8"	**150**	6"	**220**	8 4/5"	**80**	3 1/7"	210090	0,54
CPBPE 60X200	**60**	2 3/8"	**200**	8"	**220**	8 4/5"	**80**	3 1/7"	210091	0,91
CPBPE 60X300	**60**	2 3/8"	**300**	12"	**220**	8 4/5"	**80**	3 1/7"	210092	1,61
CPBPE 100X200	**100**	4"	**200**	8"	**220**	8 4/5"	**80**	3 1/7"	210093	1,24
CPBPE 100X300	**100**	4"	**300**	12"	**220**	8 4/5"	**80**	3 1/7"	210094	2,14
CPBPE 100X400	**100**	4"	**400**	16"	**220**	8 4/5"	**80**	3 1/7"	210095	3,27
CPBPE 100X600	**100**	4"	**600**	24"	**240**	9 1/2"	**100**	4"	210096	4,08

2 x JUBPE 60 (210084)
2 x JUBPE 100 (210085)

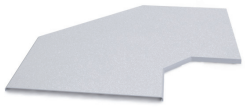


H60



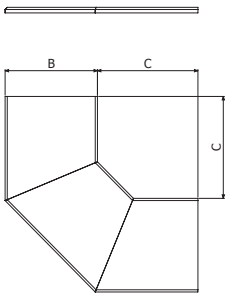
H100

TCPBPE



	B		C		UVM1	
	mm	inch	mm	inch	REF.	kg/ud
TCPBPE 100	**100**	4"	**220**	8 4/5"	210097	0,18
TCPBPE 150	**150**	6"	**220**	8 4/5"	210098	0,26
TCPBPE 200	**200**	8"	**220**	8 4/5"	210099	0,43
TCPBPE 300	**300**	12"	**220**	8 4/5"	210100	0,71
TCPBPE 400	**400**	16"	**220**	8 4/5"	210101	1,12
TCPBPE 600	**600**	24"	**240**	9 1/2"	210102	1,94

TCPBPE B100-400 TCPBPE B600

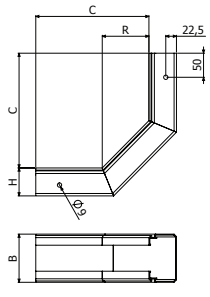


CCBPE

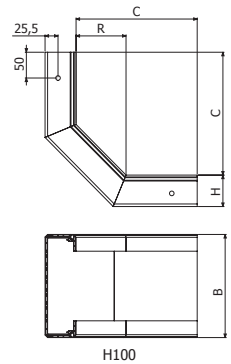


	H		B		C		R		UVM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCBPE 60X100	**60**	2 3/8"	**100**	4"	**240**	9 1/2"	**100**	4"	210103	0,39
CCBPE 60X150	**60**	2 3/8"	**150**	6"	**240**	9 1/2"	**100**	4"	210104	0,49
CCBPE 60X200	**60**	2 3/8"	**200**	8"	**240**	9 1/2"	**100**	4"	210105	0,78
CCBPE 60X300	**60**	2 3/8"	**300**	12"	**240**	9 1/2"	**100**	4"	210106	1,19
CCBPE 100X200	**100**	4"	**200**	8"	**275**	10 5/6"	**115**	4 5/8"	210107	1,37
CCBPE 100X300	**100**	4"	**300**	12"	**275**	10 5/6"	**115**	4 5/8"	210108	1,98
CCBPE 100X400	**100**	4"	**400**	16"	**275**	10 5/6"	**115**	4 5/8"	210109	2,55
CCBPE 100X600	**100**	4"	**600**	24"	**275**	10 5/6"	**115**	4 5/8"	210110	3,23

2 x JUBPE 60 (210084)
2 x JUBPE 100 (210085)



H60



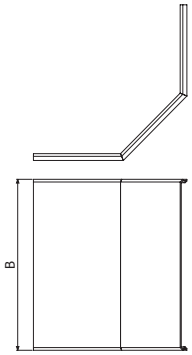
H100

TCCBPE



	B		UVM1	
	mm	inch	REF.	kg/ud
TCCBPE 60X100	100	4“	210111	0,18
TCCBPE 60X150	150	6”	210112	0,24
TCCBPE 60X200	200	8”	210113	0,37
TCCBPE 60X300	300	12”	210114	0,52
TCCBPE 100X200	200	8”	210115	0,56
TCCBPE 100X300	300	12”	210116	0,61
TCCBPE 100X400	400	16”	210117	0,87
TCCBPE 100X600	600	24”	210118	1,04

TCCBPE B100-400 TCCBPE 100X600

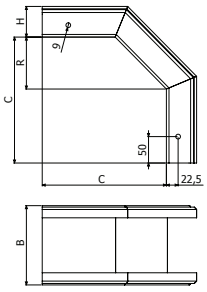


CXBPE

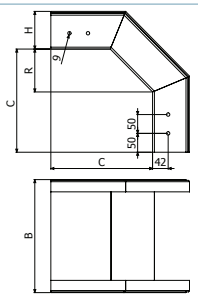


	H		B		C		R		UVM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXBPE 60X100	60	2 3/8”	100	4''	240	9 1/2"	100	4”	210119	0,39
CXBPE 60X150	60	2 3/8”	150	6''	240	9 1/2"	100	4”	210120	0,49
CXBPE 60X200	60	2 3/8”	200	8''	240	9 1/2"	100	4”	210121	0,78
CXBPE 60X300	60	2 3/8”	300	12''	240	9 1/2"	100	4”	210122	1,19
CXBPE 100X200	100	4''	200	8''	275	10 5/6"	115	4 5/8"	210123	1,37
CXBPE 100X300	100	4''	300	12''	275	10 5/6"	115	4 5/8"	210124	1,98
CXBPE 100X400	100	4''	400	16''	275	10 5/6"	115	4 5/8"	210125	2,55
CXBPE 100X600	100	4''	600	24''	275	10 5/6"	115	4 5/8"	210126	3,23

2 x JUBPE 60 (210084)
2 x JUBPE 100 (210085)

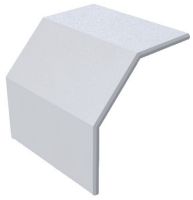


H60



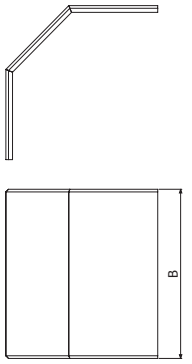
H100

TCXBPE



	B		UVM1	
	mm	inch	REF.	kg/ud
TCXBPE 60X100	100	4''	210127	0,22
TCXBPE 60X150	150	6''	210128	0,30
TCXBPE 60X200	200	8''	210129	0,49
TCXBPE 60X300	300	12''	210130	0,65
TCXBPE 100X200	200	8''	210131	0,75
TCXBPE 100X300	300	12''	210132	0,82
TCXBPE 100X400	400	16''	210133	1,17
TCXBPE 100X600	600	24''	210134	1,39

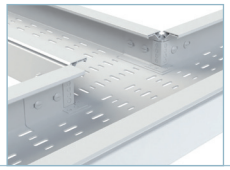
TCXBPE B100-400 TCXBPE 100X600



PDBPE

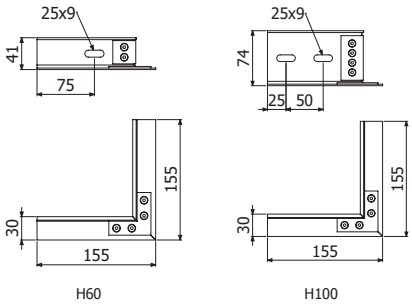


N

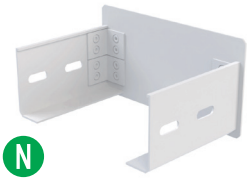


	UVM1	
	REF.	kg/ud
PDBPE 60	223021	0,06
PDBPE 100	223022	0,08

4/100 x CTBP (210017)



TFBPE

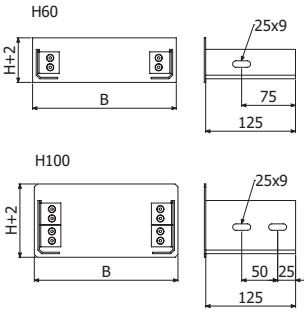


N



	H		B		UVM1	
	mm	inch	mm	inch	REF.	kg/ud
TFBPE 60X100	60	2 3/8"	100	4"	223023	0,09
TFBPE 60X150	60	2 3/8"	150	6"	223024	0,10
TFBPE 60X200	60	2 3/8"	200	8"	223025	0,11
TFBPE 60X300	60	2 3/8"	300	12"	223026	0,13
TFBPE 100X200	100	4"	200	8"	223027	0,17
TFBPE 100X300	100	4"	300	12"	223028	0,20
TFBPE 100X400	100	4"	400	16"	223029	0,23
TFBPE 100X600	100	4"	600	24"	223030	0,29

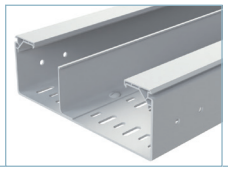
2/100 x CTBP (210017)



PSBPE

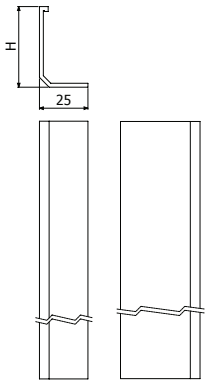


L = 3 m (10 ft)



	H		UVM1	
	mm	inch	REF.	kg/m
PSBPE 60	41	1 5/8"	210144	0,2
PSBPE 100	74	2 7/8"	210145	0,37

4/100 x CTBP (210017)

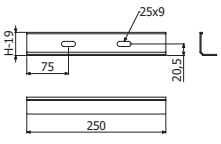


JUBPE

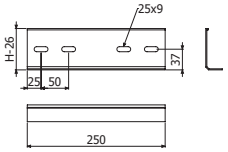


	H		UVM1	
	mm	inch	REF.	kg/ud
JUBPE 60	60	2 3/8"	210084	0,05
JUBPE 100	100	4"	210085	0,09

JUBPE 60 -2/100 x CTBP (210017)
JUBPE 100 -4/100 x CTBP (210017)

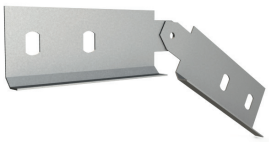


BPI JU 60



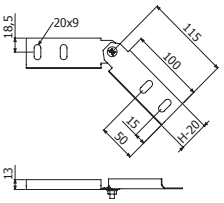
BPI JU 100

JUBPE-A



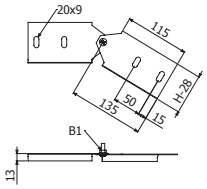
	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-A 60	60	2 3/8"	205036	0,09
JUBPE-A 100	100	4''	205037	0,16

4/100 x CTBP (210017)



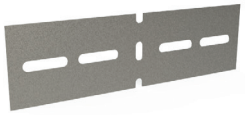
JUBPE-A 60

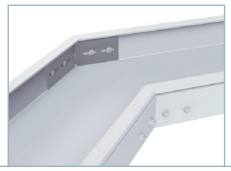




JUBPE-A 100

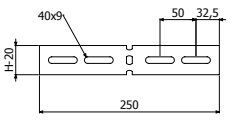
JUBPE-B



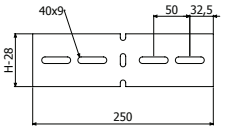


	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-B 60	60	2 3/8"	203520	0,13
JUBPE-B 100	100	4''	205038	0,22

4/100 x CTBP (210017)



JUBPE-B 60



JUBPE-B 100

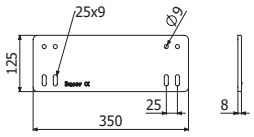
JUBPE-C



N

	UVM1	
	REF.	kg/ud
JUBPE-C 400-600	218797	0,27

4/100 x CTBP (210017)



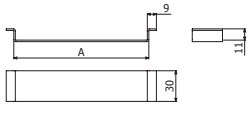
BIK10-BPE



	e	Mod.	i304		i316	
	mm	H x B	REF.	kg/ud	REF.	kg/ud
BIK10-BPE 60X100	1,5	60x100	217340	0,03	217347	0,03
BIK10-BPE 60X150	1,5	60x150	217341	0,05	217348	0,05
BIK10-BPE 60/100x200	1,5	60X200 & 100X200	217342	0,07	217349	0,07
BIK10-BPE 60/100X300	1,5	60X300 & 100X300	217343	0,09	217350	0,09
BIK10-BPE 100X400	2	100X400	217345	0,20	217352	0,20
BIK10-BPE 100X600	2	100X600	217346	0,40	217353	0,40

IK10

3 x BIK10-BPE => 1 x TBPE

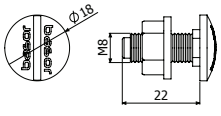


CTBP



	Pap	UVM1	
	N·m	REF.	kg/ud
CTBP-100	4	210017	0,40

13



CTA

			B mm (inch)					
			100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
SHG		T° 40°C	166 (366)	105 (231)	125 (276)	291 (642)	207 (456)	148 (326)
		T° 60°C	113 (249)	95 (209)	120 (264)	178 (392)	160 (353)	113 (249)

RoHS ✓ | M1 V0 | 60°C / 20°C UNE-EN 61537 | | ISO/TR 10358 DIN 8061

CTA

			B mm (inch)					
			100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
PSHG		T° 40°C	166 (366)	105 (231)	125 (276)	291 (642)	207 (456)	148 (326)
		T° 60°C	113 (249)	95 (209)	120 (264)	178 (392)	160 (353)	113 (249)

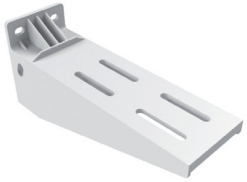
RoHS ✓ | M1 V0 | 60°C / 20°C UNE-EN 61537 | | ISO/TR 10358 DIN 8061

CTA

		B mm (inch)					
		100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
SVG		384 (846)	384 (846)	384 (846)	204 (450)	120 (263)	60 (132)

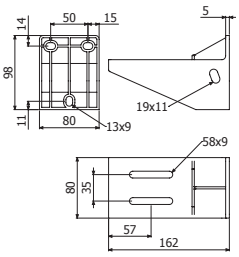
RoHS ✓ | M1 V0 | 60°C / 20°C UNE-EN 61537 | | ISO/TR 10358 DIN 8061

SHG

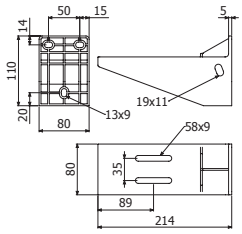


	B		40° CTA (kg)	60° CTA (kg)	UVM1	
	mm	inch			REF.	kg/ud
SHG 100	100	4“	166	113	210011	0,19
SHG 150	150	6”	105	95	210012	0,27
SHG 200	200	8”	125	120	210013	0,34
SHG 300	300	12”	291	178	210014	0,54
SHG 400	400	16”	207	160	210015	0,95
SHG 600	600	24”	148	113	210016	1,10

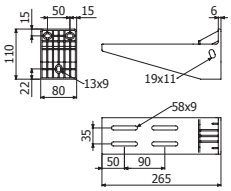
2/100 x CTBP (210017)



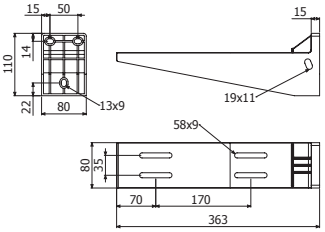
SHG100



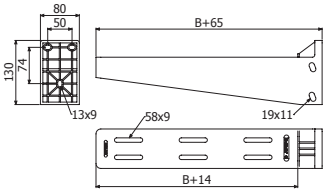
SHG150



SHG200

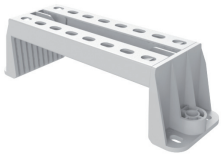


SHG300



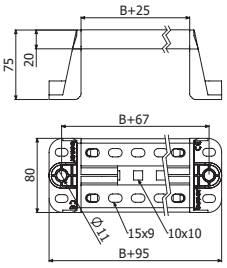
SHG 400/600

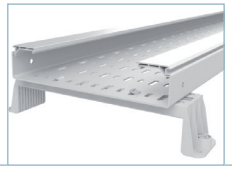
SVG



	B		CTA		UVM1	
	mm	inch	kg	lb	REF.	kg/ud
SVG 100	100	4"	384	846	210050	0,23
SVG 150	150	6"	384	846	210051	0,26
SVG 200	200	8"	384	846	210052	0,28
SVG 300	300	12"	204	450	210053	0,33
SVG 400	400	16"	120	263	210054	0,38
SVG 600	600	24"	60	132	210055	0,48

BPE ---> SVG: 2/100 x CTBP (210017)







KSHGR

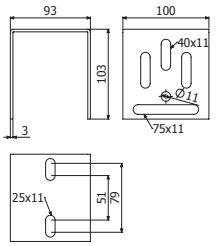


	GSP 7035	
	REF.	kg/ud
KSHGR	217282	0,61

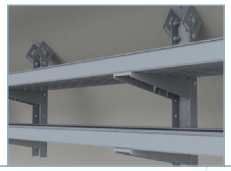
PSHGR ---> KSHGR 4/100 x B2 i304

SHG 100~300 ---> KSHGR 1 x CT2 M10X100

SHG 400~600 ---> 2 x CT2 M10X100







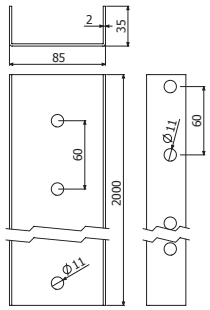
PSHG



	GSP 7035	
	REF.	kg/ud
PSHG 2M	217281	2,29

SHG 100~300 ---> PSHG 1 x CT2 M10X100

SHG 400~600 ---> PSHG 2 x CT2 M10X100



PSHGR



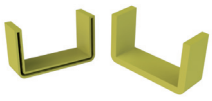
PSHGR 600

	GSP 7035	
	REF.	kg/ud
PSHGR 600	217283	2,05
TFSHGR PVC (212112)		

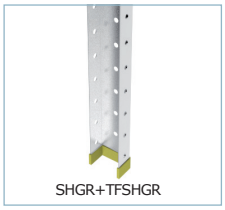
PSHGR ---> KSHGR 4/100 x B2 i304

SHG 100~300 ---> PSHGR 1 x CT2 M10X100

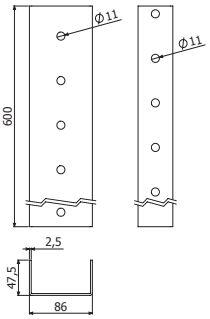
SHG 400~600 ---> PSHGR 2 x CT2 M10X100



TFSHGR



SHGR+TFSHGR



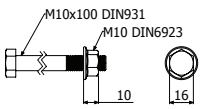
PSHGR

CT2



	Pap	i304	
	N·m	REF.	kg/ud
CT2 M10X100	35	207228	0,11

17

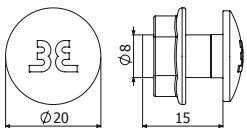


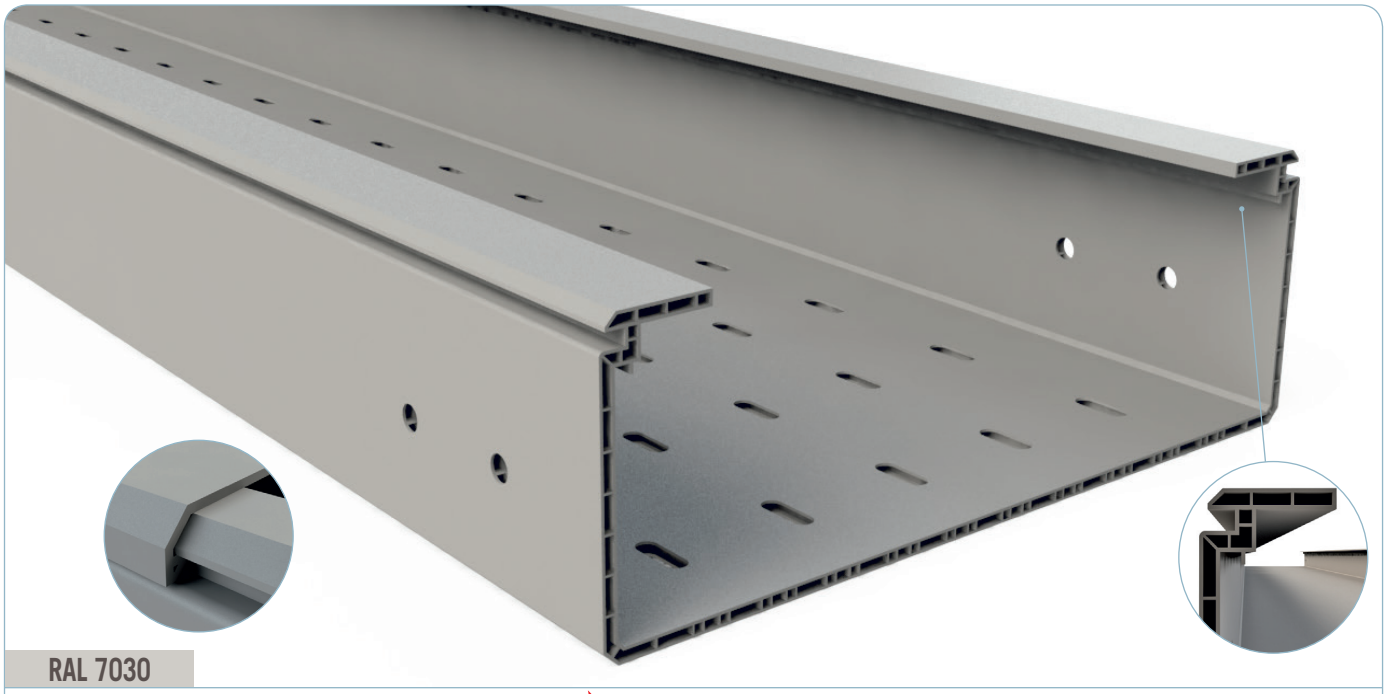
B2



	Pap	i304	
	N·m	REF.	kg/ud
B2-100	15	205392	1,71

13





RAL 7030

UNE-EN 61537
UNE-EN 50085

RoHS

M1
V0
UNE-EN 61537
UNE-EN 50085
UNE 23727
UL94

960°
UNE-EN 60695

60°C
-20°C
UNE-EN 61537

60°C
-15°C
UNE-EN 50085

20J
Mod. 60x100 & 60x150 10J
UNE-EN 61537
UNE-EN 50085

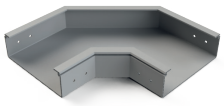
IP3X IP2X
IEC 60529

IK10 IK07
IEC 50102

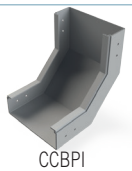
ISO/TR 10358
DIN 8061

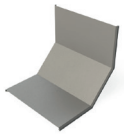

BIK10

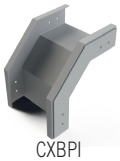

RA50

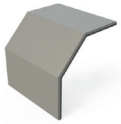

CPBPI


TCPBPI

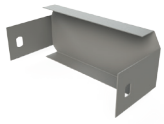

CCBPI


TCCBPI

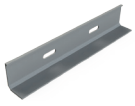

CXBPI


TCXBPI


PDBPI


TFBPI


PSBPI


JUBPI


JUBPE-A


JUBPE-B


CTBP

		Filling Area			
B		H60 (2 3/8")		H100 (4")	
mm	inch	cm²	in²	cm²	in²
100	4"	52	8,06	-	-
150	6"	80	12,4	-	-
200	8"	93	14,4	169	26,2
300	12"	143	22,2	259	40,1
400	16"	-	-	349	54,1
600	24"	-	-	529	82,0

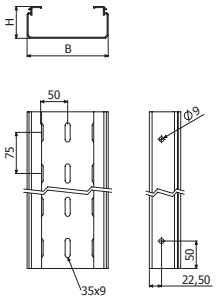
BPI H60



L = 3 m (10 ft)
B 100/150

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI 60X100	60	2 3/8"	100	4"	201162	0,73
BPI 60X150	60	2 3/8"	150	6"	201163	0,92
BPI 60X200	60	2 3/8"	200	8"	201164	1,11
BPI 60X300	60	2 3/8"	300	12"	201165	1,58

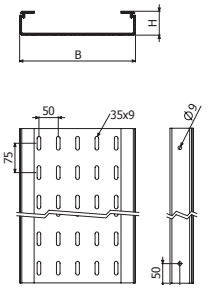
2 x JUBPI 60 (202061)



B 100/150



L = 3 m (10 ft)
B 200/300



B 200/300

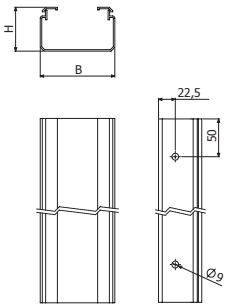
BPI-C H60



L = 3 m (10 ft)
B 100/150

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI-C 60X100	60	2 3/8"	100	4"	201156	0,77
BPI-C 60X150	60	2 3/8"	150	6"	201157	1,03
BPI-C 60X200	60	2 3/8"	200	8"	201158	1,17
BPI-C 60X300	60	2 3/8"	300	12"	201159	1,70

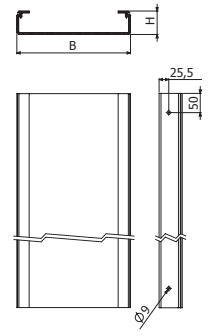
2 x JUBPI 60 (202061)



B 100/150



L = 3 m (10 ft)
B 200/300



B 200/300

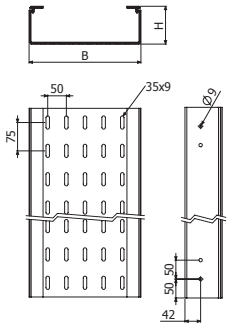
BPI H100



L = 3 m (10 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI 100X200	100	4"	200	8"	204898	1,78
BPI 100X300	100	4"	300	12"	204964	1,81
BPI 100X400	100	4"	400	16"	201166	2,68
BPI 100X600	100	4"	600	24"	201167	4,27

2 x JUBPI 100 (202062)



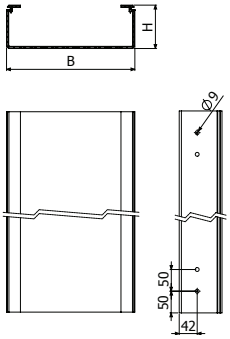
BPI-C H100



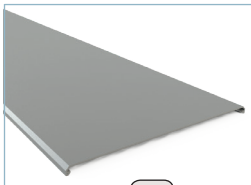
L = 3 m (10 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI-C 100X200	100	4"	200	8"	205091	1,54
BPI-C 100X300	100	4"	300	12"	205092	1,94
BPI-C 100X400	100	4"	400	16"	201160	2,64
BPI-C 100X600	100	4"	600	24"	201161	4,17

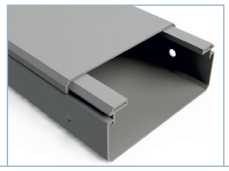
2 x JUBPI 100 (202062)



TBPI

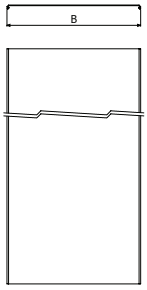


L = 3 m (10 ft)



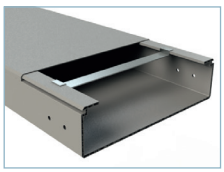
	B		PVCM1	
	mm	inch	REF.	kg/m
TBPI 100	100	4"	201185	0,37
TBPI 150	150	6"	201186	0,50
TBPI 200	200	8"	201187	0,77
TBPI 300	300	12"	201188	1,10
TBPI 400	400	16"	201189	1,53
TBPI 600	600	24"	201190	2,10

TBPI B100-400 TBPI B600



BIK10-BPI

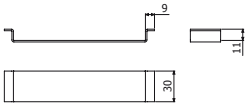




	e	Mod.	AL	
	mm	H x B	REF.	kg/ud
BIK10-BPI 60X100	1,5	60x100	207063	0,01
BIK10-BPI 60X150	1,5	60x150	207064	0,02
BIK10-BPI 60/100x200	1,5	60X200 & 100X200	207065	0,03
BIK10-BPI 60X300	1,5	300x60	207066	0,04
BIK10-BPI 100X300	1,5	300x100	207067	0,04
BIK10-BPI 100X400	2	400x100	207068	0,05
BIK10-BPI 100X600	2	600x100	207069	0,16

IK10

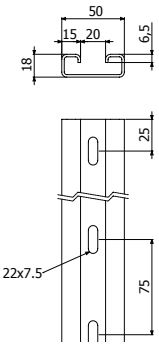
3 x BIK10-BPI => 1 x TBPI



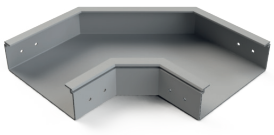
RA50



	PVCM1	
	REF.	kg/m
RA50 2M	206357	0,33

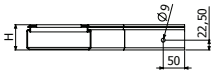


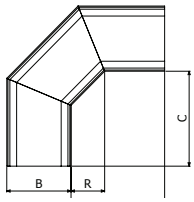
CPBPI



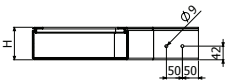
	H		B		C		R		PVCM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPBPI 60X100	60	2 3/8"	100	4"	220	8 4/5"	80	3 1/7"	201168	0,40
CPBPI 60X150	60	2 3/8"	150	6"	220	8 4/5"	80	3 1/7"	201169	0,54
CPBPI 60X200	60	2 3/8"	200	8"	220	8 4/5"	80	3 1/7"	201170	0,69
CPBPI 60X300	60	2 3/8"	300	12"	220	8 4/5"	80	3 1/7"	201171	1,10
CPBPI 100X200	100	4"	200	8"	220	8 4/5"	80	3 1/7"	205188	0,80
CPBPI 100X300	100	4"	300	12"	220	8 4/5"	80	3 1/7"	205189	1,20
CPBPI 100X400	100	4"	400	16"	220	8 4/5"	80	3 1/7"	201172	1,90
CPBPI 100X600	100	4"	600	24"	240	9 1/2"	100	4"	201173	2,53

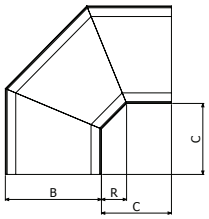
2 x JUBPI 60 (202061)
2 x JUBPI 100 (202062)



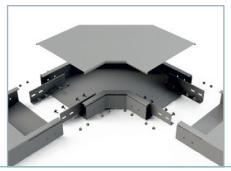


H60





H100

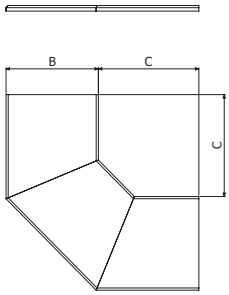


TCPBPI

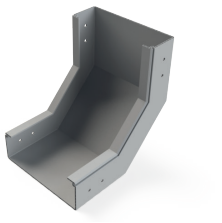


	B		C		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
TCPBPI 100	100	4"	220	8 4/5"	205194	0,18
TCPBPI 150	150	6"	220	8 4/5"	205195	0,26
TCPBPI 200	200	8"	220	8 4/5"	205198	0,43
TCPBPI 300	300	12"	220	8 4/5"	205199	0,71
TCPBPI 400	400	16"	220	8 4/5"	205200	1,12
TCPBPI 600	600	24"	240	9 1/2"	205201	1,94

TCPBPI B100-400 TCPBPI B600

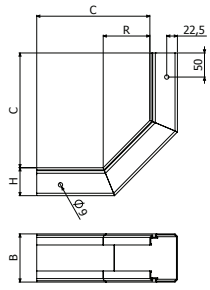


CCBPI

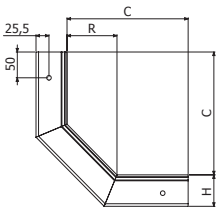


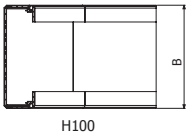
	H		B		C		R		PVCM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCBPI 60X100	60	2 3/8"	100	4"	240	9 1/2"	100	4"	201174	0,39
CCBPI 60X150	60	2 3/8"	150	6"	240	9 1/2"	100	4"	201175	0,49
CCBPI 60X200	60	2 3/8"	200	8"	240	9 1/2"	100	4"	201176	0,59
CCBPI 60X300	60	2 3/8"	300	12"	240	9 1/2"	100	4"	201177	0,81
CCBPI 100X200	100	4"	200	8"	275	10 5/6"	115	4 5/8"	205190	0,88
CCBPI 100X300	100	4"	300	12"	275	10 5/6"	115	4 5/8"	205191	1,11
CCBPI 100X400	100	4"	400	16"	275	10 5/6"	115	4 5/8"	201178	1,48
CCBPI 100X600	100	4"	600	24"	275	10 5/6"	115	4 5/8"	201179	2,00

2 x JUBPI 60 (202061)
2 x JUBPI 100 (202062)

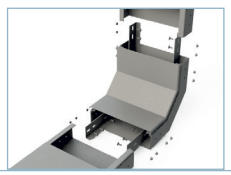


H60

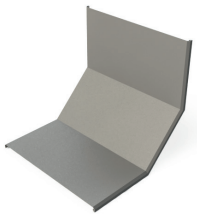




H100

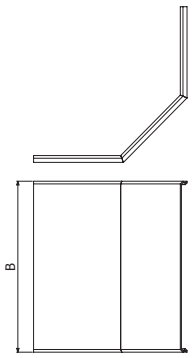


TCCBPI

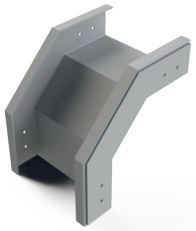


	B		PVCM1	
	mm	inch	REF.	kg/ud
TCCBPI 60X100	100	4“	205202	0,18
TCCBPI 60X150	150	6”	205203	0,24
TCCBPI 60X200	200	8”	205204	0,37
TCCBPI 60X300	300	12”	205205	0,52
TCCBPI 100X200	200	8”	205207	0,56
TCCBPI 100X300	300	12”	205208	0,61
TCCBPI 100X400	400	16”	205209	0,87
TCCBPI 100X600	600	24”	205210	1,04

TCCBPI B100-400 TCCBPI 100X600

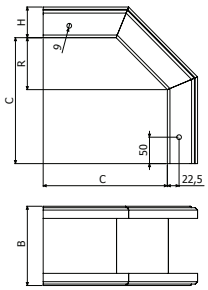


CXBPI

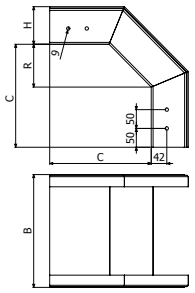


	H		B		C		R		PVCM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXBPI 60X100	60	2 3/8”	100	4“	240	9 1/2"	100	4”	201180	0,39
CXBPI 60X150	60	2 3/8”	150	6”	240	9 1/2"	100	4”	201181	0,49
CXBPI 60X200	60	2 3/8”	200	8”	240	9 1/2"	100	4”	201182	0,59
CXBPI 60X300	60	2 3/8”	300	12”	240	9 1/2"	100	4”	201183	0,81
CXBPI 100X200	100	4”	200	8”	275	10 5/6"	115	4 5/8"	205192	0,88
CXBPI 100X300	100	4”	300	12”	275	10 5/6"	115	4 5/8"	205193	1,11
CXBPI 100X400	100	4”	400	16”	275	10 5/6"	115	4 5/8"	201184	1,48
CXBPI 100X600	100	4”	600	24”	275	10 5/6"	115	4 5/8"	204707	2,00

2 x JUBPI 60 (202061)
2 x JUBPI 100 (202062)

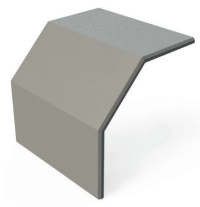


H60



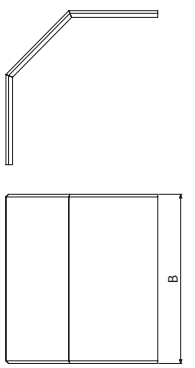
H100

TCXBPI



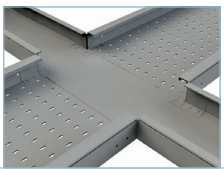
	B		PVCM1	
	mm	inch	REF.	kg/ud
TCXBPI 60X100	100	4“	205211	0,22
TCXBPI 60X150	150	6”	205212	0,30
TCXBPI 60X200	200	8”	205213	0,49
TCXBPI 60X300	300	12”	205214	0,65
TCXBPI 100X200	200	8”	205215	0,75
TCXBPI 100X300	300	12”	205216	0,82
TCXBPI 100X400	400	16”	205217	1,17
TCXBPI 100X600	600	24”	205218	1,39

TCXBPI B100-400 TCXBPI 100X600



PDBPI

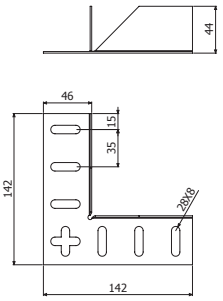




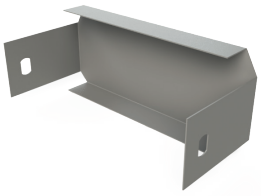
	GSP 7030	
	REF.	kg/ud
PDBPI 60/100	203521	0,18

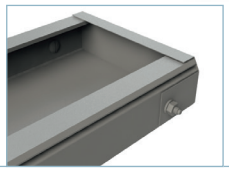
3/100 x CTBP (2010020)

↑60 ↑100



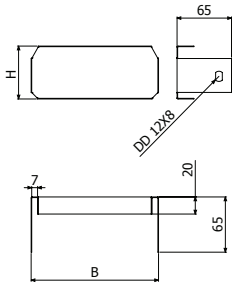
TFBPI



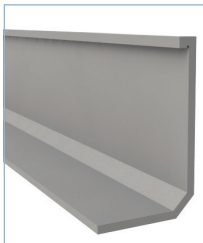


	H		B		GSP 7030	
	mm	inch	mm	inch	REF.	kg/ud
TFBPI 60X100	60	2 3/8"	100	4"	204395	0,09
TFBPI 60X150	60	2 3/8"	150	6"	204800	0,13
TFBPI 60X200	60	2 3/8"	200	8"	204396	0,15
TFBPI 60X300	60	2 3/8"	300	12"	204838	0,21
TFBPI 100X200	100	4"	200	8"	205220	0,24
TFBPI 100X300	100	4"	300	12"	205221	0,31
TFBPI 100X400	100	4"	400	16"	205125	0,40
TFBPI 100X600	100	4"	600	24"	205219	0,55

20100 x CTBP (2010020)

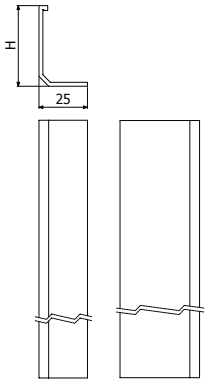


PSBPI

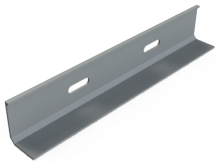


	H		PVCM1	
	mm	inch	REF.	kg/m
PSBPI 60	41	1 5/8"	203522	0,20
PSBPI 100	74	2 7/8"	203523	0,37

4/100 x x CTBP (2010020)

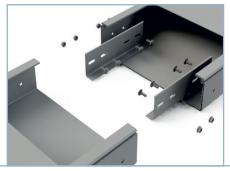


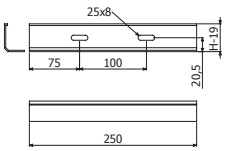
JUBPI



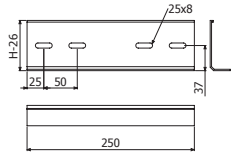
	H		PVCM1	
	mm	inch	REF.	kg/ud
JUBPI 60	60	2 3/8"	202061	0,05
JUBPI 100	100	4"	202062	0,09

JUBPI 60 --> 20100 x CTBP (210020)
JUBPI 100 --> 4/100 x CTBP (210020)



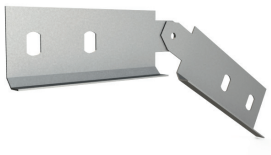


JUBPI 60



JUBPI 100

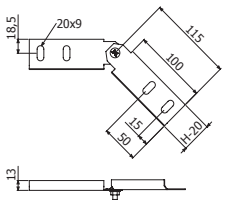
JUBPE-A



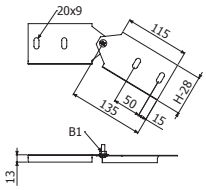
	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-A 60	60	2 3/8"	205036	0,09
JUBPE-A 100	100	4"	205037	0,16

4/100 x CTBP (210020)



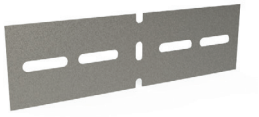


JUBPE-A 60



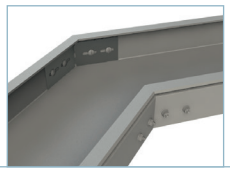
JUBPE-A 100

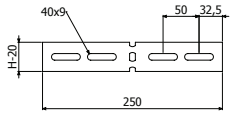
JUBPE-B



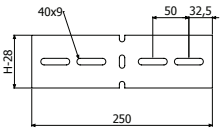
	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-B 60	60	2 3/8"	203520	0,13
JUBPE-B 100	100	4"	205038	0,22

4/100 x CTBP (210020)



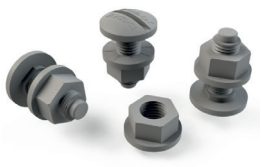


JUBPE-B 60



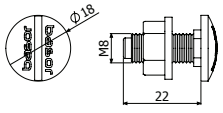
JUBPE-B 100

CTBP



	Pap	PVCM1	
	N·m	REF.	kg/ud
CTBP-100	4	210020	0,40

13



CTA

			B mm (inch)					
			100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
SHG		T° 40°C	166 (366)	105 (231)	125 (276)	291 (642)	207 (456)	148 (326)
		T° 60°C	113 (249)	95 (209)	120 (264)	178 (392)	160 (353)	113 (249)

RoHS ✓ | M1 V0 | 60°C / -20°C UNE-EN 61537 | PVCM1 | ISO/TR 10358 DIN 8061

CTA

			B mm (inch)					
			100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
PSHG		T° 40°C	166 (366)	105 (231)	125 (276)	291 (642)	207 (456)	148 (326)
		T° 60°C	113 (249)	95 (209)	120 (264)	178 (392)	160 (353)	113 (249)

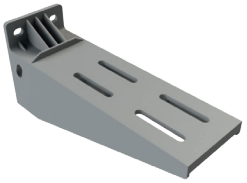
RoHS ✓ | M1 V0 | 60°C / -20°C UNE-EN 61537 | ✓ | ISO/TR 10358 DIN 8061

CTA

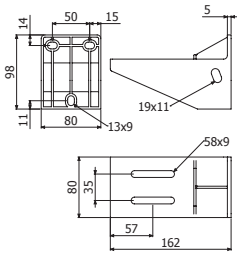
		B mm (inch)					
		100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
SVG		384 (846)	384 (846)	384 (846)	204 (450)	120 (263)	60 (132)

RoHS ✓ | M1 V0 | 60°C / -20°C UNE-EN 61537 | PVCM1 | ISO/TR 10358 DIN 8061

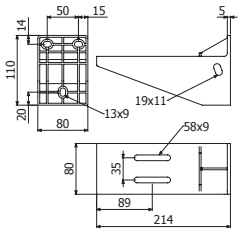
SHG



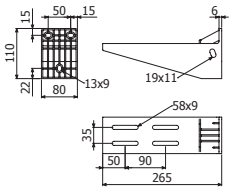
	B		40°	60°	PVCM1	
	mm	inch	CTA (kg)	CTA (kg)	REF.	kg/ud
SHG 100	100	4"	166	113	206779	0,19
SHG 150	150	6"	105	95	206780	0,27
SHG 200	200	8"	125	120	206781	0,34
SHG 300	300	12"	291	178	206782	0,54
SHG 400	400	16"	207	160	207134	0,95
SHG 600	600	24"	148	113	207135	1,10



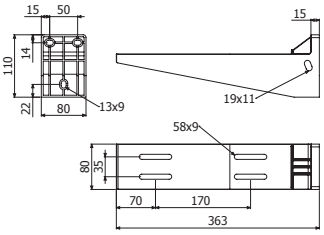
SHG100



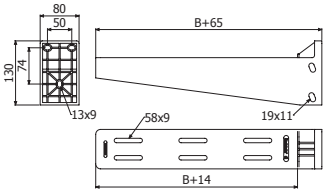
SHG150



SHG200

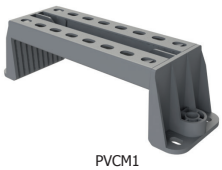


SHG300

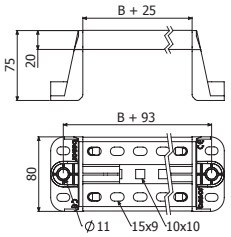


SHG 400/600

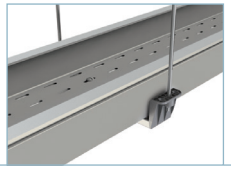
SVG


PVCM1

	B		CTA		PVCM1	
	mm	inch	kg	lb	REF.	kg/ud
SVG 100	100	4"	384	846	210056	0,23
SVG 150	150	6"	384	846	210057	0,26
SVG 200	200	8"	384	846	210058	0,28
SVG 300	300	12"	204	450	210059	0,33
SVG 400	400	16"	120	263	210060	0,38
SVG 600	600	24"	60	132	210061	0,48



BPI ---> SVG: 2/100 x CTBP (210020)

KSHGR


KSHGR

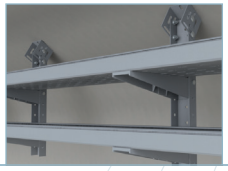


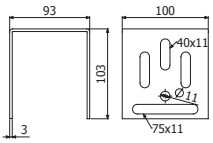
	GSP 7030	
	REF.	kg/ud
KSHGR	207403	0,61

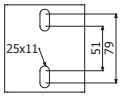
PSHGR ---> KSHGR 4 x B2 i304

SHG 100~300 ---> KSHGR 1 x CT2 M10X100

SHG 400~600 ---> KSHGR 2 x CT2 M10X100







KSHGR

PSHG

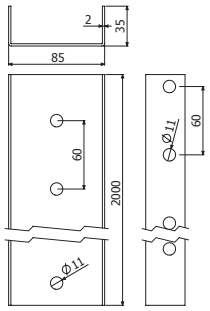




	GSP 7030	
	REF.	kg/ud
PSHG 2M	207203	2,29

SHG 100~300 ---> PSHG 1 x CT2 M10X100

SHG 400~600 ---> PSHG 2 x CT2 M10X100



PSHGR



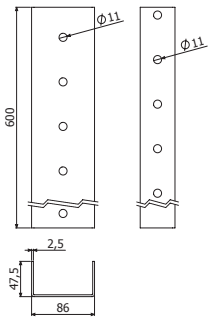
PSHGR 600

	GSP 7030	
	REF.	kg/ud
PSHGR 600	207404	2,05
TFSHGR PVC (212112)		

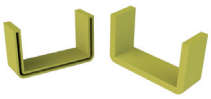
PSHGR ---> KSHGR 4 x B2 i304

SHG 100~300 ---> PSHGR 1 x CT2 M10X100

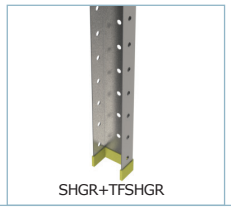
SHG 400~600 ---> PSHGR 2 x CT2 M10X100



PSHGR



TFSHGR



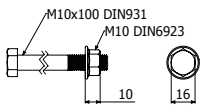
SHGR+TFSHGR

CT2



	Pap	i304	
	N·m	REF.	kg/ud
CT2 M10X100	35	207228	0,11

17

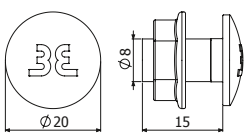


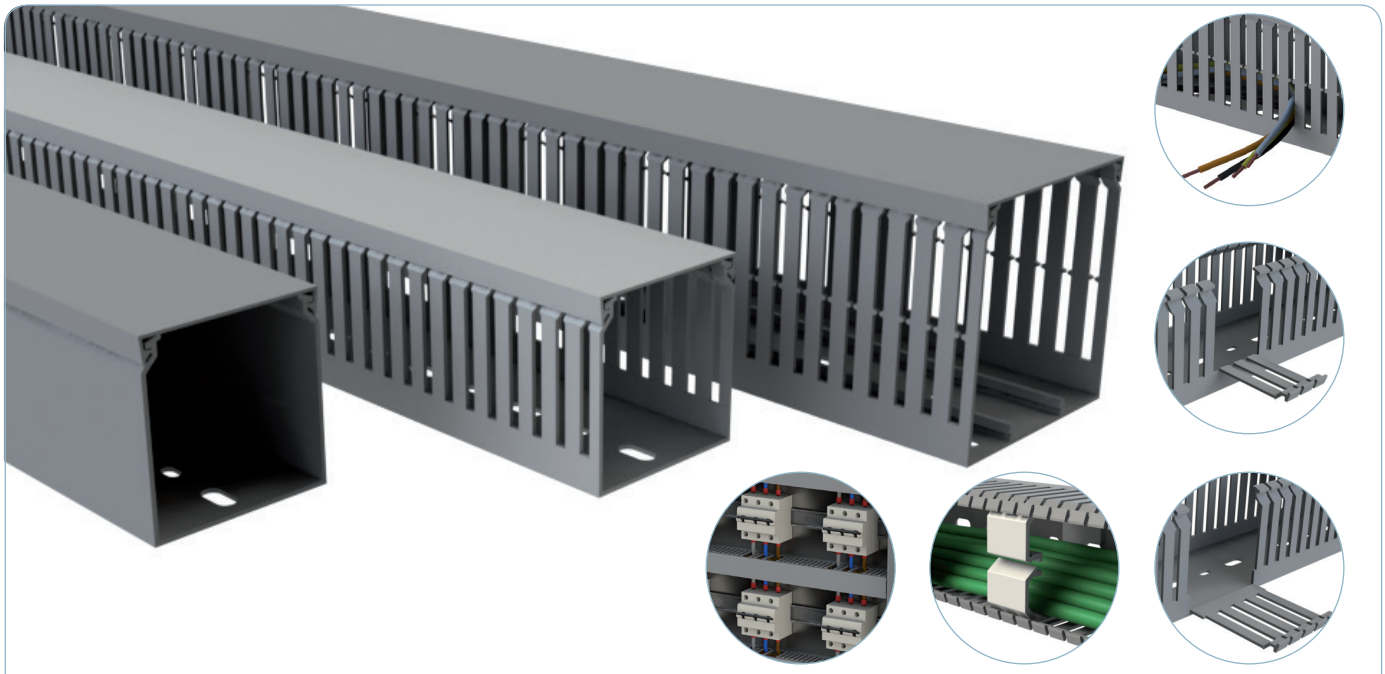
B2



	Pap	i304	
	N·m	REF.	kg/ud
B2-100	15	205392	1,71

13





UNE-EN 50085

RoHS

UNE-EN 50085
UNE 23727
UL94

60°C
-15°C
UNE-EN 50085

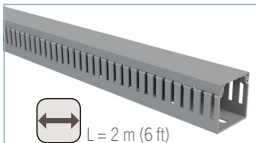
2J
UNE-EN 50085

IK07
IEC 50102

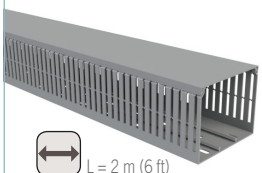
960°
EN 60695-2-12

		Filling Area							
B		H25 (1")		H40 (1 4/7")		H60 (2 3/8")		H80 (3 1/7")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
25	1"	4	0,6	7	1,1	11	1,7	16	2,5
40	1 4/7"	-	-	12	1,9	20	3,1	27	4,2
60	2 3/8"	-	-	20	3,1	31	4,8	43	6,7
80	3 1/7"	-	-	-	-	42	6,5	58	9,0
100	4"	-	-	-	-	54	8,4	73	11,3
120	4 5/7"	-	-	-	-	65	10,1	88	13,6

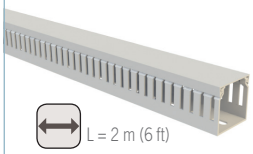
QRL



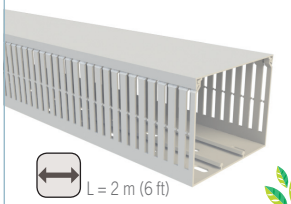
L = 2 m (6 ft)
QRL = 40x40 PVCM1 7030



L = 2 m (6 ft)
QRL = 100x80 PVCM1 7030



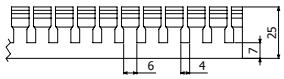
L = 2 m (6 ft)
QRL = 40x40 LH 7035



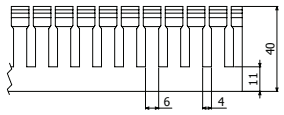
L = 2 m (6 ft)
QRL = 100x80 LH 7035

	B		H		PVCM1 7030		LH 7035	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
QRL 25X25	25	1"	25	1"	207145	0,20	-	-
QRL 25x40	25	1"	40	1 4/7"	207146	0,23	207257	0,16
QRL 25x60	25	1"	60	2 3/8"	207147	0,28	207258	0,23
QRL 25x80	25	1"	80	3 1/7"	207148	0,33	207259	0,26
QRL 40x40	40	1 4/7"	40	1 4/7"	207149	0,28	207260	0,22
QRL 40x60	40	1 4/7"	60	2 3/8"	207150	0,33	207261	0,26
QRL 40x80	40	1 4/7"	80	3 1/7"	207151	0,38	207262	0,36
QRL 60x40	60	2 3/8"	40	1 4/7"	207152	0,34	209873	0,31
QRL 60x60	60	2 3/8"	60	2 3/8"	207153	0,39	207263	0,41
QRL 60x80	60	2 3/8"	80	3 1/7"	207154	0,44	209877	0,45
QRL 80x60	80	3 1/7"	60	2 3/8"	207155	0,49	209874	0,50
QRL 80x80	80	3 1/7"	80	3 1/7"	207156	0,53	209878	0,54
QRL 100x60	100	4"	60	2 3/8"	207157	0,55	-	-
QRL 100x80	100	4"	80	3 1/7"	207158	0,60	209879	0,56
QRL 120x60	120	4 5/7"	60	2 3/8"	207159	0,62	209875	0,67
QRL 120x80	120	4 5/7"	80	3 1/7"	207160	0,66	209876	0,70

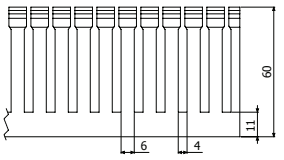




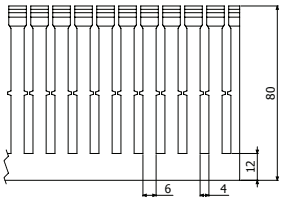
QRL H25



QRL H40

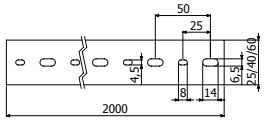


QRL H60

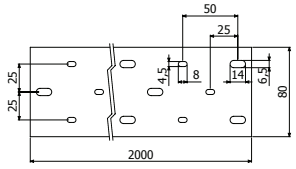


QRL H80

LH 7035



H 25/40/60



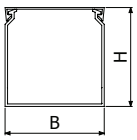
H 80/100/120

QCL

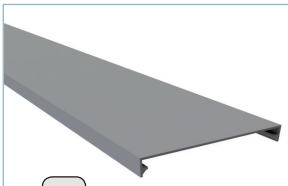


L = 2 m (6 ft)

	B		H		PVCM1 7030	
	mm	inch	mm	inch	REF.	kg/m
QCL 25X25	25	1 "	25	1"	207300	0,25
QCL 40x40	40	1 4/7"	40	1 4/7"	207301	0,35
QCL 60x40	60	2 3/8"	40	1 4/7"	207302	0,41
QCL 60x60	60	2 3/8"	60	2 3/8"	207303	0,49

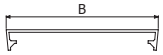


TQRL

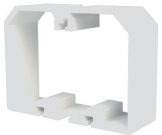


L = 2 m (6 ft)

	B		PVCM1 7030	
	mm	inch	REF.	kg/m
TQRL 25	25	1"	207162	0,08
TQRL 40	40	1 4/7"	207163	0,10
TQRL 60	60	2 3/8"	207164	0,13
TQRL 80	80	3 1/7"	207165	0,16
TQRL 100	100	4"	207166	0,19
TQRL 120	120	4 5/7"	207167	0,23

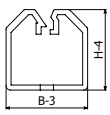


RCQRL

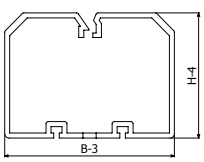


HALOGEN FREE

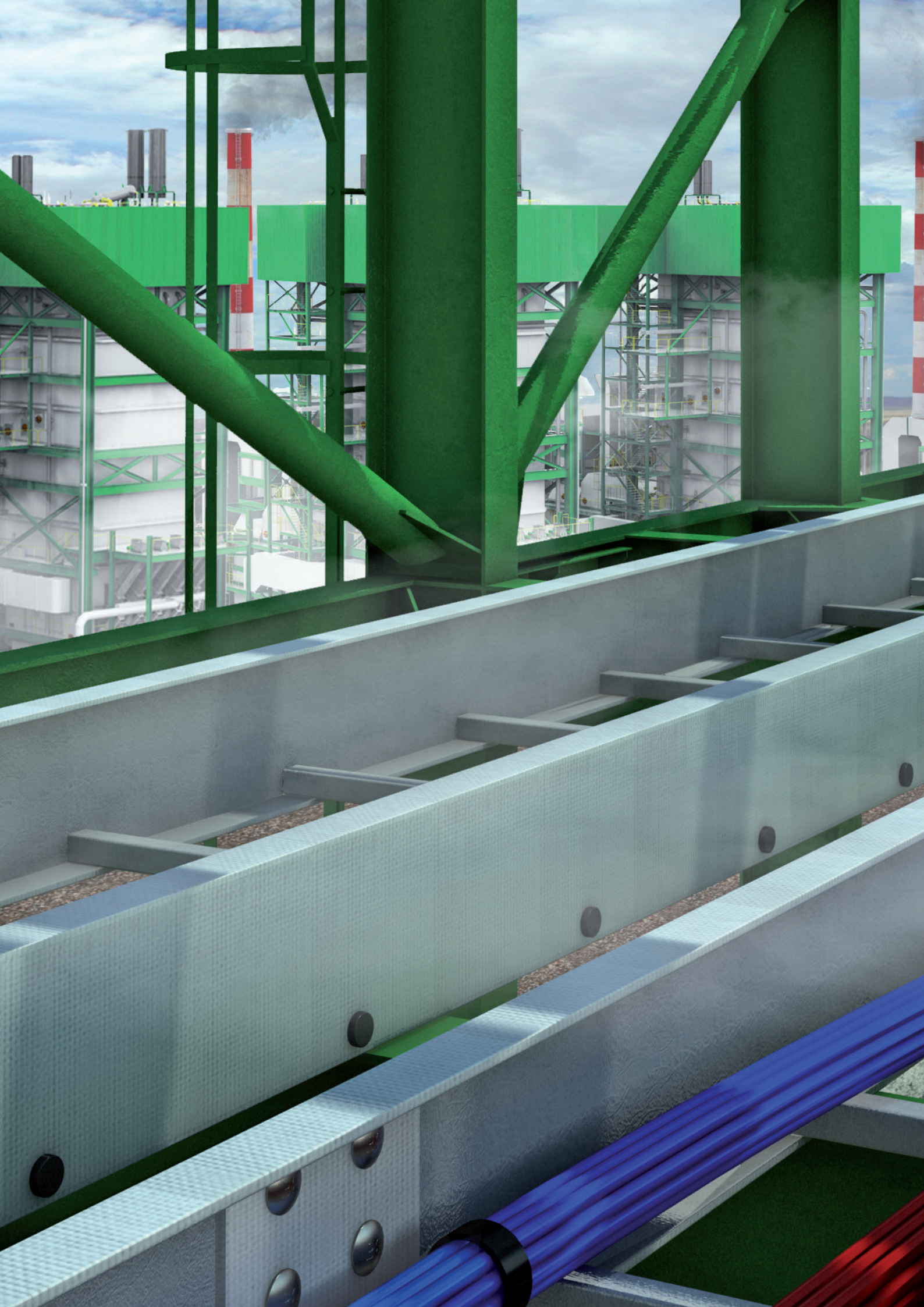
	B		H		PA6	
	mm	inch	mm	inch	REF.	kg/ud
RCQRL 40x40	40	1 4/7"	40	1 4/7"	207168	0,02
RCQRL 40x60	40	1 4/7"	60	2 3/8"	207169	0,02
RCQRL 40x80	40	1 4/7"	80	3 1/7"	207170	0,02
RCQRL 60x40	60	2 3/8"	40	1 4/7"	207171	0,02
RCQRL 60x60	60	2 3/8"	60	2 3/8"	207172	0,02
RCQRL 60x80	60	2 3/8"	80	3 1/7"	207173	0,02
RCQRL 80x60	80	3 1/7"	60	2 3/8"	207174	0,03
RCQRL 80x80	80	3 1/7"	80	3 1/7"	207175	0,03
RCQRL 100x60	100	4"	60	2 3/8"	207176	0,03
RCQRL 100x80	100	4"	80	3 1/7"	207177	0,03
RCQRL 120x60	120	4 5/7"	60	2 3/8"	207178	0,03
RCQRL 120x80	120	4 5/7"	80	3 1/7"	207179	0,03

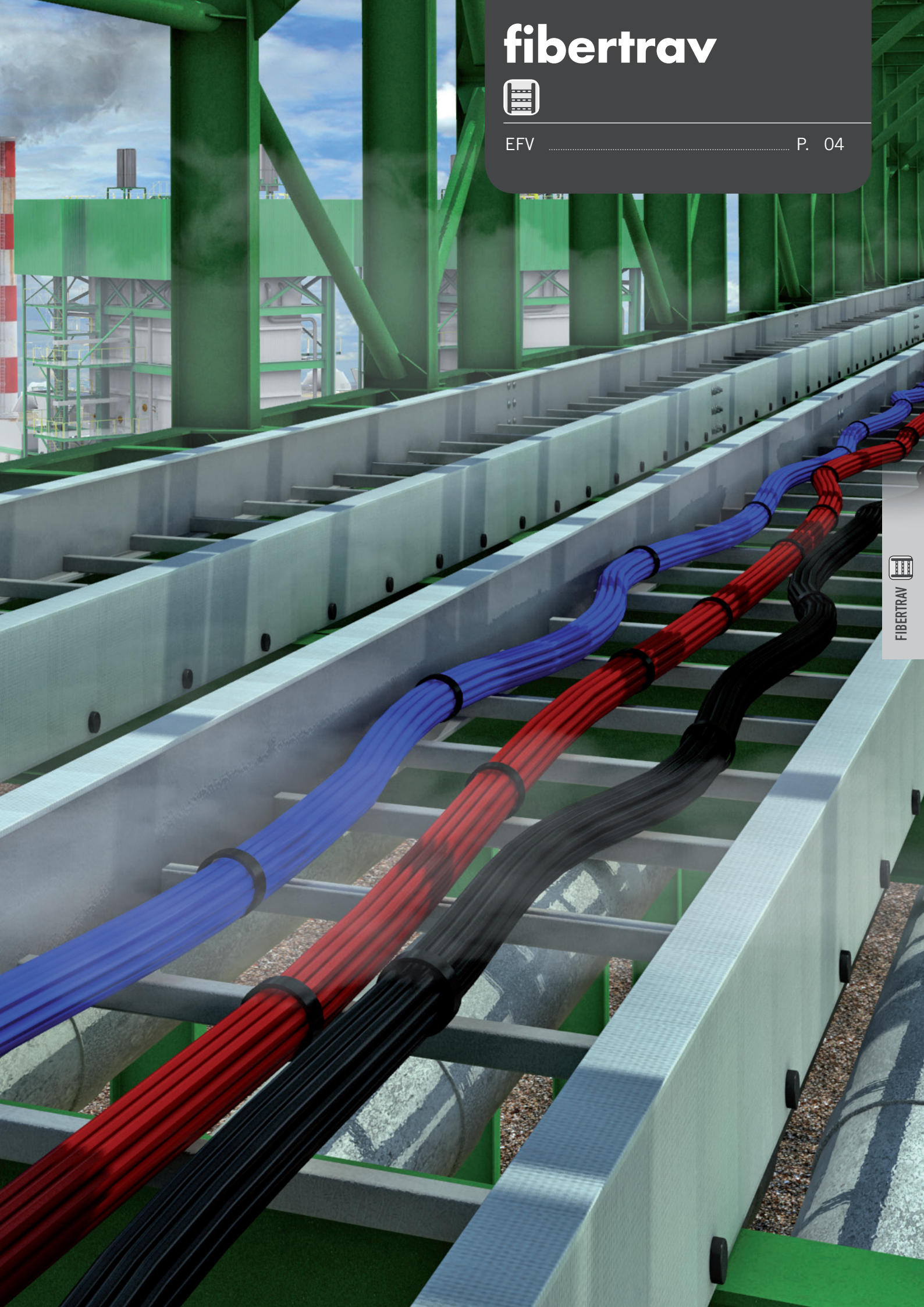


RCQRL H40/H60



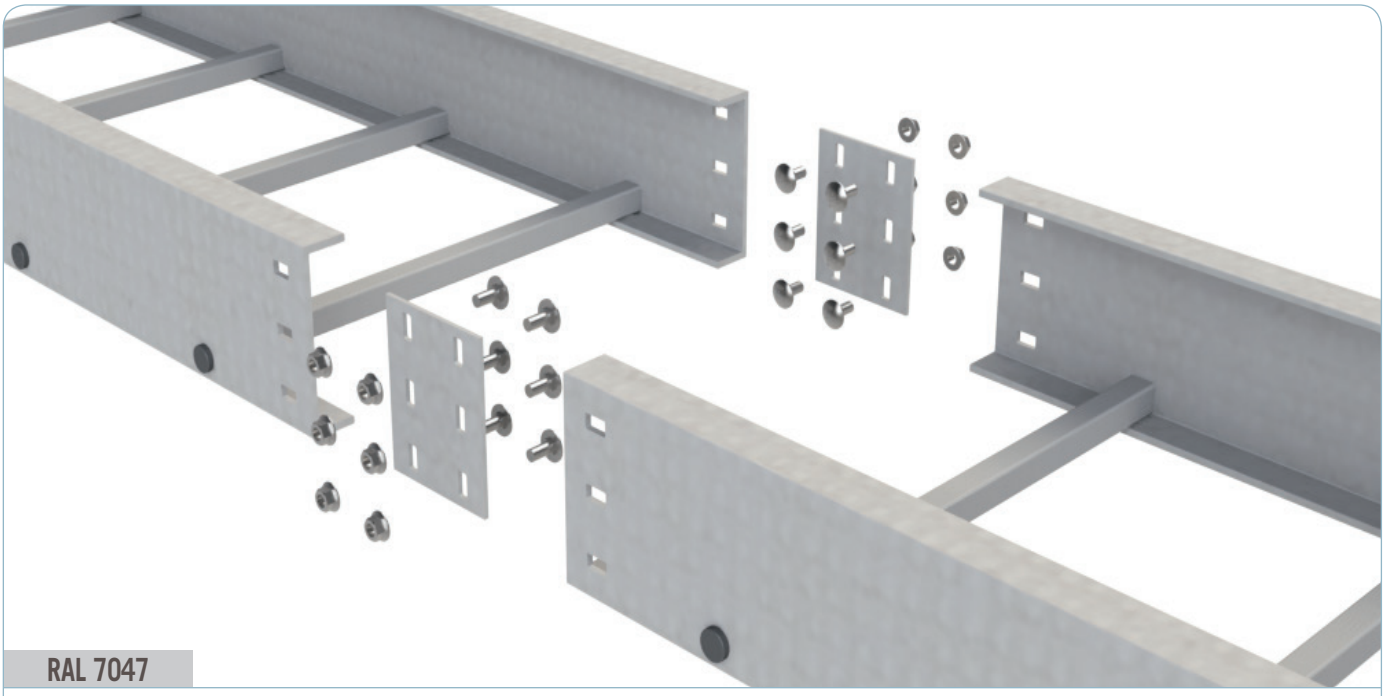
RCQRL H80/H100/H120





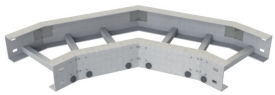
fibertrav

EFV ..... P. 04



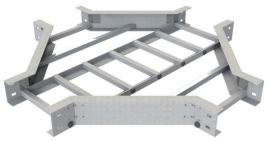
RAL 7047

UNE-EN 61537 | 150ºC -50ºC UNE-EN 61537 | V0 UNE-EN 61537 | 20J UNE-EN 61537 | RoHS | HALOGEN FREE EN 50642:2018

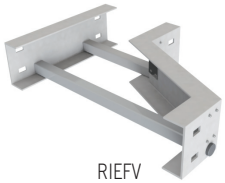

CPEFV


CCEFV

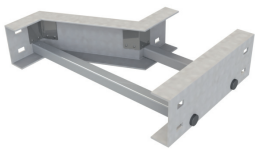

CXEFV


CREFV


TEEFV


RIEFV


RCEFV


RDEFV

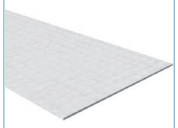

PSEFV


JUEFV


JUEFV-A


JUEFV-B


BEFV

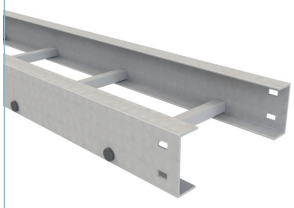

TEFV


PTEFV


B3

		Filling Area							
B		H3"		H4"		H6"		H8"	
inch	mm	in²	cm²	in²	cm²	in²	cm²	in²	cm²
6	150	10,44	66,30	16,20	102,90	27,02	171,60	39,50	250,80
9	225	15,66	99,45	24,31	154,35	40,54	257,40	59,24	376,20
12	300	20,88	132,60	32,41	205,80	54,05	343,20	78,99	501,60
18	450	31,32	198,90	48,61	308,70	81,07	514,80	118,49	752,40
24	600	41,76	265,20	64,82	411,60	108,09	686,40	157,98	1003,20
30	750	52,20	331,50	81,02	514,50	135,12	858,00	197,48	1254,00
36	900	62,65	397,80	97,23	617,40	162,14	1029,60	236,98	1504,80

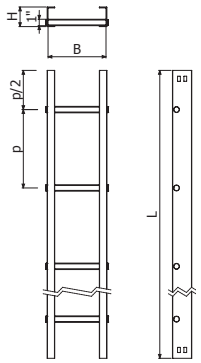
EFVS H3



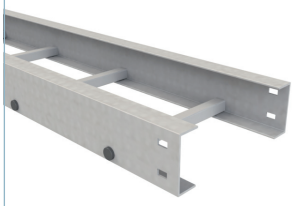
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVS 6X3-p 6M	**6**	150	**3**	75	211239	3,03	211279	2,74	211319	2,62
EFVS 9X3-p 6M	**9**	225	**3**	75	211240	3,43	211280	3,01	211320	2,82
EFVS 12X3-p 6M	**12**	300	**3**	75	211241	3,83	211281	3,27	211321	3,03
EFVS 18X3-p 6M	**18**	450	**3**	75	211242	4,64	211282	3,79	211322	3,43
EFVS 24X3-p 6M	**24**	600	**3**	75	211243	5,45	211283	4,32	211323	3,84

2 x JUEFV 3 (212068)



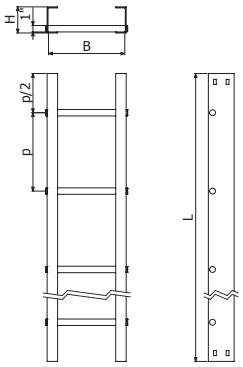
EFVS H4



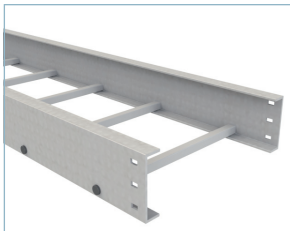
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVS 6X4-p 6M	**6**	150	**4**	100	211244	4,05	211284	3,77	211324	3,65
EFVS 9X4-p 6M	**9**	225	**4**	100	211245	4,45	211285	4,03	211325	3,85
EFVS 12X4-p 6M	**12**	300	**4**	100	211246	4,86	211286	4,29	211326	4,05
EFVS 18X4-p 6M	**18**	450	**4**	100	211247	5,67	211287	4,82	211327	4,46
EFVS 24X4-p 6M	**24**	600	**4**	100	211248	6,48	211288	5,35	211328	4,86
EFVS 30X4-p 6M	**30**	750	**4**	100	211249	7,29	211289	5,87	211329	5,26
EFVS 36X4-p 6M	**36**	900	**4**	100	211250	7,56	211290	6,05	211330	5,40

2 x JUEFV 4 (212069)



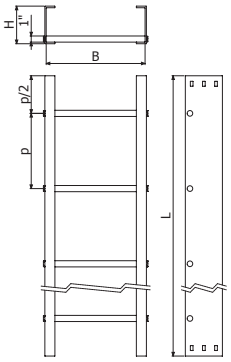
EFVL H6



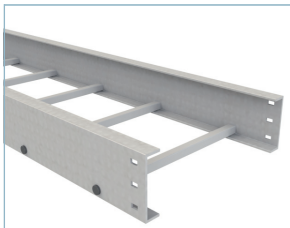
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVL 6X6-p 6M	**6**	150	**6**	150	211251	5,66	211291	5,37	211331	5,25
EFVL 9X6-p 6M	**9**	225	**6**	150	211252	6,06	211292	5,64	211332	5,46
EFVL 12X6-p 6M	**12**	300	**6**	150	211253	6,47	211293	5,90	211333	5,66
EFVL 18X6-p 6M	**18**	450	**6**	150	211254	7,28	211294	6,43	211334	6,06
EFVL 24X6-p 6M	**24**	600	**6**	150	211255	8,09	211295	6,95	211335	6,47
EFVL 30X6-p 6M	**30**	750	**6**	150	211256	8,90	211296	7,48	211336	6,87
EFVL 36X6-p 6M	**36**	900	**6**	150	211257	9,17	211297	7,65	211337	7,01

2 x JUEFV 6 (212070)



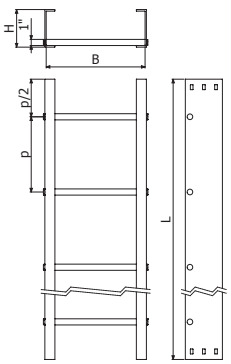
EFVS H6



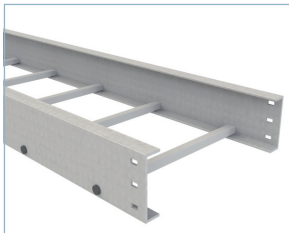
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVS 6X6-p 6M	**6**	150	**6**	150	211258	7,24	211298	6,96	211338	6,84
EFVS 9X6-p 6M	**9**	225	**6**	150	211259	7,65	211299	7,22	211339	7,04
EFVS 12X6-p 6M	**12**	300	**6**	150	211260	8,05	211300	7,49	211340	7,24
EFVS 18X6-p 6M	**18**	450	**6**	150	211261	8,86	211301	8,01	211341	7,65
EFVS 24X6-p 6M	**24**	600	**6**	150	211262	9,67	211302	8,54	211342	8,05
EFVS 30X6-p 6M	**30**	750	**6**	150	211263	10,48	211303	9,06	211343	8,46
EFVS 36X6-p 6M	**36**	900	**6**	150	211264	10,75	211304	9,24	211344	8,59

2 x JUEFV 6 (212070)



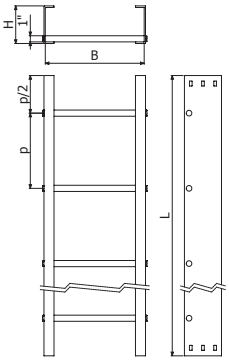
EFVR H6



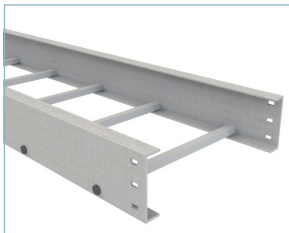
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVR 6X6-p 6M	**6**	150	**6**	150	217286	8,83	217293	8,54	217300	8,42
EFVR 9X6-p 6M	**9**	225	**6**	150	217287	9,23	217294	8,81	217301	8,63
EFVR 12X6-p 6M	**12**	300	**6**	150	217288	9,64	217295	9,07	217302	8,83
EFVR 18X6-p 6M	**18**	450	**6**	150	217289	10,45	217296	9,60	217303	9,23
EFVR 24X6-p 6M	**24**	600	**6**	150	217290	11,26	217297	10,12	217304	9,64
EFVR 30X6-p 6M	**30**	750	**6**	150	217291	12,07	217298	10,65	217305	10,04
EFVR 36X6-p 6M	**36**	900	**6**	150	217292	12,34	217299	10,83	217306	10,18

2 x JUEFV 6 (212070)



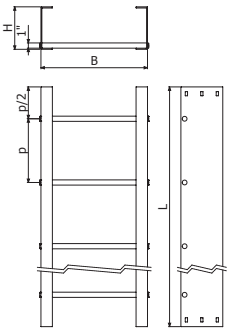
EFVS H8



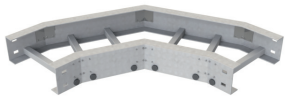
L = 6 m (20ft)

	B		H		PRFV					
					p=6" (150 mm)		p=9" (230 mm)		p=12" (300mm)	
	inch	mm	inch	mm	REF	Kg/m	REF	Kg/m	REF	Kg/m
EFVS 6X8-p 6M	**6**	150	**8**	200	211272	8,10	211312	7,82	211352	7,70
EFVS 9X8-p 6M	**9**	225	**8**	200	211273	8,50	211313	8,08	211353	7,90
EFVS 12X8-p 6M	**12**	300	**8**	200	211274	8,91	211314	8,34	211354	8,10
EFVS 18X8-p 6M	**18**	450	**8**	200	211275	9,72	211315	8,87	211355	8,51
EFVS 24X8-p 6M	**24**	600	**8**	200	211276	10,53	211316	9,40	211356	8,91
EFVS 30X8-p 6M	**30**	750	**8**	200	211277	11,34	211317	9,92	211357	9,31
EFVS 36X8-p 6M	**36**	900	**8**	200	211278	11,61	211318	10,10	211358	9,45

2 x JUEFV 8 (212071)

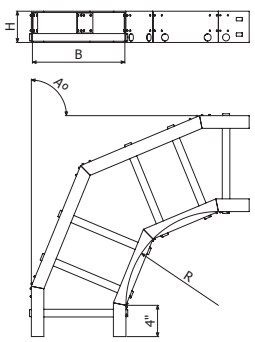


CPEFV H3



	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X3	45	**12**	300	**6**	150	**3**	75	211359	0,78
CPEFV45-12 9X3	45	**12**	300	**9**	230	**3**	75	211360	0,96
CPEFV45-12 12X3	45	**12**	300	**12**	300	**3**	75	211361	1,15
CPEFV45-12 18X3	45	**12**	300	**18**	450	**3**	75	211362	1,51
CPEFV45-12 24X3	45	**12**	300	**24**	600	**3**	75	211363	1,87
CPEFV-12 6X3	90	**12**	300	**6**	150	**3**	75	211364	2,06
CPEFV-12 9X3	90	**12**	300	**9**	230	**3**	75	211365	2,43
CPEFV-12 12X3	90	**12**	300	**12**	300	**3**	75	211366	2,79
CPEFV-12 18X3	90	**12**	300	**18**	450	**3**	75	211367	3,52
CPEFV-12 24X3	90	**12**	300	**24**	600	**3**	75	211368	4,25

2 x JUEFV 3 (212068)

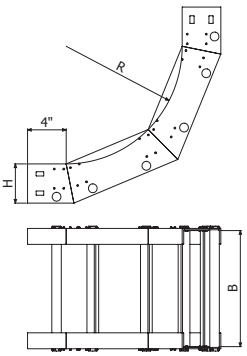


CCEFV H3



	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X3	45	**12**	300	**6**	150	**3**	75	211495	1,43
CCEFV45-12 9X3	45	**12**	300	**9**	230	**3**	75	211496	1,61
CCEFV45-12 12X3	45	**12**	300	**12**	300	**3**	75	211497	1,79
CCEFV45-12 18X3	45	**12**	300	**18**	450	**3**	75	211498	2,15
CCEFV45-12 24X3	45	**12**	300	**24**	600	**3**	75	211499	2,52
CCEFV-12 6X3	90	**12**	300	**6**	150	**3**	75	211500	3,35
CCEFV-12 9X3	90	**12**	300	**9**	230	**3**	75	211501	3,72
CCEFV-12 12X3	90	**12**	300	**12**	300	**3**	75	211502	4,08
CCEFV-12 18X3	90	**12**	300	**18**	450	**3**	75	211503	4,81
CCEFV-12 24X3	90	**12**	300	**24**	600	**3**	75	211504	5,54

2 x JUEFV 3 (212068)

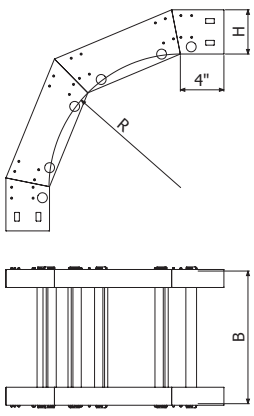


CXEFV H3

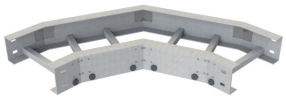


	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X3	45	**12**	300	**6**	150	**3**	75	211631	1,43
CXEFV45-12 9X3	45	**12**	300	**9**	230	**3**	75	211632	1,61
CXEFV45-12 12X3	45	**12**	300	**12**	300	**3**	75	211633	1,79
CXEFV45-12 18X3	45	**12**	300	**18**	450	**3**	75	211634	2,15
CXEFV45-12 24X3	45	**12**	300	**24**	600	**3**	75	211635	2,52
CXEFV-12 6X3	90	**12**	300	**6**	150	**3**	75	211636	3,35
CXEFV-12 9X3	90	**12**	300	**9**	230	**3**	75	211637	3,72
CXEFV-12 12X3	90	**12**	300	**12**	300	**3**	75	211638	4,08
CXEFV-12 18X3	90	**12**	300	**18**	450	**3**	75	211639	4,81
CXEFV-12 24X3	90	**12**	300	**24**	600	**3**	75	211640	5,54

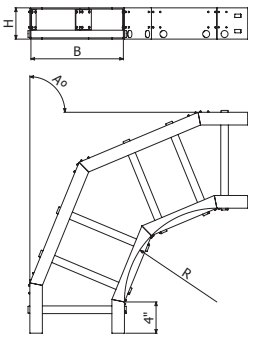
2 x JUEFV 3 (212068)



CPEFV H4



	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X4	45	**12**	300	**6**	150	**4**	100	211369	1,28
CPEFV45-12 9X4	45	**12**	300	**9**	225	**4**	100	211370	1,46
CPEFV45-12 12X4	45	**12**	300	**12**	300	**4**	100	211371	1,65
CPEFV45-12 18X4	45	**12**	300	**18**	450	**4**	100	211372	2,01
CPEFV45-12 24X4	45	**12**	300	**24**	600	**4**	100	211373	2,37
CPEFV45-12 30X4	45	**12**	300	**30**	750	**4**	100	211374	2,74
CPEFV45-12 36X4	45	**12**	300	**36**	900	**4**	100	211375	2,86
CPEFV-12 6X4	90	**12**	300	**6**	150	**4**	100	211376	2,56
CPEFV-12 9X4	90	**12**	300	**9**	225	**4**	100	211377	2,93
CPEFV-12 12X4	90	**12**	300	**12**	300	**4**	100	211378	3,29
CPEFV-12 18X4	90	**12**	300	**18**	450	**4**	100	211379	4,02
CPEFV-12 24X4	90	**12**	300	**24**	600	**4**	100	211380	4,75
CPEFV-12 30X4	90	**12**	300	**30**	750	**4**	100	211381	5,48
CPEFV-12 36X4	90	**12**	300	**36**	900	**4**	100	211382	5,72
CPEFV45-24 6X4	45	**24**	600	**6**	150	**4**	100	211383	1,47
CPEFV45-24 9X4	45	**24**	600	**9**	225	**4**	100	211384	1,68
CPEFV45-24 12X4	45	**24**	600	**12**	300	**4**	100	211385	1,89
CPEFV45-24 18X4	45	**24**	600	**18**	450	**4**	100	211386	2,31
CPEFV45-24 24X4	45	**24**	600	**24**	600	**4**	100	211387	2,73
CPEFV45-24 30X4	45	**24**	600	**30**	750	**4**	100	211388	3,15
CPEFV45-24 36X4	45	**24**	600	**36**	900	**4**	100	211389	3,29
CPEFV-24 6X4	90	**24**	600	**6**	150	**4**	100	211390	2,95
CPEFV-24 9X4	90	**24**	600	**9**	225	**4**	100	211391	3,36
CPEFV-24 12X4	90	**24**	600	**12**	300	**4**	100	211392	3,78
CPEFV-24 18X4	90	**24**	600	**18**	450	**4**	100	211393	4,62
CPEFV-24 24X4	90	**24**	600	**24**	600	**4**	100	211394	5,46
CPEFV-24 30X4	90	**24**	600	**30**	750	**4**	100	211395	6,30
CPEFV-24 36X4	90	**24**	600	**36**	900	**4**	100	211396	6,58
CPEFV45-36 6X4	45	**36**	900	**6**	150	**4**	100	211397	1,69
CPEFV45-36 9X4	45	**36**	900	**9**	225	**4**	100	211398	1,93
CPEFV45-36 12X4	45	**36**	900	**12**	300	**4**	100	211399	2,18
CPEFV45-36 18X4	45	**36**	900	**18**	450	**4**	100	211400	2,66
CPEFV45-36 24X4	45	**36**	900	**24**	600	**4**	100	211401	3,14
CPEFV45-36 30X4	45	**36**	900	**30**	750	**4**	100	211402	3,62
CPEFV45-36 36X4	45	**36**	900	**36**	900	**4**	100	211403	3,78
CPEFV-36 6X4	90	**36**	900	**6**	150	**4**	100	211404	3,39
CPEFV-36 9X4	90	**36**	900	**9**	225	**4**	100	211405	3,87
CPEFV-36 12X4	90	**36**	900	**12**	300	**4**	100	211406	4,35
CPEFV-36 18X4	90	**36**	900	**18**	450	**4**	100	211407	5,31
CPEFV-36 24X4	90	**36**	900	**24**	600	**4**	100	211408	6,28
CPEFV-36 30X4	90	**36**	900	**30**	750	**4**	100	211409	7,24
CPEFV-36 36X4	90	**36**	900	**36**	900	**4**	100	211410	7,56

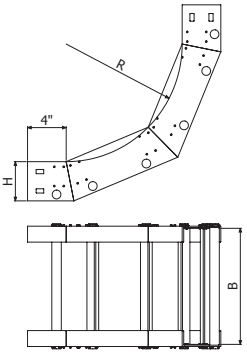


2 x JUEFV 4 (212069)

CCEFV H4



	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X4	45	**12**	300	**6**	150	**4**	100	211505	1,93
CCEFV45-12 9X4	45	**12**	300	**9**	225	**4**	100	211506	2,11
CCEFV45-12 12X4	45	**12**	300	**12**	300	**4**	100	211507	2,29
CCEFV45-12 18X4	45	**12**	300	**18**	450	**4**	100	211508	2,65
CCEFV45-12 24X4	45	**12**	300	**24**	600	**4**	100	211509	3,02
CCEFV45-12 30X4	45	**12**	300	**30**	750	**4**	100	211510	3,38
CCEFV45-12 36X4	45	**12**	300	**36**	900	**4**	100	211511	3,50
CCEFV-12 6X4	90	**12**	300	**6**	150	**4**	100	211512	3,85
CCEFV-12 9X4	90	**12**	300	**9**	225	**4**	100	211513	4,22
CCEFV-12 12X4	90	**12**	300	**12**	300	**4**	100	211514	4,58
CCEFV-12 18X4	90	**12**	300	**18**	450	**4**	100	211515	5,31
CCEFV-12 24X4	90	**12**	300	**24**	600	**4**	100	211516	6,04
CCEFV-12 30X4	90	**12**	300	**30**	750	**4**	100	211517	6,77
CCEFV-12 36X4	90	**12**	300	**36**	900	**4**	100	211518	7,01
CCEFV45-24 6X4	45	**24**	600	**6**	150	**4**	100	211519	2,21
CCEFV45-24 9X4	45	**24**	600	**9**	225	**4**	100	211520	2,42
CCEFV45-24 12X4	45	**24**	600	**12**	300	**4**	100	211521	2,63
CCEFV45-24 18X4	45	**24**	600	**18**	450	**4**	100	211522	3,05
CCEFV45-24 24X4	45	**24**	600	**24**	600	**4**	100	211523	3,47
CCEFV45-24 30X4	45	**24**	600	**30**	750	**4**	100	211524	3,89
CCEFV45-24 36X4	45	**24**	600	**36**	900	**4**	100	211525	4,03
CCEFV-24 6X4	90	**24**	600	**6**	150	**4**	100	211526	4,43
CCEFV-24 9X4	90	**24**	600	**9**	225	**4**	100	211527	4,85
CCEFV-24 12X4	90	**24**	600	**12**	300	**4**	100	211528	5,27
CCEFV-24 18X4	90	**24**	600	**18**	450	**4**	100	211529	6,10
CCEFV-24 24X4	90	**24**	600	**24**	600	**4**	100	211530	6,94
CCEFV-24 30X4	90	**24**	600	**30**	750	**4**	100	211531	7,78
CCEFV-24 36X4	90	**24**	600	**36**	900	**4**	100	211532	8,06
CCEFV45-36 6X4	45	**36**	900	**6**	150	**4**	100	211533	2,55
CCEFV45-36 9X4	45	**36**	900	**9**	225	**4**	100	211534	2,79
CCEFV45-36 12X4	45	**36**	900	**12**	300	**4**	100	211535	3,03
CCEFV45-36 18X4	45	**36**	900	**18**	450	**4**	100	211536	3,51
CCEFV45-36 24X4	45	**36**	900	**24**	600	**4**	100	211537	3,99
CCEFV45-36 30X4	45	**36**	900	**30**	750	**4**	100	211538	4,47
CCEFV45-36 36X4	45	**36**	900	**36**	900	**4**	100	211539	4,63
CCEFV-36 6X4	90	**36**	900	**6**	150	**4**	100	211540	5,09
CCEFV-36 9X4	90	**36**	900	**9**	225	**4**	100	211541	5,58
CCEFV-36 12X4	90	**36**	900	**12**	300	**4**	100	211542	6,06
CCEFV-36 18X4	90	**36**	900	**18**	450	**4**	100	211543	7,02
CCEFV-36 24X4	90	**36**	900	**24**	600	**4**	100	211544	7,98
CCEFV-36 30X4	90	**36**	900	**30**	750	**4**	100	211545	8,95
CCEFV-36 36X4	90	**36**	900	**36**	900	**4**	100	211546	9,27

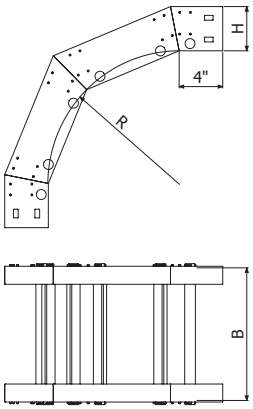


2 x JUEFV 4 (212069)

CXEFV H4

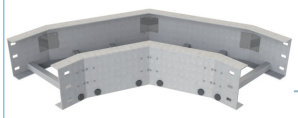


	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X4	45	**12**	300	**6**	150	**4**	100	211641	1,93
CXEFV45-12 9X4	45	**12**	300	**9**	225	**4**	100	211642	2,11
CXEFV45-12 12X4	45	**12**	300	**12**	300	**4**	100	211643	2,29
CXEFV45-12 18X4	45	**12**	300	**18**	450	**4**	100	211644	2,65
CXEFV45-12 24X4	45	**12**	300	**24**	600	**4**	100	211645	3,02
CXEFV45-12 30X4	45	**12**	300	**30**	750	**4**	100	211646	3,38
CXEFV45-12 36X4	45	**12**	300	**36**	900	**4**	100	211647	3,50
CXEFV-12 6X4	90	**12**	300	**6**	150	**4**	100	211648	3,85
CXEFV-12 9X4	90	**12**	300	**9**	225	**4**	100	211649	4,22
CXEFV-12 12X4	90	**12**	300	**12**	300	**4**	100	211650	4,58
CXEFV-12 18X4	90	**12**	300	**18**	450	**4**	100	211651	5,31
CXEFV-12 24X4	90	**12**	300	**24**	600	**4**	100	211652	6,04
CXEFV-12 30X4	90	**12**	300	**30**	750	**4**	100	211653	6,77
CXEFV-12 36X4	90	**12**	300	**36**	900	**4**	100	211654	7,01
CXEFV45-24 6X4	45	**24**	600	**6**	150	**4**	100	211655	2,21
CXEFV45-24 9X4	45	**24**	600	**9**	225	**4**	100	211656	2,42
CXEFV45-24 12X4	45	**24**	600	**12**	300	**4**	100	211657	2,63
CXEFV45-24 18X4	45	**24**	600	**18**	450	**4**	100	211658	3,05
CXEFV45-24 24X4	45	**24**	600	**24**	600	**4**	100	211659	3,47
CXEFV45-24 30X4	45	**24**	600	**30**	750	**4**	100	211660	3,89
CXEFV45-24 36X4	45	**24**	600	**36**	900	**4**	100	211661	4,03
CXEFV-24 6X4	90	**24**	600	**6**	150	**4**	100	211662	4,43
CXEFV-24 9X4	90	**24**	600	**9**	225	**4**	100	211663	4,85
CXEFV-24 12X4	90	**24**	600	**12**	300	**4**	100	211664	5,27
CXEFV-24 18X4	90	**24**	600	**18**	450	**4**	100	211665	6,10
CXEFV-24 24X4	90	**24**	600	**24**	600	**4**	100	211666	6,94
CXEFV-24 30X4	90	**24**	600	**30**	750	**4**	100	211667	7,78
CXEFV-24 36X4	90	**24**	600	**36**	900	**4**	100	211668	8,06
CXEFV45-36 6X4	45	**36**	900	**6**	150	**4**	100	211669	2,55
CXEFV45-36 9X4	45	**36**	900	**9**	225	**4**	100	211670	2,79
CXEFV45-36 12X4	45	**36**	900	**12**	300	**4**	100	211671	3,03
CXEFV45-36 18X4	45	**36**	900	**18**	450	**4**	100	211672	3,51
CXEFV45-36 24X4	45	**36**	900	**24**	600	**4**	100	211673	3,99
CXEFV45-36 30X4	45	**36**	900	**30**	750	**4**	100	211674	4,47
CXEFV45-36 36X4	45	**36**	900	**36**	900	**4**	100	211675	4,63
CXEFV-36 6X4	90	**36**	900	**6**	150	**4**	100	211676	5,09
CXEFV-36 9X4	90	**36**	900	**9**	225	**4**	100	211677	5,58
CXEFV-36 12X4	90	**36**	900	**12**	300	**4**	100	211678	6,06
CXEFV-36 18X4	90	**36**	900	**18**	450	**4**	100	211679	7,02
CXEFV-36 24X4	90	**36**	900	**24**	600	**4**	100	211680	7,98
CXEFV-36 30X4	90	**36**	900	**30**	750	**4**	100	211681	8,95
CXEFV-36 36X4	90	**36**	900	**36**	900	**4**	100	211682	9,27

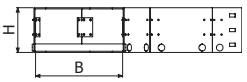


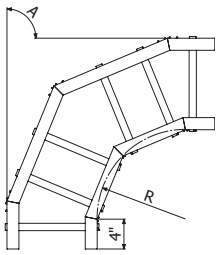
2 x JUEFV 4 (212069)

CPEFV H6



	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X6	45	**12**	300	**6**	150	**6**	150	211411	2,43
CPEFV45-12 9X6	45	**12**	300	**9**	225	**6**	150	211412	2,61
CPEFV45-12 12X6	45	**12**	300	**12**	300	**6**	150	211413	2,80
CPEFV45-12 18X6	45	**12**	300	**18**	450	**6**	150	211414	3,16
CPEFV45-12 24X6	45	**12**	300	**24**	600	**6**	150	211415	3,52
CPEFV45-12 30X6	45	**12**	300	**30**	750	**6**	150	211416	3,89
CPEFV45-12 36X6	45	**12**	300	**36**	900	**6**	150	211417	4,01
CPEFV-12 6X6	90	**12**	300	**6**	150	**6**	150	211418	3,71
CPEFV-12 9X6	90	**12**	300	**9**	225	**6**	150	211419	4,08
CPEFV-12 12X6	90	**12**	300	**12**	300	**6**	150	211420	4,44
CPEFV-12 18X6	90	**12**	300	**18**	450	**6**	150	211421	5,17
CPEFV-12 24X6	90	**12**	300	**24**	600	**6**	150	211422	5,90
CPEFV-12 30X6	90	**12**	300	**30**	750	**6**	150	211423	6,63
CPEFV-12 36X6	90	**12**	300	**36**	900	**6**	150	211424	7,36
CPEFV45-24 6X6	45	**24**	600	**6**	150	**6**	150	211425	3,00
CPEFV45-24 9X6	45	**24**	600	**9**	225	**6**	150	211426	3,21
CPEFV45-24 12X6	45	**24**	600	**12**	300	**6**	150	211427	3,63
CPEFV45-24 18X6	45	**24**	600	**18**	450	**6**	150	211428	4,05
CPEFV45-24 24X6	45	**24**	600	**24**	600	**6**	150	211429	4,47
CPEFV45-24 30X6	45	**24**	600	**30**	750	**6**	150	211430	4,61
CPEFV45-24 36X6	45	**24**	600	**36**	900	**6**	150	211431	4,27
CPEFV-24 6X6	90	**24**	600	**6**	150	**6**	150	211432	4,69
CPEFV-24 9X6	90	**24**	600	**9**	225	**6**	150	211433	5,11
CPEFV-24 12X6	90	**24**	600	**12**	300	**6**	150	211434	5,94
CPEFV-24 18X6	90	**24**	600	**18**	450	**6**	150	211435	6,78
CPEFV-24 24X6	90	**24**	600	**24**	600	**6**	150	211436	7,62
CPEFV-24 30X6	90	**24**	600	**30**	750	**6**	150	211437	8,46
CPEFV-24 36X6	90	**24**	600	**36**	900	**6**	150	211438	9,30
CPEFV45-36 6X6	45	**36**	900	**6**	150	**6**	150	211439	3,21
CPEFV45-36 9X6	45	**36**	900	**9**	225	**6**	150	211440	3,46
CPEFV45-36 12X6	45	**36**	900	**12**	300	**6**	150	211441	3,70
CPEFV45-36 18X6	45	**36**	900	**18**	450	**6**	150	211442	4,18
CPEFV45-36 24X6	45	**36**	900	**24**	600	**6**	150	211443	4,66
CPEFV45-36 30X6	45	**36**	900	**30**	750	**6**	150	211444	5,14
CPEFV45-36 36X6	45	**36**	900	**36**	900	**6**	150	211445	5,30
CPEFV-36 6X6	90	**36**	900	**6**	150	**6**	150	211446	4,91
CPEFV-36 9X6	90	**36**	900	**9**	225	**6**	150	211447	5,39
CPEFV-36 12X6	90	**36**	900	**12**	300	**6**	150	211448	5,87
CPEFV-36 18X6	90	**36**	900	**18**	450	**6**	150	211449	6,84
CPEFV-36 24X6	90	**36**	900	**24**	600	**6**	150	211450	7,80
CPEFV-36 30X6	90	**36**	900	**30**	750	**6**	150	211451	8,76
CPEFV-36 36X6	90	**36**	900	**36**	900	**6**	150	211452	9,72



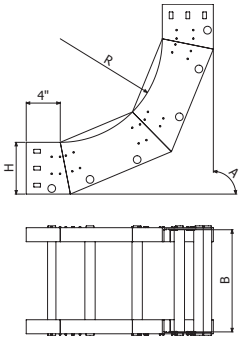


2 x JUEFV 6 (212070)

CCEFV H6

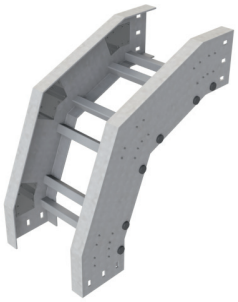


	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X6	45	**12**	300	**6**	150	**6**	150	211547	3,08
CCEFV45-12 9X6	45	**12**	300	**9**	225	**6**	150	211548	3,26
CCEFV45-12 12X6	45	**12**	300	**12**	300	**6**	150	211549	3,44
CCEFV45-12 18X6	45	**12**	300	**18**	450	**6**	150	211550	3,80
CCEFV45-12 24X6	45	**12**	300	**24**	600	**6**	150	211551	4,17
CCEFV45-12 30X6	45	**12**	300	**30**	750	**6**	150	211552	4,53
CCEFV45-12 36X6	45	**12**	300	**36**	900	**6**	150	211553	4,65
CCEFV-12 6X6	90	**12**	300	**6**	150	**6**	150	211554	5,00
CCEFV-12 9X6	90	**12**	300	**9**	225	**6**	150	211555	5,37
CCEFV-12 12X6	90	**12**	300	**12**	300	**6**	150	211556	5,73
CCEFV-12 18X6	90	**12**	300	**18**	450	**6**	150	211557	6,46
CCEFV-12 24X6	90	**12**	300	**24**	600	**6**	150	211558	7,19
CCEFV-12 30X6	90	**12**	300	**30**	750	**6**	150	211559	7,92
CCEFV-12 36X6	90	**12**	300	**36**	900	**6**	150	211560	8,65
CCEFV45-24 6X6	45	**24**	600	**6**	150	**6**	150	211561	3,75
CCEFV45-24 9X6	45	**24**	600	**9**	225	**6**	150	211562	3,96
CCEFV45-24 12X6	45	**24**	600	**12**	300	**6**	150	211563	4,37
CCEFV45-24 18X6	45	**24**	600	**18**	450	**6**	150	211564	4,79
CCEFV45-24 24X6	45	**24**	600	**24**	600	**6**	150	211565	5,21
CCEFV45-24 30X6	45	**24**	600	**30**	750	**6**	150	211566	5,35
CCEFV45-24 36X6	45	**24**	600	**36**	900	**6**	150	211567	5,75
CCEFV-24 6X6	90	**24**	600	**6**	150	**6**	150	211568	6,17
CCEFV-24 9X6	90	**24**	600	**9**	225	**6**	150	211569	6,59
CCEFV-24 12X6	90	**24**	600	**12**	300	**6**	150	211570	7,43
CCEFV-24 18X6	90	**24**	600	**18**	450	**6**	150	211571	8,27
CCEFV-24 24X6	90	**24**	600	**24**	600	**6**	150	211572	9,10
CCEFV-24 30X6	90	**24**	600	**30**	750	**6**	150	211573	9,93
CCEFV-24 36X6	90	**24**	600	**36**	900	**6**	150	211574	10,76
CCEFV45-36 6X6	45	**36**	900	**6**	150	**6**	150	211575	4,07
CCEFV45-36 9X6	45	**36**	900	**9**	225	**6**	150	211576	4,31
CCEFV45-36 12X6	45	**36**	900	**12**	300	**6**	150	211577	4,55
CCEFV45-36 18X6	45	**36**	900	**18**	450	**6**	150	211578	5,03
CCEFV45-36 24X6	45	**36**	900	**24**	600	**6**	150	211579	5,51
CCEFV45-36 30X6	45	**36**	900	**30**	750	**6**	150	211580	5,99
CCEFV45-36 36X6	45	**36**	900	**36**	900	**6**	150	211581	6,16
CCEFV-36 6X6	90	**36**	900	**6**	150	**6**	150	211582	6,61
CCEFV-36 9X6	90	**36**	900	**9**	225	**6**	150	211583	7,10
CCEFV-36 12X6	90	**36**	900	**12**	300	**6**	150	211584	7,58
CCEFV-36 18X6	90	**36**	900	**18**	450	**6**	150	211585	8,54
CCEFV-36 24X6	90	**36**	900	**24**	600	**6**	150	211586	9,50
CCEFV-36 30X6	90	**36**	900	**30**	750	**6**	150	211587	10,47
CCEFV-36 36X6	90	**36**	900	**36**	900	**6**	150	211588	11,44

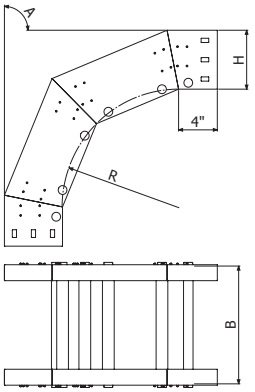


2 x JUEFV 6 (212070)

CXEFV H6

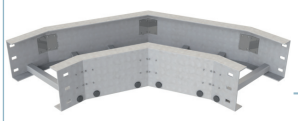


	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X6	45	**12**	300	**6**	150	**6**	150	211683	3,08
CXEFV45-12 9X6	45	**12**	300	**9**	225	**6**	150	211684	3,26
CXEFV45-12 12X6	45	**12**	300	**12**	300	**6**	150	211685	3,44
CXEFV45-12 18X6	45	**12**	300	**18**	450	**6**	150	211686	3,80
CXEFV45-12 24X6	45	**12**	300	**24**	600	**6**	150	211687	4,17
CXEFV45-12 30X6	45	**12**	300	**30**	750	**6**	150	211688	4,53
CXEFV45-12 36X6	45	**12**	300	**36**	900	**6**	150	211689	4,65
CXEFV-12 6X6	90	**12**	300	**6**	150	**6**	150	211690	5,00
CXEFV-12 9X6	90	**12**	300	**9**	225	**6**	150	211691	5,37
CXEFV-12 12X6	90	**12**	300	**12**	300	**6**	150	211692	5,73
CXEFV-12 18X6	90	**12**	300	**18**	450	**6**	150	211693	6,46
CXEFV-12 24X6	90	**12**	300	**24**	600	**6**	150	211694	7,19
CXEFV-12 30X6	90	**12**	300	**30**	750	**6**	150	211695	7,92
CXEFV-12 36X6	90	**12**	300	**36**	900	**6**	150	211696	8,65
CXEFV45-24 6X6	45	**24**	600	**6**	150	**6**	150	211697	3,75
CXEFV45-24 9X6	45	**24**	600	**9**	225	**6**	150	211698	3,96
CXEFV45-24 12X6	45	**24**	600	**12**	300	**6**	150	211699	4,37
CXEFV45-24 18X6	45	**24**	600	**18**	450	**6**	150	211700	4,79
CXEFV45-24 24X6	45	**24**	600	**24**	600	**6**	150	211701	5,21
CXEFV45-24 30X6	45	**24**	600	**30**	750	**6**	150	211702	5,35
CXEFV45-24 36X6	45	**24**	600	**36**	900	**6**	150	211703	5,75
CXEFV-24 6X6	90	**24**	600	**6**	150	**6**	150	211704	6,17
CXEFV-24 9X6	90	**24**	600	**9**	225	**6**	150	211705	6,59
CXEFV-24 12X6	90	**24**	600	**12**	300	**6**	150	211706	7,43
CXEFV-24 18X6	90	**24**	600	**18**	450	**6**	150	211707	8,27
CXEFV-24 24X6	90	**24**	600	**24**	600	**6**	150	211708	9,10
CXEFV-24 30X6	90	**24**	600	**30**	750	**6**	150	211709	9,93
CXEFV-24 36X6	90	**24**	600	**36**	900	**6**	150	211710	10,76
CXEFV45-36 6X6	45	**36**	900	**6**	150	**6**	150	211711	4,07
CXEFV45-36 9X6	45	**36**	900	**9**	225	**6**	150	211712	4,31
CXEFV45-36 12X6	45	**36**	900	**12**	300	**6**	150	211713	4,55
CXEFV45-36 18X6	45	**36**	900	**18**	450	**6**	150	211714	5,03
CXEFV45-36 24X6	45	**36**	900	**24**	600	**6**	150	211715	5,51
CXEFV45-36 30X6	45	**36**	900	**30**	750	**6**	150	211716	5,99
CXEFV45-36 36X6	45	**36**	900	**36**	900	**6**	150	211717	6,16
CXEFV-36 6X6	90	**36**	900	**6**	150	**6**	150	211718	6,61
CXEFV-36 9X6	90	**36**	900	**9**	225	**6**	150	211719	7,10
CXEFV-36 12X6	90	**36**	900	**12**	300	**6**	150	211720	7,58
CXEFV-36 18X6	90	**36**	900	**18**	450	**6**	150	211721	8,54
CXEFV-36 24X6	90	**36**	900	**24**	600	**6**	150	211722	9,50
CXEFV-36 30X6	90	**36**	900	**30**	750	**6**	150	211723	10,47
CXEFV-36 36X6	90	**36**	900	**36**	900	**6**	150	211724	11,44

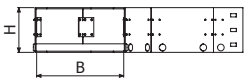


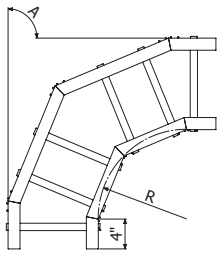
2 x JUEFV 6 (212070)

CPEFV H8



	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X8	45	**12**	300	**6**	150	**8**	200	211453	3,76
CPEFV45-12 9X8	45	**12**	300	**9**	225	**8**	200	211454	3,94
CPEFV45-12 12X8	45	**12**	300	**12**	300	**8**	200	211455	4,13
CPEFV45-12 18X8	45	**12**	300	**18**	450	**8**	200	211456	4,49
CPEFV45-12 24X8	45	**12**	300	**24**	600	**8**	200	211457	4,85
CPEFV45-12 30X8	45	**12**	300	**30**	750	**8**	200	211458	5,22
CPEFV45-12 36X8	45	**12**	300	**36**	900	**8**	200	211459	5,34
CPEFV-12 6X8	90	**12**	300	**6**	150	**8**	200	211460	5,04
CPEFV-12 9X8	90	**12**	300	**9**	225	**8**	200	211461	5,41
CPEFV-12 12X8	90	**12**	300	**12**	300	**8**	200	211462	5,77
CPEFV-12 18X8	90	**12**	300	**18**	450	**8**	200	211463	6,50
CPEFV-12 24X8	90	**12**	300	**24**	600	**8**	200	211464	7,23
CPEFV-12 30X8	90	**12**	300	**30**	750	**8**	200	211465	7,96
CPEFV-12 36X8	90	**12**	300	**36**	900	**8**	200	211466	8,69
CPEFV45-24 6X8	45	**24**	600	**6**	150	**8**	200	211467	4,32
CPEFV45-24 9X8	45	**24**	600	**9**	225	**8**	200	211468	4,53
CPEFV45-24 12X8	45	**24**	600	**12**	300	**8**	200	211469	4,74
CPEFV45-24 18X8	45	**24**	600	**18**	450	**8**	200	211470	5,16
CPEFV45-24 24X8	45	**24**	600	**24**	600	**8**	200	211471	5,58
CPEFV45-24 30X8	45	**24**	600	**30**	750	**8**	200	211472	6,00
CPEFV45-24 36X8	45	**24**	600	**36**	900	**8**	200	211473	6,14
CPEFV-24 6X8	90	**24**	600	**6**	150	**8**	200	211474	5,80
CPEFV-24 9X8	90	**24**	600	**9**	225	**8**	200	211475	6,22
CPEFV-24 12X8	90	**24**	600	**12**	300	**8**	200	211476	6,64
CPEFV-24 18X8	90	**24**	600	**18**	450	**8**	200	211477	7,47
CPEFV-24 24X8	90	**24**	600	**24**	600	**8**	200	211478	8,31
CPEFV-24 30X8	90	**24**	600	**30**	750	**8**	200	211479	9,15
CPEFV-24 36X8	90	**24**	600	**36**	900	**8**	200	211480	9,99
CPEFV45-36 6X8	45	**36**	900	**6**	150	**8**	200	211481	4,97
CPEFV45-36 9X8	45	**36**	900	**9**	225	**8**	200	211482	5,21
CPEFV45-36 12X8	45	**36**	900	**12**	300	**8**	200	211483	5,46
CPEFV45-36 18X8	45	**36**	900	**18**	450	**8**	200	211484	5,94
CPEFV45-36 24X8	45	**36**	900	**24**	600	**8**	200	211485	6,42
CPEFV45-36 30X8	45	**36**	900	**30**	750	**8**	200	211486	6,90
CPEFV45-36 36X8	45	**36**	900	**36**	900	**8**	200	211487	7,06
CPEFV-36 6X8	90	**36**	900	**6**	150	**8**	200	211488	6,67
CPEFV-36 9X8	90	**36**	900	**9**	225	**8**	200	211489	7,15
CPEFV-36 12X8	90	**36**	900	**12**	300	**8**	200	211490	7,63
CPEFV-36 18X8	90	**36**	900	**18**	450	**8**	200	211491	8,59
CPEFV-36 24X8	90	**36**	900	**24**	600	**8**	200	211492	9,56
CPEFV-36 30X8	90	**36**	900	**30**	750	**8**	200	211493	10,52
CPEFV-36 36X8	90	**36**	900	**36**	900	**8**	200	211494	11,48



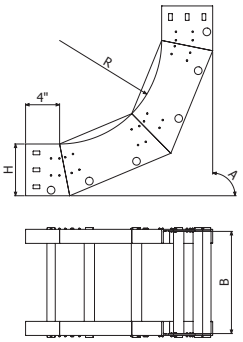


2 x JUEFV 8 (212071)

CCEFV H8

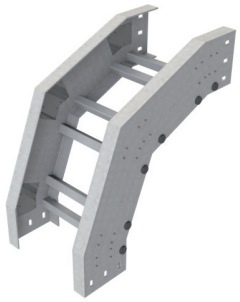


	A (°)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X8	45	**12**	300	**6**	150	**8**	200	211589	4,41
CCEFV45-12 9X8	45	**12**	300	**9**	225	**8**	200	211590	4,59
CCEFV45-12 12X8	45	**12**	300	**12**	300	**8**	200	211591	4,77
CCEFV45-12 18X8	45	**12**	300	**18**	450	**8**	200	211592	5,13
CCEFV45-12 24X8	45	**12**	300	**24**	600	**8**	200	211593	5,50
CCEFV45-12 30X8	45	**12**	300	**30**	750	**8**	200	211594	5,86
CCEFV45-12 36X8	45	**12**	300	**36**	900	**8**	200	211595	5,98
CCEFV-12 6X8	90	**12**	300	**6**	150	**8**	200	211596	6,33
CCEFV-12 9X8	90	**12**	300	**9**	225	**8**	200	211597	6,70
CCEFV-12 12X8	90	**12**	300	**12**	300	**8**	200	211598	7,06
CCEFV-12 18X8	90	**12**	300	**18**	450	**8**	200	211599	7,79
CCEFV-12 24X8	90	**12**	300	**24**	600	**8**	200	211600	8,52
CCEFV-12 30X8	90	**12**	300	**30**	750	**8**	200	211601	9,25
CCEFV-12 36X8	90	**12**	300	**36**	900	**8**	200	211602	9,98
CCEFV45-24 6X8	45	**24**	600	**6**	150	**8**	200	211603	5,07
CCEFV45-24 9X8	45	**24**	600	**9**	225	**8**	200	211604	5,28
CCEFV45-24 12X8	45	**24**	600	**12**	300	**8**	200	211605	5,49
CCEFV45-24 18X8	45	**24**	600	**18**	450	**8**	200	211606	5,90
CCEFV45-24 24X8	45	**24**	600	**24**	600	**8**	200	211607	6,32
CCEFV45-24 30X8	45	**24**	600	**30**	750	**8**	200	211608	6,74
CCEFV45-24 36X8	45	**24**	600	**36**	900	**8**	200	211609	6,88
CCEFV-24 6X8	90	**24**	600	**6**	150	**8**	200	211610	7,28
CCEFV-24 9X8	90	**24**	600	**9**	225	**8**	200	211611	7,70
CCEFV-24 12X8	90	**24**	600	**12**	300	**8**	200	211612	8,12
CCEFV-24 18X8	90	**24**	600	**18**	450	**8**	200	211613	8,96
CCEFV-24 24X8	90	**24**	600	**24**	600	**8**	200	211614	9,79
CCEFV-24 30X8	90	**24**	600	**30**	750	**8**	200	211615	10,63
CCEFV-24 36X8	90	**24**	600	**36**	900	**8**	200	211616	11,74
CCEFV45-36 6X8	45	**36**	900	**6**	150	**8**	200	211617	5,83
CCEFV45-36 9X8	45	**36**	900	**9**	225	**8**	200	211618	6,07
CCEFV45-36 12X8	45	**36**	900	**12**	300	**8**	200	211619	6,31
CCEFV45-36 18X8	45	**36**	900	**18**	450	**8**	200	211620	6,79
CCEFV45-36 24X8	45	**36**	900	**24**	600	**8**	200	211621	7,27
CCEFV45-36 30X8	45	**36**	900	**30**	750	**8**	200	211622	7,75
CCEFV45-36 36X8	45	**36**	900	**36**	900	**8**	200	211623	7,91
CCEFV-36 6X8	90	**36**	900	**6**	150	**8**	200	211624	8,37
CCEFV-36 9X8	90	**36**	900	**9**	225	**8**	200	211625	8,86
CCEFV-36 12X8	90	**36**	900	**12**	300	**8**	200	211626	9,34
CCEFV-36 18X8	90	**36**	900	**18**	450	**8**	200	211627	10,30
CCEFV-36 24X8	90	**36**	900	**24**	600	**8**	200	211628	11,26
CCEFV-36 30X8	90	**36**	900	**30**	750	**8**	200	211629	12,23
CCEFV-36 36X8	90	**36**	900	**36**	900	**8**	200	211630	13,20

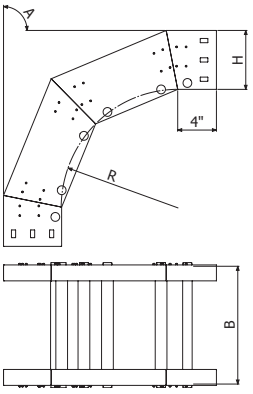


2 x JUEFV 8 (212071)

CXEFV H8



	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X8	45	**12**	300	**6**	150	**8**	200	211725	4,41
CXEFV45-12 9X8	45	**12**	300	**9**	225	**8**	200	211726	4,59
CXEFV45-12 12X8	45	**12**	300	**12**	300	**8**	200	211727	4,77
CXEFV45-12 18X8	45	**12**	300	**18**	450	**8**	200	211728	5,13
CXEFV45-12 24X8	45	**12**	300	**24**	600	**8**	200	211729	5,50
CXEFV45-12 30X8	45	**12**	300	**30**	750	**8**	200	211730	5,86
CXEFV45-12 36X8	45	**12**	300	**36**	900	**8**	200	211731	5,98
CXEFV-12 6X8	90	**12**	300	**6**	150	**8**	200	211732	6,33
CXEFV-12 9X8	90	**12**	300	**9**	225	**8**	200	211733	6,70
CXEFV-12 12X8	90	**12**	300	**12**	300	**8**	200	211734	7,06
CXEFV-12 18X8	90	**12**	300	**18**	450	**8**	200	211735	7,79
CXEFV-12 24X8	90	**12**	300	**24**	600	**8**	200	211736	8,52
CXEFV-12 30X8	90	**12**	300	**30**	750	**8**	200	211737	9,25
CXEFV-12 36X8	90	**12**	300	**36**	900	**8**	200	211738	9,98
CXEFV45-24 6X8	45	**24**	600	**6**	150	**8**	200	211739	5,07
CXEFV45-24 9X8	45	**24**	600	**9**	225	**8**	200	211740	5,28
CXEFV45-24 12X8	45	**24**	600	**12**	300	**8**	200	211741	5,49
CXEFV45-24 18X8	45	**24**	600	**18**	450	**8**	200	211742	5,90
CXEFV45-24 24X8	45	**24**	600	**24**	600	**8**	200	211743	6,32
CXEFV45-24 30X8	45	**24**	600	**30**	750	**8**	200	211744	6,74
CXEFV45-24 36X8	45	**24**	600	**36**	900	**8**	200	211745	6,88
CXEFV-24 6X8	90	**24**	600	**6**	150	**8**	200	211746	7,28
CXEFV-24 9X8	90	**24**	600	**9**	225	**8**	200	211747	7,70
CXEFV-24 12X8	90	**24**	600	**12**	300	**8**	200	211748	8,12
CXEFV-24 18X8	90	**24**	600	**18**	450	**8**	200	211749	8,96
CXEFV-24 24X8	90	**24**	600	**24**	600	**8**	200	211750	9,79
CXEFV-24 30X8	90	**24**	600	**30**	750	**8**	200	211751	10,63
CXEFV-24 36X8	90	**24**	600	**36**	900	**8**	200	211752	11,47
CXEFV45-36 6X8	45	**36**	900	**6**	150	**8**	200	211753	5,83
CXEFV45-36 9X8	45	**36**	900	**9**	225	**8**	200	211754	6,07
CXEFV45-36 12X8	45	**36**	900	**12**	300	**8**	200	211755	6,31
CXEFV45-36 18X8	45	**36**	900	**18**	450	**8**	200	211756	6,79
CXEFV45-36 24X8	45	**36**	900	**24**	600	**8**	200	211757	7,27
CXEFV45-36 30X8	45	**36**	900	**30**	750	**8**	200	211758	7,75
CXEFV45-36 36X8	45	**36**	900	**36**	900	**8**	200	211759	7,91
CXEFV-36 6X8	90	**36**	900	**6**	150	**8**	200	211760	8,37
CXEFV-36 9X8	90	**36**	900	**9**	225	**8**	200	211761	8,86
CXEFV-36 12X8	90	**36**	900	**12**	300	**8**	200	211762	9,34
CXEFV-36 18X8	90	**36**	900	**18**	450	**8**	200	211763	10,30
CXEFV-36 24X8	90	**36**	900	**24**	600	**8**	200	211764	11,26
CXEFV-36 30X8	90	**36**	900	**30**	750	**8**	200	211765	12,23
CXEFV-36 36X8	90	**36**	900	**36**	900	**8**	200	211766	13,20

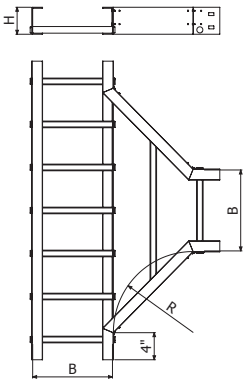


2 x JUEFV 8 (212071)

TEEFV H3, H4

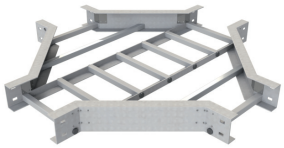


	R		B		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
TEEFV-12 6X3	**12**	300	**6**	150	**3**	75	211767	5,58
TEEFV-12 9X3	**12**	300	**9**	225	**3**	75	211768	6,06
TEEFV-12 12X3	**12**	300	**12**	300	**3**	75	211769	6,55
TEEFV-12 18X3	**12**	300	**18**	450	**3**	75	211770	7,52
TEEFV-12 24X3	**12**	300	**24**	600	**3**	75	211771	8,49
TEEFV-12 6X4	**12**	300	**6**	150	**4**	100	211772	6,33
TEEFV-12 9X4	**12**	300	**9**	225	**4**	100	211773	6,81
TEEFV-12 12X4	**12**	300	**12**	300	**4**	100	211774	7,30
TEEFV-12 18X4	**12**	300	**18**	450	**4**	100	211775	8,27
TEEFV-12 24X4	**12**	300	**24**	600	**4**	100	211776	9,24
TEEFV-12 30X4	**12**	300	**30**	750	**4**	100	211777	10,21
TEEFV-12 36X4	**12**	300	**36**	900	**4**	100	211778	10,54
TEEFV-24 6X4	**24**	600	**6**	150	**4**	100	211779	7,28
TEEFV-24 9X4	**24**	600	**9**	225	**4**	100	211780	7,84
TEEFV-24 12X4	**24**	600	**12**	300	**4**	100	211781	8,40
TEEFV-24 18X4	**24**	600	**18**	450	**4**	100	211782	9,51
TEEFV-24 24X4	**24**	600	**24**	600	**4**	100	211783	10,63
TEEFV-24 30X4	**24**	600	**30**	750	**4**	100	211784	11,75
TEEFV-24 36X4	**24**	600	**36**	900	**4**	100	211785	12,12
TEEFV-36 6X4	**36**	900	**6**	150	**4**	100	211786	8,37
TEEFV-36 9X4	**36**	900	**9**	225	**4**	100	211787	9,01
TEEFV-36 12X4	**36**	900	**12**	300	**4**	100	211788	9,65
TEEFV-36 18X4	**36**	900	**18**	450	**4**	100	211789	10,94
TEEFV-36 24X4	**36**	900	**24**	600	**4**	100	211790	12,22
TEEFV-36 30X4	**36**	900	**30**	750	**4**	100	211791	13,51
TEEFV-36 36X4	**36**	900	**36**	900	**4**	100	211792	13,94

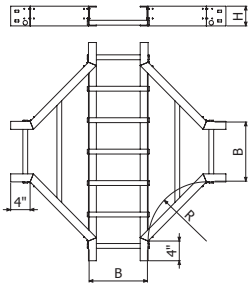


2 x JUEFV H3 (212068)
2 x JUEFV H4 (212069)

CREFV H3, H4



	R		B		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
CREFV-12 6X3	**12**	300	**6**	150	**3**	75	211838	6,69
CREFV-12 9X3	**12**	300	**9**	225	**3**	75	211839	7,48
CREFV-12 12X3	**12**	300	**12**	300	**3**	75	211840	8,27
CREFV-12 18X3	**12**	300	**18**	450	**3**	75	211841	9,85
CREFV-12 24X3	**12**	300	**24**	600	**3**	75	211842	11,43
CREFV-12 6X4	**12**	300	**6**	150	**4**	100	211843	7,64
CREFV-12 9X4	**12**	300	**9**	225	**4**	100	211844	8,43
CREFV-12 12X4	**12**	300	**12**	300	**4**	100	211845	9,22
CREFV-12 18X4	**12**	300	**18**	450	**4**	100	211846	10,80
CREFV-12 24X4	**12**	300	**24**	600	**4**	100	211847	12,38
CREFV-12 30X4	**12**	300	**30**	750	**4**	100	211848	13,96
CREFV-12 36X4	**12**	300	**36**	900	**4**	100	211849	14,48
CREFV-24 6X4	**24**	600	**6**	150	**4**	100	211850	8,79
CREFV-24 9X4	**24**	600	**9**	225	**4**	100	211851	9,70
CREFV-24 12X4	**24**	600	**12**	300	**4**	100	211852	10,60
CREFV-24 18X4	**24**	600	**18**	450	**4**	100	211853	12,42
CREFV-24 24X4	**24**	600	**24**	600	**4**	100	211854	14,23
CREFV-24 30X4	**24**	600	**30**	750	**4**	100	211855	16,05
CREFV-24 36X4	**24**	600	**36**	900	**4**	100	211856	16,65
CREFV-36 6X4	**36**	900	**6**	150	**4**	100	211857	10,11
CREFV-36 9X4	**36**	900	**9**	225	**4**	100	211858	11,15
CREFV-36 12X4	**36**	900	**12**	300	**4**	100	211859	12,19
CREFV-36 18X4	**36**	900	**18**	450	**4**	100	211860	14,28
CREFV-36 24X4	**36**	900	**24**	600	**4**	100	211861	16,37
CREFV-36 30X4	**36**	900	**30**	750	**4**	100	211862	18,46
CREFV-36 36X4	**36**	900	**36**	900	**4**	100	211863	19,15



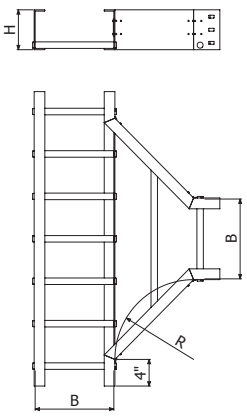
2 x JUEFV H3 (212068)
2 x JUEFV H4 (212069)

TEEFV H6, H8



TEEFV'A'-'R' 'B'x"H'

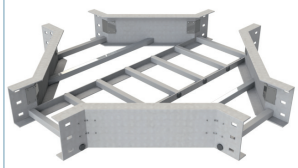
	R		B		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
TEEFV-12 6X6	**12**	300	**6**	150	**6**	150	211793	7,83
TEEFV-12 9X6	**12**	300	**9**	225	**6**	150	211794	8,31
TEEFV-12 12X6	**12**	300	**12**	300	**6**	150	211795	8,80
TEEFV-12 18X6	**12**	300	**18**	450	**6**	150	211796	9,77
TEEFV-12 24X6	**12**	300	**24**	600	**6**	150	211797	10,74
TEEFV-12 30X6	**12**	300	**30**	750	**6**	150	211798	11,71
TEEFV-12 36X6	**12**	300	**36**	900	**6**	150	211799	12,04
TEEFV-24 6X6	**24**	600	**6**	150	**6**	150	211800	8,78
TEEFV-24 9X6	**24**	600	**9**	225	**6**	150	211801	9,34
TEEFV-24 12X6	**24**	600	**12**	300	**6**	150	211802	9,90
TEEFV-24 18X6	**24**	600	**18**	450	**6**	150	211806	11,01
TEEFV-24 24X6	**24**	600	**24**	600	**6**	150	211807	12,13
TEEFV-24 30X6	**24**	600	**30**	750	**6**	150	211808	13,25
TEEFV-24 36X6	**24**	600	**36**	900	**6**	150	211809	13,62
TEEFV-36 6X6	**36**	900	**6**	150	**6**	150	211810	9,87
TEEFV-36 9X6	**36**	900	**9**	225	**6**	150	211811	10,51
TEEFV-36 12X6	**36**	900	**12**	300	**6**	150	211812	11,15
TEEFV-36 18X6	**36**	900	**18**	450	**6**	150	211813	12,44
TEEFV-36 24X6	**36**	900	**24**	600	**6**	150	211814	13,72
TEEFV-36 30X6	**36**	900	**30**	750	**6**	150	211815	15,01
TEEFV-36 36X6	**36**	900	**36**	900	**6**	150	211816	15,44
TEEFV-12 6X8	**12**	300	**6**	150	**8**	200	211817	9,33
TEEFV-12 9X8	**12**	300	**9**	225	**8**	200	211818	9,81
TEEFV-12 12X8	**12**	300	**12**	300	**8**	200	211819	10,30
TEEFV-12 18X8	**12**	300	**18**	450	**8**	200	211820	11,27
TEEFV-12 24X8	**12**	300	**24**	600	**8**	200	211821	12,24
TEEFV-12 30X8	**12**	300	**30**	750	**8**	200	211822	13,21
TEEFV-12 36X8	**12**	300	**36**	900	**8**	200	211823	13,54
TEEFV-24 6X8	**24**	600	**6**	150	**8**	200	211824	10,28
TEEFV-24 9X8	**24**	600	**9**	225	**8**	200	211825	10,84
TEEFV-24 12X8	**24**	600	**12**	300	**8**	200	211826	11,40
TEEFV-24 18X8	**24**	600	**18**	450	**8**	200	211827	12,51
TEEFV-24 24X8	**24**	600	**24**	600	**8**	200	211828	13,63
TEEFV-24 30X8	**24**	600	**30**	750	**8**	200	211829	14,75
TEEFV-24 36X8	**24**	600	**36**	900	**8**	200	211830	15,12
TEEFV-36 6X8	**36**	900	**6**	150	**8**	200	211831	11,37
TEEFV-36 9X8	**36**	900	**9**	225	**8**	200	211832	12,01
TEEFV-36 12X8	**36**	900	**12**	300	**8**	200	211833	12,65
TEEFV-36 18X8	**36**	900	**18**	450	**8**	200	211834	13,94
TEEFV-36 24X8	**36**	900	**24**	600	**8**	200	211835	15,22
TEEFV-36 30X8	**36**	900	**30**	750	**8**	200	211836	16,51
TEEFV-36 36X8	**36**	900	**36**	900	**8**	200	211837	16,94



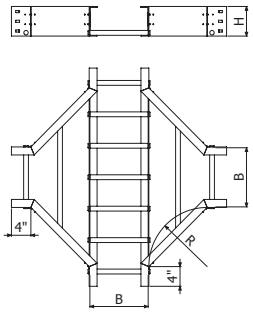
TEEFV'A'-'R' 'B'x"H'

2 x JUEFV H6 (212070)
2 x JUEFV H8 (212071)

CREFV H6, H8

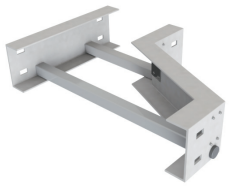


	R		B		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
CREFV-12 6X6	12	300	6	150	6	150	211864	9,14
CREFV-12 9X6	12	300	9	225	6	150	211865	9,93
CREFV-12 12X6	12	300	12	300	6	150	211866	10,72
CREFV-12 18X6	12	300	18	450	6	150	211867	12,30
CREFV-12 24X6	12	300	24	600	6	150	211868	13,88
CREFV-12 30X6	12	300	30	750	6	150	211869	15,46
CREFV-12 36X6	12	300	36	900	6	150	211870	15,98
CREFV-24 6X6	24	600	6	150	6	150	211871	10,29
CREFV-24 9X6	24	600	9	225	6	150	211872	11,20
CREFV-24 12X6	24	600	12	300	6	150	211873	12,10
CREFV-24 18X6	24	600	18	450	6	150	211874	13,92
CREFV-24 24X6	24	600	24	600	6	150	211875	15,73
CREFV-24 30X6	24	600	30	750	6	150	211876	17,55
CREFV-24 36X6	24	600	36	900	6	150	211877	18,15
CREFV-36 6X6	36	900	6	150	6	150	211878	11,61
CREFV-36 9X6	36	900	9	225	6	150	211879	12,65
CREFV-36 12X6	36	900	12	300	6	150	211880	13,69
CREFV-36 18X6	36	900	18	450	6	150	211881	15,78
CREFV-36 24X6	36	900	24	600	6	150	211882	17,87
CREFV-36 30X6	36	900	30	750	6	150	211883	19,96
CREFV-36 36X6	36	900	36	900	6	150	211884	20,65
CREFV-12 6X8	12	300	6	150	8	200	211885	10,64
CREFV-12 9X8	12	300	9	225	8	200	211886	11,43
CREFV-12 12X8	12	300	12	300	8	200	211887	12,22
CREFV-12 18X8	12	300	18	450	8	200	211888	13,80
CREFV-12 24X8	12	300	24	600	8	200	211889	15,38
CREFV-12 30X8	12	300	30	750	8	200	211890	16,96
CREFV-12 36X8	12	300	36	900	8	200	211891	17,48
CREFV-24 6X8	24	600	6	150	8	200	211892	11,79
CREFV-24 9X8	24	600	9	225	8	200	211893	12,70
CREFV-24 12X8	24	600	12	300	8	200	211894	13,60
CREFV-24 18X8	24	600	18	450	8	200	211895	15,42
CREFV-24 24X8	24	600	24	600	8	200	211896	17,23
CREFV-24 30X8	24	600	30	750	8	200	211897	19,05
CREFV-24 36X8	24	600	36	900	8	200	211898	19,65
CREFV-36 6X8	36	900	6	150	8	200	211899	13,11
CREFV-36 9X8	36	900	9	225	8	200	211900	14,15
CREFV-36 12X8	36	900	12	300	8	200	211901	15,19
CREFV-36 18X8	36	900	18	450	8	200	211902	17,28
CREFV-36 24X8	36	900	24	600	8	200	211903	19,37
CREFV-36 30X8	36	900	30	750	8	200	211904	21,46
CREFV-36 36X8	36	900	36	900	8	200	211905	22,15

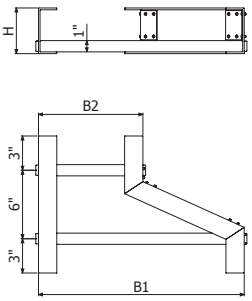


2 x JUEFV H6 (212070)
2 x JUEFV H8 (212071)

RIEFV H3, H4

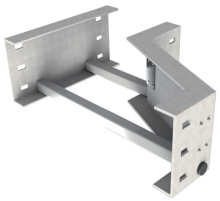


	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RIEFV 9/6X3	9	225	6	100	3	75	211906	1,45
RIEFV 12/9X3	12	300	9	225	3	75	211907	1,57
RIEFV 12/6X3	12	300	6	100	3	75	211908	1,51
RIEFV 18/12X3	18	450	12	300	3	75	211909	1,76
RIEFV 18/9X3	18	450	9	225	3	75	211910	1,70
RIEFV 18/6X3	18	450	6	100	3	75	211911	1,64
RIEFV 24/18X3	24	600	18	450	3	75	211912	2,00
RIEFV 24/12X3	24	600	12	300	3	75	211913	1,88
RIEFV 24/9X3	24	600	9	225	3	75	211914	1,82
RIEFV 9/6X4	9	225	6	100	4	100	211915	1,70
RIEFV 12/9X4	12	300	9	225	4	100	211916	1,82
RIEFV 12/6X4	12	300	6	100	4	100	211917	1,76
RIEFV 18/12X4	18	450	12	300	4	100	211918	2,01
RIEFV 18/9X4	18	450	9	225	4	100	211919	1,95
RIEFV 18/6X4	18	450	6	100	4	100	211920	1,89
RIEFV 24/18X4	24	600	18	450	4	100	211921	2,25
RIEFV 24/12X4	24	600	12	300	4	100	211922	2,13
RIEFV 24/9X4	24	600	9	225	4	100	211923	2,07
RIEFV 30/24X4	30	750	24	600	4	100	211924	2,49
RIEFV 30/18X4	30	750	18	450	4	100	211925	2,37
RIEFV 30/12X4	30	750	12	300	4	100	211926	2,25
RIEFV 36/30X4	36	900	30	750	4	100	211927	2,65
RIEFV 36/24X4	36	900	24	600	4	100	211928	2,53
RIEFV 36/18X4	36	900	18	450	4	100	211929	2,41

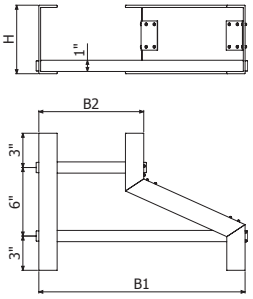


2 x JUEFV 3 (212068)
2 x JUEFV 4 (212069)

RIEFV H6, H8



	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RIEFV 9/6X6	9	225	6	100	6	150	211930	2,20
RIEFV 12/9X6	12	300	9	225	6	150	211931	2,32
RIEFV 12/6X6	12	300	6	100	6	150	211932	2,26
RIEFV 18/12X6	18	450	12	300	6	150	211933	2,51
RIEFV 18/9X6	18	450	9	225	6	150	211934	2,45
RIEFV 18/6X6	18	450	6	100	6	150	211935	2,39
RIEFV 24/18X6	24	600	18	450	6	150	211936	2,75
RIEFV 24/12X6	24	600	12	300	6	150	211937	2,63
RIEFV 24/9X6	24	600	9	225	6	150	211938	2,57
RIEFV 30/24X6	30	750	24	600	6	150	211939	2,99
RIEFV 30/18X6	30	750	18	450	6	150	211940	2,87
RIEFV 30/12X6	30	750	12	300	6	150	211941	2,75
RIEFV 36/30X6	36	900	30	750	6	150	211942	3,15
RIEFV 36/24X6	36	900	24	600	6	150	211943	3,03
RIEFV 36/18X6	36	900	18	450	6	150	211944	2,91
RIEFV 9/6X8	9	225	6	100	8	200	211945	2,70
RIEFV 12/9X8	12	300	9	225	8	200	211946	2,82
RIEFV 12/6X8	12	300	6	100	8	200	211947	2,76
RIEFV 18/12X8	18	450	12	300	8	200	211948	3,01
RIEFV 18/9X8	18	450	9	225	8	200	211949	2,95
RIEFV 18/6X8	18	450	6	100	8	200	211950	2,89
RIEFV 24/18X8	24	600	18	450	8	200	211951	3,25
RIEFV 24/12X8	24	600	12	300	8	200	211952	3,13
RIEFV 24/9X8	24	600	9	225	8	200	211953	3,07
RIEFV 30/24X8	30	750	24	600	8	200	211954	3,49
RIEFV 30/18X8	30	750	18	450	8	200	211955	3,37
RIEFV 30/12X8	30	750	12	300	8	200	211956	3,25
RIEFV 36/30X8	36	900	30	750	8	200	211957	3,65
RIEFV 36/24X8	36	900	24	600	8	200	211958	3,53
RIEFV 36/18X8	36	900	18	450	8	200	211959	3,41

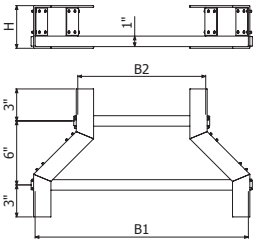


2 x JUEFV 6 (212070)
2 x JUEFV 8 (212071)

RCEFV H3, H4



	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RCEFV 9/6X3	9	225	6	100	3	75	211960	1,61
RCEFV 12/9X3	12	300	9	225	3	75	211961	1,73
RCEFV 12/6X3	12	300	6	100	3	75	211962	1,67
RCEFV 18/12X3	18	450	12	300	3	75	211963	1,92
RCEFV 18/9X3	18	450	9	225	3	75	211964	1,86
RCEFV 18/6X3	18	450	6	100	3	75	211965	1,80
RCEFV 24/18X3	24	600	18	450	3	75	211966	2,16
RCEFV 24/12X3	24	600	12	300	3	75	211967	2,04
RCEFV 24/9X3	24	600	9	225	3	75	211968	1,98
RCEFV 9/6X4	9	225	6	100	4	100	211969	1,86
RCEFV 12/9X4	12	300	9	225	4	100	211970	1,98
RCEFV 12/6X4	12	300	6	100	4	100	211971	1,92
RCEFV 18/12X4	18	450	12	300	4	100	211972	2,17
RCEFV 18/9X4	18	450	9	225	4	100	211973	2,11
RCEFV 18/6X4	18	450	6	100	4	100	211974	2,05
RCEFV 24/18X4	24	600	18	450	4	100	211975	2,41
RCEFV 24/12X4	24	600	12	300	4	100	211976	2,29
RCEFV 24/9X4	24	600	9	225	4	100	211977	2,23
RCEFV 30/24X4	30	750	24	600	4	100	211978	2,65
RCEFV 30/18X4	30	750	18	450	4	100	211979	2,53
RCEFV 30/12X4	30	750	12	300	4	100	211980	2,41
RCEFV 36/30X4	36	900	30	750	4	100	211981	2,81
RCEFV 36/24X4	36	900	24	600	4	100	211982	2,69
RCEFV 36/18X4	36	900	18	450	4	100	211983	2,57

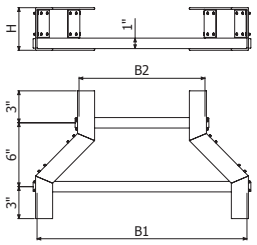


2 x JUEFV 3 (212068)
2 x JUEFV 4 (212069)

RCEFV H6, H8

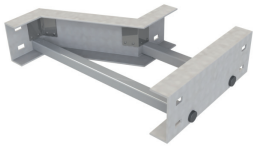


	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RCEFV 9/6X6	9	225	6	100	6	150	211984	2,36
RCEFV 12/9X6	12	300	9	225	6	150	211985	2,48
RCEFV 12/6X6	12	300	6	100	6	150	211986	2,42
RCEFV 18/12X6	18	450	12	300	6	150	211987	2,67
RCEFV 18/9X6	18	450	9	225	6	150	211988	2,61
RCEFV 18/6X6	18	450	6	100	6	150	211989	2,55
RCEFV 24/18X6	24	600	18	450	6	150	211990	2,91
RCEFV 24/12X6	24	600	12	300	6	150	211991	2,79
RCEFV 24/9X6	24	600	9	225	6	150	211992	2,73
RCEFV 30/24X6	30	750	24	600	6	150	211993	3,15
RCEFV 30/18X6	30	750	18	450	6	150	211994	3,03
RCEFV 30/12X6	30	750	12	300	6	150	211995	2,91
RCEFV 36/30X6	36	900	30	750	6	150	211996	3,31
RCEFV 36/24X6	36	900	24	600	6	150	211997	3,19
RCEFV 36/18X6	36	900	18	450	6	150	211998	3,07
RCEFV 9/6X8	9	225	6	100	8	200	211999	2,86
RCEFV 12/9X8	12	300	9	225	8	200	212000	2,98
RCEFV 12/6X8	12	300	6	100	8	200	212001	2,92
RCEFV 18/12X8	18	450	12	300	8	200	212002	3,17
RCEFV 18/9X8	18	450	9	225	8	200	212003	3,11
RCEFV 18/6X8	18	450	6	100	8	200	212004	3,05
RCEFV 24/18X8	24	600	18	450	8	200	212005	3,41
RCEFV 24/12X8	24	600	12	300	8	200	212006	3,29
RCEFV 24/9X8	24	600	9	225	8	200	212007	3,23
RCEFV 30/24X8	30	750	24	600	8	200	212008	3,65
RCEFV 30/18X8	30	750	18	450	8	200	212009	3,53
RCEFV 30/12X8	30	750	12	300	8	200	212010	3,41
RCEFV 36/30X8	36	900	30	750	8	200	212011	3,81
RCEFV 36/24X8	36	900	24	600	8	200	212012	3,69
RCEFV 36/18X8	36	900	18	450	8	200	212013	3,57

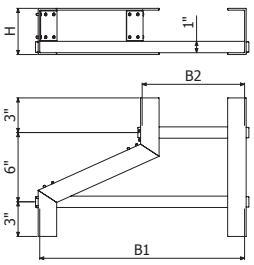


2 x JUEFV 6 (212070)
2 x JUEFV 8 (212071)

RDEFV H3, H4

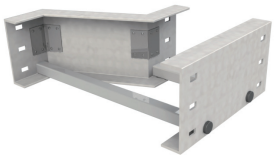


	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RDEFV 9/6X3	9	225	6	100	3	75	212014	1,45
RDEFV 12/9X3	12	300	9	225	3	75	212015	1,57
RDEFV 12/6X3	12	300	6	100	3	75	212016	1,51
RDEFV 18/12X3	18	450	12	300	3	75	212017	1,76
RDEFV 18/9X3	18	450	9	225	3	75	212018	1,70
RDEFV 18/6X3	18	450	6	100	3	75	212019	1,64
RDEFV 24/18X3	24	600	18	450	3	75	212020	2,00
RDEFV 24/12X3	24	600	12	300	3	75	212021	1,88
RDEFV 24/9X3	24	600	9	225	3	75	212022	1,82
RDEFV 9/6X4	9	225	6	100	4	100	212023	1,70
RDEFV 12/9X4	12	300	9	225	4	100	212024	1,82
RDEFV 12/6X4	12	300	6	100	4	100	212025	1,76
RDEFV 18/12X4	18	450	12	300	4	100	212026	2,01
RDEFV 18/9X4	18	450	9	225	4	100	212027	1,95
RDEFV 18/6X4	18	450	6	100	4	100	212028	1,89
RDEFV 24/18X4	24	600	18	450	4	100	212029	2,25
RDEFV 24/12X4	24	600	12	300	4	100	212030	2,13
RDEFV 24/9X4	24	600	9	225	4	100	212031	2,07
RDEFV 30/24X4	30	750	24	600	4	100	212032	2,49
RDEFV 30/18X4	30	750	18	450	4	100	212033	2,37
RDEFV 30/12X4	30	750	12	300	4	100	212034	2,25
RDEFV 36/30X4	36	900	30	750	4	100	212035	2,65
RDEFV 36/24X4	36	900	24	600	4	100	212036	2,53
RDEFV 36/18X4	36	900	18	450	4	100	212037	2,41

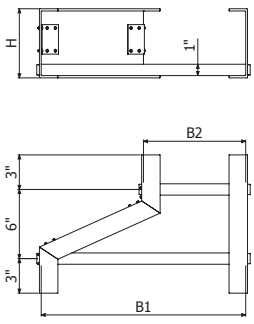


2 x JUEFV 3 (212068)
2 x JUEFV 4 (212069)

RDEFV H6, H8

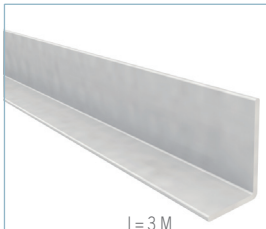


	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RDEFV 9/6X6	9	225	6	100	6	150	212038	2,20
RDEFV 12/9X6	12	300	9	225	6	150	212039	2,32
RDEFV 12/6X6	12	300	6	100	6	150	212040	2,26
RDEFV 18/12X6	18	450	12	300	6	150	212041	2,51
RDEFV 18/9X6	18	450	9	225	6	150	212042	2,45
RDEFV 18/6X6	18	450	6	100	6	150	212043	2,39
RDEFV 24/18X6	24	600	18	450	6	150	212044	2,75
RDEFV 24/12X6	24	600	12	300	6	150	212045	2,63
RDEFV 24/9X6	24	600	9	225	6	150	212046	2,57
RDEFV 30/24X6	30	750	24	600	6	150	212047	2,99
RDEFV 30/18X6	30	750	18	450	6	150	212048	2,87
RDEFV 30/12X6	30	750	12	300	6	150	212049	2,75
RDEFV 36/30X6	36	900	30	750	6	150	212050	3,15
RDEFV 36/24X6	36	900	24	600	6	150	212051	3,03
RDEFV 36/18X6	36	900	18	450	6	150	212052	2,91
RDEFV 9/6X8	9	225	6	100	8	200	212053	2,70
RDEFV 12/9X8	12	300	9	225	8	200	212054	2,82
RDEFV 12/6X8	12	300	6	100	8	200	212055	2,76
RDEFV 18/12X8	18	450	12	300	8	200	212056	3,01
RDEFV 18/9X8	18	450	9	225	8	200	212057	2,95
RDEFV 18/6X8	18	450	6	100	8	200	212058	2,89
RDEFV 24/18X8	24	600	18	450	8	200	212059	3,25
RDEFV 24/12X8	24	600	12	300	8	200	212060	3,13
RDEFV 24/9X8	24	600	9	225	8	200	212061	3,07
RDEFV 30/24X8	30	750	24	600	8	200	212062	3,49
RDEFV 30/18X8	30	750	18	450	8	200	212063	3,37
RDEFV 30/12X8	30	750	12	300	8	200	212064	3,25
RDEFV 36/30X8	36	900	30	750	8	200	212065	3,65
RDEFV 36/24X8	36	900	24	600	8	200	212066	3,53
RDEFV 36/18X8	36	900	18	450	8	200	212067	3,41



2 x JUEFV 6 (212070)
2 x JUEFV 8 (212071)

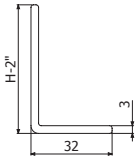
PSEFV



L= 3 M

	H		PRFV		i316	
	inch	mm	REF	Kg/m	REF.	kg/ud
PSEFV 4	**4**	100	209882	0,49	-	-
DIN7504 4,8X19	**-**	**-**	-	-	217610	0,00

4 x DIN7504 (1000<->1000mm)



JUEFV



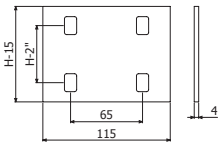
JUEFV 3 - JUEFV 4



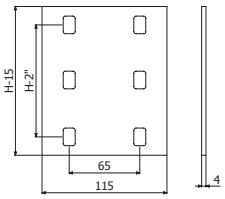
JUEFV 6 - JUEFV 8

	H		PRFV	
	inch	mm	REF	Kg/m
JUEFV 3	**3**	75	212068	0,01
JUEFV 4	**4**	100	212069	0,01
JUEFV 6	**6**	150	212070	0,02
JUEFV 8	**8**	200	212071	0,03

4 x B3 (218552) H3-4 / 6 x B3 H6-8

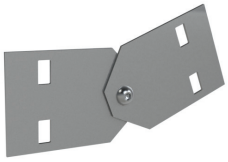


JUEFV 3 - JUEFV 4

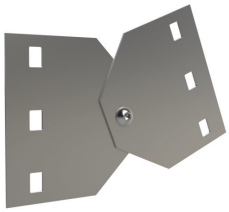


JUEFV 6 - JUEFV 8

JUEFV-A



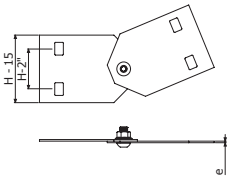
JUEFV-A 3 / JUEFV-A 4



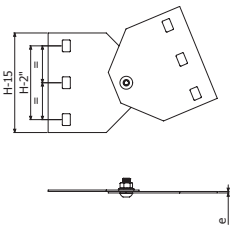
JUEFV-A 6 / JUEFV-A 8

	H		e	i316	
	inch	mm	mm	REF.	kg/ud
JUEFV-A 3	**3**	75	**2**	212072	0,16
JUEFV-A 4	**4**	100	**2**	212073	0,21
JUEFV-A 6	**6**	150	**3**	212074	0,36
JUEFV-A 8	**8**	200	**3**	212075	0,48

4 x B3 (218552) H3-4 / 6 x B3 H6-8

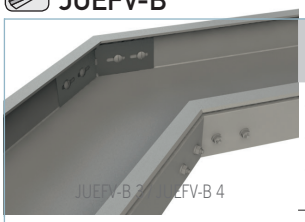


JUEFV-A 3 / JUEFV-A 4

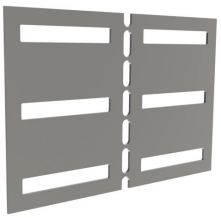


JUEFV-A 6 / JUEFV-A 8

JUEFV-B



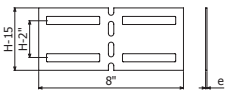
JUEFV-B 3 / JUEFV-B 4



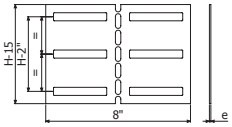
JUEFV-B 6 / JUEFV-B 8

	H		e	i316	
	inch	mm	mm	REF.	kg/ud
JUEFV-B 3	**3**	75	**2**	212076	0,21
JUEFV-B 4	**4**	100	**2**	212077	0,32
JUEFV-B 6	**6**	150	**3**	212078	0,57
JUEFV-B 8	**8**	200	**3**	212079	0,81

4 x B3 (218552) H3-4 / 6 x B3 H6-8

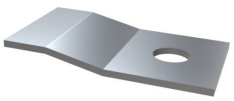


JUEFV-B 3 / JUEFV-B 4

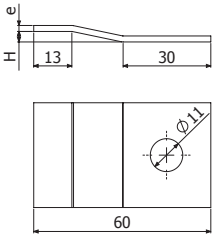


JUEFV-B 6 / JUEFV-B 8

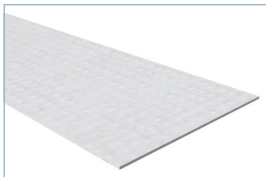
BEFV



	H	e	i316	
	mm	mm	REF.	kg/ud
BEFVS 4	3,5	3	205399	0,04
BEFVL 6	4,5	3	217284	0,04
BEFVS 6	6	3	217285	0,04



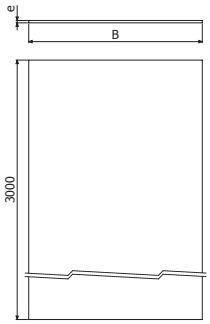
TEFV



L= 3 m (10 ft)

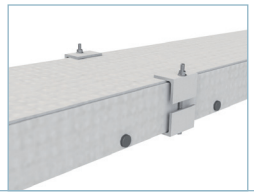
	B		e	PRFV	
	inch	mm	mm	REF.	kg/m
TEFV 6	6	150	3	214463	1,46
TEFV 9	9	225	3	214464	2,20
TEFV 12	12	300	3	214465	2,93
TEFV 18	18	450	3	214466	4,39
TEFV 24	24	600	4	214467	5,86
TEFV 30	30	750	4	214468	7,32
TEFV 36	36	900	4	214469	8,78

4 x PTEFV → 1 x TEFV



PTEFV

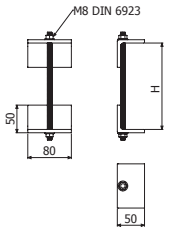




	H		PRFV		i316	
	inch	mm	REF.	kg/m	REF.	kg/ud
PTEFV 3	3	75	205505	0,06	-	-
PTEFV 4	4	100	205506	0,10	-	-
PTEFV 6	6	150	214470	0,18	217280	0,33
PTEFV 8	8	200	-	-	214471	0,38

10

4 x PTEFV → 1 x TEFV

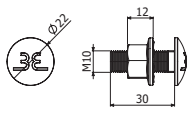


B3



	Pap	i316		PAFV	
	N·m	REF.	kg/ud	REF.	kg/ud
B3-50	35	215575	1,80	218552	0,38

15



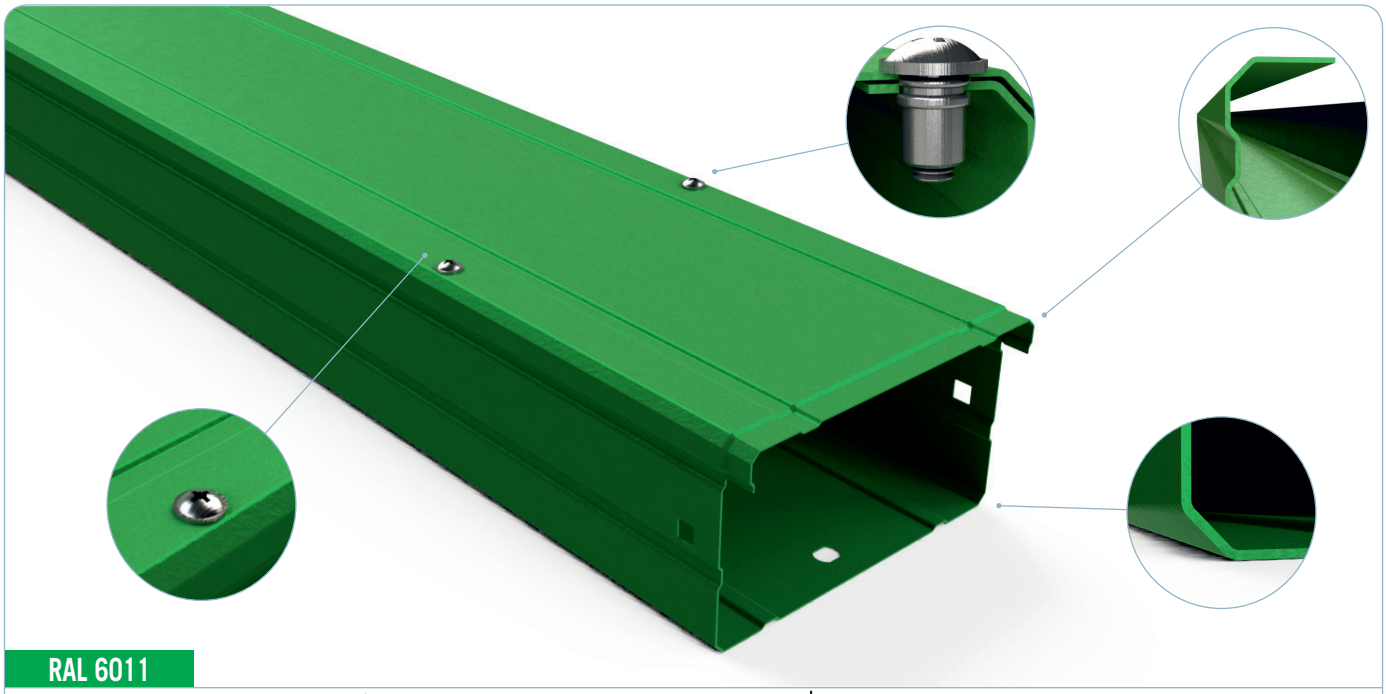

TOYOTA
/// NO PASAR ///

basorcanal

CT GSP ..... P. 04

CT i304 ..... P. 10

WT ..... P. 14



RAL 6011

M0
UNE-EN 50085
UNE 23727

120°C
-25°C
UNE-EN 50085

8
UNE-EN 61537

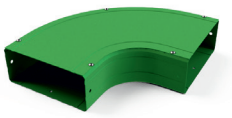
20J
UNE-EN 50085

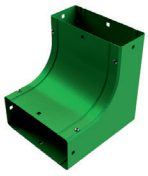
IP65
C/JBP

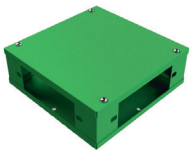
IP53
S/JBP

IEC 60529

IK10
IEC 50102


CPCT

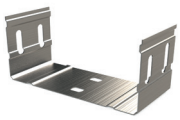

CCCT


CDT


AC


TC


TF


JUCT

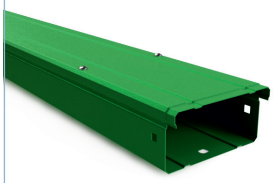

DIN7985


B1


JBP

B		Filling Area H40 (1 4/7")		H60 (2 3/8")		H80 (3 1/7")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
80	3 1/7"	**30**	4,65	-	-	-	-	-	-
120	4 5/7"	**46**	7,13	**70**	10,85	-	-	-	-
140	5 1/2"	-	-	-	-	**110**	17,05	-	-
200	8"	-	-	-	-	**158**	24,49	**198**	30,69
300	12"	-	-	-	-	-	-	**298**	46,19
400	16"	-	-	-	-	-	-	**397**	61,53
600	24"	-	-	-	-	-		**597**	92,53

CT H40

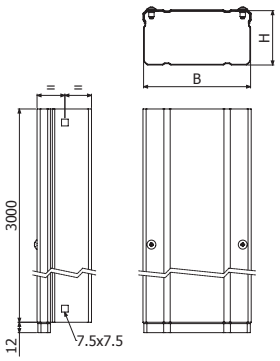


L = 3 m (10 ft)

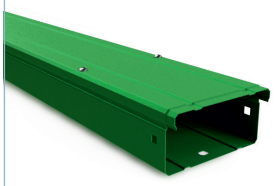
	H		B				GSP	
	mm	inch	mm	inch	IK	IP	REF.	kg/m
CT 40x80	40	1 4/7"	80	3 1/7"	10	65	200151	1,72
CT 40x120	40	1 4/7"	120	4 5/7"	10	65	200152	2,19

1 x JUCT

6/100 x DIN7985 M4x10 (206818-EZ)



CT H60

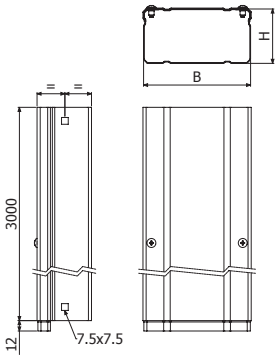


L = 3 m (10 ft)

	H		B				GSP	
	mm	inch	mm	inch	IK	IP	REF.	kg/m
CT 60x120	60	2 3/8"	120	4 5/7"	10	65	200153	2,44

1 x JUCT

6/100 x DIN7985 M4x6/100 x DIN7985 M4x10 (206818-EZ)



CT H80

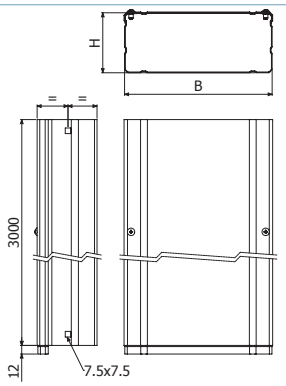


L = 3 m (10 ft)

	H		B				GSP	
	mm	inch	mm	inch	IK	IP	REF.	kg/m
CT 80x140	80	3 1/7"	140	5 1/2"	10	65	200154	2,93
CT 80x200	80	3 1/7"	200	8"	10	65	200155	4,23

1 x JUCT

6/100 x DIN7985 M4x6/100 x DIN7985 M4x10 (206818-EZ)



CT H100

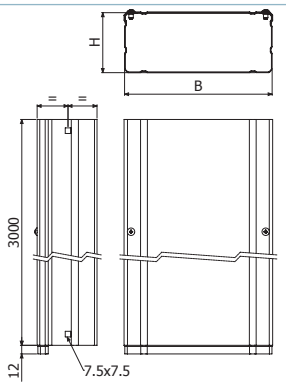


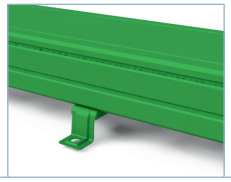
L = 3 m (10 ft)

	H		B				GSP	
	mm	inch	mm	inch	IK	IP	REF.	kg/m
CT 100x200	100	4"	200	8"	10	65	200156	4,54
CT 100x300	100	4"	300	12"	10	65	200157	5,88
CT 100x400	100	4"	400	16"	10	65	205908	7,60
CT 100x600	100	4"	600	24"	10	65	200160	16,86

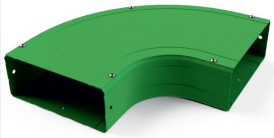
1 x JUCT

6/100 x DIN7985 M4x6/100 x DIN7985 M4x10 (206818-EZ)



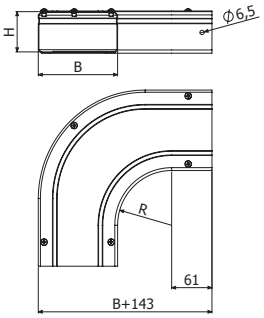


CPT

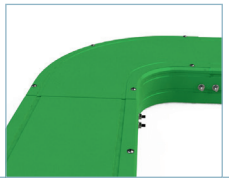


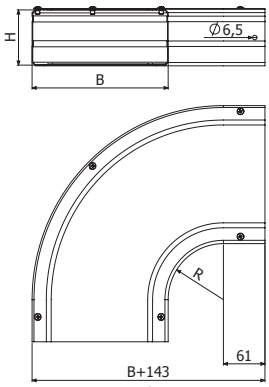
	H		B		R		GSP	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPT 40X80	40	1 4/7"	80	3 1/7"	82	3 2/9"	200161	0,67
CPT 40X120	40	1 4/7"	120	4 5/7"	82	3 2/9"	200162	1,01
CPT 60X120	60	2 3/8"	120	4 5/7"	82	3 2/9"	200163	1,12
CPT 80X140	80	3 1/7"	140	5 1/2"	82	3 2/9"	200164	1,43
CPT 80X200	80	3 1/7"	200	8"	82	3 2/9"	200165	1,89
CPT 100X200	100	4"	200	8"	82	3 2/9"	200166	2,02
CPT 100X300	100	4"	300	12"	82	3 2/9"	200167	3,45
CPT 100X400	100	4"	400	16"	82	3 2/9"	203333	5,34
CPT 100X600	100	4"	600	24"	82	3 2/9"	200170	9,65

1 x JUCT



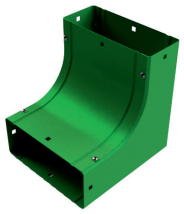
CPT H40/60





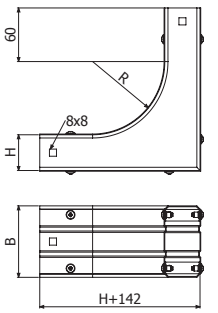
CPT H80/100

CCCT

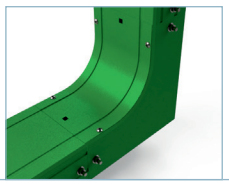


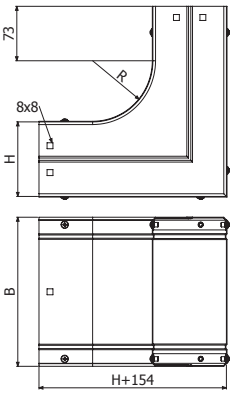
	H		B		R		GSP	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCCT 40X80	40	1 4/7"	80	3 1/7"	82	3 2/9"	200171	0,61
CCCT 40X120	40	1 4/7"	120	4 5/7"	82	3 2/9"	200172	0,76
CCCT 60X120	60	2 3/8"	120	4 5/7"	82	3 2/9"	200173	0,92
CCCT 80X140	80	3 1/7"	140	5 1/2"	82	3 2/9"	200174	1,18
CCCT 80X200	80	3 1/7"	200	8"	82	3 2/9"	200175	1,44
CCCT 100X200	100	4"	200	8"	82	3 2/9"	200176	1,64
CCCT 100X300	100	4"	300	12"	82	3 2/9"	200177	2,10
CCCT 100X400	100	4"	400	16"	82	3 2/9"	200178	4,08
CCCT 100X600	100	4"	600	24"	82	3 2/9"	200180	5,71

1 x JUCT



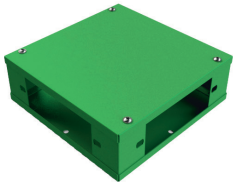
CCCT H40/60/80

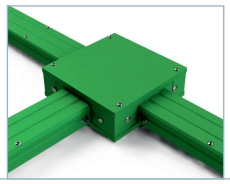




CCCT H100

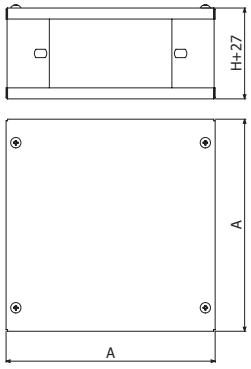
CDT





	H		A		GSP	
	mm	inch	mm	inch	REF.	kg/ud
CDT 40	40	1 4/7"	203	8"	200191	0,97
CDT 60	60	2 3/8"	203	8"	200192	1,24
CDT 80	80	3 1/7"	283	11 1/7"	200193	2,10
CDT 100	100	4"	383	15"	200194	3,59
CDT 100X400	100	4"	483	19"	203610	3,40
CDT 100X600	100	4"	683	26 8/9"	204203	6,50

x/100 x B1 (204356) + /

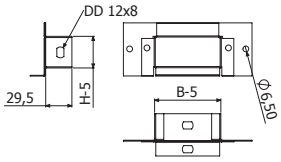


AC H40



	H		B		GSP	
	mm	inch	mm	inch	REF.	kg/ud
AC 40/40X80	40	1 4/7"	80	3 1/7"	200195	0,09
AC 40/40X120	40	1 4/7"	120	4 5/7"	200196	0,12

3/100 x B1 (204356)

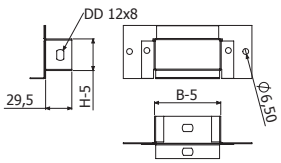


AC H60



	H		B		GSP	
	mm	inch	mm	inch	REF.	kg/ud
AC 60/40X80	40	1 4/7"	80	3 1/7"	200197	0,13
AC 60/40X120	40	1 4/7"	120	4 5/7"	200198	0,17
AC 60/60X120	60	2 3/8"	120	4 5/7"	200199	0,13

3/100 x B1 (204356)

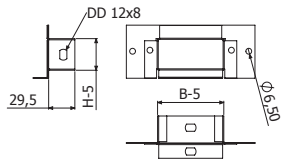


AC H80



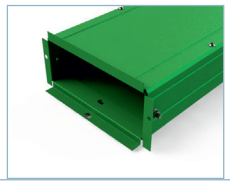
	H		B		GSP	
	mm	inch	mm	inch	REF.	kg/ud
AC 80/40X80	40	1 4/7"	80	3 1/7"	200200	0,17
AC 80/40X120	40	1 4/7"	120	4 5/7"	200201	0,24
AC 80/60X120	60	2 3/8"	120	4 5/7"	200202	0,25
AC 80/80X140	80	3 1/7"	140	5 1/2"	200203	0,25
AC 80/80X200	80	3 1/7"	200	8"	200204	0,21

3/100 x B1 (204356)



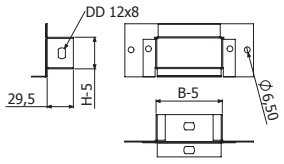
AC H100





	H		B		GSP	
	mm	inch	mm	inch	REF.	kg/ud
AC 100/40X80	40	1 4/7"	80	3 1/7"	200205	0,37
AC 100/40X120	40	1 4/7"	120	4 5/7"	200206	0,24
AC 100/60X120	60	2 3/8"	120	4 5/7"	200207	0,38
AC 100/80X140	80	3 1/7"	140	51/2"	200208	0,31
AC 100/80X200	80	3 1/7"	200	8"	200209	0,44
AC 100/100X200	100	4"	200	8"	200210	0,37
AC 100/100X300	100	4"	300	12"	200211	0,76
AC 100/100X400	100	4"	400	16"	200212	0,39
AC 100/100X600	100	4"	600	24"	204867	0,54

3/100 x B1 (204356)

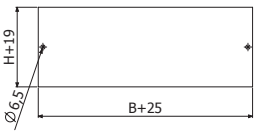


TCCT

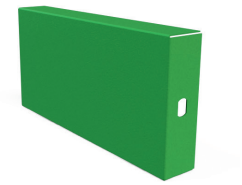


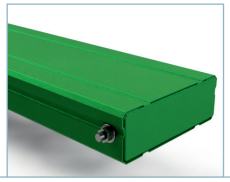
	H		B		GSP	
	mm	inch	mm	inch	REF.	kg/ud
TCCT 40	40	1 4/7"	120	4 5/7"	200223	0,05
TCCT 60	60	2 3/8"	120	4 5/7"	200224	0,06
TCCT 80	80	3 1/7"	200	8"	200225	0,21
TCCT 100	100	4"	300	12"	200226	0,30
TCCT 100X400	100	4"	400	16"	204866	0,40
TCCT 100X600	100	4"	600	24"	205931	0,58

20100 x B1 (204356)



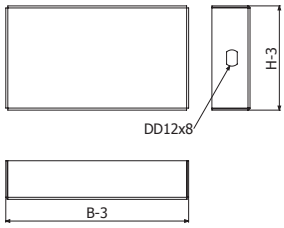
TFCT



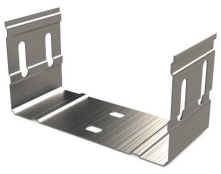


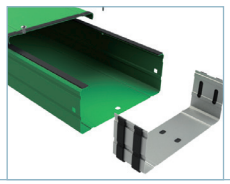
	H		B		GSP	
	mm	inch	mm	inch	REF.	kg/ud
TFCT 40X80	40	1 4/7"	80	3 1/7"	200213	0,07
TFCT 40X120	40	1 4/7"	120	4 5/7"	200214	0,10
TFCT 60X120	60	2 3/8"	120	4 5/7"	200215	0,10
TFCT 80X140	80	3 1/7"	140	5 1/2"	200216	0,14
TFCT 80X200	80	3 1/7"	200	8"	200217	0,23
TFCT 100X200	100	4"	200	8"	200218	0,23
TFCT 100X300	100	4"	300	12"	200219	0,46
TFCT 100X400	100	4"	400	16"	200220	0,47
TFCT 100X600	100	4"	600	24"	200222	0,68

20100 x B1 (204356)



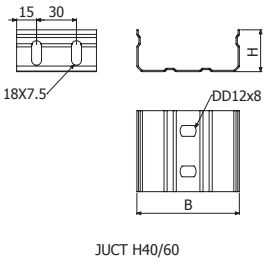
JUCT



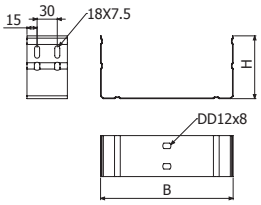


	H		B		GS	
	mm	inch	mm	inch	REF.	kg/ud
JUCT 40X80	40	1 4/7"	80	3 1/7"	200181	0,06
JUCT 40X120	40	1 4/7"	120	4 5/7"	200182	0,08
JUCT 60X120	60	2 3/8"	120	4 5/7"	200183	0,10
JUCT 80X140	80	3 1/7"	140	5 1/2"	200184	0,12
JUCT 80X200	80	3 1/7"	200	8"	200185	0,15
JUCT 100X200	100	4"	200	8"	200186	0,17
JUCT 100X300	100	4"	300	12"	200187	0,22
JUCT 100X400	100	4"	400	16"	205907	0,28
JUCT 100X600	100	4"	600	24"	200190	0,54

6/100 x B1 (204356)



JUCT H40/60

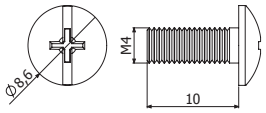


JUCT H80/100

DIN 7985



	Pap N·m	EZ REF.	EZ kg/ud
DIN7985-100 M4X10	4	206818	0,15

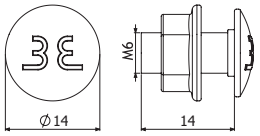


B1



	Pap N·m	EZ REF.	EZ kg/ud
B1-100	6	204356	0,77

10



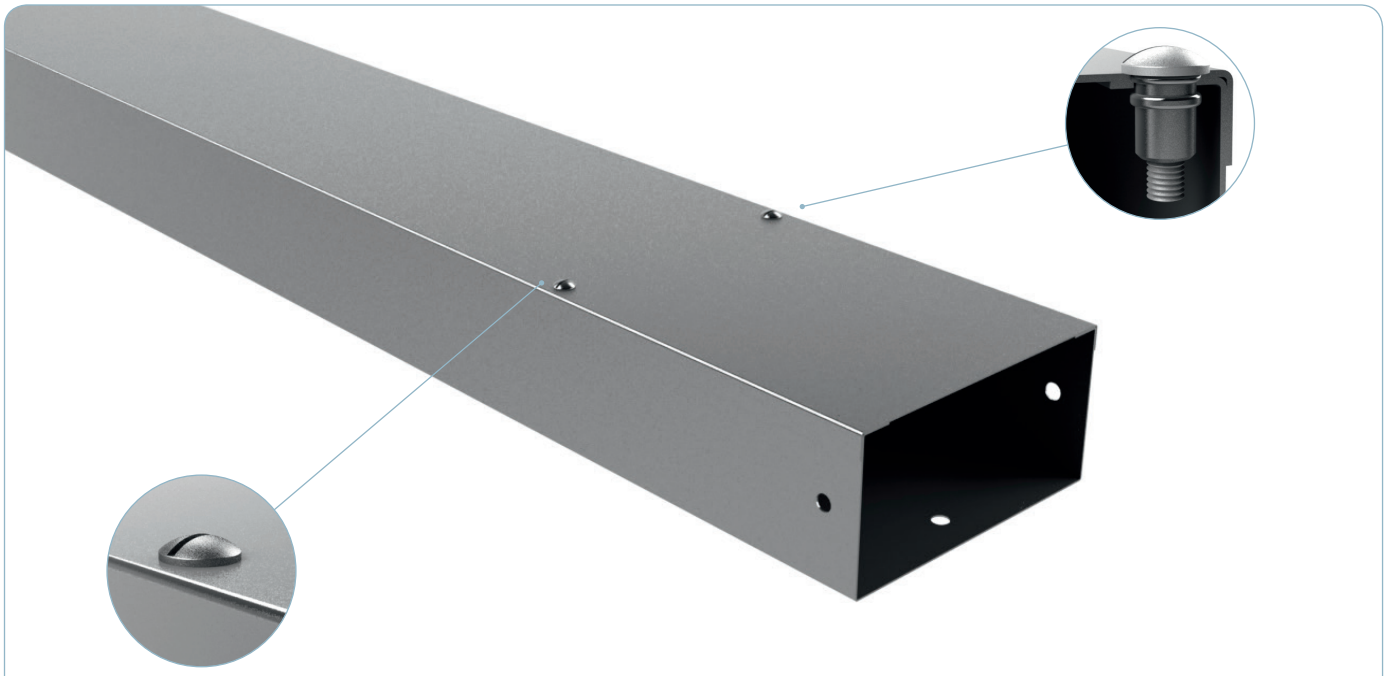
JBP



	BP REF.	BP kg/m
JBP	200227	0,03

IP65

L = 1 m (3 ft)



L > 100 m *
UNE-EN 50085

M0
UNE-EN 50085
UNE 23727

120°C
-25°C
UNE-EN 50085

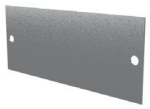
9A
UNE-EN 61537

20J
UNE-EN 50085

IP65
CJBP

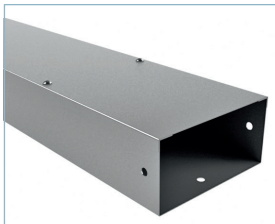
IP53
SJBP
IEC 60529

IK10
IEC 50102

 CPTI	 CCCTI	 CDTI	 ACI	 TCI
 TFI	 JUCTI	 TIP65	 DIN7985	 JBP

		Filling Area					
B		H40 (1 4/7")		H60 (2 3/8")		H80 (3 1/7")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
80	3 1/7"	**30**	4,65	**-**	-	**-**	-
120	4 5/7"	**46**	7,13	**70**	10,85	**-**	-
140	5 1/2"	**-**	-	**-**	-	**110**	17,05

CTI

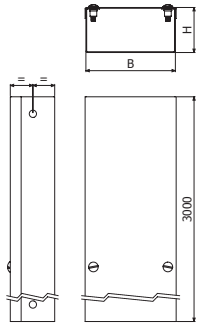


L = 3 m (10 ft)

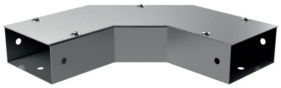
	H		B				i304	
	mm	inch	mm	inch	IK	IP	REF.	kg/m
CTI 40X80	40	1 4/7"	80	3 1/7"	10	65	206021	1,54
CTI 40X120	40	1 4/7"	120	4 5/7"	10	65	206762	2,00
CTI 60X120	60	2 3/8"	120	4 5/7"	10	65	207007	2,22
CTI 80X140	80	3 1/7"	140	5 1/2"	10	65	205184	2,78

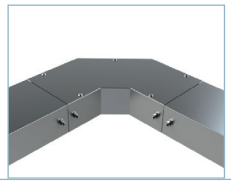
1 x JUCTI

6/100 x DIN85 M4x10 (217550-i304)



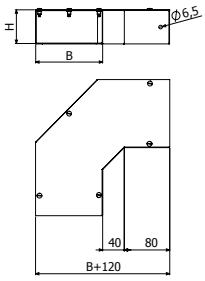
CPTI





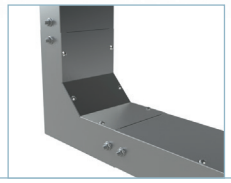
	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
CPTI 40X80	40	1 4/7"	80	3 1/7"	207008	0,67
CPTI 40X120	40	1 4/7"	120	4 5/7"	209985	0,91
CPTI 60X120	60	2 3/8"	120	4 5/7"	207009	1,12
CPTI 80X140	80	3 1/7"	140	5 1/2"	207010	1,43

1 x JUCTI



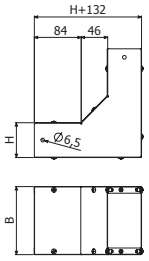
CCCTI



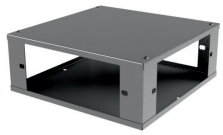


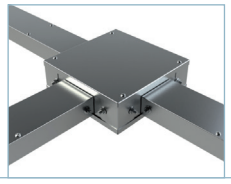
	H		B		R		i304	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCCTI 40X80	40	1 4/7"	80	3 1/7"	82	3 2/9"	207040	0,61
CCCTI 40X120	40	1 4/7"	120	4 5/7"	82	3 2/9"	209986	0,82
CCCTI 60X120	60	2 3/8"	120	4 5/7"	82	3 2/9"	207041	0,92
CCCTI 80X140	80	3 1/7"	140	5 1/2"	82	3 2/9"	207042	1,18

1 x JUCTI

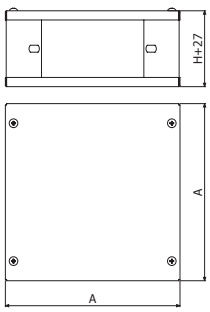


CDTI





	H		A		i304	
	mm	inch	mm	inch	REF.	kg/ud
CDTI 40	40	1 4/7"	203	8"	207043	0,97
CDTI 60	60	2 3/8"	203	8"	207044	1,24
CDTI 80	80	3 1/7"	283	11 1/7"	206360	2,10

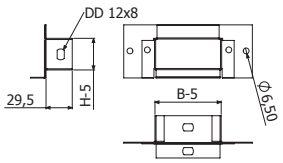


ACI

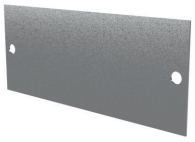


	CDT	H		B		i304	
		mm	inch	mm	inch	REF.	kg/ud
ACI 40/40X80	40	**40**	1 4/7"	**80**	3 1/7"	207049	0,09
ACI 40/40X120	40	**40**	1 4/7"	**120**	4 5/7"	209987	0,12
ACI 60/40X80	60	**40**	1 4/7"	**80**	3 1/7"	208226	0,14
ACI 60/40X120	60	**40**	1 4/7"	**120**	4 5/7"	209988	0,17
ACI 60/60X120	60	**60**	2 3/8"	**120**	4 5/7"	207050	0,13
ACI 80/80X140	80	**80**	3 1/7"	**140**	5 1/2"	207051	0,16

3/100 x B1 (204925)

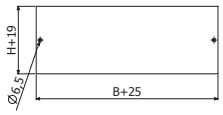


TCI

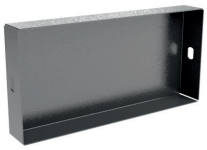


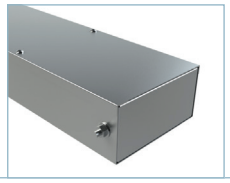
	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
TCI 40	**40**	1 4/7"	**120**	4 5/7"	207045	0,05
TCI 60	**60**	2 3/8"	**120**	4 5/7"	207046	0,06
TCI 80	**80**	3 1/7"	**200**	8"	207047	0,12

2/100 x B1 (204925)



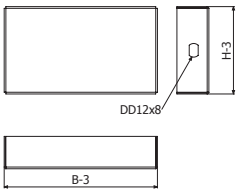
TFI



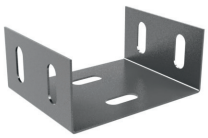


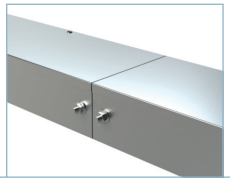
	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
TFI 40X80	**40**	1 4/7"	**80**	3 1/7"	206023	0,07
TFI 40X120	**40**	1 4/7"	**120**	4 5/7"	207077	0,09
TFI 60X120	**60**	2 3/8"	**120**	4 5/7"	207048	0,10
TFI 80X140	**80**	3 1/7"	**140**	5 1/2"	205186	0,14

2/100 x B1 (204925)



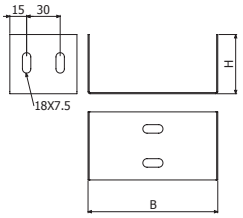
JUCTI





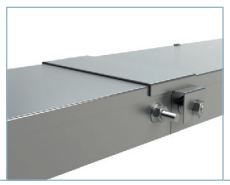
	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
JUCTI 40X80	**40**	1 4/7"	**80**	3 1/7"	206022	0,06
JUCTI 40X120	**40**	1 4/7"	**120**	4 5/7"	207078	0,08
JUCTI 60X120	**60**	2 3/8"	**120**	4 5/7"	207053	0,10
JUCTI 80X140	**80**	3 1/7"	**140**	5 1/2"	205185	0,12

6/100 x B1 (204925)



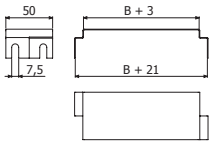
IP65 TIP65





	B		i304	
	mm	inch	REF.	kg/ud
TIP65 40X80	**80**	3 1/7"	207213	0,05
TIP65 40X120	**120**	4 5/7"	207216	0,06
TIP65 60X120	**120**	4 5/7"	207225	0,07
TIP65 80X140	**140**	5 1/2"	208227	0,08

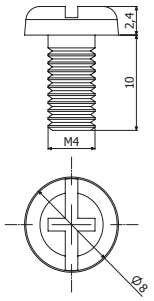
2/100 x DIN6923 M6 (217554)



DIN85



	Pap	i304	
	N·m	REF.	kg/ud
DIN85-100 M4X10	4	217550	0,01

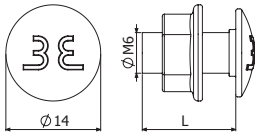


B1



	Pap	L	i304	
	N·m	mm	REF.	kg/ud
B1-100	6	20	204925	0,79

10



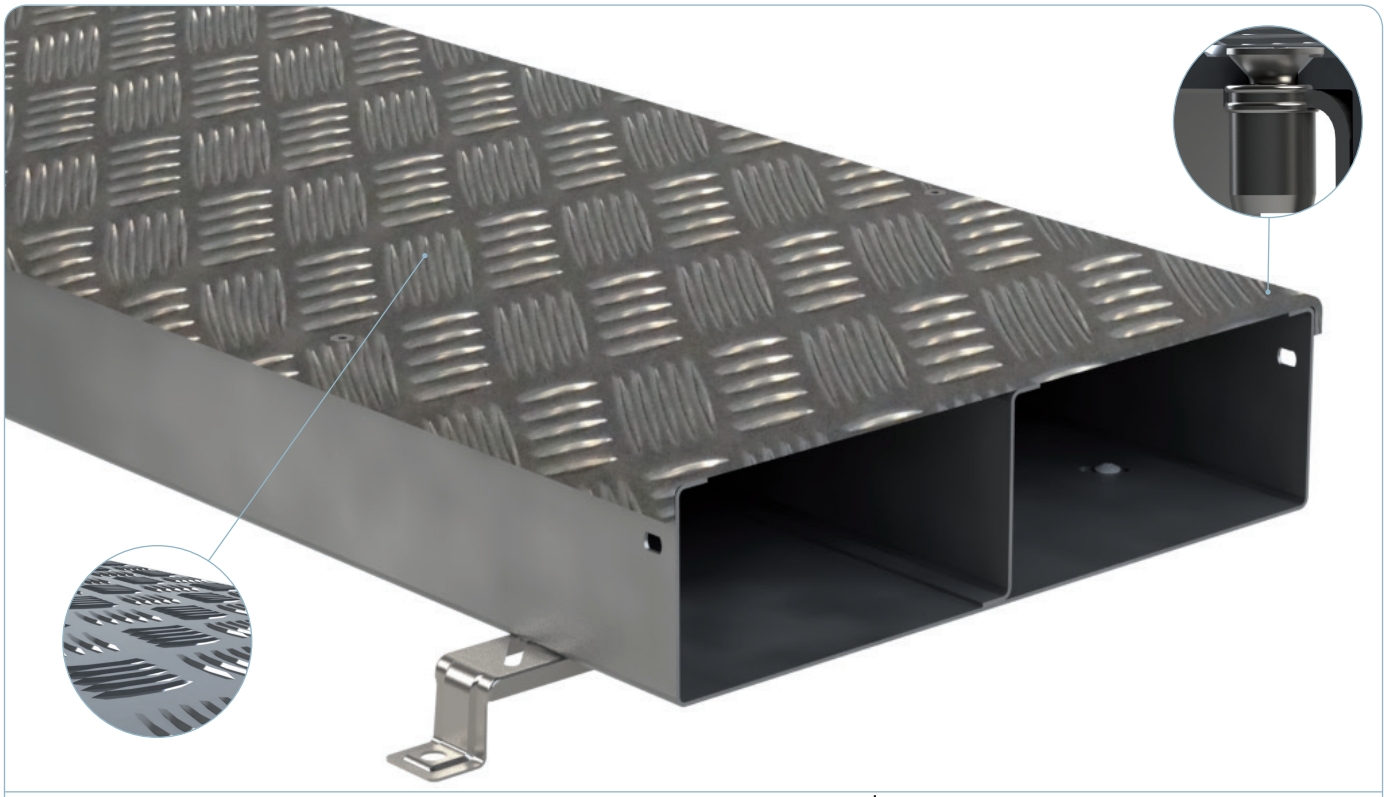
JBP



	BP	
	REF.	kg/m
JBP	200227	0,03

IP65

L = 1 m (3 ft)



L > 100 m
UNE-EN 50085

M0
UNE-EN 50085
UNE 23727

120°C
-25°C
UNE-EN 50085

20J
UNE-EN 50085

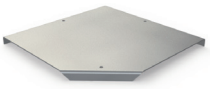
3
UNE-EN 61537

IP20
IEC 60529

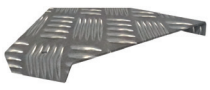
IK10
IEC 50102


CPWT


TCPWT


TSCPWT

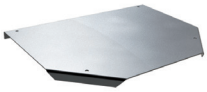

CPWT45

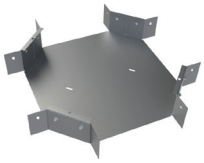

TCPWT45

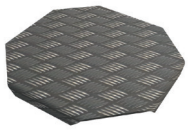

TSCPWT45


TEWT

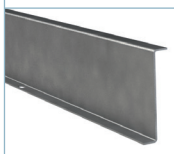

TTEWT


TSTEWT

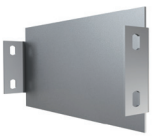

CRWT


TCRWT


CCWT


PSWT


REWT


TFWT


JUWT


SV


B1


DIN 7991


TMK

Filling Area			
B		H100 (4")	
mm	inch	cm²	in²
100	4	**85,56**	13,26
200	8	**181,56**	28,14
300	12	**277,56**	43,02
400	16	**371,32**	57,55
500	20	**467,32**	72,43
600	24	**563,32**	87,31

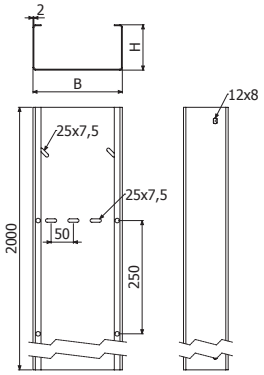
WT



L = 2 m (6,6 ft)

	CTA (Kg/m)	(Kg)	B mm	B inch	H mm	H inch	GS REF.	GS kg/m
WT 100X100	21	150	100	4	100	4	2010146	5,50
WT 200X100	45	150	200	8	100	4	2010147	7,06
WT 300X100	69	150	300	12	100	4	2010148	8,62
WT 400X100	93	150	400	16	100	4	2010149	10,19
WT 500X100	117	150	500	20	100	4	2010150	11,74
WT 600X100	141	150	600	24	100	4	2010151	13,30

2 x JUWT
2m x WT --> 3 x SV (B)
B ≥ 400 --> 1 x PSWT



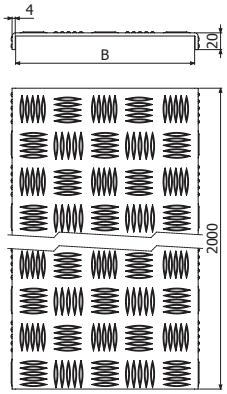
TWT



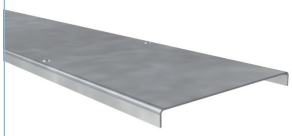
L = 2 m (6,6 ft)

	(Kg)	B mm	B inch	AL REF.	AL kg/m
TWT 100	150	100	4	2010191	1,63
TWT 200	150	200	8	2010192	2,84
TWT 300	150	300	12	2010193	4,05
TWT 400	150	400	16	2010194	5,26
TWT 500	150	500	20	2010195	6,47
TWT 600	150	600	24	2010196	7,68

6/100 x DIN 7991 M6x16 (210265 - EZ)
1 x PSWT (210180) --> TWT (400 - 600)



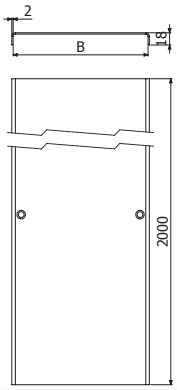
TSWT



L = 2 m (6,6 ft)

	B mm	B inch	GS REF.	GS kg/m
TSWT 100	100	4	2010185	2,19
TSWT 200	200	8	2010186	3,76
TSWT 300	300	12	2010187	5,34
TSWT 400	400	16	2010188	6,91
TSWT 500	500	20	2010189	8,49
TSWT 600	600	24	2010190	10,16

6/100 x DIN 7991 M6x16 (210265 - EZ)

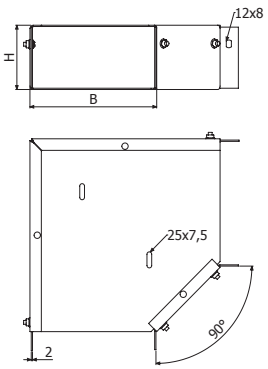


CPWT



	(Kg)	B mm	B inch	H mm	H inch	GS REF.	GS kg/ud
CPWT 100X100	150	100	4	100	4	2010152	1,85
CPWT 200X100	150	200	8	100	4	2010153	2,99
CPWT 300X100	150	300	12	100	4	2010154	4,44
CPWT 400X100	150	400	16	100	4	2010155	6,21
CPWT 500X100	150	500	20	100	4	2010156	8,30
CPWT 600X100	150	600	24	100	4	2010157	10,69

4/100 x B1 (204356 -EZ)
1 x CPWT --> 1 x SV (B)
JUWT



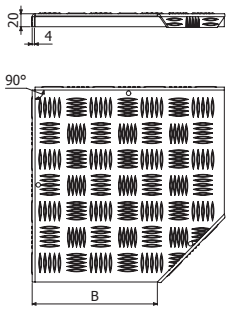
TCPWT



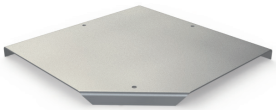
	(Kg)	B mm	B inch	AL REF.	AL kg/ud
TCPWT 100	150	100	4	210197	0,53
TCPWT 200	150	200	8	210198	1,18
TCPWT 300	150	300	12	210199	2,06
TCPWT 400	150	400	16	210200	3,22
TCPWT 500	150	500	20	210201	4,58
TCPWT 600	150	600	24	210202	6,18

B=100,200,300 3/100 x DIN 7991 M6x16 (210265 - EZ)

B=400,500,600 5/100 x DIN 7991 M6x16 (210265 - EZ)



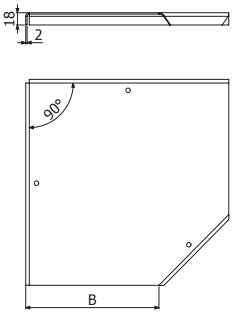
TSCPWT



	B mm	B inch	GS REF.	GS kg/ud
TSCPWT 100	100	4	210203	0,70
TSCPWT 200	200	8	210204	1,54
TSCPWT 300	300	12	210205	2,70
TSCPWT 400	400	16	210206	4,17
TSCPWT 500	500	20	210207	5,96
TSCPWT 600	600	24	210208	8,06

B=100,200,300 3/100 x DIN 7991 M6x16 (210265 - EZ)

B=400,500,600 5/100 x DIN 7991 M6x16 (210265 - EZ)



CPWT45

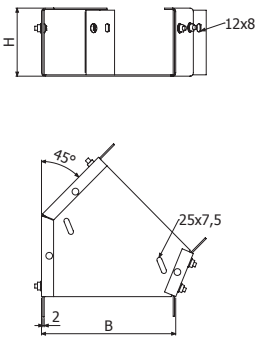


	(Kg)	B mm	B inch	H mm	H inch	GS REF.	GS kg/ud
CPWT45 100X100	150	100	4	100	4	210158	0,95
CPWT45 200X100	150	200	8	100	4	210159	1,39
CPWT45 300X100	150	300	12	100	4	210160	1,95
CPWT45 400X100	150	400	16	100	4	210161	2,63
CPWT45 500X100	150	500	20	100	4	210162	3,67
CPWT45 600X100	150	600	24	100	4	210164	4,89

4/100 x B1 (204356 - EZ)

1 x CPWT45 --> 1 x SV (B)

JUWT

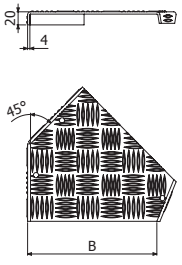


TCPWT45



	(Kg)	B mm	B inch	AL REF.	AL kg/ud
TCPWT45 100		100	4	210209	0,20
TCPWT45 200	150	200	8	210210	0,45
TCPWT45 300	150	300	12	210211	0,80
TCPWT45 400	150	400	16	210212	1,24
TCPWT45 500	150	500	20	210213	1,90
TCPWT45 600	150	600	24	210214	2,71

3/100 x DIN 7991 M6x16 (210265 - EZ)

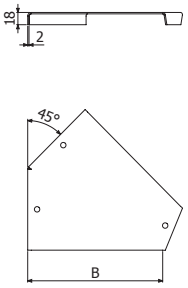


TSCPWT45



	B		GS	
	mm	inch	REF.	kg/ud
TSCPWT45 100	100	4	210215	0,26
TSCPWT45 200	200	8	210216	0,59
TSCPWT45 300	300	12	210217	1,04
TSCPWT45 400	400	16	210218	1,61
TSCPWT45 500	500	20	210219	2,48
TSCPWT45 600	600	24	210220	3,53

3/100 x DIN 7991 M6x16 (210265 - EZ)



TEWT

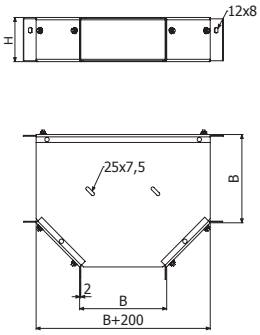


	(Kg)	B		H		GS	
		mm	inch	mm	inch	REF.	kg/ud
TEWT 100X100	150	100	4	100	4	210165	2,35
TEWT 200X100	150	200	8	100	4	210166	3,47
TEWT 300X100	150	300	12	100	4	210167	4,90
TEWT 400X100	150	400	16	100	4	210168	6,64
TEWT 500X100	150	500	20	100	4	210169	8,70
TEWT 600X100	150	600	24	100	4	210170	11,08

6/100 x B1 (204356 - EZ)

1 x TEWT --> 1 x SV (B)

JUWT

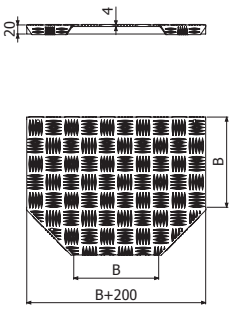


TTEWT

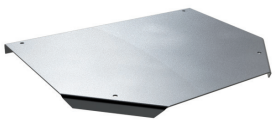


	(Kg)	B		AL	
		mm	inch	REF.	kg/ud
TTEWT 100	150	100	4	210221	0,72
TTEWT 200	150	200	8	210222	1,47
TTEWT 300	150	300	12	210223	2,46
TTEWT 400	150	400	16	210224	3,69
TTEWT 500	150	500	20	210225	5,16
TTEWT 600	150	600	24	210226	6,88

4/100 x DIN 7991 M6x16 (210265 - EZ)

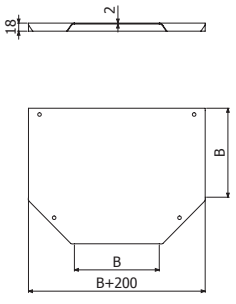


TSTEWT

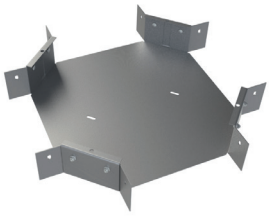


	B		GS	
	mm	inch	REF.	kg/ud
TSTEWT 100	100	4	210227	0,94
TSTEWT 200	200	8	210228	1,91
TSTEWT 300	300	12	210229	3,20
TSTEWT 400	400	16	210230	4,80
TSTEWT 500	500	20	210231	6,72
TSTEWT 600	600	24	210232	8,95

4/100 x DIN 7991 M6x16 (210265 - EZ)



CRWT

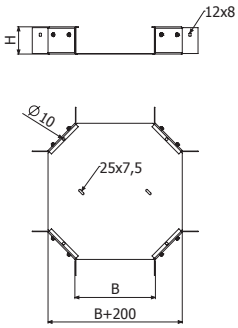


	H		B		GS	
	mm	inch	mm	inch	REF.	kg/ud
CRWT 100X100	100	4	100	4	210292	1,95
CRWT 200X100	100	4	200	8	210293	3,05
CRWT 300X100	100	4	300	12	210294	4,47
CRWT 400X100	100	4	400	16	210295	6,20
CRWT 500X100	100	4	500	20	210296	8,25
CRWT 600X100	100	4	600	24	210297	10,61

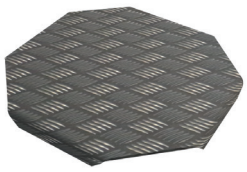
8/100 x B1 (204356 - EZ)

1 x CRWT --> 1 x SV (B)

JUWT

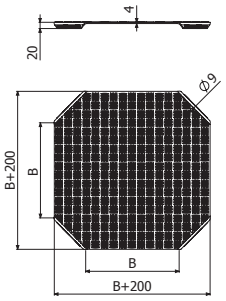


TCRWT



	B		AL	
	mm	inch	REF.	kg/ud
TCRWT 100	100	4	210298	0,85
TCRWT 200	200	8	210299	1,60
TCRWT 300	300	12	210300	2,57
TCRWT 400	400	16	210301	3,76
TCRWT 500	500	20	210302	5,16
TCRWT 600	600	24	210303	6,77

4/100 x DIN 7991 M6x16 (210265 - EZ)



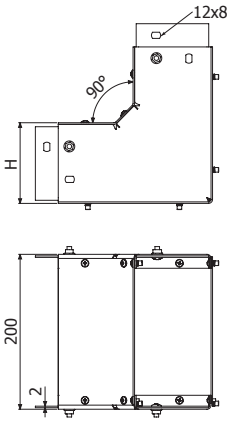
CCWT



	B		H		GS	
	mm	inch	mm	inch	REF.	kg/ud
CCWT 100X100	100	4	100	4	210171	1,99
CCWT 200X100	200	8	100	4	210172	2,91
CCWT 300X100	300	12	100	4	210173	3,83
CCWT 400X100	400	16	100	4	210174	4,75
CCWT 500X100	500	20	100	4	210175	5,67
CCWT 600X100	600	24	100	4	210176	6,59

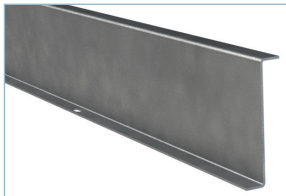
4/100 x B1 (204356 - EZ)

JUWT



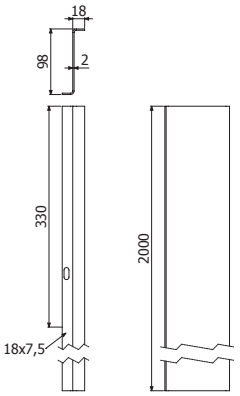
CCCX WT

PSWT



	GS	
	REF.	kg/ud
PSWT 100	210180	1,98

4/100 x B1 (204356 - EZ)

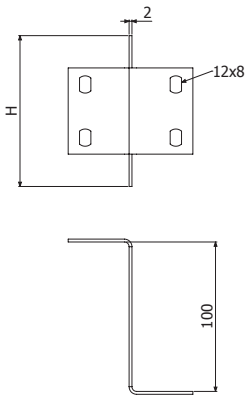


REWT

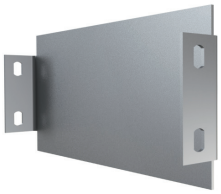


	H		GS	
	mm	inch	REF.	kg/ud
REWT 100X100	107	4	210087	0,26

2/100 x B1 (204356 - EZ)

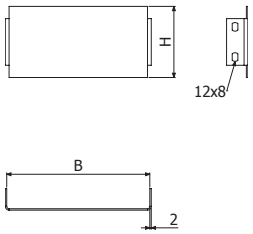


TFWT



	B		H		GS	
	mm	inch	mm	inch	REF.	kg/ud
TFWT 100X100	100	4	100	4	210240	0,21
TFWT 200X100	200	8	100	4	210241	0,36
TFWT 300X100	300	12	100	4	210242	0,52
TFWT 400X100	400	16	100	4	210243	0,68
TFWT 500X100	500	20	100	4	210244	0,83
TFWT 600X100	600	24	100	4	210245	0,99

2/100 x B1 (204356 - EZ)

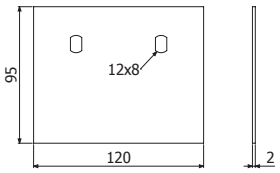


JUWT

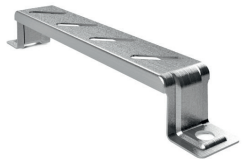


	GS	
	REF.	kg/ud
JUWT 100	210177	0,18

2/100 x B1 (204356 - EZ)



SV



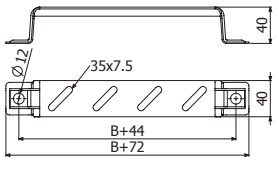
SV 100/150/200/300



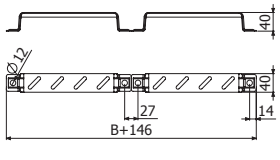
SV 400/500/600

	CTA		B		e	GS	
	kg	lb	mm	inch	mm	REF.	kg/ud
SV 100	276	609	100	4“	1,5	21046	0,09
SV 200	253	558	200	8”	1,5	21048	0,17
SV 300	207	456	300	12”	1,5	21049	0,23
SV 400	506	1116	400	16”	1,5	203413	0,45
SV 500	460	1014	500	20”	1,5	203414	0,52
SV 600	414	912	600	24”	1,5	203415	0,59

2/100 x B1 (204356 - EZ)



SVO 100/150/200/300



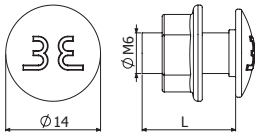
SVO 400/500/600

B1



	L	Pap	EZ	
	mm	N·m	REF.	kg/ud
B1-100	14	6	204356	0,77

10

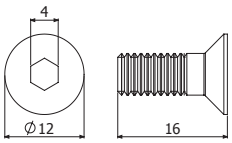


DIN 7991



	Pap	EZ	
	N·m	REF.	kg/ud
DIN7991-100 M6X16	8	210265	0,55

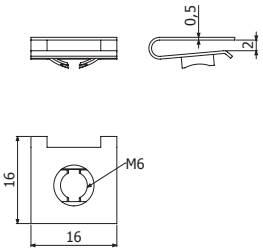
4



TMK



	REF.	kg/ud
TMK-100 M6	210266	0,20





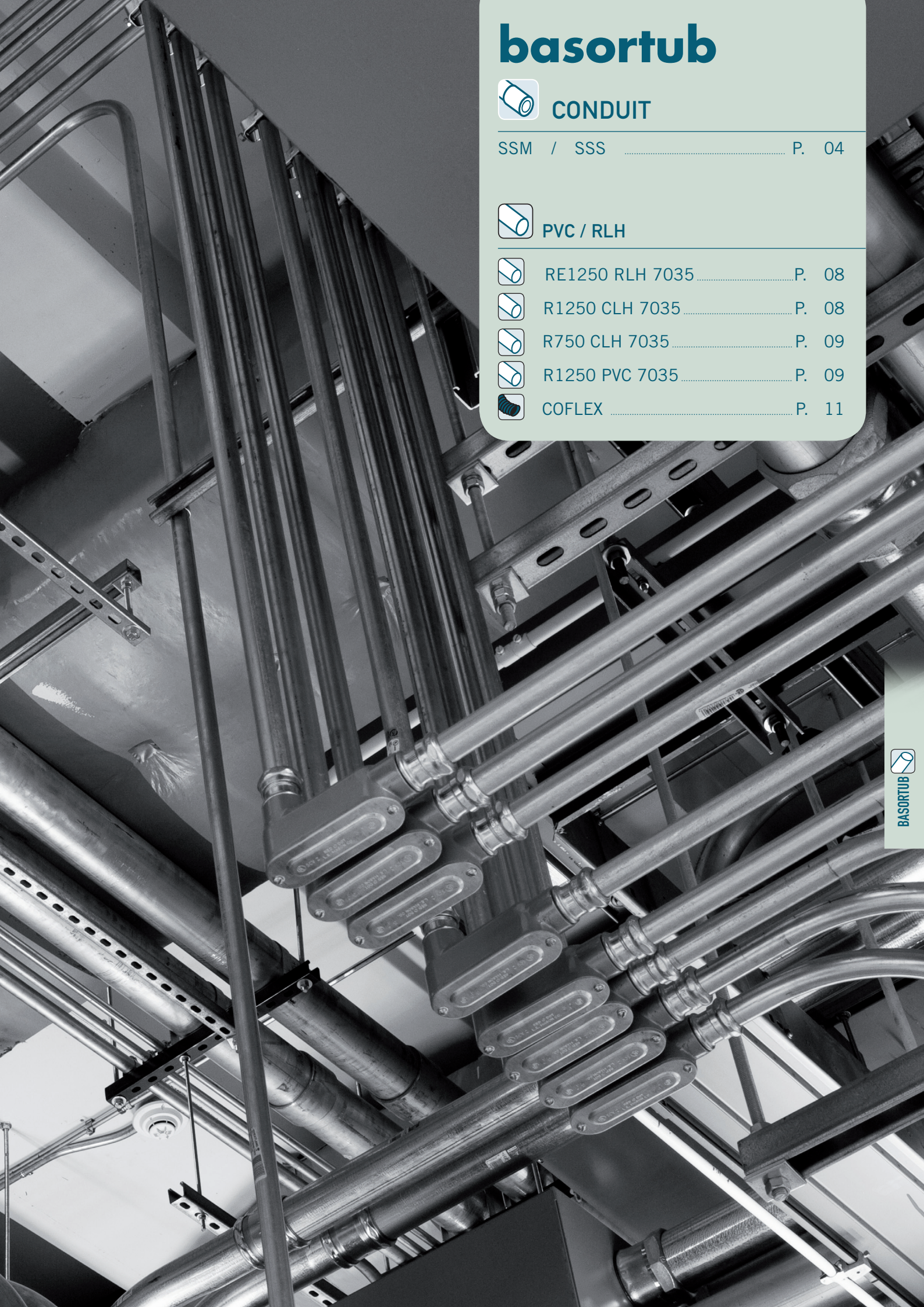
basortub

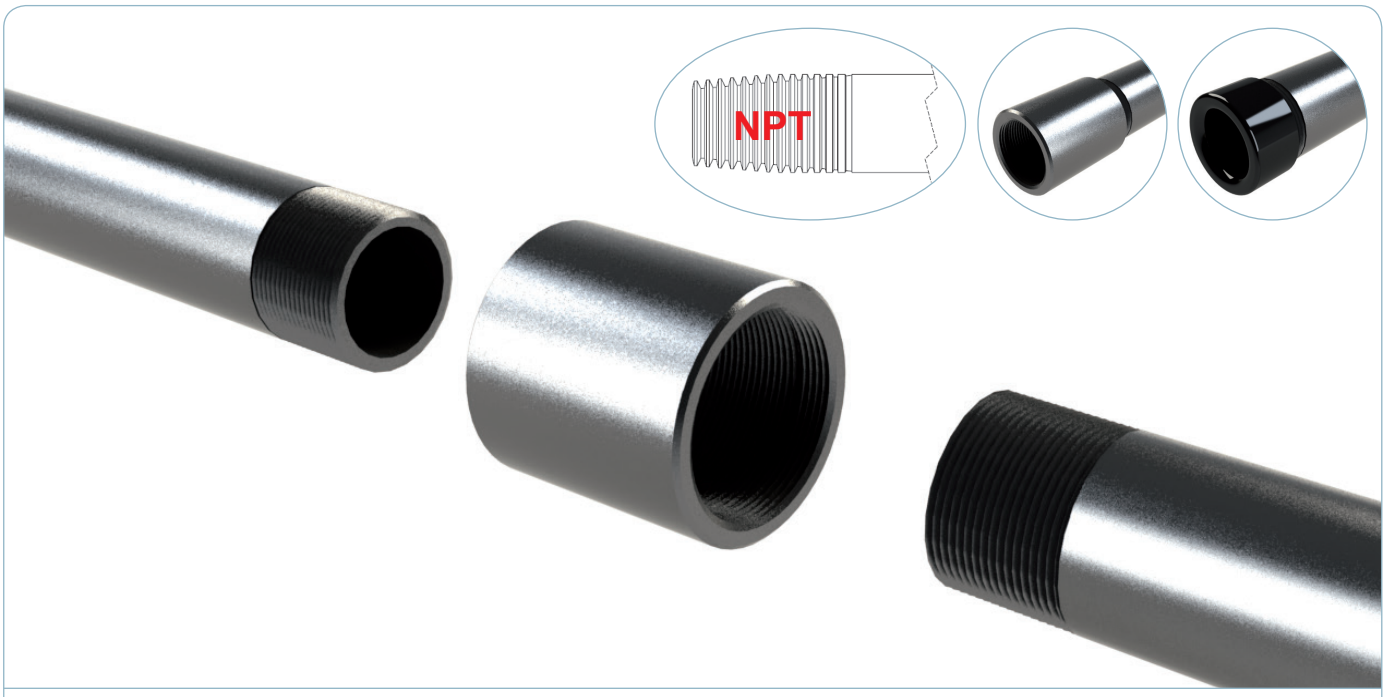
CONDUIT

SSM / SSS ..... P. 04

PVC / RLH

RE1250 RLH 7035 ..... P. 08
R1250 CLH 7035 ..... P. 08
R750 CLH 7035 ..... P. 09
R1250 PVC 7035 ..... P. 09
COFLEX ..... P. 11





UNE 23727
UNE-EN 13501

55~70µm
EN 10240

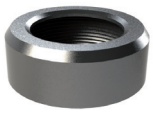
EN 61386

RoHS


MGRN

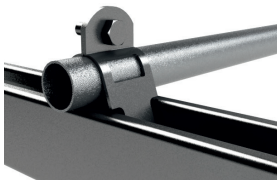

CRC


CRL


BQM


BQ


BC`P


BFT


ABC

	Filling Area			
	SSM		SSS	
ø	cm²	in²	cm²	in²
1/2"	**8,14**	1,26	**7,80**	1,21
3/4"	**14,79**	2,29	**14,07**	2,18
1"	**23,41**	3,63	**22,80**	3,53
1 1/4"	**40,72**	6,31	**39,10**	6,06
1 1/2"	**55,15**	8,55	**52,66**	8,16
2"	**88,58**	13,73	**86,52**	13,41
2 1/2"	**165,13**	25,60	**144,41**	22,38
3"	**205,61**	31,87	**190,74**	29,57
4"	**348,34**	53,99	**328,52**	50,92

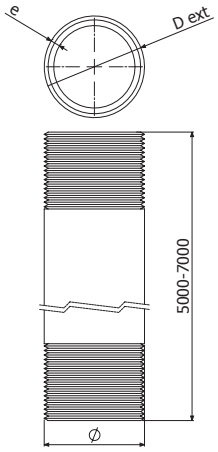
CONDUIT SSM UNE-EN 10255 SM



L = 5~7 m

	Ø	D ext	e	GC	
	inch	mm	mm	REF	kg/m
SSM 1/2"	1/2	21,3	2,6	207338	1,21
SSM 3/4"	3/4	26,9	2,6	207339	1,56
SSM 1"	1	33,7	3,2	207340	2,41
SSM 1 1/4"	1 1/4	42,4	3,2	204474	3,10
SSM 1 1/2"	1 1/2	48,3	3,2	207341	3,56
SSM 2"	2	60,3	3,6	207342	5,03
SSM 3"	3	88,9	4,0	207343	8,36
SSM 4"	4	114,3	4,5	207344	12,50

1 x MGRN + 1 x BQ



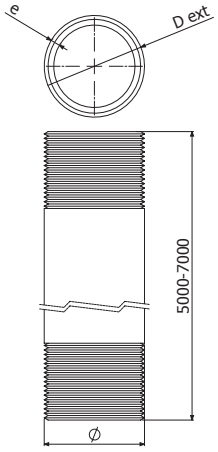
CONDUIT SSS ANSI C80.1



L = 5~7 m

	Ø	D ext	e	GC	
	inch	mm	mm	REF	kg/m
SSS 1/2"	1/2	21,3	2,8	208198	1,26
SSS 3/4"	3/4	26,9	2,9	208199	1,68
SSS 1"	1	33,7	3,4	208200	2,50
SSS 1 1/4"	1 1/4	42,4	3,6	208201	3,37
SSS 1 1/2"	1 1/2	48,3	3,7	208202	4,04
SSS 2"	2	60,3	3,9	208203	5,43
SSS 2 1/2"	2 1/2	73,0	5,2	208204	8,61
SSS 3"	3	88,9	5,5	208205	11,27
SSS 4"	4	114,3	6,0	208206	16,05

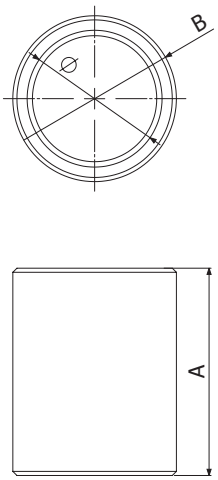
1 x MGRN + 1 x BQ



MGRN



	Ø	A	B	EZ	
	inch	mm	mm	REF	kg/ud
MGRN 1/2"	1/2	30	26	207345	0,05
MGRN 3/4"	3/4	40	32	207346	0,07
MGRN 1"	1	50	39	207347	0,12
MGRN 1.1/4"	1 1/4	52	48	205206	0,16
MGRN 1.1/2"	1 1/2	52	55	207348	0,22
MGRN 2"	2	54	67	207349	0,29
MGRN 2.1/2"	2 1/2	79	83	207531	0,81
MGRN 3"	3	82	98,0	207350	0,88
MGRN 4"	4	89	124	207351	1,51

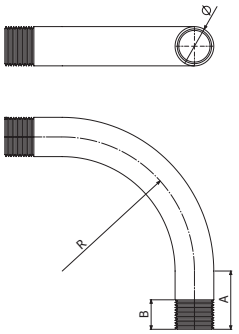


CRC



	Ø	A	B	R	EZ	
	inch	mm	mm	mm	REF	kg/ud
CRC 1/2"	1/2	40	20	100	207472	0,42
CRC 3/4"	3/4	40	20	115	207473	0,53
CRC 1"	1	50	20	145	207474	1,02
CRC 1.1/4"	1 1/4	50	25	185	208192	1,68
CRC 1.1/2"	1 1/2	50	25	210	207475	2,44
CRC 2"	2	50	25	240	207476	3,60
CRC 2.1/2"	2 1/2	110	30	265	208193	6,45
CRC 3"	3	135	30	330	207477	10,50
CRC 4"	4	145	35	410	207478	19,50

1 x MGRN

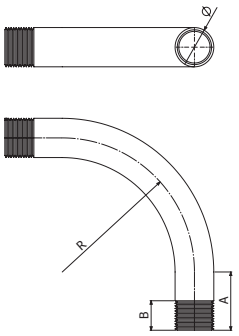


CRL

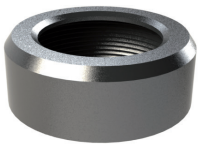


	Ø	A	B	R	EZ	
	inch	mm	mm	mm	REF	kg/ud
CRL 1/2"	1/2	40	20	170	207479	0,50
CRL 3/4"	3/4	40	20	200	207480	0,71
CRL 1"	1	50	20	250	207481	1,34
CRL 1.1/4"	1 1/4	50	25	300	208194	2,13
CRL 1.1/2"	1 1/2	50	25	340	207482	2,96
CRL 2"	2	50	25	420	207483	4,89
CRL 2.1/2"	2 1/2	110	30	530	208195	9,73
CRL 3"	3	135	30	630	207484	15,21
CRL 4"	4	145	35	800	207485	27,29

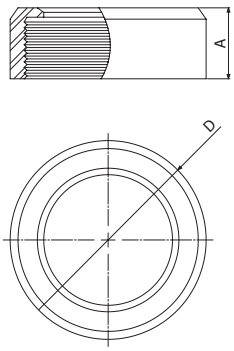
1 x MGRN



BQM



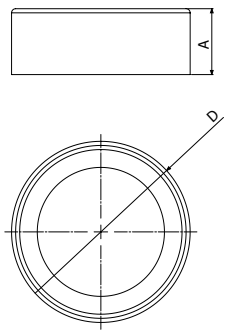
	Ø	D	A	EZ	
	inch	mm	mm	REF	kg/ud
BQM 1/2"	1/2	30	15	208216	0,02
BQM 3/4"	3/4	35	15	208217	0,03
BQM 1"	1	40	18	208218	0,04
BQM 1.1/4"	1 1/4	50	20	208219	0,10
BQM 1.1/2"	1 1/2	55	25	208220	0,13
BQM 2"	2	70	30	208221	0,18
BQM 2.1/2"	2 1/2	85	35	208222	0,25
BQM 3"	3	100	40	208223	0,30
BQM 4"	4	130	45	208224	0,51



BQ

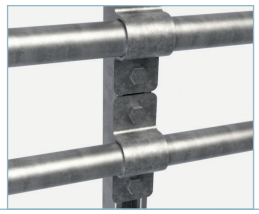


	Ø	D	A	PE	
	inch	mm	mm	REF	kg/ud
BQ 1/2"	1/2	24	15	207379	0,02
BQ 3/4"	3/4	30	17	207380	0,03
BQ 1"	1	38	18	207381	0,04
BQ 1.1/4"	1 1/4	42	20	204902	0,10
BQ 1.1/2"	1 1/2	53	21	207382	0,13
BQ 2"	2	66	24	207383	0,18
BQ 2.1/2"	2 1/2	76	26	207532	0,25
BQ 3"	3	94	28	207384	0,30
BQ 4"	4	120	32	207385	0,51



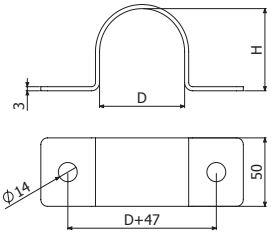
BCP



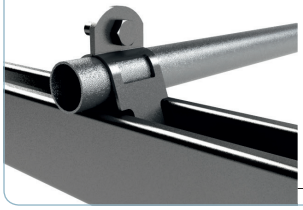


	D	H	GC	
	mm	mm	REF.	kg/ud
BCP 1/2"	24	21	209478	0,07
BCP 3/4"	30	26,5	209479	0,08
BCP 1"	36	33,5	209480	0,09
BCP 1 1/4"	45	42	209481	0,10
BCP 1 1/2"	51	48	209482	0,11
BCP 2"	63	60	209483	0,29
BCP 2 1/2"	76	72,7	217608	0,33
BCP 3"	93	88,5	209484	0,38
BCP 4"	117	114	209485	0,46

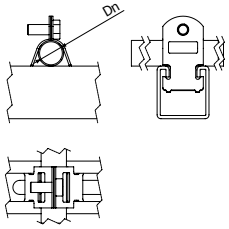
2 x DIN933 M10x30 i304 (217547) + 2 x TM41 M10 GC (217584)



BFT



	Dn	e	GC	
	mm	mm	REF.	kg/ud
BFT 1/2"	20,5-21,4	1,5	214642	0,06
BFT 3/4"	25,4-26,9	1,5	214643	0,07
BFT 1"	32,8-33,4	1,5	214644	0,08
BFT 1.1/4"	41,3-42,4	2	214645	0,09
BFT 1.1/2"	47,6-50	2	214646	0,10
BFT 2"	59,5-62,2	2,5	214647	0,12
BFT 2.1/2"	69,9-73,0	2,5	214648	0,14
BFT 3"	84,0-88,9	2,5	214649	0,16
BFT 4"	111,1-115,3	2,5	214650	0,20

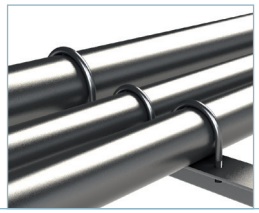


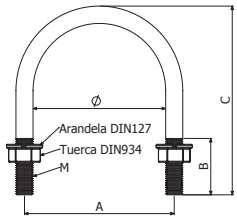
ABC

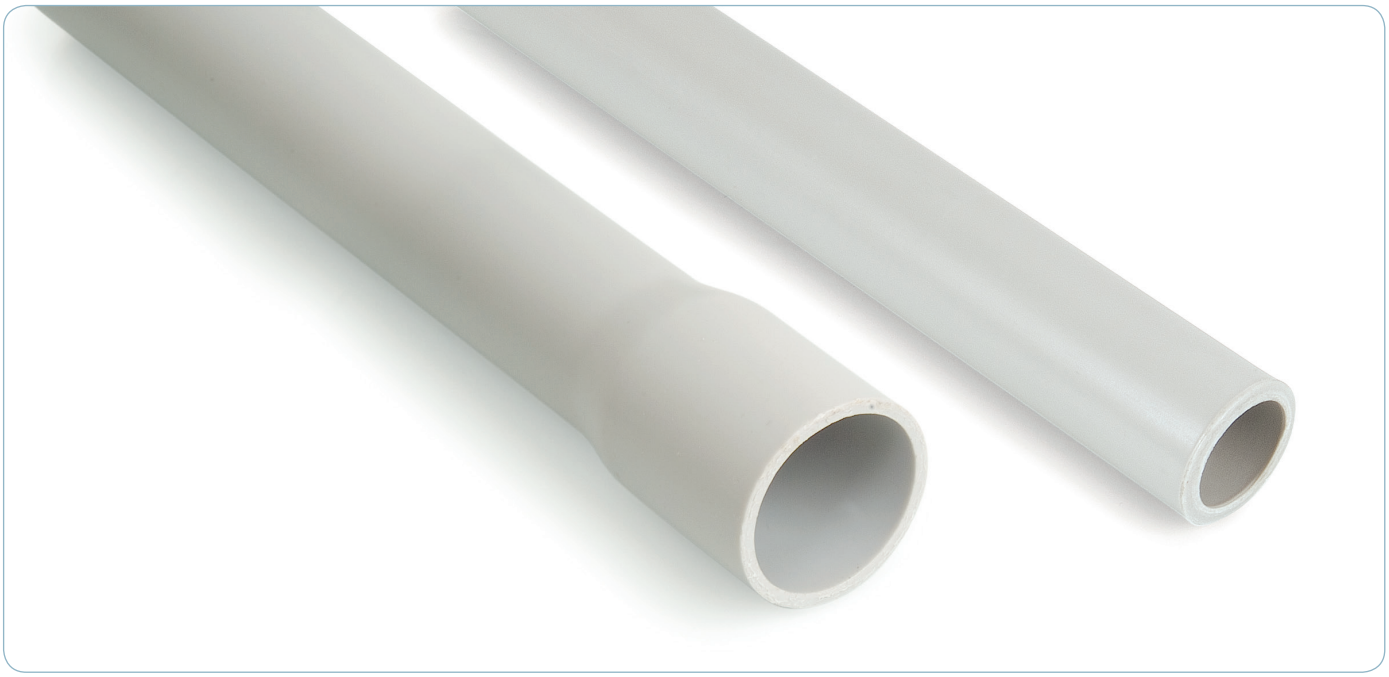


	Ø	A	B	C	M	EZ	
	inch	mm	mm	mm		REF	kg/ud
ABC 1/2"	1/2	30	17	42	M6	207458	0,03
ABC 3/4"	3/4	35	19	50	M6	207459	0,03
ABC 1"	1	42	24	62	M6	207460	0,04
ABC 1.1/4"	1 1/4	51	24	71	M6	208190	0,04
ABC 1.1/2"	1 1/2	59	26	80	M8	207461	0,08
ABC 2"	2	71	26	91	M8	207462	0,09
ABC 2.1/2"	2 1/2	85	35	117	M10	208191	0,18
ABC 3"	3	101	35	130	M10	207463	0,20
ABC 4"	4	127	35	155	M10	207464	0,24

	Ø	A	B	C	M	GC	
	inch	mm	mm	mm		REF	kg/ud
ABC 1/2"	1/2	32	17	42	M8	208207	0,03
ABC 3/4"	3/4	37	19	50	M8	208208	0,03
ABC 1"	1	44	24	62	M8	208209	0,04
ABC 1.1/4"	1 1/4	53	24	71	M8	208210	0,04
ABC 1.1/2"	1 1/2	59	26	80	M8	208211	0,08
ABC 2"	2	71	26	91	M8	208212	0,09
ABC 2.1/2"	2 1/2	85	35	117	M10	208213	0,18
ABC 3"	3	101	35	130	M10	208214	0,20
ABC 4"	4	127	35	155	M10	208215	0,24







RE1250 RLH



	DN		h		UNE-EN	IP	IK	RLH 7035	
	mm	inch	mm	inch	61386			REF.	kg/m
RE1250 16	16	5/8"	14	5/9"	4322	54	07	206453	0,08
RE1250 20	20	4/5"	16	5/8"	4322	54	07	206454	0,11
RE1250 25	25	1"	20	4/5"	4322	54	07	206455	0,15
RE1250 32	32	1 1/4"	22	6/7"	4322	54	07	206456	0,23
RE1250 40	40	1 4/7"	26	1"	4322	54	07	206457	0,29
RE1250 50	50	2"	31	1 209"	4322	54	07	206458	0,40
RE1250 63	63	2 1/2"	60	2 3/8"	4322	54	07	206459	0,58

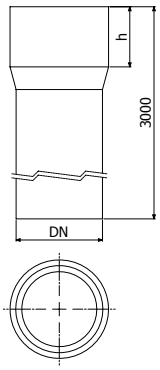






EN 50642:2018





R1250 CLH



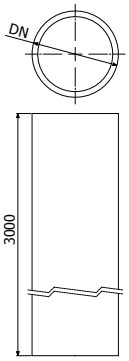
	DN		UNE-EN	IK	CLH 7035	
	mm	inch	61386		REF.	kg/m
R1250 16	16	5/8"	4422	08	207217	0,09
R1250 20	20	4/5"	4422	08	207218	0,11
R1250 25	25	1"	4422	08	207219	0,15
R1250 32	32	1 1/4"	4422	08	207220	0,21
R1250 40	40	1 4/7"	4422	08	207221	0,31
R1250 50	50	2"	4422	08	207222	0,41
R1250 63	63	2 1/2"	4422	08	207223	0,56





EN 50642:2018



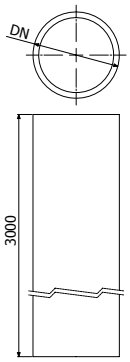


R750 CLH



	DN		UNE-EN	IK	CLH 7035	
	mm	inch	61386		REF.	kg/m
R750 16	16	5/8"	3322	07	218683	0,07
R750 20	20	4/5"	3322	07	218684	0,09
R750 25	25	1"	3322	07	218685	0,11
R750 32	32	1 1/4"	3322	07	218686	0,16

JUR 1250 · 1250N · 6J · HALOGEN FREE · EN 50642:2018 · -5°C · 90°C · RoHS · V0

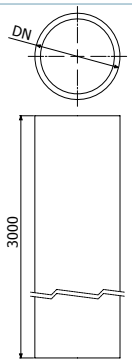


R1250 PVC



	DN		UNE-EN	IK	PVC 7035	
	mm	inch	61386		REF.	kg/m
R1250 16	16	5/8"	4321	07	206460	0,13
R1250 20	20	4/5"	4321	07	206461	0,17
R1250 25	25	1"	4321	07	206462	0,25
R1250 32	32	1 1/4"	4321	07	206463	0,32
R1250 40	40	1 4/7"	4321	07	206464	0,41
R1250 50	50	2"	4321	07	206465	0,56
R1250 63	63	2 1/2"	4321	07	206466	0,78

JUR 1250 · 1250N · 2J · -5°C · 60°C · RoHS · V0

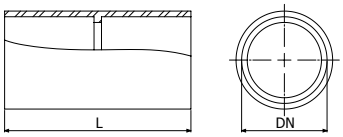


JUR1250



	DN		L		IP	RLH 7035	
	mm	inch	mm	inch		REF.	kg/ud
JUR1250 16	16	5/8"	50	2"	40	206732	0,01
JUR1250 20	20	4/5"	55	2 1/6"	40	206733	0,01
JUR1250 25	25	1"	60	2 3/8"	40	206734	0,01
JUR1250 32	32	1 1/4"	70	2 3/4"	40	206735	0,02
JUR1250 40	40	1 4/7"	80	3 1/7"	40	206736	0,03
JUR1250 50	50	2"	90	3 1/2"	40	206737	0,04
JUR1250 63	63	2 1/2"	130	5 1/8"	40	206738	0,05

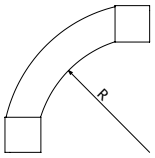
-5°C · 90°C · IP 40 · RoHS · V2 · HALOGEN FREE · EN 50642:2018



CPR



	DN		R		IP	RLH 7035		PVC 7035	
	mm	inch	mm	inch		REF.	kg/ud	REF.	kg/ud
CPR 16	16	5/8"	54	2 1/8"	40	206739	0,01	218790	0,01
CPR 20	20	4/5"	67	2 203"	40	206740	0,02	218791	0,02
CPR 25	25	1"	85	3 1/3"	40	206741	0,04	218792	0,04
CPR 32	32	1 1/4"	110	4 1/3"	40	206742	0,07	218793	0,07
CPR 40	40	1 4/7"	138	5 3/7"	40	206743	0,10	218794	0,10
CPR 50	50	2"	172	6 7/9"	40	206744	0,18	218795	0,18



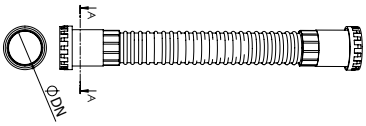
-5°C 90°C IP 40 RoHS V2 HALOGEN FREE

EN 50642:2018

CFR



	DN		L		IP	RLH 7035	
	mm	inch	mm	inch		REF.	kg/ud
CFR 16	16	5/8"	220	8 203"	65	206819	0,08
CFR 20	20	4/5"	230	9"	65	206820	0,10
CFR 25	25	1"	540	9 4/9"	65	206821	0,11
CFR 32	32	1 1/4"	270	10 5/8"	65	206822	0,12
CFR 40	40	1 4/7"	300	11 4/5"	65	206823	0,13
CFR 50	50	2"	340	13 205"	65	206824	0,14



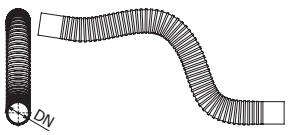
-5°C 90°C IP 65 RoHS V2 HALOGEN FREE

EN 50642:2018

CFR2



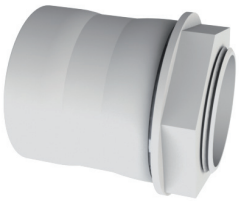
	DN		L		IP	PVC 7035	
	mm	inch	mm	inch		REF.	kg/ud
CFR2 16	16	5/8"	280	8 5/8"	64	207432	0,08
CFR2 20	20	4/5"	280	8 5/8"	64	207433	0,10
CFR2 25	25	1"	340	13 3/8"	64	207434	0,13
CFR2 32	32	1 1/4"	380	14 15/16"	64	207435	0,16



-5°C 90°C IP 64 RoHS V2 HALOGEN FREE

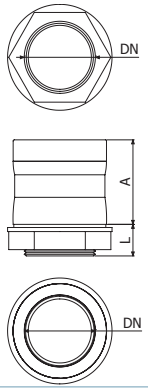
EN 50642:2018

MCR1250



	DN		L	A	IP	RLH 7035	
	mm	inch	mm	mm		REF.	kg/ud
MCR1250 16	16	5/8"	15	42	67	206746	0,02
MCR1250 20	20	4/5"	15	44	67	206747	0,02
MCR1250 25	25	1"	15	47	67	206748	0,03
MCR1250 32	32	1 1/4"	16	52	67	206749	0,04
MCR1250 40	40	1 4/7"	16	64	67	206750	0,08
MCR1250 50	50	2"	18	72	67	206751	0,09

-5°C 90°C IP 67 RoHS V2 HALOGEN FREE
EN 50642:2018

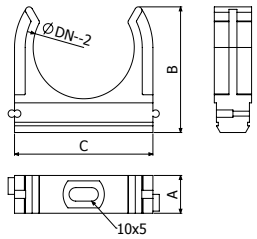


SPR1250



	DN		A		B		C		F	RLH 7035	
	mm	inch	mm	inch	mm	inch	mm	inch	kg	REF.	kg/ud
SPR1250 16	16	5/8"	12	1/2"	25	1"	21	5/6"	3	206753	0,01
SPR1250 20	20	4/5"	12	1/2"	28	1 1/9"	26	1"	3	206754	0,01
SPR1250 25	25	1"	12	1/2"	32	1 1/4"	31	1 209"	3	206755	0,01
SPR1250 32	32	1 1/4"	12	1/2"	43	1 203"	44	1 3/4"	3	206756	0,01
SPR1250 40	40	1 4/7"	14	5/9"	50	2"	52	2"	3	206757	0,01
SPR1250 50	50	2"	14	5/9"	56	2 1/5"	62	2 4/9"	3	206758	0,02

-5°C 90°C RoHS V2 HALOGEN FREE
EN 50642:2018



ABR1250

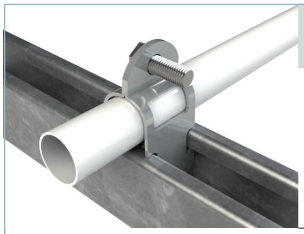


	DN		F	RLH 7035	
	mm	inch	kg	REF.	kg/ud
ABR1250 16-32	16/32	5/8"-1 1/4"	15	206760	0,01
ABR1250 20-63	20/63	4/5 - 2 1/2"	15	206761	0,01

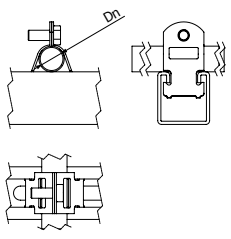
-5°C 90°C RoHS V2 HALOGEN FREE
EN 50642:2018

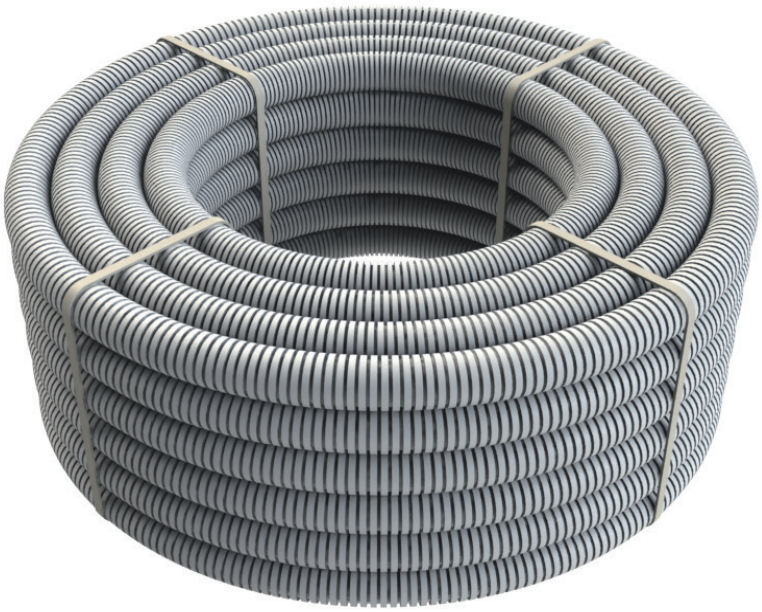


BFT



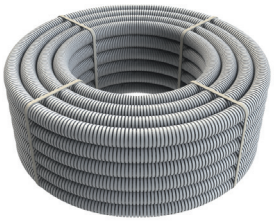
	Dn	e	EZ	
	mm	mm	REF.	kg/ud
BFT 20	17,9-20	1,5	206811	0,06
BFT 25	23,4-25,4	1,5	206812	0,07
BFT 32	29,5-32	1,5	206813	0,08
BFT 40	38,4-40,6	2	206814	0,09
BFT 50	50,3-53,7	2	206815	0,10



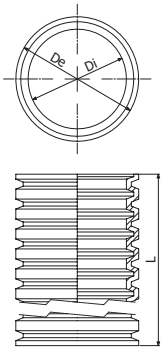


-5°C 90°C 320N 2J RoHS HALOGEN FREE

COFLEX



	Dext		Dint		L		UNE-EN	RLH 7035	
	mm	inch	mm	inch	m	ft	61386	REF.	kg/m
COFLEX 16	16	5/8"	11	3/7"	100	328	2322	206995	0,032
COFLEX 20	20	4/5"	15	3/5"	100	328	2322	206996	0,044
COFLEX 25	25	1"	20	4/5"	75	246	2322	206997	0,056
COFLEX 32	32	1 1/4"	27	1"	50	164	2322	206998	0,081
COFLEX 40	40	1 4/7"	34	1 1/3"	25	82	2322	206999	0,114
COFLEX 50	50	2"	44	1 3/4"	25	82	2322	207000	0,160

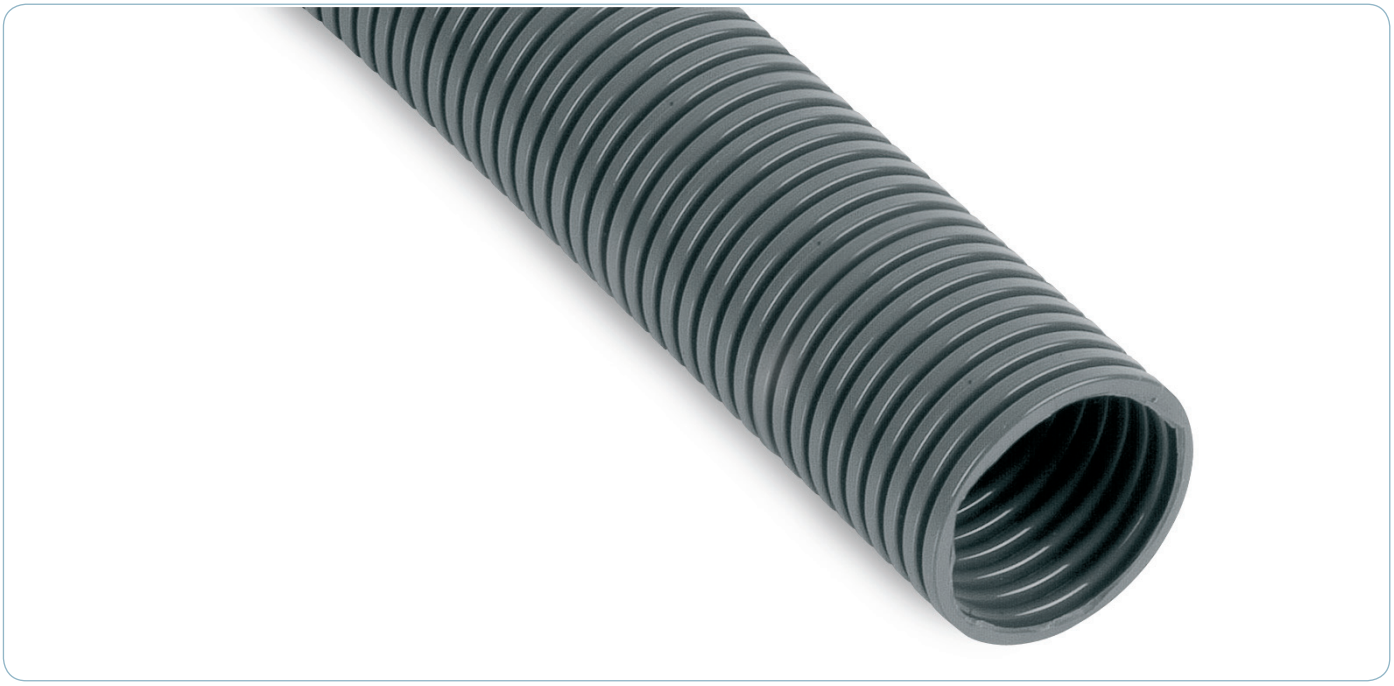




basorflex

FLEXL ..... P. 04





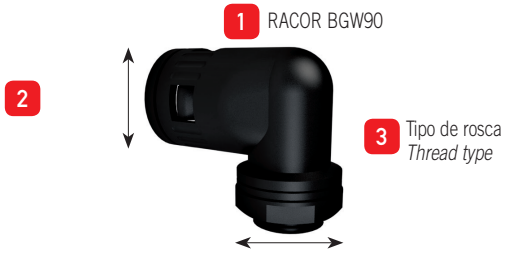
SELECCIÓN DE ACCESORIOS FLEXL / *HOW TO SELECT FLEXL ACCESSORIES*

Tamaño Rosca *Thread Size*	Ø ext (mm)
PG7	12,5
PG9	15,2
PG11	18,6
PG13,5	20,4
PG16	22,5
PG21	28,3
PG29	37,0
PG36	47,0
PG42	54,0
PG48	59,3

Para seleccionar un accesorio siga los siguientes pasos:
To select an accessory follow the next steps:

BGW90 10 PG 07

1. Tipo de accesorio *Type of accessory*
2. Diámetro nominal del tubo para el que buscamos accesorio *Nominal diameter of the conduit for which we are looking the accessory*
3. Tipo de rosca y tamaño *Thread type and size*

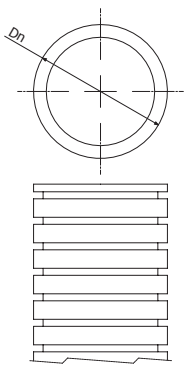


FLEXL





	Dn mm	Dmax mm	Dmin mm	rmin mm	UNE-EN 61386	PA6 7031 REF.	PA6 7031 kg/m	PA6 9011 REF.	PA6 9011 kg/m
FLEXL 10	10	10	6,5	15	2432	206517	0,02	206526	0,02
FLEXL 13	13	13	10	20	2432	206518	0,02	206527	0,02
FLEXL 16	16	16	12	30	2432	206519	0,04	206528	0,04
FLEXL 18	18	18,5	14	40	2432	206520	0,04	206529	0,04
FLEXL 21	21	21	17	45	2432	206521	0,06	206530	0,06
FLEXL 28	28	28,7	23	55	2432	206522	0,08	206531	0,08
FLEXL 34	34	34,5	29	65	2432	206523	0,10	206532	0,10
FLEXL 42	42	42,5	36	80	2432	206524	0,16	206533	0,16
FLEXL 54	54	54,5	48	95	2432	206525	0,20	206534	0,20



FLEXL 10/16/18/21/28 -> L=50 m (164 ft)
FLEXL 13 -> L=100 m (328 ft)
FLEXL 34/42/54 -> L=25 m (82 ft)

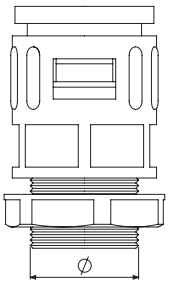


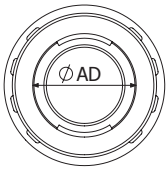
BGQ PG


RAL 7031


RAL 9011

	AD	Rosca	ø		UNE-EN	PA6 7031		PA6 9011	
	mm	PG	mm	inch	61386	REF.	kg/ud	REF.	kg/ud
BGQ 10PG07	10	7	12,50	0,49	1353	206597	0,01	206608	0,01
BGQ 13PG09	13	9	15,20	0,60	1353	206598	0,01	206609	0,01
BGQ 16PG11	15,8	11	18,60	0,73	1353	206599	0,01	206610	0,01
BGQ 16PG13	15,8	13,5	20,40	0,80	1353	206600	0,01	206611	0,01
BGQ 18PG13	18,5	13,5	20,40	0,80	1353	206601	0,02	206612	0,02
BGQ 21PG13	21,2	13,5	20,40	0,80	1353	206602	0,02	206613	0,02
BGQ 21PG16	21,2	16	22,50	0,89	1353	206603	0,02	206614	0,02
BGQ 28PG21	28,5	21	28,30	1,11	1353	206604	0,03	206615	0,03
BGQ 34PG29	34,5	29	37,00	1,46	1353	206605	0,04	206616	0,04
BGQ 42PG36	42,5	36	47,00	1,85	1353	206606	0,06	206617	0,06
BGQ 54PG48	54,5	48	59,30	1,94	1353	206607	0,09	206618	0,09





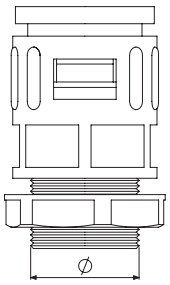
-40°C 85°C 125N 2J RoHS IP 68 V2 HALOGEN FREE RAL 9011

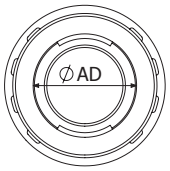
BGQ M


RAL 7031


RAL 9011

	AD	ø	UNE-EN	PA6 7031		PA6 9011	
	mm	M	61386	REF.	kg/ud	REF.	kg/ud
BGQ 10M12	10	12	1353	206639	0,01	206650	0,01
BGQ 13M16	13	16	1353	206640	0,01	206651	0,01
BGQ 16M16	15,8	16	1353	206641	0,01	206652	0,01
BGQ 16M20	15,8	20	1353	206642	0,02	206653	0,02
BGQ 18M20	18,5	20	1353	206643	0,02	206654	0,02
BGQ 21M20	21,2	20	1353	206644	0,02	206655	0,02
BGQ 28M25	28,5	25	1353	206645	0,03	206656	0,03
BGQ 34M32	34,5	32	1353	206646	0,04	206657	0,04
BGQ 42M40	42,5	40	1353	206647	0,07	206658	0,07
BGQ 54M50	54,5	50	1353	206648	0,10	206659	0,10
BGQ 54M63	54,5	63	1353	206649	0,10	206660	0,10





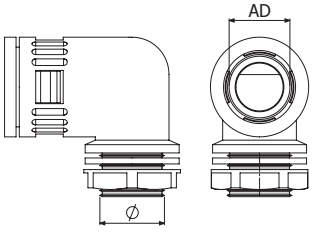
-40°C 85°C 125N 2J RoHS IP 68 V2 HALOGEN FREE RAL 9011

BGW PG


RAL 7031


RAL 9011

	AD	Rosca	ø		PA6 7031		PA6 9011	
	mm	PG	mm	inch	REF.	kg/ud	REF.	kg/ud
BGW90 10PG07	10	7	12,50	0,49	206619	0,01	206629	0,01
BGW90 13PG09	13	9	15,20	0,60	206620	0,02	206630	0,02
BGW90 16PG11	15,8	11	18,60	0,73	206621	0,02	206631	0,02
BGW90 16PG13	15,8	13	20,40	0,80	206622	0,02	206632	0,02
BGW90 21PG13	21,2	13	20,40	0,80	206623	0,02	206633	0,02
BGW90 21PG16	21,2	16	22,50	0,89	206624	0,02	206634	0,02
BGW90 28PG21	28,5	21	28,30	1,11	206625	0,04	206635	0,04
BGW90 34PG29	34,5	29	37,00	1,46	206626	0,06	206636	0,06
BGW90 42PG36	42,5	36	47,00	1,85	206627	0,10	206637	0,10
BGW90 54PG48	54,5	48	59,30	1,94	206628	0,15	206638	0,15



-40°C 85°C 125N 2J RoHS IP 66 V2 HALOGEN FREE RAL 9011

BGW M

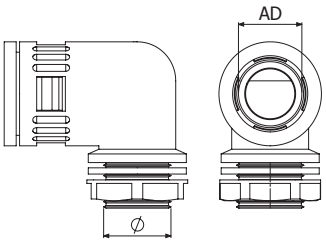


RAL 7031



RAL 9011

	AD	Rosca	PA6 7031		PA6 9011	
	mm	M	REF.	kg/ud	REF.	kg/ud
BGW90 10M12	10	12	206661	0,01	206671	0,01
BGW90 13M16	13	16	206662	0,02	206672	0,02
BGW90 16M16	15,8	16	206663	0,02	206673	0,02
BGW90 16M20	15,8	20	206664	0,02	206674	0,02
BGW90 21M20	21,2	20	206665	0,02	206675	0,02
BGW90 28M25	28,5	25	206666	0,04	206676	0,04
BGW90 34M32	34,5	32	206667	0,06	206677	0,06
BGW90 42M40	42,5	40	206668	0,10	206678	0,10
BGW90 54M50	54,5	50	206669	0,15	206679	0,15
BGW90 54M63	54,5	63	206670	0,16	206680	0,16







SPFLEX

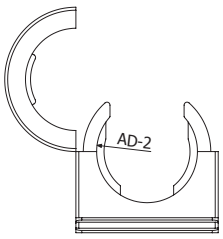


RAL 7031



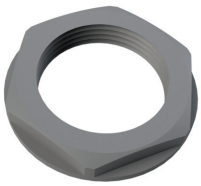
RAL 9011

	AD	PA6 7031		PA6 9011	
	mm	REF.	kg/ud	REF.	kg/ud
SPFLEX 10	10	206681	0,01	206690	0,01
SPFLEX 13	13	206682	0,01	206691	0,01
SPFLEX 16	15,8	206683	0,01	206692	0,01
SPFLEX 18	18,5	206684	0,01	206693	0,01
SPFLEX 21	21,2	206685	0,01	206694	0,01
SPFLEX 28	28,5	206686	0,01	206695	0,01
SPFLEX 34	34,5	206687	0,01	206696	0,01
SPFLEX 42	42,5	206688	0,02	206697	0,02
SPFLEX 54	54,5	206689	0,02	206698	0,02



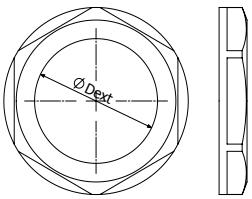


TRFLEX PG



RAL 7016

	Dext	PA6 7031	
	PG	REF.	kg/ud
TRFLEX PG07	7	217568	0,01
TRFLEX PG09	9	217569	0,01
TRFLEX PG11	11	217570	0,01
TRFLEX PG13	13	217571	0,01
TRFLEX PG16	16	217572	0,01
TRFLEX PG21	21	217573	0,01
TRFLEX PG29	29	217574	0,01
TRFLEX PG36	36	217575	0,01
TRFLEX PG48	48	217576	0,01



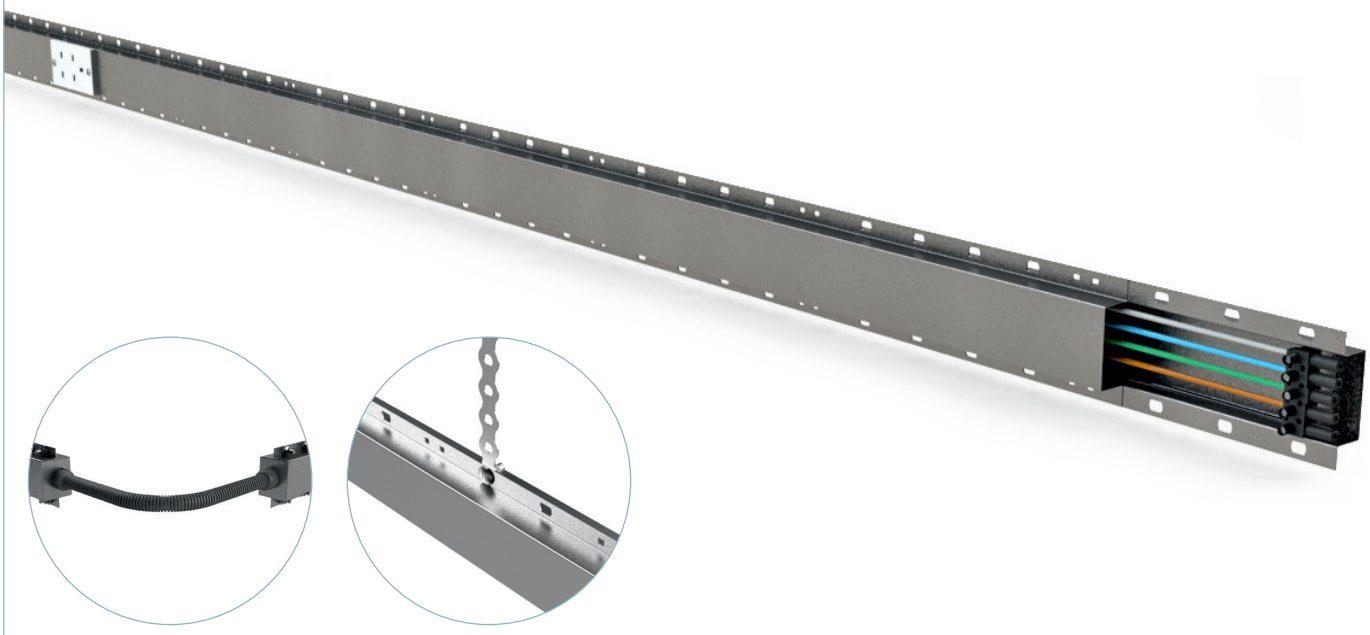




trunking

TRUNKING ..... P. 04





50 Hz

L > 100 m

RoHS

IP5X

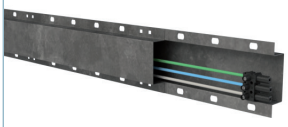
HALOGEN FREE

	REF.			ITS (A)	Ø Cu mm²		IT (A)	Ø Cu mm²	m
FN 20A-1T 3M	206478	2	0	-	-	1	20	2,5	3
FN 20A-2T 3M	206778	2	0	-	-	2	20	2,5	3
3FN 20A-1TS 3M	206775	4	1	20	2,5	0	-	-	3
3FN 20A-2TS 3M	206777	4	2	20	2,5	0	-	-	3
3FN 25A-1TS 3M	206789	4	1	25	4	0	-	-	3
3XFN 20A-3T 5M	200385	4	0	-	-	3	20	2,5	5
3FN+E 20A-2TS/20A-1T 3M	206788	4	2	20	2,5	1	20	2,5	3
3FN+E 25A-1TS/20A-1T 3M	206790	4	1	25	4	1	20	2,5	3

	Ref.	Caída de tensión unitaria [V/A.km] a 40ºC *Unitary voltage drop [V/A.km] a 40ºC*		
		Cosφ=0,8	Cosφ=0,9	Cosφ=1
FN 20A-1T 3M	206478	5,59	6,27	6,92
FN 20A-2T 3M	206788	5,70/5,62(E)	6,40/6,30(E)	7,06/6,95(E)
3FN 20A-1TS 3M	206775	5,62	6,30	6,95
3FN 20A-2TS 3M	206777	5,70	6,40	7,06
3FN 25A-1TS 3M	206789	3,51	3,93	4,33
3XFN 20A-3T 5M	200385	5,73	6,43	7,09
3FN+E 20A-2TS/20A-1T 3M	206788	5,70/5,62(E)	6,40/6,30(E)	7,06/6,95(E)
3FN+E 25A-2TS/20A-1T 3M	206790	3,51/3,51(E)	3,93/3,93(E)	4,33/4,33(E)

Caída de tensión unitaria: Unitary voltage drop:	eu=k.(e/L.I)
eu,	Caída de tensión unitaria en voltios *Unitary voltage drop in volts*
e,	Caída de tensión (Voltios) *Voltage drop (volts)*
L,	Longitud de la canalización (km) *Lenght of the trunking (km)*
I,	Intensidad de servicio (A) *Intensity of service (A)*
k,	Factor de la distribución de la corriente *Distribution factor of the current*

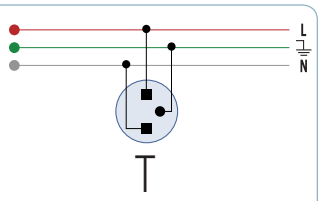
FN



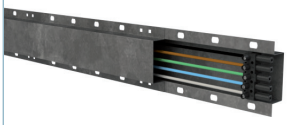
L = 3 m (10 ft)

	IT (A)		GS REF.	GS kg/m
FN 20A-1T 3M	20	1	206478	1,17
FN 20A-2T 3M	20	2	206778	1,27

6 x DIN933 M6x20 (217548 - EZ) + 6 x DIN6923 M6 (217552 - EZ)



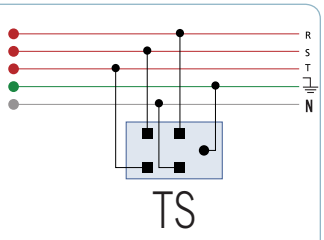
3FN



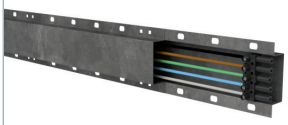
L = 3 m (10 ft)

	ITS (A)		GS REF.	GS kg/m
3FN 20A-1TS 3M	20	1	206775	1,25
3FN 20A-2TS 3M	20	2	206777	1,46
3FN 25A-1TS 3M	25	1	206789	1,38

6 x DIN933 M6x20 (217548 - EZ) + 6 x DIN6923 M6 (217552 - EZ)



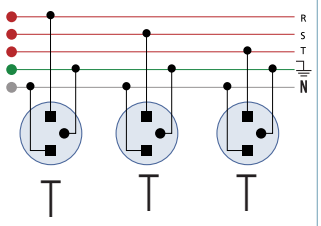
3XFN



L = 5 m (16,4 ft)

	IT (A)		GS REF.	GS kg/m
3XFN 20A-3T 5M	20	3	200385	2,19

6 x DIN933 M6x20 (217548 - EZ) + 6 x DIN6923 M6 (217552 - EZ)



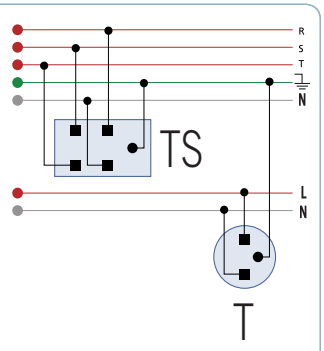
3FN+E



L = 3 m (10 ft)

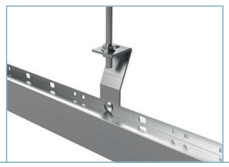
	ITS (A)		IT (A)		GS REF.	GS kg/m
3FN+E 20A-2TS/20A-1T 3M	20	2	20	1	206788	1,45
3FN+E 25A-1TS/20A-1T 3M	25	1	20	1	206790	1,50

6 x DIN933 M6x20 (217548 - EZ) + 6 x DIN6923 M6 (217552 - EZ)



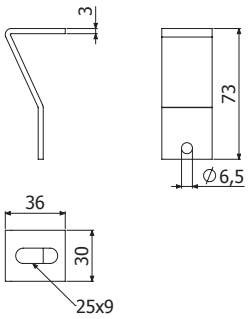
SFN





	GS	
	REF.	kg/m
SFN	205534	0,08

1 x DIN933 M6x20 (217548 - EZ) + 1 x DIN6923 M6 (217552 - EZ)



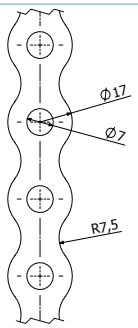
CSJ



	GS	
	REF.	kg/m
CSJ	204291	0,11

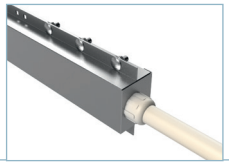
M6

L = 1 m (3 ft)



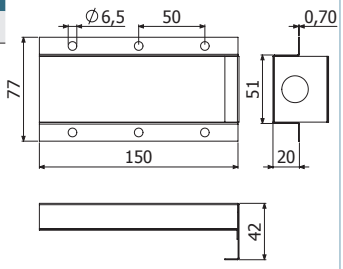
TFN





	GS	
	REF.	kg/m
TFN	200401	0,12

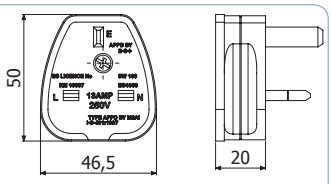
6 x DIN933 M6x20 (217548 - EZ) + 6 x DIN6923 M6 (217552 - EZ)



CLV-T



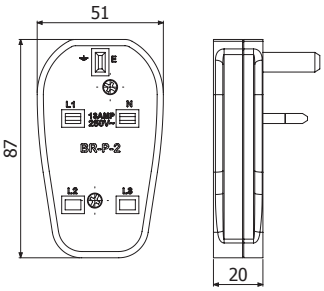
	REF.	kg/m
CLV-T	200402	0,06



CLV-TS



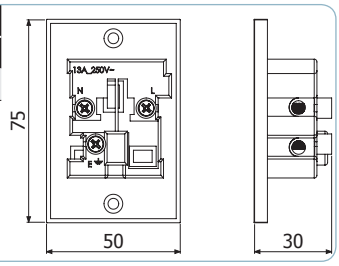
	REF.	kg/m
CLV-TS	206513	0,08



B-T



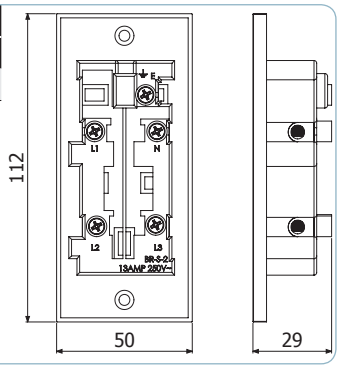
	REF.	kg/m
B-T	204723	0,04



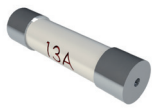
B-TS



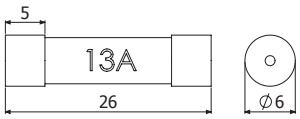
	REF.	kg/m
B-TS	204912	0,07



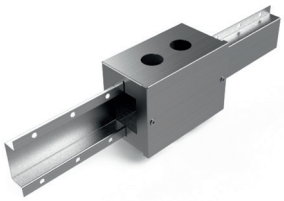
F13A

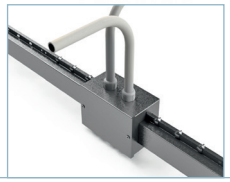


	REF.	kg/m
F13A	200404	0,01



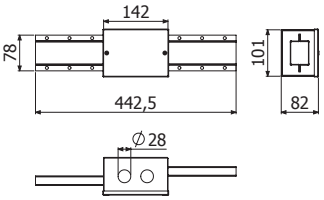
KADP





	GS	
	REF.	kg/m
KADP	200400	0,88

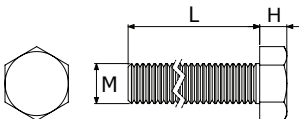
12 x DIN933 M6x20 (217548 - EZ) + 12 x DIN6923 M6 (217552 - EZ)



DIN933



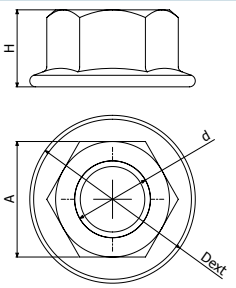
	P	M	L	H	EZ	
	N-m	mm	mm	mm	REF.	kg/ud
DIN933 M6X20	8	6	20	4,1	217548	0,02



DIN6923



	d	Dext	A	H	EZ	
		mm	mm	mm	REF.	kg/ud
DIN6923 M6	M6	14	10	6	217552	0,01







basorfix

41/82 ..... P. 04

CT, RA ..... P. 16

OBP, OBC, OAP, OAC, OR ..... P. 17

SE/SEG/TRIPLE/IM/SE41 ..... P. 18

GV2, GVV2, BRP, BCA, CSJ, BVLC ..... P. 20

DIN976, SBC, SBL, SBZ ..... P. 22

DIN933, DIN912, DIN934, DIN125, DIN6923, DIN9021, ISO7380-2 ..... P. 23

SCM, CCM, CM ..... P. 24

TT, TTL ..... P. 25

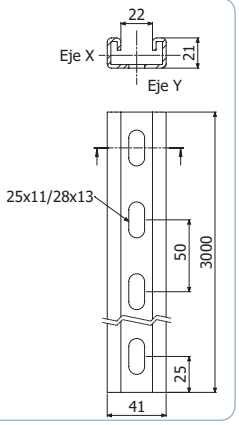
FPS ..... P. 26

P41 41X21



L = 3 m (10 ft)

	e	A		Wx		Wy		GS		GC	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/m
41X21X1,5 D11X25	1,5	**1,44**	0,22	**0,79**	0,05	**1,86**	0,11	206366	1,12	☎	☎
41x21x2 D13x28	2	**1,84**	0,28	**0,94**	0,06	**2,34**	0,14	218677	1,47	☎	☎
41X21X2,5 D11X25	2,5	**2,14**	0,33	**1,08**	0,07	**2,73**	0,16	200235	1,71	200236	1,76

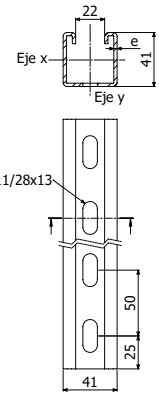


P41 41X41

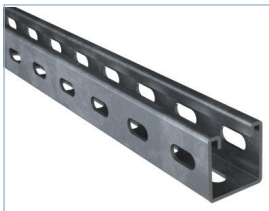


L = 3 m (10 ft)

	e	A		Wx		Wy		GS		GC		i304		i316	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/m	REF.	kg/ud	REF.	kg/ud
41X41X1,5 D11X25	1,5	**1,95**	0,30	**2,09**	0,12	**2,92**	0,17	206365	1,59	☎	☎	218079	1,67	218440	1,67
41X41X2 D11X25	2	**2,63**	0,40	**2,81**	0,17	**3,81**	0,23	205500	2,02	☎	☎	218080	2,02	218441	2,02
41X41X2,5 D11X25	2,5	**3,21**	0,50	**3,20**	0,19	**4,59**	0,28	200233	2,45	200234	2,60	-	-	-	-
41X41X2,5 D11X25 6M	2,5	**3,21**	0,50	**3,20**	0,19	**4,59**	0,28	-	-	207014	2,60	-	-	-	-
41X41X2,5 D13X28	2,5	**3,16**	0,49	**3,16**	0,19	**4,58**	0,28	207388	2,42	218737	2,54	-	-	-	-

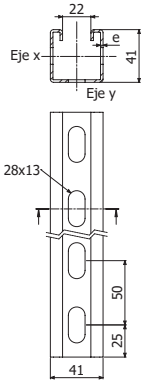


P41-3S 41X41X2

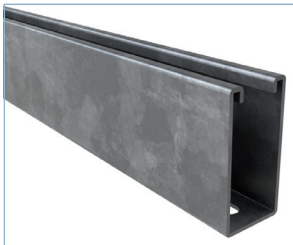


L = 3 m (10 ft)

	e	A		Wx		Wy		GS		GC	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/m
41X41X2-3S D13X28	2	**2,08**	0,32	**2,68**	0,16	**2,86**	0,19	217313	2,02	217312	2,217

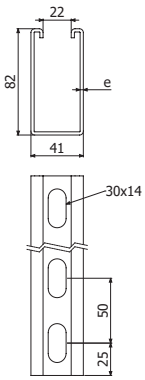


P41 41X82

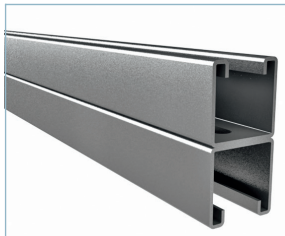


L = 3 m (10 ft)

	e	A		Wx		Wy		GC	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m
P41 41X82X2,5 D14x30	2,5	5,26	0,81	9,76	0,59	8,3	0,5	212102	4,44

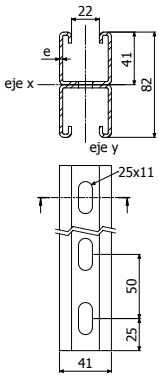


P41-D 41X82



L = 3 m (10 ft)

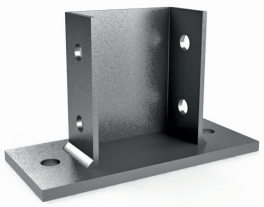
	e	A		Wx		Wy		GC		i304		i316	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/ud	REF.	kg/ud
P41-D 41X82X2 D11X25	2	5,25	0,81	7,96	0,48	7,63	0,46	☎	☎	218081	4,04	218442	4,04
P41-D 41X82X2,5 D11X25	2,5	6,37	0,98	9,49	0,57	9,11	0,55	205573	5,31	-	-	-	-

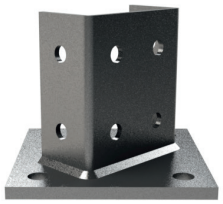


A


K41


K41-3S


K82


K82ME


SBL41


SBL41-3S

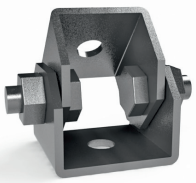

KA41


SB41

A

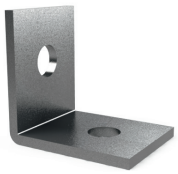

4182CR


4182TE


4182CV


4182A


4182B


4182C


4182CD


4182D


4182E


4182F


4182G

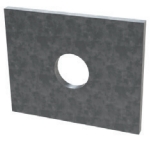

4182I


SB41


SBL41


4182H

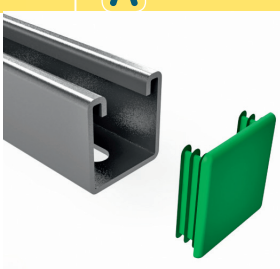

4182J


4182K

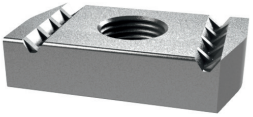

4182L

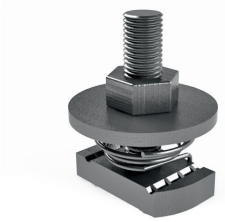

4182M

A


TF41

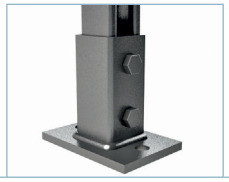

TM41


TAD


TEP

K41

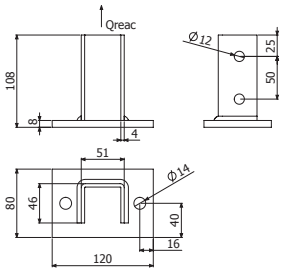






	Qreac	GC		i304		i316	
	kg	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
K41	700	205622	0,83	218082	0,80	218101	0,82

2 x DIN933 M10X30 (217547 -i304 / 217600-i316)) + 2 x TM41 M10 (217584 -GC / 218525-I304 / 217612-I316))



K41-3S

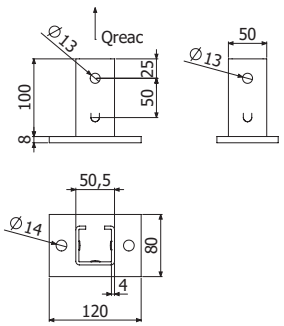




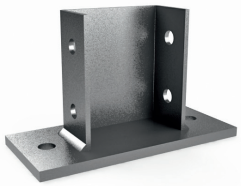


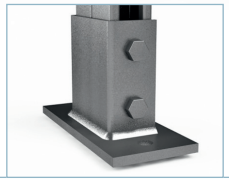
	EZ	
	REF.	kg/ud
K41-3S	218656	0,58

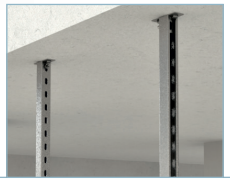
2 x CT2 M10X65 (218704-EZ)



K82

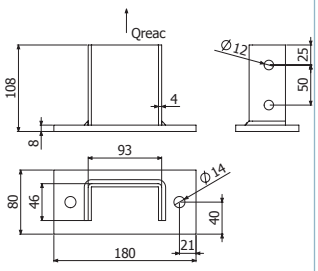




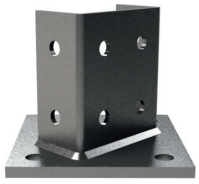


	Qreac	GC		i304		i316	
	kg	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
K82	1100	205574	1,44	218083	1,42	218102	1,42

4 x DIN933 M10X30 (217547-i304 / 217600-i316)) + 4 x TM41 M10 (217584 -GC / 218525-I304 / 217612-I316))



K82ME

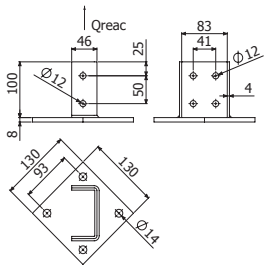




	Qreac	GC		i304		i316	
	kg	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
K82ME	1100	207020	1,57	218084	1,56	218103	1,42

1x + + 2 x DIN933 M10X30 (217547-i304 / 217600-i316)) + 2 x TM41 M10 (217584 -GC / 218525-I304 / 217612-I316)) + 2050 x B3 (208827-GC / 212096-I304 / 215575-I316)

2x 4 x DIN933 M10X30 (217547-i304 / 217600-i316)) + 4 x TM41 M10 (217584 -GC / 218525-I304 / 217612-I316))



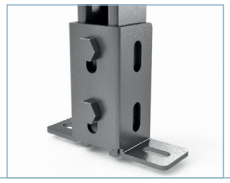
SBL41



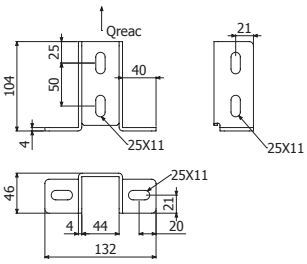
	Qreac	e	GS		GC		i304		i316	
	kg	mm	REF.	kg/m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SBL41	600	4	207058	0,40	206472	0,44	218085	0,40	218104	0,40

2 x DIN933 M10X30 ((217559-EZ / 217547-i304 / 217600-i316)) + 2 x TM41 M10 (217551-EZ / 217584-GC / 218525-I304 / 217612-I316))

2050 x B3 (208827-GC / 212096-I304 / 215575-I316)







SBL41-3S



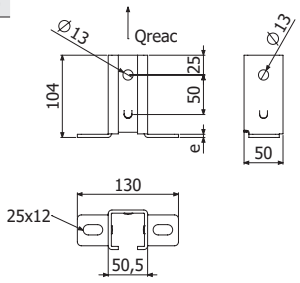
	e	GS	
	mm	REF.	kg/m
SBL41	4	218657	0,55

2 x CT2 M10X65 (218704)









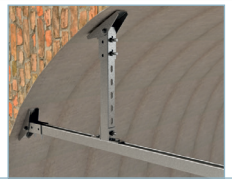
KA41



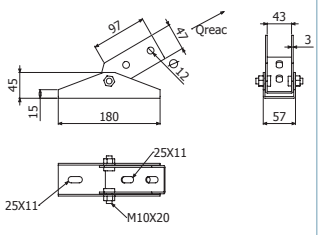
	Qreac	GC		i304		i316	
	kg	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
KA41	1000	206475	0,82	218086	0,81	218105	0,81

2 x DIN933 M10X30 (217547-i304 / 217600-i316)) + 2 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

2050 x B3 (208827 -GC / 212096-I304 / 215575-I316))







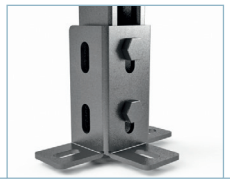
SB41



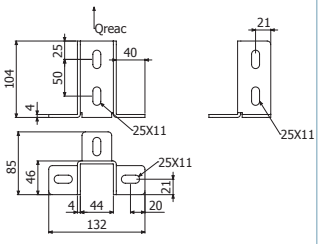
	Qreac	GC		i304		i316	
	kg	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SB41	700	206471	0,51	218087	0,50	218106	0,50

2 x DIN933 M10X30 (217547-i304 / 217600-i316)) + 2 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

2050 x B3 (208827 -GC / 212096-I304 / 215575-I316))

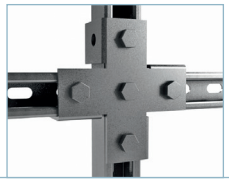






4182CR

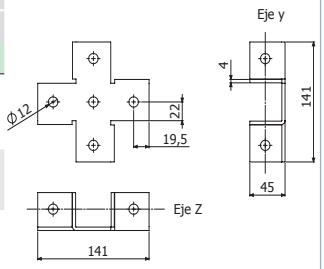




	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182CR	206473	0,56	218088	0,55	218107	0,55

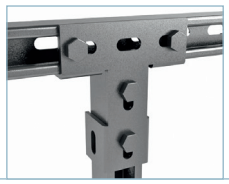
5 x DIN933 M10X30 (217547-i304 / 217600-i316)) + 5 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

5/50 x B3 (208827-GC / 212096-I304 / 215575-I316)



4182TE

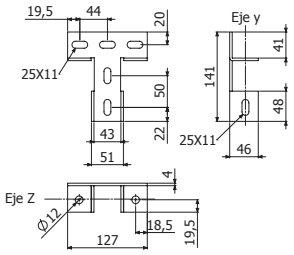




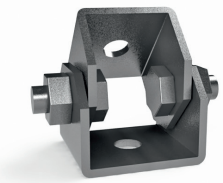
	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182TE	206474	0,51	218089	0,50	218108	0,50

4 x DIN933 M10X30 (217547-i304 / 217600-i316) + 4 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

4/50 x B3 (208827-GC / 212096-I304 / 215575-I316)



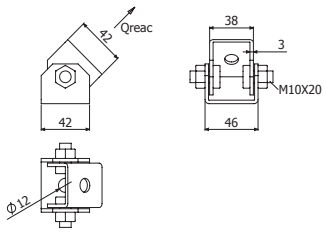
4182CV



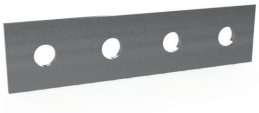


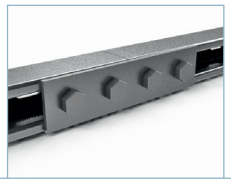
	Qreac	GC		i304		i316	
	kg	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182CV	500	206477	0,51	218090	0.50	218109	0.50

M8 & M10



4182A

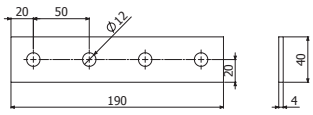


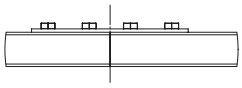


	EZ		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182A	218814	0,22	206311	0,23	218091	0,22	218110	0,22

4 x DIN933 M10X30 (217547-i304 / 217600-i316)) + 4 x TM41 M10 (217584-GC)

4/50 x B3 (208827-GC / 212096-I304 / 215575-I316)





4182B

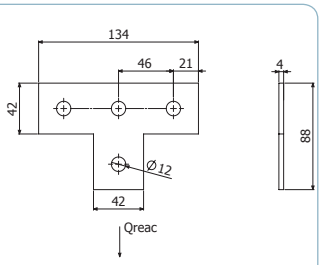




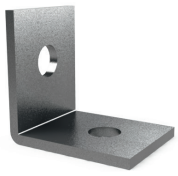
	EZ		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182B	218815	0,22	206312	0,23	218092	0.22	218111	0.22

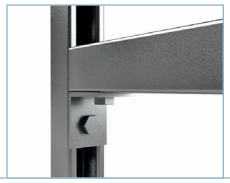
4 x DIN933 M10X30 (217547-i304 / 217600-i316) + 4 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

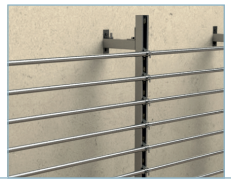
4/50 x B3 (208827-GC / 212096-I304 / 215575-I316)



4182C



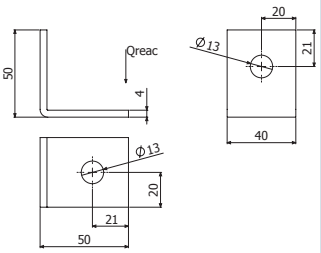




	EZ		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182C	218816	0,11	206313	0,11	218093	0,11	218112	0,11

2 x DIN933 M10X30 (217547-i304 / 217600-i316) + 2 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

2050 x B3 (208827-GC / 212096-I304 / 215575-I316)



4182CD

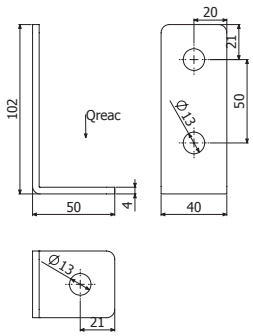




	EZ		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182CD	218817	0,16	207127	0,17	218094	0,16	218113	0,16

3 x DIN933 M10X30 (217547-i304 / 217600-i316) + 3 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

3/50 x B3 (208827-GC / 212096-I304 / 215575-I316)



4182D

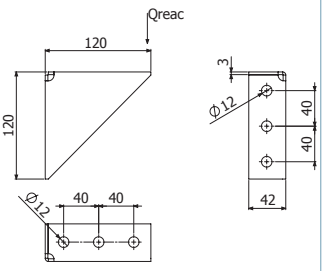




	EZ		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182D	218818	0,35	206314	0,36	218095	0,35	218114	0,35

4 x DIN933 M10X30 (217547-i304 / 217600-i316) + 4 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

4/50 x B3 (208827-GC / 212096-I304 / 215575-I316)

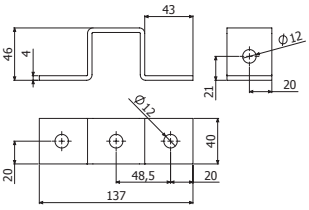


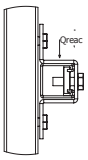
4182E

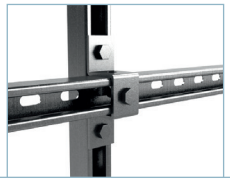


	EZ		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182E	218819	0,24	206315	0,25	218096	0,24	218115	0,24

3 x DIN933 M10X30 (217547-i304 / 217600-i316) + 3 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)





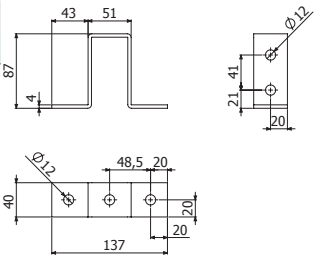


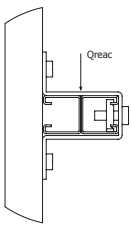
4182F

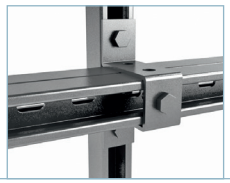


	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182F	206316	0,35	218097	0,34	218116	0,34

3 x DIN933 M10X30 (217547-i304 / 217600-i316)
+ 3 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)







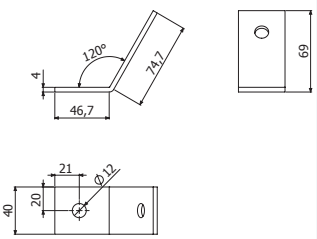
4182G

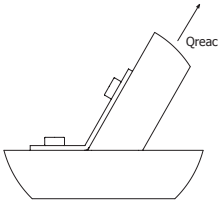


	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
4182G	206317	0,11	218098	0,11	218117	0,11

2 x DIN933 M10X30 (217547-i304 / 217600-i316) + 2 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

2050 x B3 (208827-GC / 212096-I304 / 215575-I316)







4182H

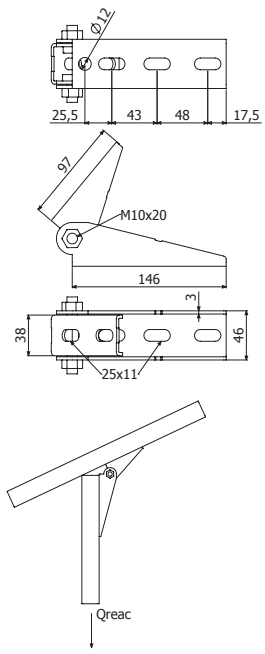


	Qreacc kg	GC REF.	GC kg/ud	i304 REF.	i304 kg/ud	i316 REF.	i316 kg/ud
4182H	800	206948	0,72	218099	0,71	218118	0,71

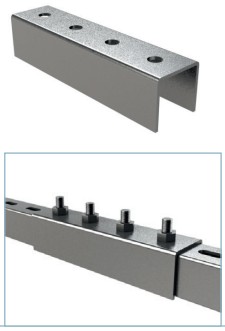
4 x DIN933 M10X30 (217547-i304 / 217600-i316) + 4 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

4/50 x B3 (208827-GC / 212096-I304 / 215575-I316)





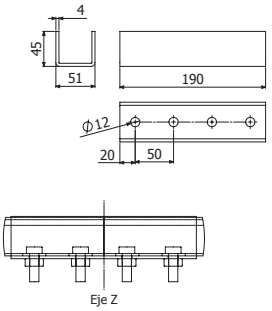
4182I



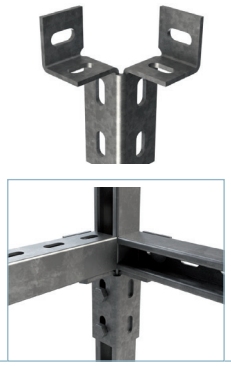
	Reducc Z	EZ REF.	EZ kg/ud	GC REF.	GC kg/ud	i304 REF.	i304 kg/ud	i316 REF.	i316 kg/ud
4182I	0%	218820	0,58	207011	0,62	218100	0,58	218119	0,58

4 x DIN933 M10X30 (217547-i304 / 217600-i316) + 4 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

4/50 x B3 (208827-GC / 212096-I304 / 215575-I316)



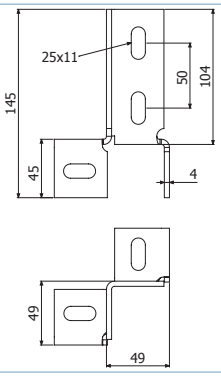
4182J



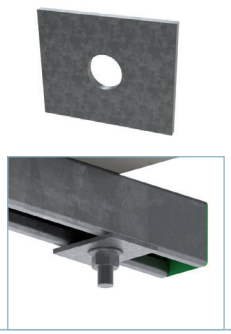
	GC REF.	GC kg/ud
4182J	217315	0,43

4 x DIN933 M10X30 (217547-i304 / 217600-i316) + 4 x TM41 M10 (217584-GC / 218525-I304 / 217612-I316)

4/50 x B3 (208827-GC / 212096-I304 / 215575-I316)

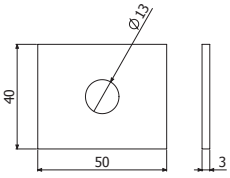


4182K



	GS REF.	GS kg/m	GC REF.	GC kg/ud	i316 REF.	i316 kg/ud
4182K	218734	0,05	218515	0,05	218758	0,05

M10, M12



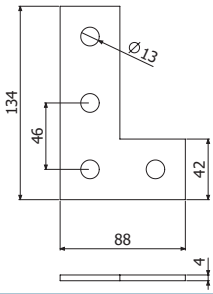
4182L



	GC REF.	GC kg/ud
4182L	223000	0,38

4 x DIN933 M10X30 (2017547-i304 / 2017600-i316) + 4 x TM41 M10 (2017584-GC / 2018525-I304 / 2017612-I316)

4/50 x B3 (208827-GC / 2012096-I304 / 2015575-I316)



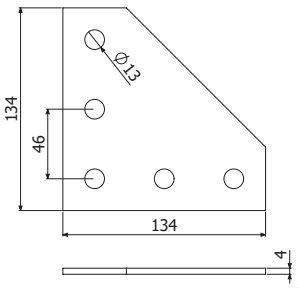
4182M



	GC REF.	GC kg/ud
4182M	223016	0,57

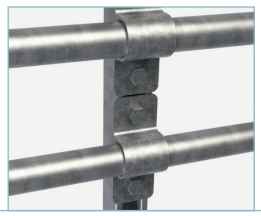
4 x DIN933 M10X30 (2017547-i304 / 2017600-i316) + 4 x TM41 M10 (2017584-GC / 2018525-I304 / 2017612-I316)

4/50 x B3 (208827-GC / 2012096-I304 / 2015575-I316)



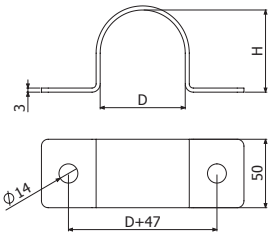
BCP



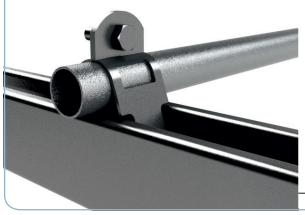


	D mm	H mm	GC REF.	GC kg/ud
BCP 1/2"	24	21	209478	0,07
BCP 3/4"	30	26,5	209479	0,08
BCP 1"	36	33,5	209480	0,09
BCP 1 1/4"	45	42	209481	0,10
BCP 1 1/2"	51	48	209482	0,11
BCP 2"	63	60	209483	0,29
BCP 2 1/2"	76	72,7	2017608	0,33
BCP 3"	93	88,5	209484	0,38
BCP 4"	117	114	209485	0,46

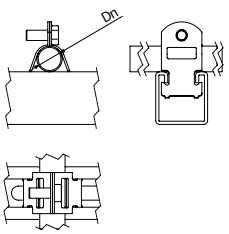
2 x DIN933 M10x30 i304 (2017547) + 2 x TM41 M10 GC (2017584)



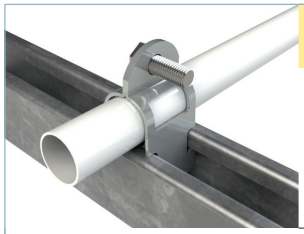
BFT



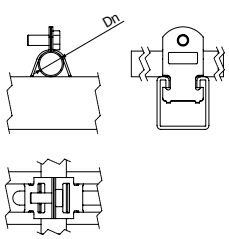
	Dn mm	e mm	GC REF.	GC kg/ud
BFT 1/2"	20,5-21,4	1,5	2014642	0,06
BFT 3/4"	25,4-26,9	1,5	2014643	0,07
BFT 1"	32,8-33,4	1,5	2014644	0,08
BFT 1 1/4"	41,3-42,4	2	2014645	0,09
BFT 1 1/2"	47,6-50	2	2014646	0,10
BFT 2"	59,5-62,2	2,5	2014647	0,12
BFT 2 1/2"	69,9-73,0	2,5	2014648	0,14
BFT 3"	84,0-88,9	2,5	2014649	0,16
BFT 4"	111,1-115,3	2,5	2014650	0,20



BFT



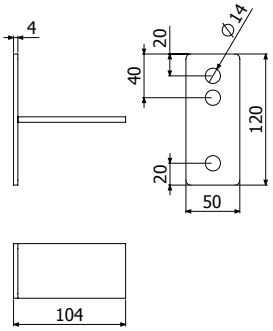
	Dn mm	e mm	EZ REF.	EZ kg/ud
BFT 20	17,9-20	1,5	206811	0,06
BFT 25	23,4-25,4	1,5	206812	0,07
BFT 32	29,5-32	1,5	206813	0,08
BFT 40	38,4-40,6	2	206814	0,09
BFT 50	50,3-53,7	2	206815	0,10



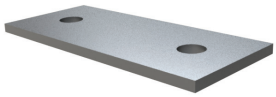
TS0



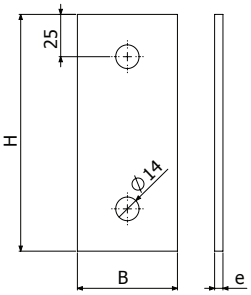
	e	GC	
	mm	REF.	kg/ud
TS0	4	206332	0,38



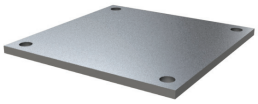
PS0S



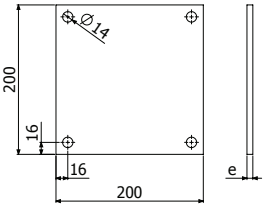
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
PS0S 60X140X6	60	2 3/8"	140	5 1/2"	6	207082	0,34
PS0S 80X180X8	80	3 1/7"	180	7"	8	201131	0,92



PS0M

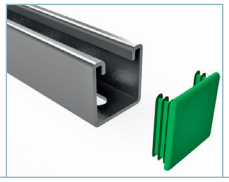


	e	GC	
	mm	REF.	kg/ud
PS0M 200X200X5	5	201155	1,60
PS0M 200X200X10	10	200245	3,20

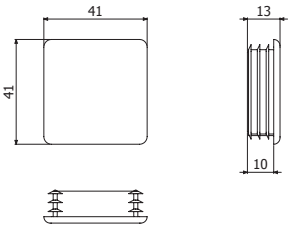


TF41





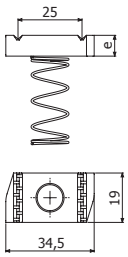
	PVCM1	
	REF.	kg/ud
TF41	205627	0,01



TM41



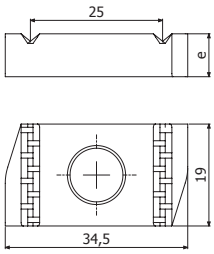
	e	Qtrac	Qcort	Pap	EZ		GC		i304		i316	
	mm	kg	kg	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TM41 M6	6	500	100	3,5	217556	0,02	208225	0,03	☎	☎	218593	0,02
TM41 M8	6	600	240	8,4	217557	0,03	217583	0,03	218524	0,03	217611	0,03
TM41 M10	8	700	350	17	217551	0,04	217584	0,04	218525	0,06	217612	0,06
TM41 M12	8	700	400	29	218759	0,04	218736	0,04	-	-	-	-



TAD



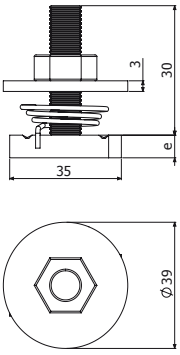
	e	Qtrac	Qcort	Pap	EZ		i316	
	mm	kg	kg	N·m	REF.	kg/ud	REF.	kg/ud
TAD M8	6	600	240	8,4	217558	0,03	-	-
TAD M10	8	700	350	17	205543	0,03	218742	0,03

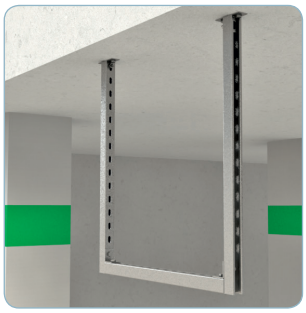


TEP



	e	Qtrac	Qcort	Pap	EZ	
	mm	kg	kg	N·m	REF.	kg/ud
TEP M10X30	8	700	350	17	217567	0,10



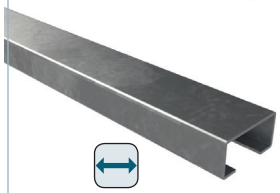







RA / CT

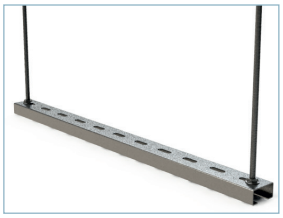


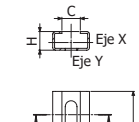


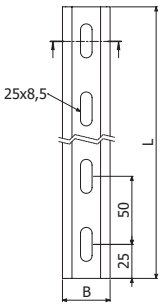
L = 2 -3 m (6,56 -10 ft)

	B	H	C	e	A	Wx	Wy	GS		GC	
	mm	mm	mm	mm	cm^2	cm^3	cm^3	REF.	kg/m	REF.	kg/m
RA35	35	14	15	1,5	0,9	0,37	1,04	200237	0,79	200238	0,87
RA35 2M	35	14	15	1,5	0,9	0,37	1,04	203484	0,79	-	-
RA50	50	14	30	1,5	1,1	0,37	1,78	200239	0,99	200240	1,09
CT40	40	20	20	1,5	1,25	0,64	1,60	204471	0,99	200246	1,09
CT40 2M	40	20	20	1,5	1,25	0,64	1,60	205656	0,99		
CT20	20	10	10	1,0	0,38	0,09	0,25	200242	0,31	☎	☎
CT20-C	20	10	10	1,0	0,44	0,10	0,25	200241	0,35		

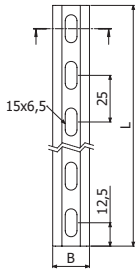
M6, M8





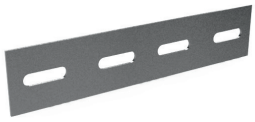


RA / CT40



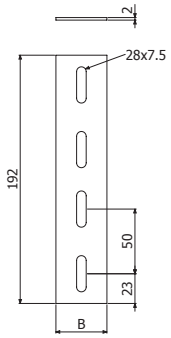
CT20

JURA

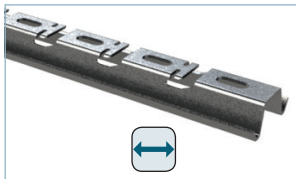


	B	GS		GC	
	mm	REF.	kg/ud	REF.	kg/ud
JURA 35	28	21122	0,07	21123	0,08
JURA 50	40	21124	0,11	203473	0,12

M6



C-SVO



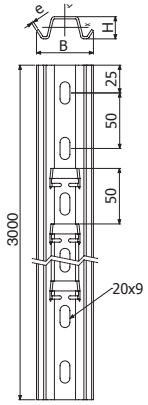
L = 3 m (10 ft)



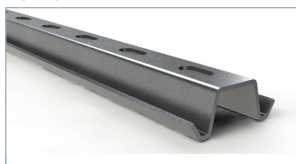
	B	H	e	GS		GC	
	mm	mm	mm	REF.	kg/m	REF.	kg/m
C-SVO	52	20	2	21101	1,14	207436	1,21

C-SVO

M6, M8



SVO

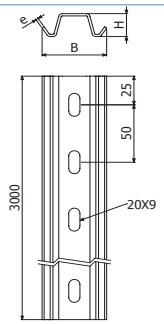


L = 3 m (10 ft)

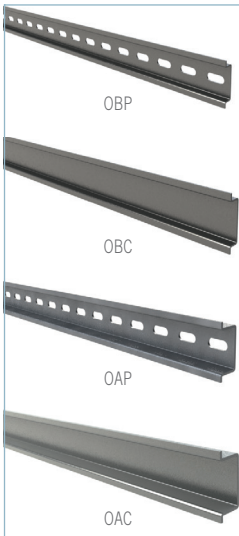
	B	H	e	i304	
	mm	mm	mm	REF.	kg/ud
SVO 3M	52	20	1,5	206415	1.20

C-SVO

M6, M8

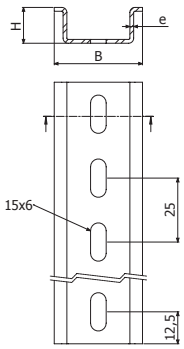


OBP / OBC / OAP / OAC

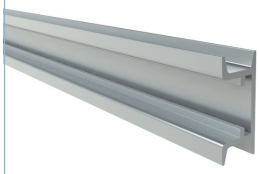


	e	B	H	GS	
	mm			REF.	kg/m
OBP	1	35	7	200248	0,37
OBC	1	35	7	207214	0,41
OAP	1,5	35	15	200250	0,69
OAC	1,5	35	15	207227	0,73

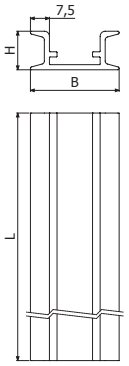
L = 2 m (6,7 ft)

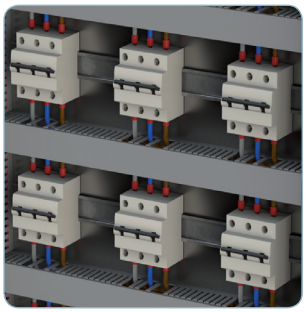


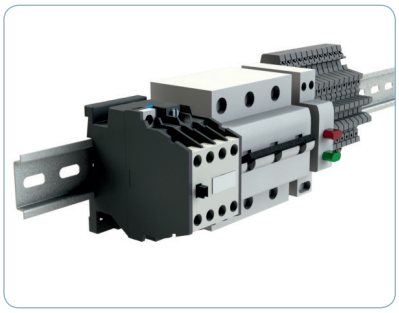
OR



	B		H		L		AL	
	mm	inch	mm	inch	m	ft	REF.	kg/m
OR 2M	**35**	1 3/8	**15**	3/5	**2**	**6,6**	209805	0,40
OR 3M	**35**	1 3/8	**15**	3/5	**3**	**10**	209806	0,40





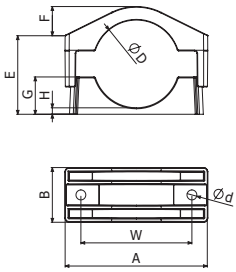


SE



	A mm	B mm	W mm	D mm	E mm	d mm	F mm	G mm	H mm	RM kN		PAFV REF.	PAFV Kg/ud
SE 15-26	77	45	50	15-26	26-42	10	4	17	8	20,0	✓	207282	0,07
SE 75-100	200	80	150	75-100	70-95	15	32	45	10	68,8	X	207286	0,61
SE 100-135	225	85	175	100-135	85-120	15	43	58	10	67,4	X	207287	0,92
SE 135-170	260	90	210	135-170	133-169	15	62	90	28	66,3	X	207288	1,23

RoHS ✓ · VO · 120°C / -40°C UNE-EN 61537 · UL CERTIFIED

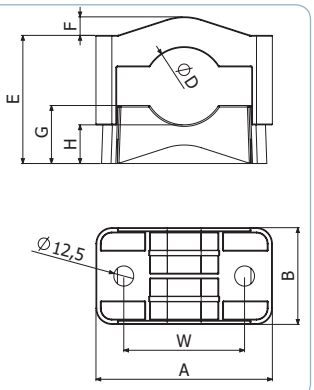


SEG



	A mm	B mm	W mm	D mm	E mm	F mm	G mm	H mm	RM kN		PAFV REF.	PAFV Kg/ud
SEG 26-50 PA	111	60	76	26-51	55-80	12	36	24	15	✓	208232	0,14
SEG 50-80 PA	135	60	100	50-81	78-108	16	47	23	15	✓	210019	0,17

RoHS ✓ · VO · 120°C / -40°C UNE-EN 61537 · UL CERTIFIED



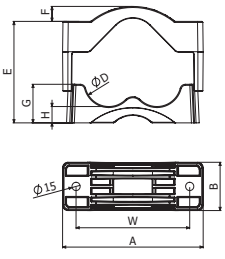
TRIPLE



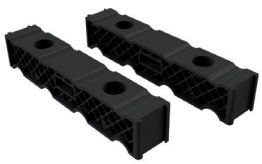


	A mm	B mm	W mm	D mm	E mm	F mm	G mm	H mm	RM kN		PAFV REF.	PAFV Kg/ud
TRIPLE 27-38	180	75	125	3X 27-38	63-90	12	35	16,5	35,9	✓	207289	0,60
TRIPLE 38-51	195	80	145	3X 38-51	84-115	16	45	20	39,8	✓	207290	0,80
TRIPLE 51-69	220	85	170	3X 51-69	109-150	21	58	26	69,9	✓	207291	1,09
TRIPLE 69-90	252	90	215	3X 69-90	134-185	29	72	30	56,7	✓	207292	1,62
TRIPLE 90-118	321	100	270	3X 90-118	180-250	27	89	33	54,3	✓	207293	2,47
TRIPLE 118-150	400	110	340	3X 118-150	211-310	37	110	75	54,3	✓	207294	3,32

RoHS ✓ · VO · 120°C / -40°C UNE-EN 61537 · UL CERTIFIED

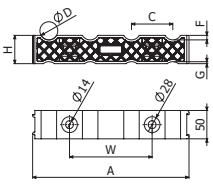


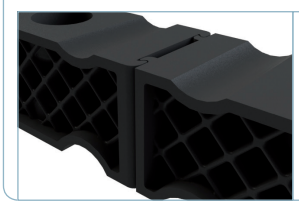
IM

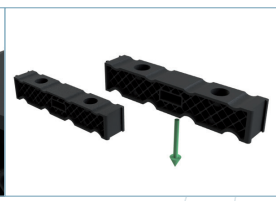


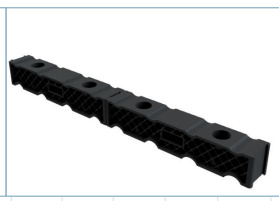
	A mm	B mm	H mm	W mm	D mm	F mm	G mm	RM kN		PAFV REF.	PAFV Kg/ud
IM 4X12-32	280	74	50	148	12-32	9	4,5	29,5	✓	207295	0,36
IM 4X32-48	345	85	65	170	32-48	18	10	29,5	✓	207296	0,47

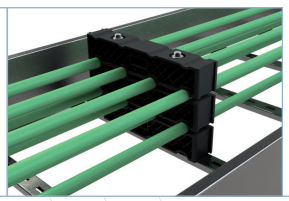
RoHS ✓ · VO · 120°C / -40°C UNE-EN 61537 · UL CERTIFIED











DIN 976 & DIN 934



DIN976



DIN934

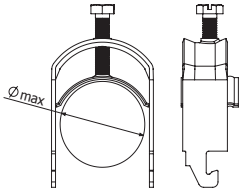
	i304	
	REF.	kg/ud
DIN976 M8X85	210246	0,03
DIN976 M10X100	210247	0,05
DIN976 M10X150	210248	0,07
DIN976 M12X150	210249	0,13
DIN976 M12X200	210250	0,17
DIN976 M12X250	210251	0,21
DIN976 M12X360	210252	0,30
DIN934 M8	217603	0,01
DIN934 M10	217602	0,01
DIN934 M12	217604	0,01

	VR min	VR max
SE 15-26	M8x85	M8x85
SE 75-100	M12x150	M12x150
SE 100-135	M12x150	M12x200
SE 135-170	M12x200	M12x250
SEG 26-50	M10x100	M10x150
SEG 50-80	M10x150	M10x150
TRIPLE 27-38	M12x150	M12x150
TRIPLE 38-51	M12x150	M12x200
TRIPLE 51-69	M12x150	M12x200
TRIPLE 69-90	M12x200	M12x250
TRIPLE 90-118	M12x250	M12x360
TRIPLE 118-150	M12x250	M12x360
IM 3X12-32	M12x150	M12x150
IM 4X32-48	M12x200	M12x200

SE41



	Ø max	e	GC	
	mm	mm	REF.	kg/ud
SE41 8-12	8-12	1,5	207352	0,03
SE41 12-16	12-16	1,5	207353	0,03
SE41 16-20	16-20	1,5	207354	0,04
SE41 20-24	20-24	1,5	207355	0,04
SE41 24-28	24-28	1,5	207356	0,05
SE41 28-32	28-32	1,5	207357	0,06
SE41 32-36	32-36	1,5	207358	0,07
SE41 36-40	36-40	1,5	207359	0,08
SE41 40-44	40-44	1,5	207360	0,11
SE41 44-48	44-48	1,5	207361	0,12
SE41 48-52	48-52	1,5	207362	0,12
SE41 52-56	52-56	1,5	207363	0,16
SE41 56-60	56-60	1,5	207364	0,18
SE41 60-64	60-64	1,5	207365	0,20
SE41 64-70	64-70	1,5	207366	0,22
SE41 70-76	70-76	1,5	207367	0,25
SE41 76-82	76-82	1,5	207368	0,25
SE41 82-88	82-88	1,5	207369	0,26
SE41 88-94	88-94	1,5	207370	0,28
SE41 94-100	94-100	1,5	207371	0,30

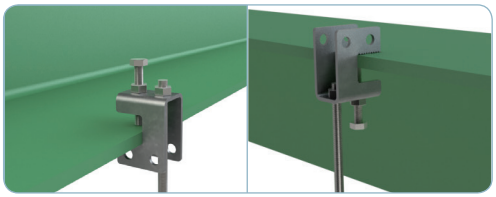


GV2

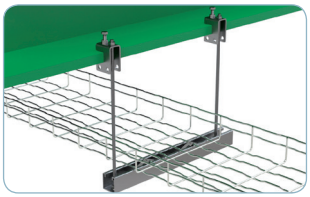


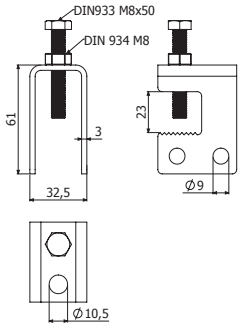
	e	GS		e	i304	
	mm	REF.	kg/ud	mm	REF.	kg/ud
GV2	3	215501	0,15	2,5	218642	0,13

M8 & M10



95 Kg



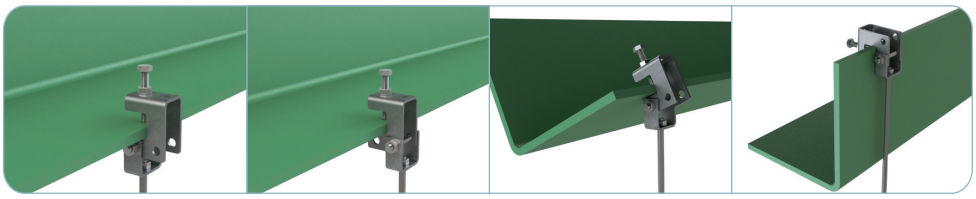


GVV2

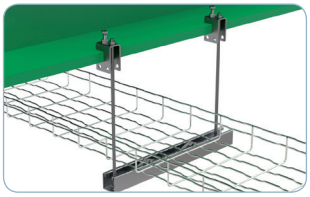


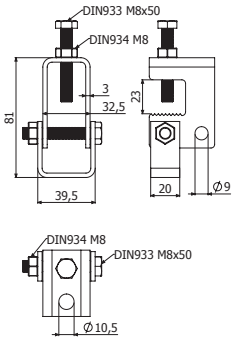
	GS	
	REF.	kg/ud
GVV2	207073	0,30

M8 & M10

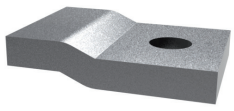


200 Kg 95 Kg 80 Kg 200 Kg





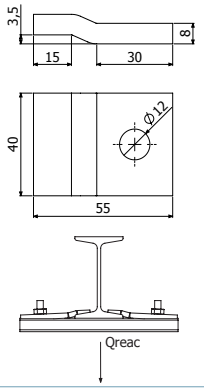
BRP



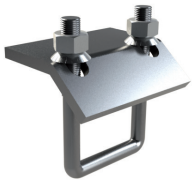
	Emax	Qreac	GC	
	mm	kg	REF.	kg/ud
BRP	5	1000	205624	0,17

M10

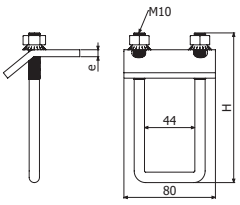


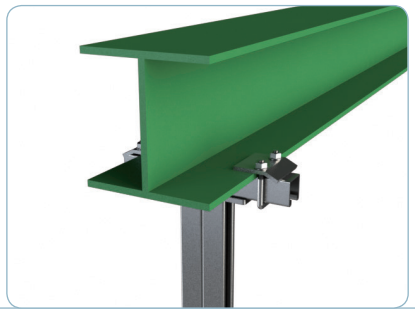


BCA



	Emax	H	Pap	e	GC		Pap	e	i304		i316	
	mm	mm	N-m	mm	REF.	kg/ud	N-m	mm	REF.	kg/ud	REF.	kg/ud
BCA 41X41	20	90	26	6	208809	0,39	31	5	218513	0,39	218539	0,39
BCA 41X82	20	130	26	6	208810	0,42	31	5	218512	0,42	218540	0,42





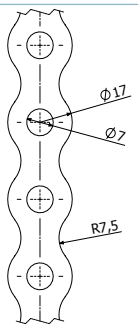


CSJ



	AL		GS		i430	
	REF.	kg/m	REF.	kg/ud	REF.	kg/m
CSJ	203461	0,04	204291	0,11	203462	0,10

M6



BVL

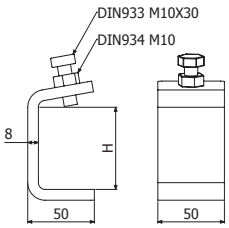


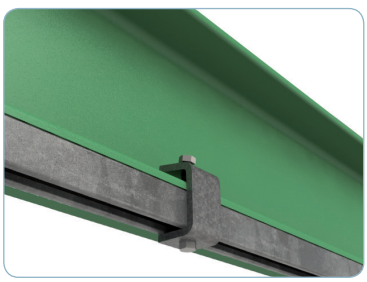
BVL41



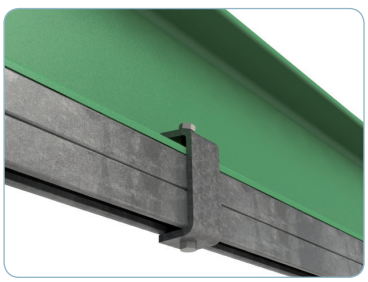
BVL82

	H	GC	
	mm	REF.	kg/ud
BVL41	60	211230	0,50
BVL82	100	211231	0,63





BVL41 + 41X41



BVL82 + 41X82

DIN976 & MVR

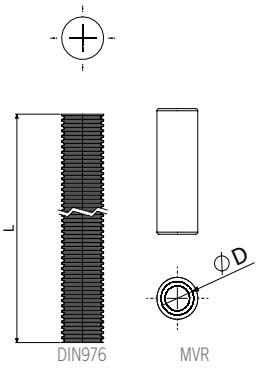


DIN976



MVR

	L	Qtrac	EZ		i304	
		kg	REF.	kg/ud	REF.	kg/ud
DIN976 M6X1000	1000	400	217562	0,32	☎	☎
DIN976 M8X1000	1000	800	203397	0,35	206852	0,35
DIN976 M10X1000	1000	1400	205535	0,49	210018	0,49
DIN976 M12X1000	1000	2500	206502	0,87	☎	☎
MVR M6		-	206323	0,03		
MVR M8		-	204462	0,04	207402	0,03



DIN976 MVR

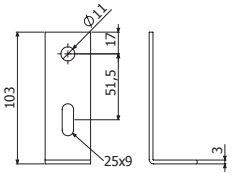
SBL

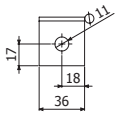




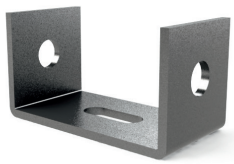
	e	GS		GC		e	i304	
		REF.	kg/ud	REF.	kg/ud		REF.	kg/ud
SBL	3	200351	0,11	200361	0,12	2	200371	0,07

M8 & M10





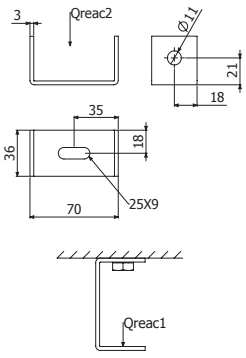
SBC





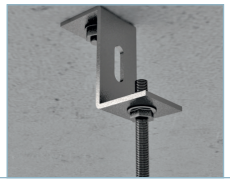
	Qreac 1	Qreac 2	e	GS		GC		e	i304	
	kg	kg		REF.	kg/ud	REF.	kg/ud		REF.	kg/ud
SBC	40	40	3	200352	0,11	200362	0,12	2	200372	0,07

M8 & M10



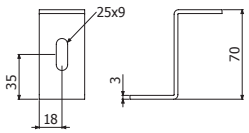
SBZ

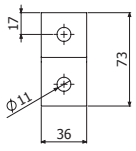


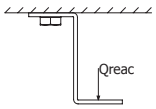


	Qreac	e	GS		GC		e	i304	
	kg		REF.	kg/ud	REF.	kg/ud		REF.	kg/ud
SBZ	35	3	200354	0,11	200364	0,12	2	200374	0,07

M8 & M10



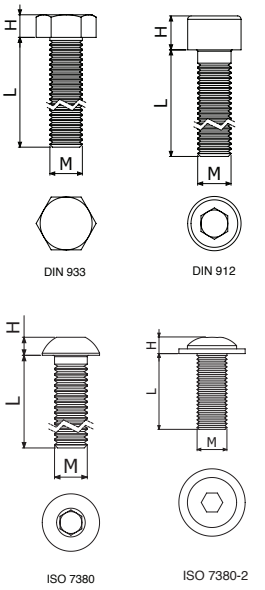




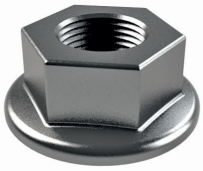
DIN933 / DIN912 / ISO7380 / ISO7380-2



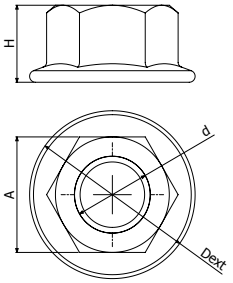
	UVM	UVE	P	M	L	H	EZ		i304		i316	
	ud	ud	N·m	mm	mm	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
DIN933 M10X30	100	100	35	10	30	6,4	217559	0,03	217547	0,03	217600	0,03
DIN933 M10X20	100	100	35	10	20	6,4	217563	0,03	217578	0,03		
DIN933 M10X25	100	100	35	10	25	6,4	-	-	218733	0,03		
DIN933 M8X70	100	100	15	8	70	5,3	217564	0,03				
DIN933 M8X55	100	100	15	8	55	5,3	217566	0,03	☎	☎		
DIN933 M8X25	100	100	15	8	25	5,3	217545	0,03				
DIN933 M8X30	100	100	15	8	25	5,3			205964	0,03		
DIN933 M8X20	100	100	15	8	20	5,3	☎	☎	217546	0,03		
DIN933 M6X25	100	100	8	6	25	4	205545	0,02	217549	0,02		
DIN933 M6X20	100	100	8	6	20	4	217548	0,02	☎	☎	☎	☎
DIN912 M10X30	100	100	35	10	30	10	☎	☎	217609	0,03		
DIN912 M8X70	100	100	15	8	70	8	217580	0,05	217581	0,05		
DIN912 M8X55	100	100	15	8	55	8	217577	0,04	217579	0,04		
ISO7380-2 M10X40	100	100	35	10	40	5,5			218514	0,02		
ISO7380 M10X25	100	100	35	10	25	5,5	☎	☎	-	-	218764	0,02
ISO7380-2 M8X30	100	100	15	8	30	4,4			218823	0,01	☎	☎
ISO7380-2 M8X20	100	100	8	6	20	3,3	-	-	-	-	218828	0,01
ISO7380-2 M6X25	100	100	8	6	25	3,3	217582	0,01	217601	0,01	218634	0,01
ISO7380-2 M6X20	100	100	8	6	20	3,3	-	-	-	-	218765	0,01



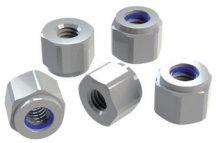
DIN6923



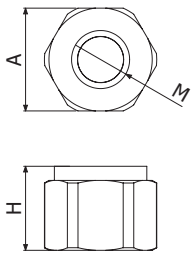
	Pap	M	Dext	A	H	EZ		i304	
	N·m	mm	mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN6923 M6	8	M6	14	10	6	217552	0,01	217554	0,01
DIN6923 M8	15	M8	18	13	8	217553	0,01	217555	0,01
DIN6923 M10	35	M10	22	15	10	-	-	218802	0,01
DIN6923 M12	40	M12	26	18	12	218757	0,02	-	-



DIN985



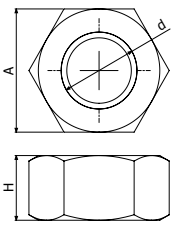
	Pap	M	A	H	i304	
	N·m	mm	mm	mm	REF.	kg/ud
DIN985 M10	35	M10	17	10	218744	0,01



DIN934



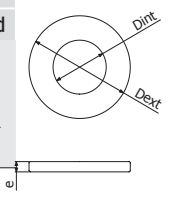
	Pap	d	A	H	EZ		i304	
	N·m		mm	mm	REF.	kg/ud	REF.	kg/ud
DIN934 M6	8	M6	10	4,8	217605	0,01	218766	0,01
DIN934 M8	15	M8	13	6,2	217606	0,01	217603	0,01
DIN934 M10	35	M10	17	7,7	217607	0,01	217602	0,01
DIN934 M12	40	M12	19	9,7	☎	☎	217604	0,01



DIN125



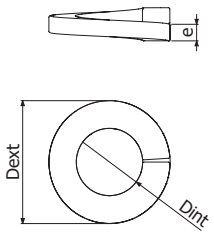
	Dint	Dext	e	EZ		i304		i316	
	mm	mm	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
DIN125 M6	6,4	12	1,6	217565	0,01	205539	0,01	-	-
DIN125 M8	8,4	16	1,6	217541	0,01	217544	0,01	-	-
DIN125 M10	10,5	20	2	217561	0,01	217542	0,01	218741	0,01
DIN125 M12	13	24	2,5	☎	☎	217560	0,01	-	-



DIN127



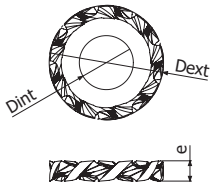
	Dint	Dext	e	EZ		i304	
	mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN127 M6	6,1	11,8	1,6	-	-	205541	0,01
DIN127 M8	8,1	14,8	2	-	-	215131	0,01
DIN127 M10	10,2	18,1	2,2	205542	0,01	215132	0,01



DIN6798



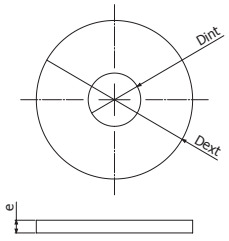
	Dint	Dext	e	i304		i316	
	mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN6798 M8	8,4	15	0,8	217344	0,01	218672	0,01
DIN6798 M10	10,5	18	0,9	217351	0,01	218763	0,01



DIN9021



	Dint	Dext	e	EZ		i304	
	mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN9021 M6	6,4	18	1,6	207023	0,01	207022	0,01
DIN9021 M8	8,4	24	2	207021	0,01	217543	0,01
DIN9021 M10	10,5	30	2,5	-	-	218715	0,01
DIN9021 M12	13	40	3	-	-	218739	0,02

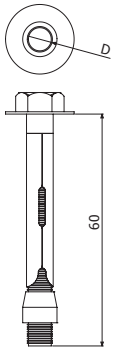


CCM



	M mm	L mm	Qtrac kg	EZ REF.	EZ kg/ud
CCM M6X60	6	60	190	206419	0,03
CCM M8X60	8	60	320	206420	0,04

↓ 60mm, Ø 8mm (CCM 6X60) / Ø10mm (CCM 8x60)

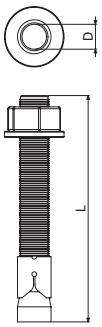


SCM



	D mm	L mm	Qtrac kg	EZ REF.	EZ kg/ud
SCM M10X75	10	75	600	204672	0,05
SCM M12X80	12	80	1040	206258	0,08

↓ 60-70mm (SCM 10x75) - ↓ 75-90mm (SCM 12x80), Ø 10mm (SCM 10X75) / Ø12mm → (SCM 12x80)

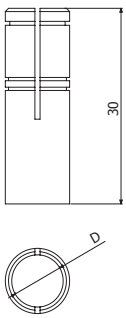


CM

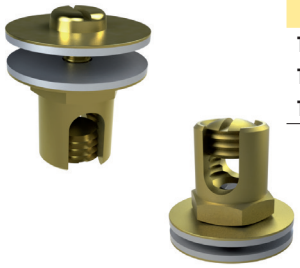


	D mm	M	Qtrac kg	EZ REF.	EZ kg/ud
CM M6X30	8	6	340	206468	0,01
CM M8X30	10	8	370	206469	0,01

↓ 32mm - Ø 8mm (CM 6x30) / ↓ 33mm - Ø 10mm (CM8x30)

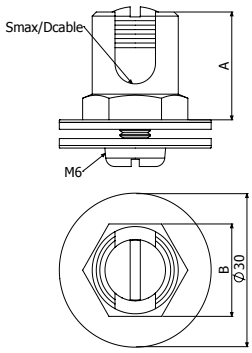


TT / TTL

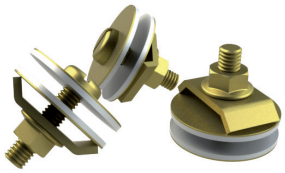


TT

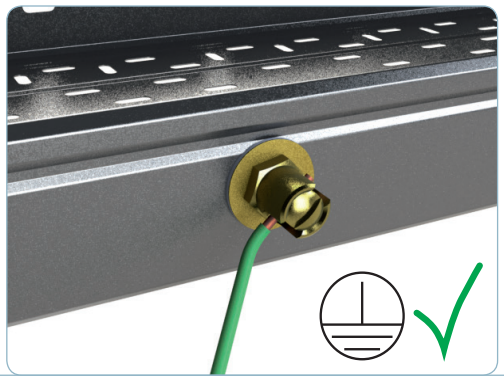
	Smin	Smax	Dcable	A	B	LTN	
	mm²	mm²	mm	mm	mm	REF.	kg/ud
TT 10-35	10	35	4 a 8	22	18	206796	0,04
TT 35-95	35	95	8 a 12	30	24	206797	0,07
TTL 10-35	10	35	4 a 8	25	-	208189	0,03

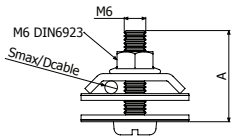


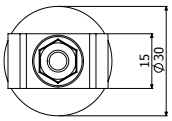
TT



TTL

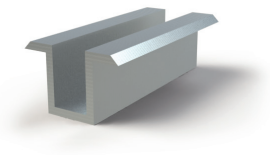




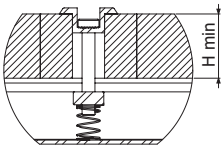


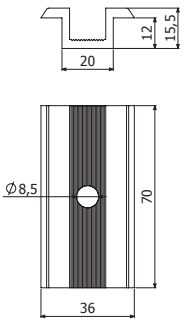
TTL

FPSC-12

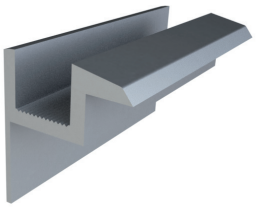


	H min	AL	
	mm	REF.	kg/ud
FPSC-12	12	206794	0,06

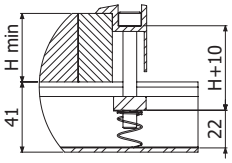


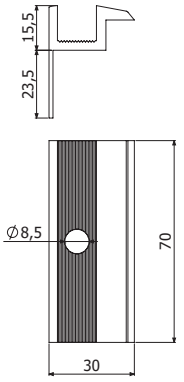


FPSL-35



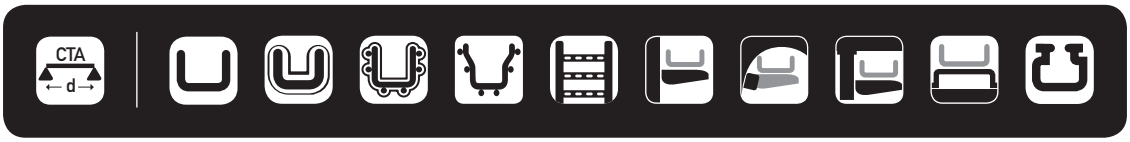
	H min	AL	
	mm	REF.	kg/ud
FPSL-35	35	206795	0,03



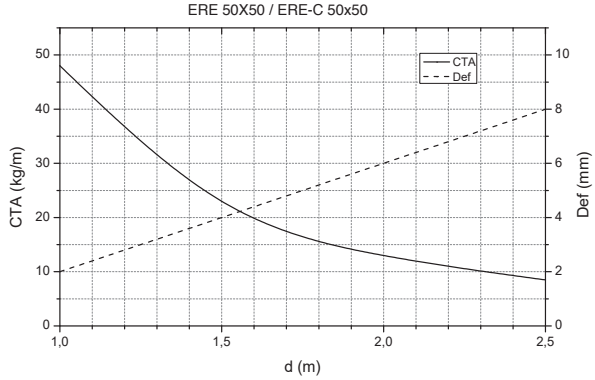


BEBasor

CABLE TRAY SPECIALIST

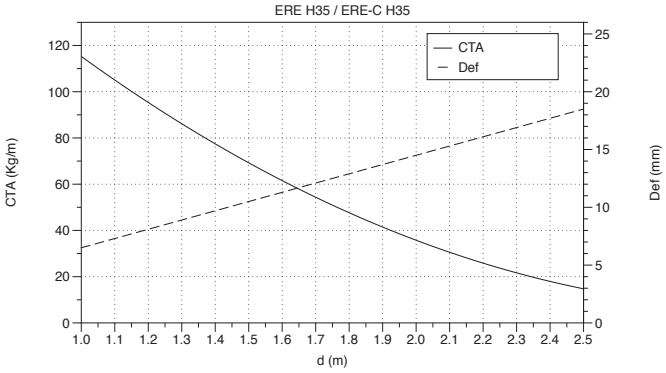


ERE 50X50 / ERE-C 50x50 (UNE-EN 61537)

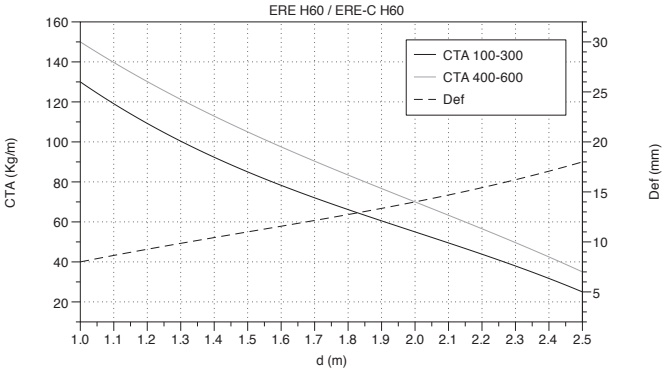


ERE / ERE-C (UNE-EN 61537)

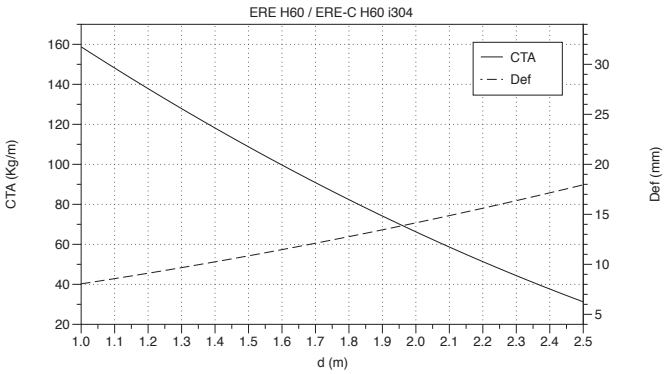
ERE H35 / ERE-C H35



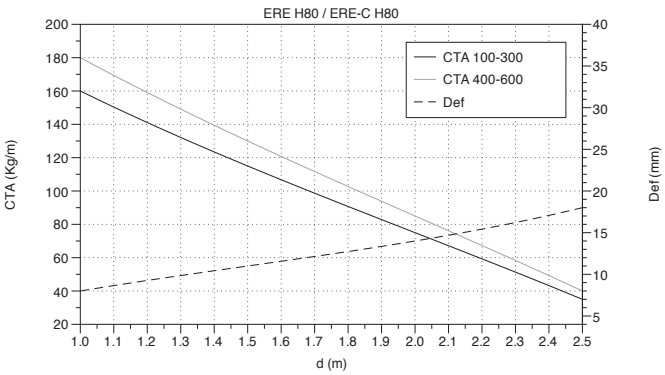
ERE H60 / ERE-C H60



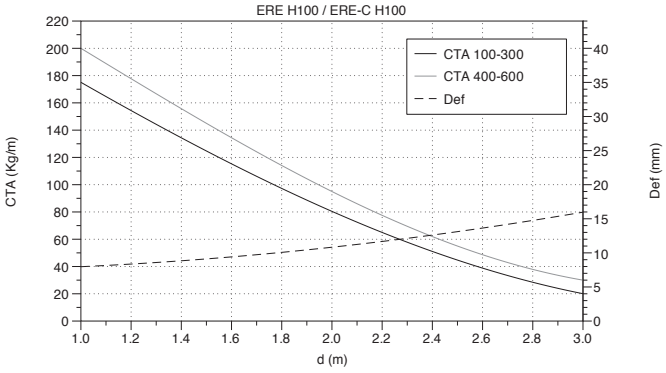
ERE H60 / ERE-C H60 i304



ERE H80 / ERE-C H80



ERE H100 / ERE-C H100

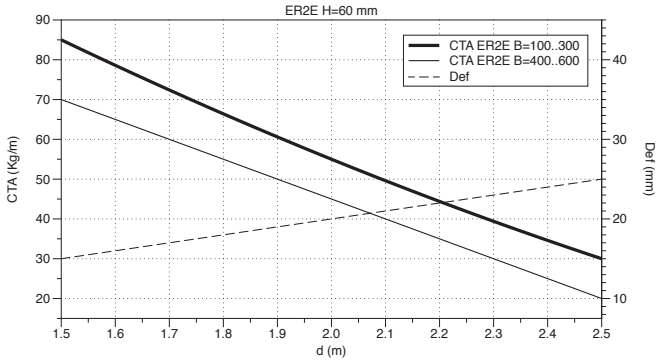


ERE / ERE-C (NEMA VE1)

ERE NEMA - GS/GC	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
ERE H35	19,2 (12,9)	7,5 (5,0)	-	-
ERE H60	111,5 (74,9)	43,6 (29,3)	5A	8AA
ERE H80	80,8 (54,3)	31,5 (21,2)	5A	-
ERE H100	111,5 (74,9)	43,6 (29,3)	5A	8AA

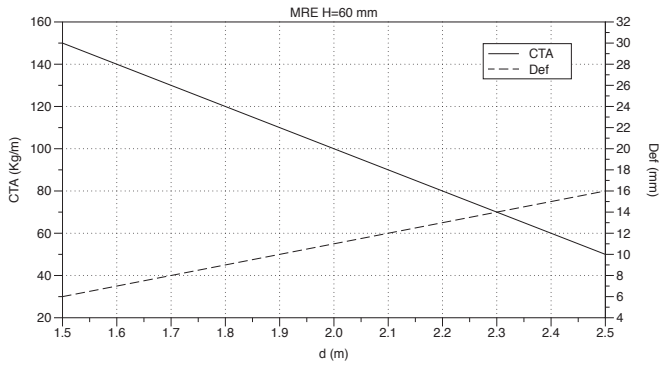
ERE NEMA - i304/i316	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
ERE 100-300x35	23,1 (15,5)	9,0 (6,1)	-	-
ERE 100-600x60	73,1 (49,1)	28,5 (19,2)	5AA	-
ERE 100-600x85	130,8 (87,9)	51,1 (34,3)	5B	8AA
ERE 100-600x100	138,4 (93,0)	54,1 (36,3)	5B	8AA

ER2E (UNE-EN 61537)

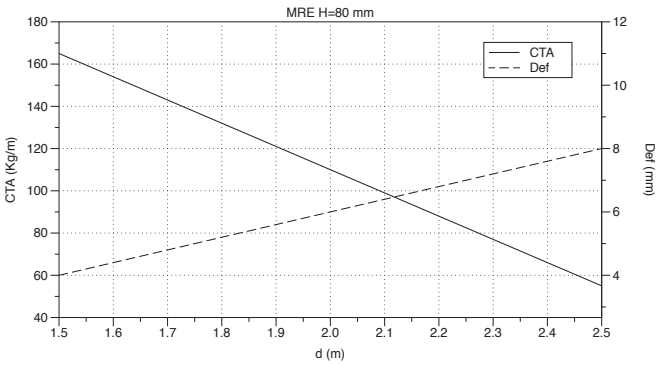


MRE (UNE-EN 61537)

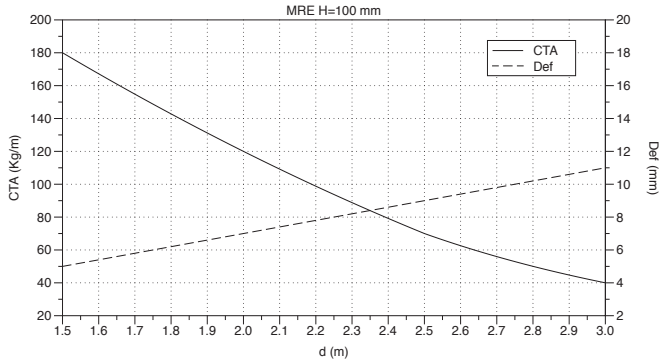
MRE H60



MRE H80



MRE H100



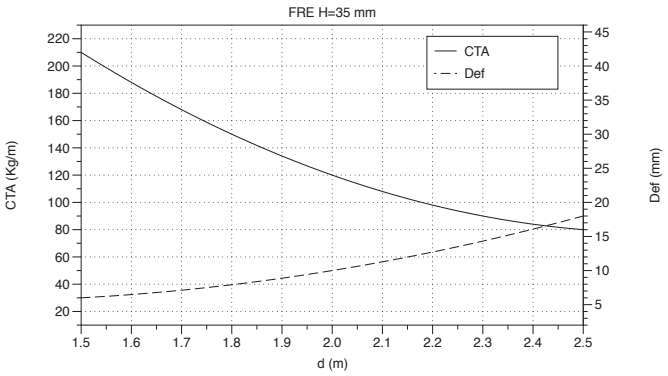
MRE (NEMA VE1)

MRE NEMA - GS/GC	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
MRE H60	115,4 (77,6)	45,1 (30,3)	5B	8AA
MRE H80	215,3 (144,7)	84,1 (56,5)	5C	8A
MRE H100	230,7 (155)	90,1 (60,5)	5C	8A

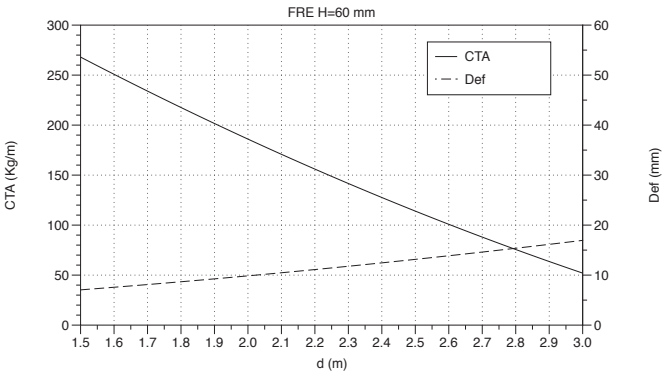
MRE NEMA - i304/i316	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
MRE H60	138,4 (93)	54,1 (36,4)	5B	8AA
MRE H80	265,3 (178,3)	103,6 (69,62)	5C	8A
MRE H100	349,9 (235,1)	136,7 (91,9)	5C	8B

FRE (UNE-EN 61537)

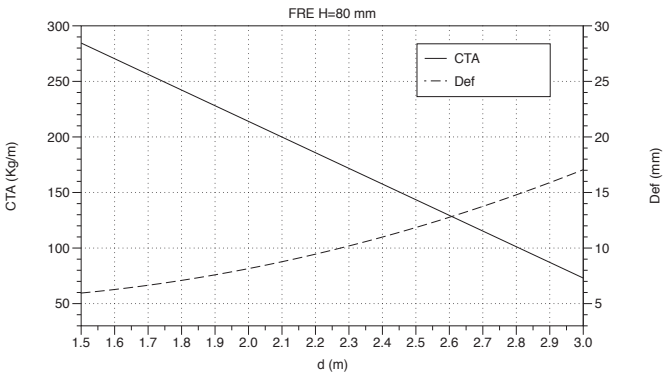
FRE H35



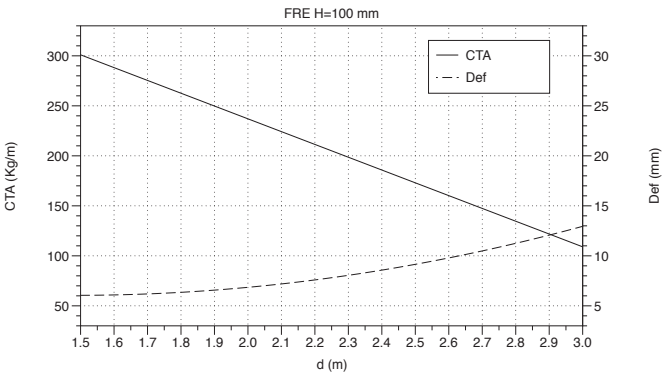
FRE H60



FRE H80



FRE H100

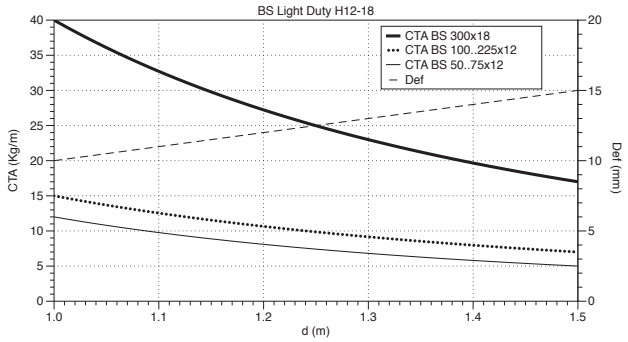


FRE (NEMA VE1)

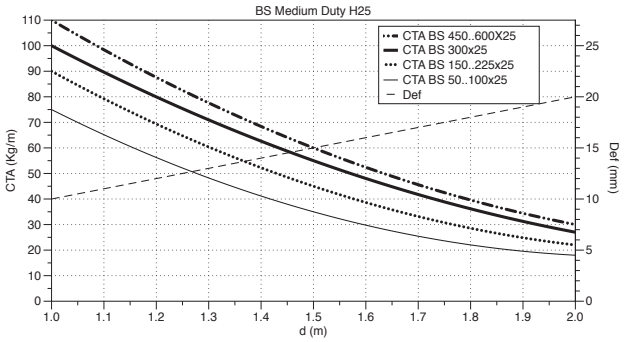
FRE NEMA - GS/GC	CTA kg/m (lb)ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
FRE H35	111,5 (74,9)	43,6 (29,3)	5A	8AA
FRE H60	515,3 (346,3)	201,3 (135,3)	5C	8C
FRE H80	-	467,2 (313,9)	-	8C+
FRE H100	-	467,2 (313,9)	-	8C+

BS (UNE-EN 61537)

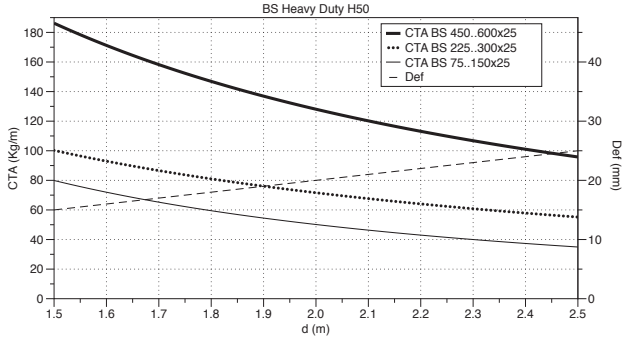
BS Light Duty H12 / H18



BS Medium Duty H25

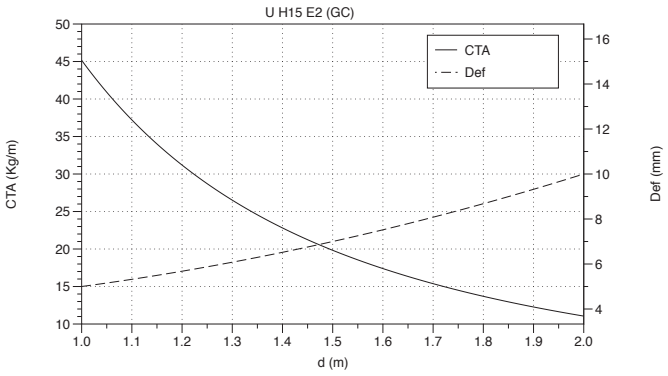


BS Heavy Duty H50

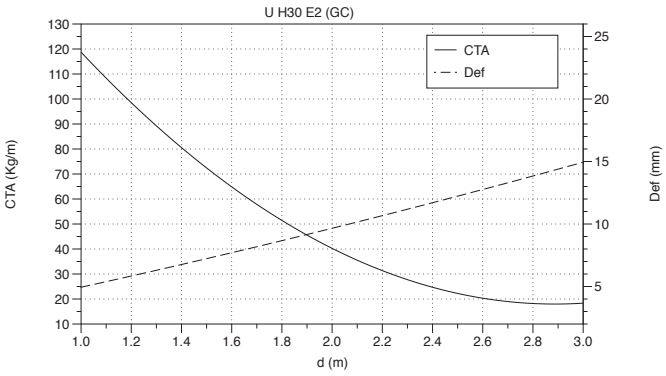


U (UNE-EN 61537)

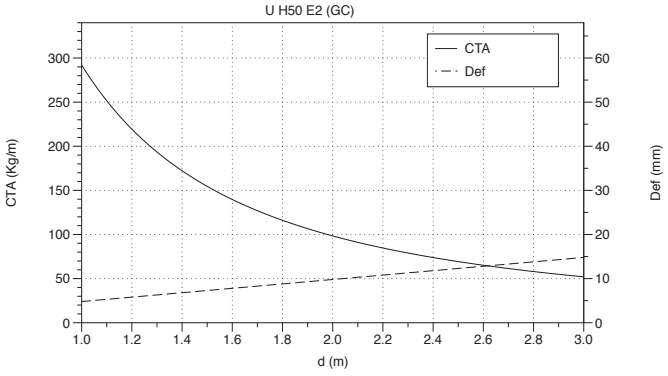
U H15 E2 (GC)



U H30 E2 (GC)

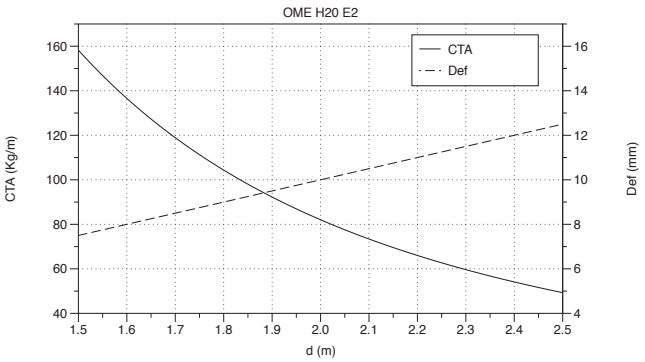


U H50 E2 (GC)

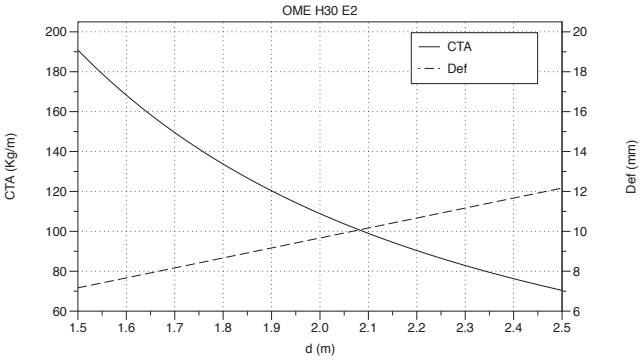


OME (UNE-EN 61537)

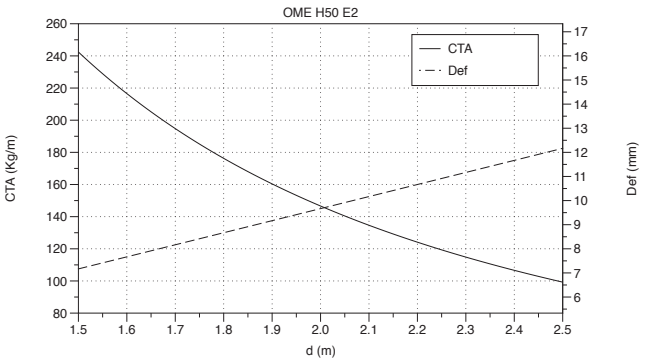
OME H20 E2



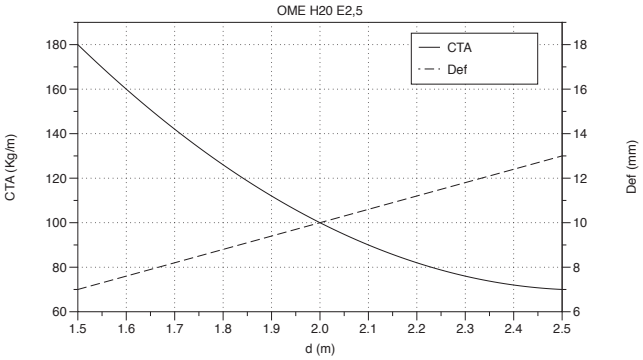
OME H30 E2



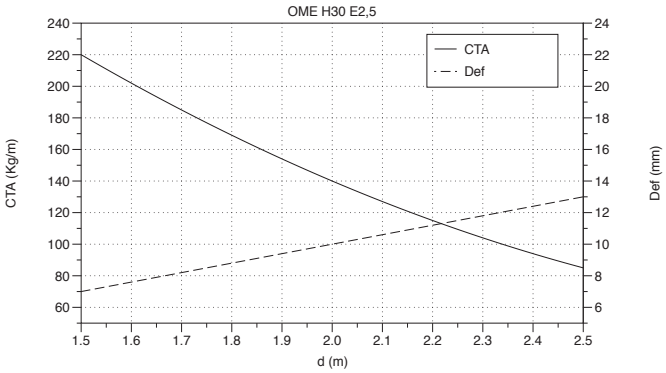
OME H50 E2



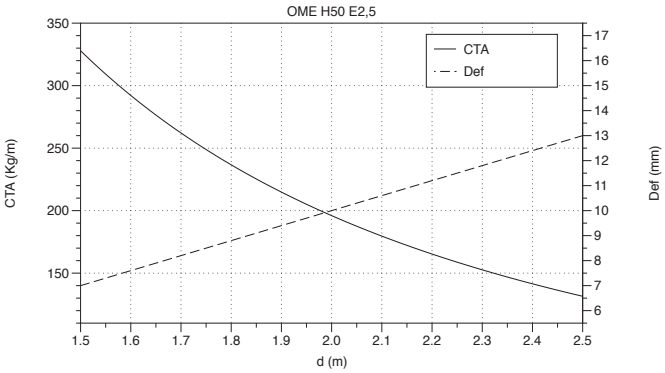
OME H20 E2,5



OME H30 E2,5

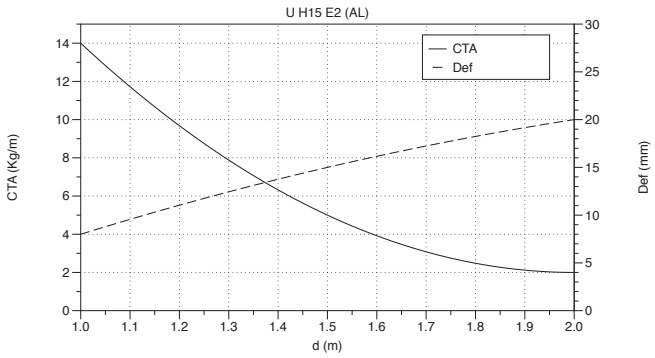


OME H50 E2,5

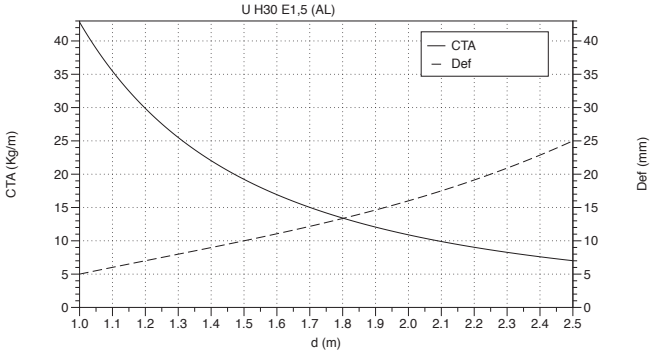


U - AL (UNE-EN 61537)

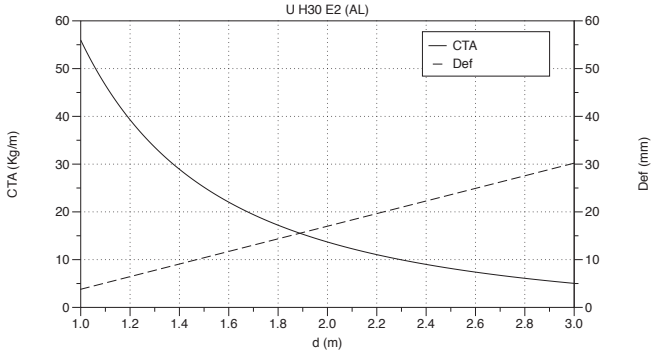
U H15 E2 (AL)



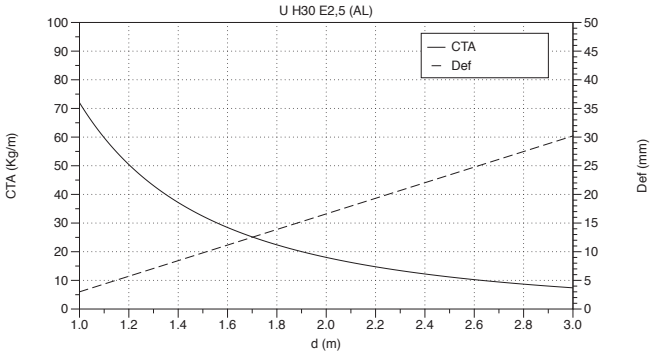
U H30 E1,5 (AL)



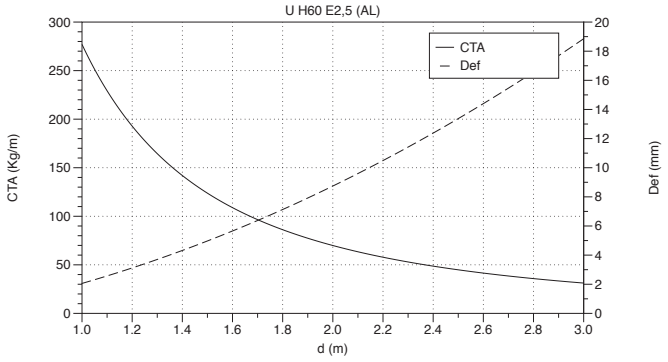
U H30 E2 (AL)



U H30 E2,5 (AL)

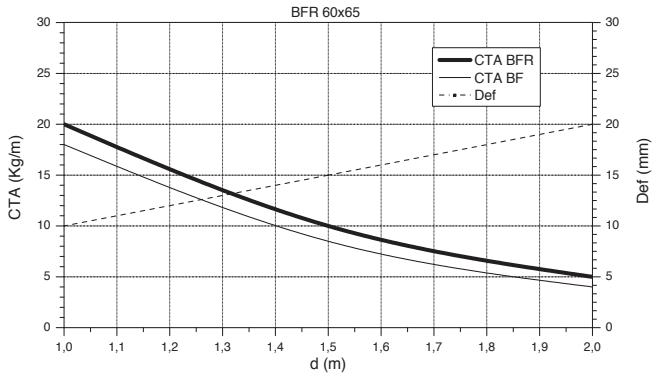


U H60 E2,5 (AL)

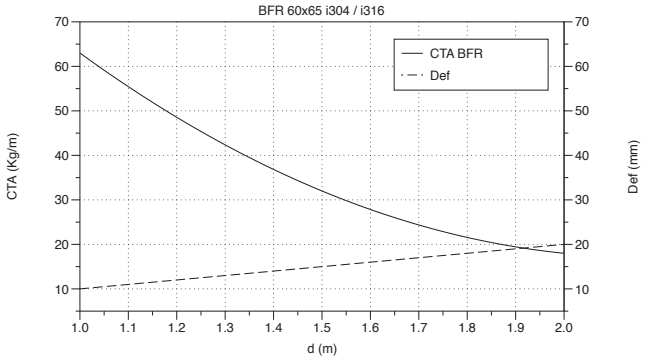


BFR (UNE-EN 61537)

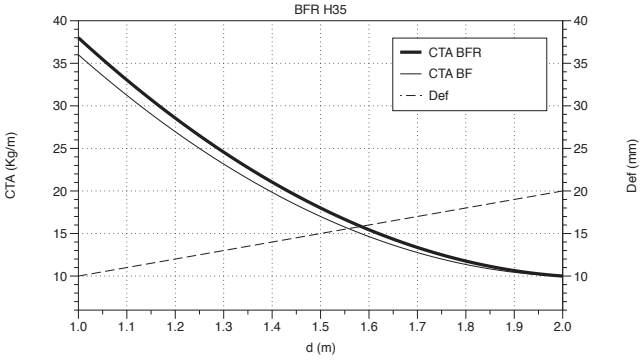
BFR 60x65



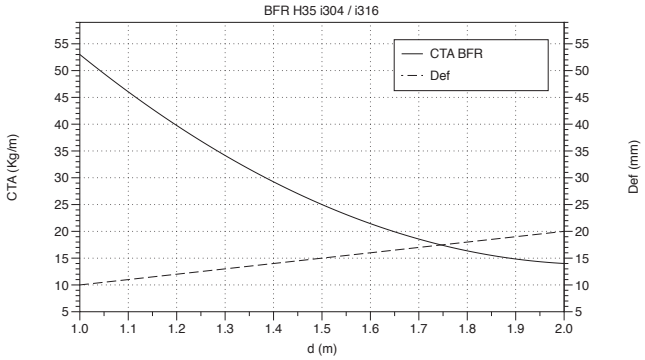
BFR 60x65 i304 / i316



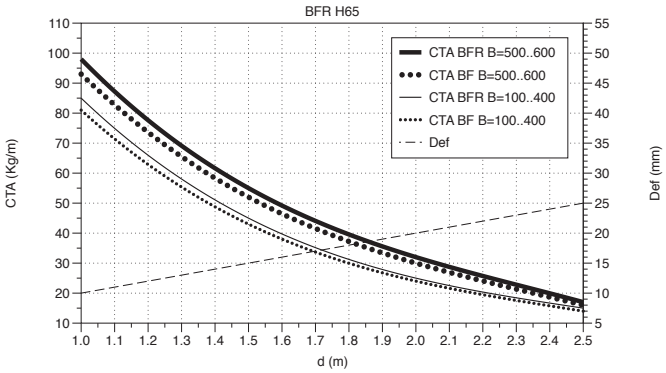
BFR H35



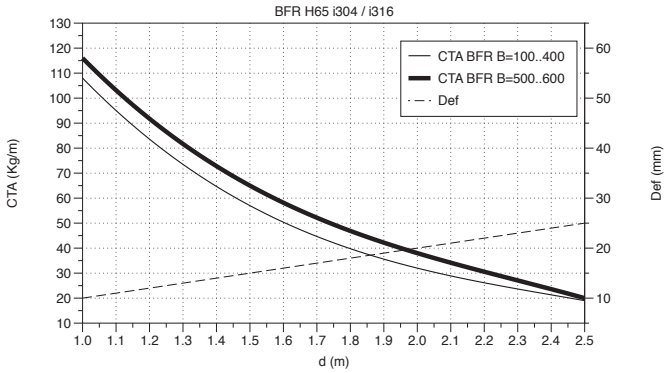
BFR H35 i304 / i316



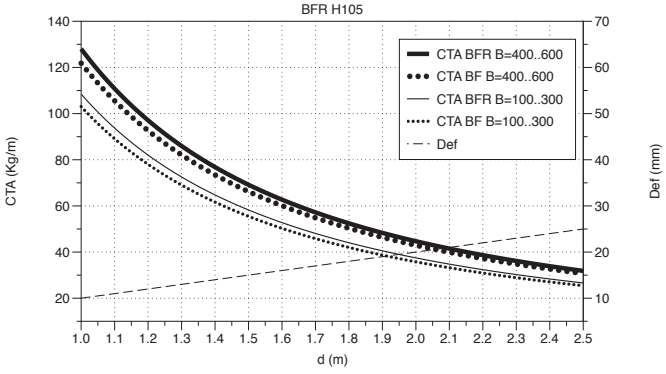
BFR H65



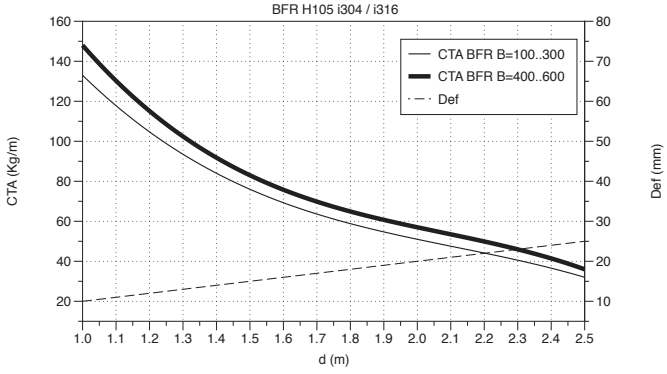
BFR H65 i304 / i316



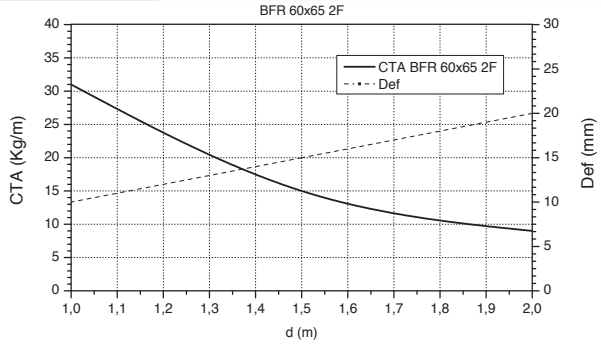
BFR H105



BFR H105 i304 / i316



BFR-2F 60x65 (UNE-EN 61537)



BFR (ANCE NMX-J-511)

EZ / HDG

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
BFR 100x35	22,3	15,5	5AA	-
BFR 150x35	22,3	15,5	5AA	-
BFR 200x35	22,3	15,5	5AA	-
BFR 300x35	28,4	19,7	5AA	6AA
BFR 60x65	12,5	8,7	-	-
BFR 100x65	28,4	19,7	5AA	6AA
BFR 150x65	31,7	22	5AA	6AA
BFR 200x65	47,6	33,1	5BB	6AA
BFR 300x65	57,1	39,6	5BB	6BB
BFR 400x65	69,9	48,5	5BB	6BB
BFR 500x65	63,5	44,1	5BB	6BB
BFR 600x65	79,4	55,1	5BB	6BB
BFR 200x105	72,2	50,1	5BB	6BB
BFR 300x105	76	52,8	5BB	6BB
BFR 400x105	111,1	77,2	5BB	6A
BFR 500X105	107,8	74,8	5BB	6A
BFR 600x105	117,5	81,6	5BB	6A

i304 / i316

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
BFR 100x35	18,9	13,2	5AA	-
BFR 150x35	22,3	15,5	5AA	-
BFR 200x35	22,3	15,5	5AA	-
BFR 60x65	12,8	8,9	-	-
BFR 100x65	28,7	19,9	5AA	6AA
BFR 150x65	25,3	17,6	5AA	-
BFR 200x65	44,5	30,9	5BB	6AA
BFR 300x65	54	37,5	5BB	6BB
BFR 400x65	60,2	41,8	5BB	6BB
BFR 500x65	57,1	39,6	5BB	6BB
BFR 600x65	54	37,5	5BB	6BB
BFR 200x105	73	50,7	5BB	6BB
BFR 300x105	69,9	48,5	5BB	6BB
BFR 400x105	76	52,8	5BB	6BB
BFR 500x105	73	50,7	5BB	6BB
BFR 600x105	69,9	48,5	5BB	6BB

BFR (NEMA VE 1)

EZ / HDG

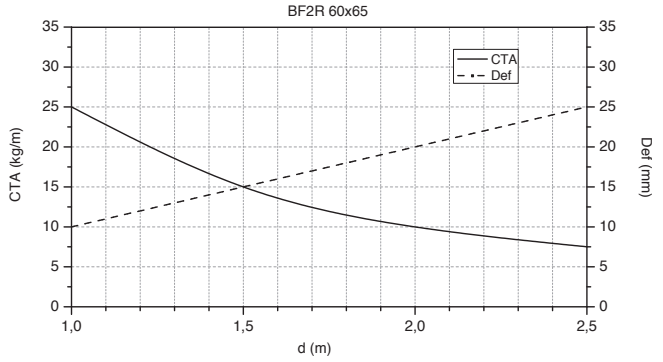
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BFR 4”x1”1/2 (100x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 6”x1”1/2 (150x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 8”x1”1/2 (200x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 12”x1”1/2 (300x35)	28,4 (19,1)	11,1 (7,5)	-	-
BFR 2”x2” (60x65)	12,5 (8,4)	4,9 (3,3)	-	-
BFR 4”x2” (100x65)	28,4 (19,1)	11,1 (7,5)	-	-
BFR 6”x2” (150x65)	31,7 (21,3)	12,4 (8,3)	-	-
BFR 8”x2” (200x65)	47,6 (32)	18,6 (12,5)	5AA	-
BFR 12”x2” (300x65)	57,1 (38,4)	22,3 (15)	5AA	-
BFR 16”x2” (400x65)	69,9 (47)	27,3 (18,3)	5AA	-
BFR 20”x2” (500x65)	63,5 (42,7)	24,8 (16,7)	5AA	-
BFR 24”x2” (600x65)	79,4 (53,3)	31 (20,8)	5A	-
BFR 8”x4” (200x105)	72,2 (48,5)	28,2 (18,9)	5AA	-
BFR 12”x4” (300x105)	76 (51,1)	29,7 (20)	5A	-
BFR 16”x4” (400x105)	111,1 (74,7)	43,4 (29,2)	5A	8AA
BFR 20”x4” (500x105)	107,8 (72,4)	42,1 (28,3)	5A	8AA
BFR 24”x4” (600x105)	117,5 (79)	45,9 (30,8)	5A	8AA

i304 / i316

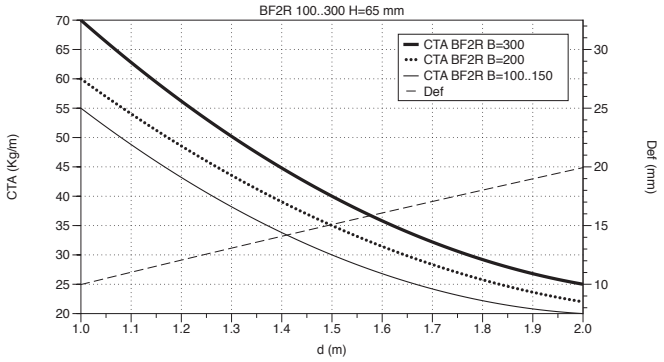
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BFR 4”x1”1/2 (100x35)	18,9 (12,7)	7,4 (5)	-	-
BFR 6”x1”1/2 (150x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 8”x1”1/2 (200x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 2”x2” (60x65)	12,8 (8,6)	5 (3,4)	-	-
BFR 4”x2” (100x65)	28,7 (19,3)	11,2 (7,5)	-	-
BFR 6”x2” (150x65)	25,3 (17)	9,9 (6,7)	-	-
BFR 8”x2” (200x65)	44,5 (29,9)	17,4 (11,7)	5AA	-
BFR 12”x2” (300x65)	54, (36,3)	21,1 (14,2)	5AA	-
BFR 16”x2” (400x65)	60,2 (40,4)	23,5 (15,8)	5AA	-
BFR 20”x2” (500x65)	57,1 (38,4)	22,3 (15,)	5AA	-
BFR 24”x2” (600x65)	54 (36,3)	21,1 (14,2)	5AA	-
BFR 8”x4” (200x105)	73 (49)	28,5 (19,2)	5AA	-
BFR 12”x4” (300x105)	69,9 (47)	27,3 (18,3)	5AA	-
BFR 16”x4” (400x105)	76 (51,1)	29,7 (20)	5A	-
BFR 20”x4” (500x105)	73 (49)	28,5 (19,2)	5AA	-
BFR 24”x4” (600x105)	69,9 (47)	27,3 (18,3)	5AA	8AA

BF2R (UNE-EN 61537)

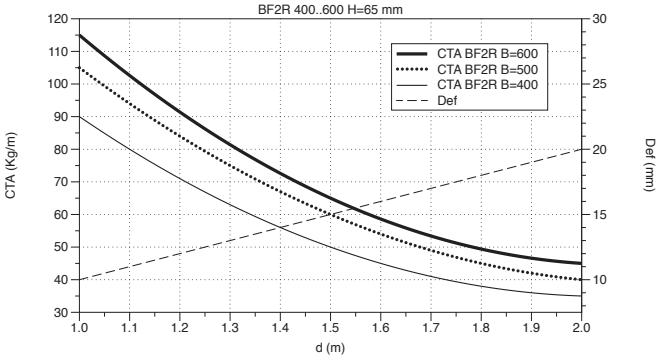
BF2R 60x65



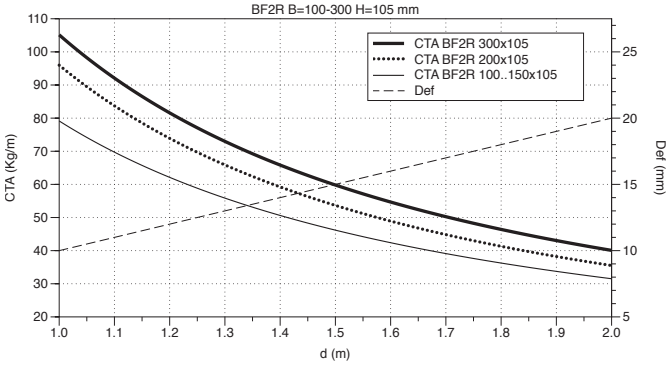
BF2R 100..300 H65



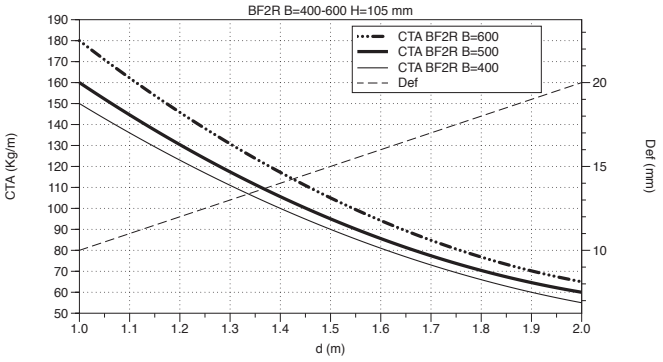
BF2R 400..600 H65



BF2R 100..300 H105



BF2R 400..600 H105



BF2R (ANCE NMX-J-511)

EZ / HDG

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
BF2R 60x65	12,5	8,7	-	-
BF2R 100x65	28,4	19,7	5AA	6AA
BF2R 150x65	31,7	22	5AA	6AA
BF2R 200x65	47,6	33,1	5BB	6AA
BF2R 300x65	57,1	39,6	5BB	6BB
BF2R 400x65	69,9	48,5	5BB	6BB
BF2R 500x65	63,5	44,1	5BB	6BB
BF2R 600x65	79,4	55,1	5A	6BB
BF2R 200x105 (E-BFR)	72,2	50,1	5BB	6BB
BF2R 300x105 (E-BFR)	76	52,8	5A	6BB
BF2R 400x105 (E-BFR)	111,1	77,2	5B	6A
BF2R 500X105 (E-BFR)	107,8	74,8	5BB	6A
BF2R 600x105 (E-BFR)	117,5	81,6	5B	6A

i304 / i316

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
BF2R 60x65	12,8	8,9	-	-
BF2R 100x65	28,7	19,9	5AA	6AA
BF2R 150x65	25,3	17,6	5AA	-
BF2R 200x65	44,5	30,9	5BB	6AA
BF2R 300x65	54	37,5	5BB	6BB
BF2R 400x65	60,2	41,8	5BB	6BB
BF2R 500x65	57,1	39,6	5BB	6BB
BF2R 600x65	54	37,5	5BB	6BB
BF2R 200x105 (E-BFR)	69,9	48,5	5BB	6BB
BF2R 300x105 (E-BFR)	69,9	48,5	5BB	6BB
BF2R 400x105 (E-BFR)	76	52,8	5BB	6BB
BF2R 500x105 (E-BFR)	79,4	55,1	5BB	6BB
BF2R 600x105 (E-BFR)	63,5	44,1	5BB	6BB

BF2R (NEMA VE 1)

EZ / HDG

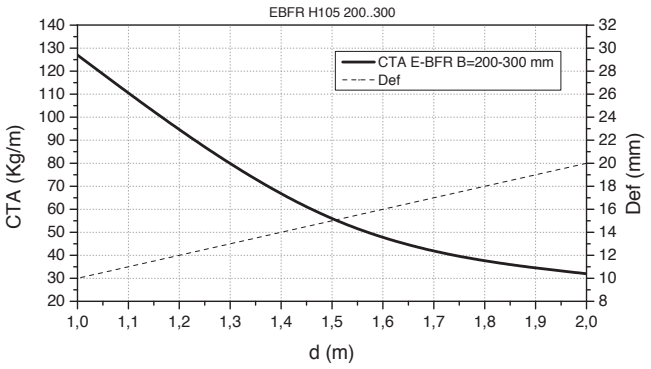
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BF2R 2"x2" (60x65)	12,5 (8,4)	4,9 (3,3)	-	-
BF2R 4"x2" (100x65)	28,4 (19,1)	11,1 (7,5)	-	-
BF2R 6"x2" (150x65)	31,7 (21,3)	12,4 (8,3)	-	-
BF2R 8"x2" (200x65)	47,6 (32)	18,6 (12,5)	5AA	-
BF2R 12"x2" (300x65)	57,1 (38,4)	22,3 (15)	5AA	-
BF2R 16"x2" (400x65)	69,9 (47)	27,3 (18,3)	5AA	-
BF2R 20"x2" (500x65)	63,5 (42,7)	24,8 (16,7)	5AA	-
BF2R 24"x2" (600x65)	79,4 (53,3)	31 (20,8)	5A	-
BF2R 8"x4" (200x105)	72,2 (48,5)	28,2 (18,9)	5AA	-
BF2R 12"x4" (300x105)	76 (51,1)	29,7 (20)	5A	-
BF2R 16"x4" (400x105)	111,1 (74,7)	43,4 (29,2)	5A	8AA
BF2R 20"x4" (500x105)	107,8 (72,4)	42,1 (28,3)	5A	8AA
BF2R 24"x4" (600x105)	117,5 (79)	45,9 (30,8)	5A	8AA

i304 / i316

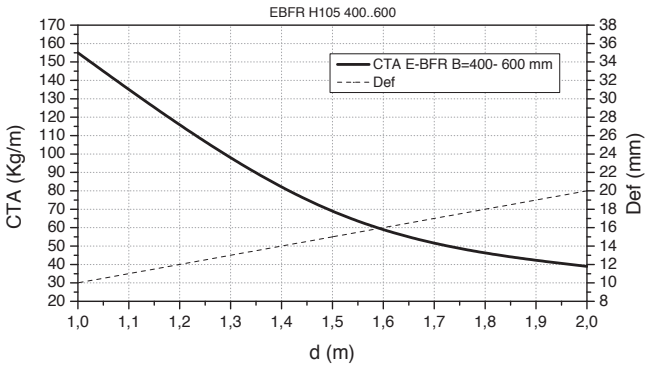
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BF2R 2"x2" (60x65)	12,8 (8,6)	5 (3,4)	-	-
BF2R 4"x2" (100x65)	28,7 (19,3)	11,2 (7,5)	-	-
BF2R 6"x2" (150x65)	25,3 (17)	9,9 (6,7)	-	-
BF2R 8"x2" (200x65)	44,5 (29,9)	17,4 (11,7)	5AA	-
BF2R 12"x2" (300x65)	54, (36,3)	21,1 (14,2)	5AA	-
BF2R 16"x2" (400x65)	60,2 (40,4)	23,5 (15,8)	5AA	-
BF2R 20"x2" (500x65)	57,1 (38,4)	22,3 (15,)	5AA	-
BF2R 24"x2" (600x65)	54 (36,3)	21,1 (14,2)	5AA	-
BF2R 8"x4" (200x105)	73 (49)	28,5 (19,2)	5AA	-
BF2R 12"x4" (300x105)	69,9 (47)	27,3 (18,3)	5AA	-
BF2R 16"x4" (400x105)	76 (51,1)	29,7 (20)	5A	-
BF2R 20"x4" (500x105)	73 (49)	28,5 (19,2)	5AA	-
BF2R 24"x4" (600x105)	69,9 (47)	27,3 (18,3)	5AA	8AA

EBFR (UNE-EN 61537)

EBFR H105 200..300



EBFR H105 400..600



EBFR (ANCE NMX-J-511)

EZ / HDG

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
EBFR 200x105	69,9	48,5	5BB	6BB
EBFR 300x105	66,6	46,2	5BB	6BB
EBFR 400x105	91,9	63,8	5BB	6BB
EBFR 500X105	98,3	68,3	5BB	6BB
EBFR 600x105	114,2	79,3	5BB	6A

i304 / i316

	CTA kg/m		Clasification	
	5 ft	6 ft	5 ft	6 ft
	1,52 m	1,83 m	1,52 m	1,83 m
EBFR 200x105	69,9	48,5	5BB	6BB
EBFR 300x105	69,9	48,5	5BB	6BB
EBFR 400x105	76	52,8	5BB	6BB
EBFR 500x105	79,4	55,1	5BB	6BB
EBFR 600x105	63,5	44,1	5BB	6BB

EBFR (NEMA VE 1)

EZ / HDG

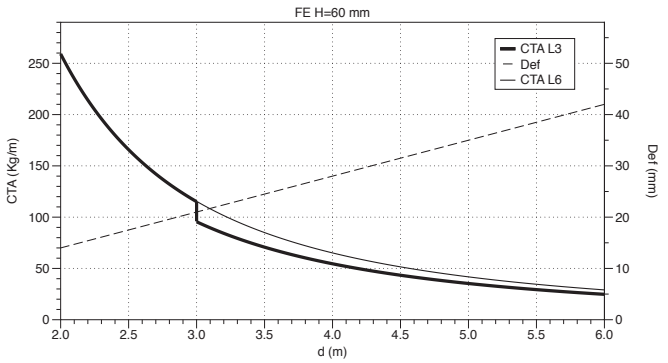
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
EBFR 8"x4" (200x105)	69,9 (47,0)	27,3 (18,3)	5AA	-
EBFR 12"x4" (300x105)	66,6 (44,7)	26,0 (17,5)	5AA	-
EBFR 16"x4" (400x105)	91,9 (61,8)	35,9 (24,1)	5A	-
EBFR 20"x4" (500x105)	98,3 (66,1)	38,4 (25,8)	5A	8AA
EBFR 24"x4" (600x105)	114,2 (76,7)	44,6 (30,0)	5A	8AA

i304 / i316

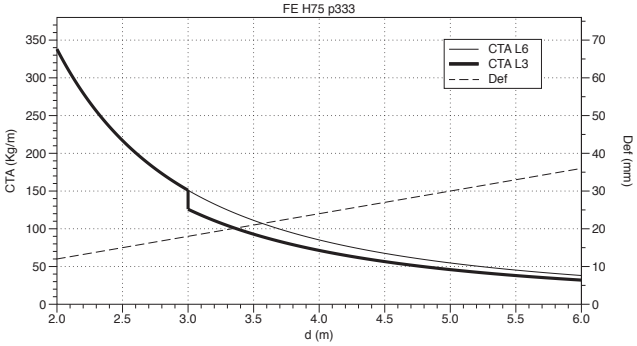
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
EBFR 8"x4" (200x105)	69,9 (47,0)	27,3 (18,3)	5AA	-
EBFR 12"x4" (300x105)	69,9 (47,0)	27,3 (18,3)	5AA	-
EBFR 16"x4" (400x105)	76, (51,1)	29,7 (20,0)	5A	-
EBFR 20"x4" (500x105)	79,4 (53,3)	31,0 (20,8)	5A	-
EBFR 24"x4" (600x105)	63,5 (42,7)	24,8 (16,7)	5AA	-

FE (UNE-EN 61537)

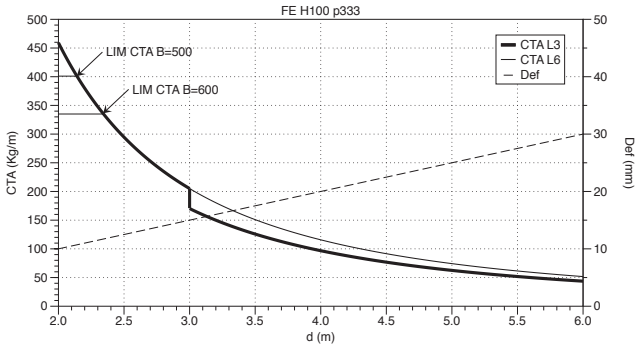
FE H60



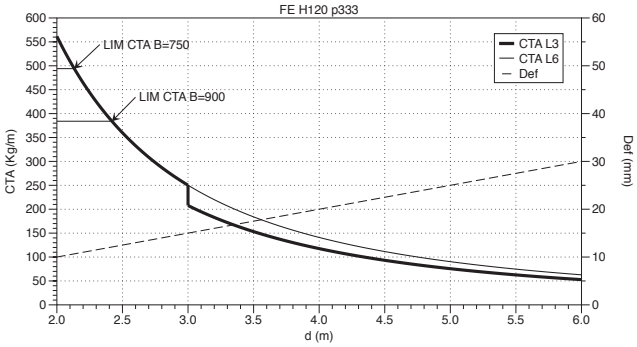
FE H75 p333



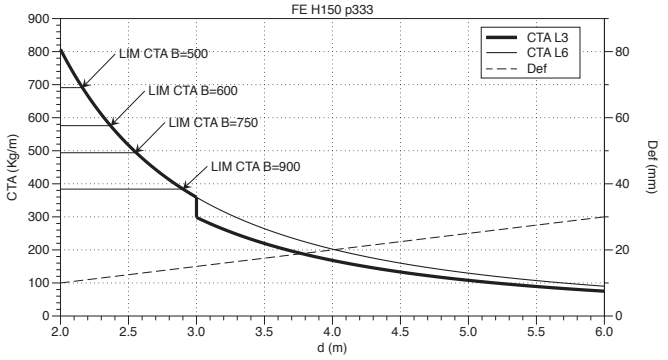
FE H100 p333



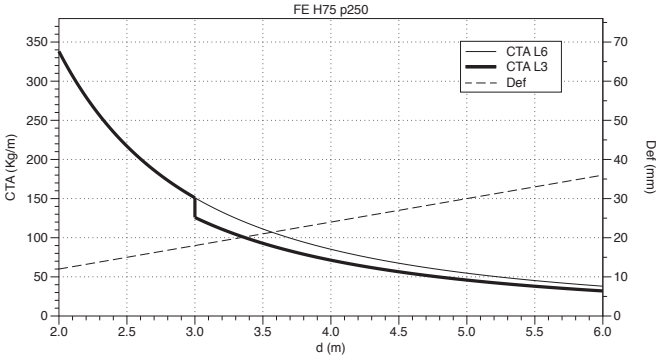
FE H120 p333



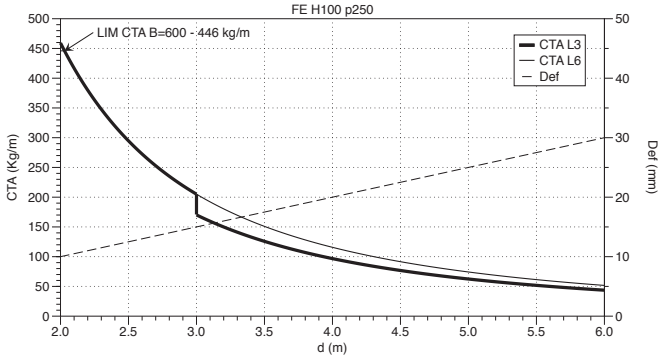
FE H150 p333



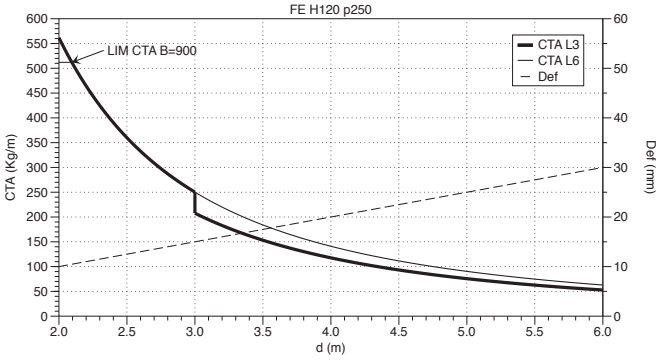
FE H75 p250



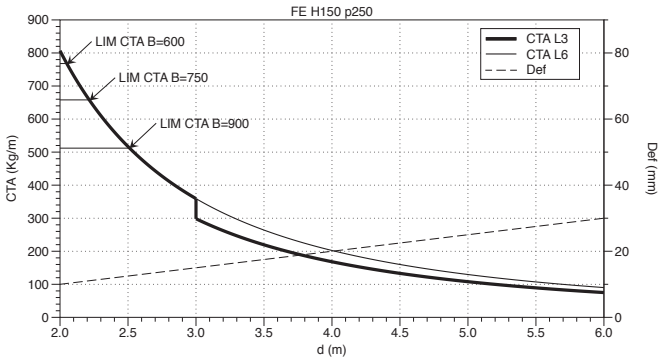
FE H100 p250



FE H120 p250



FE H150 p250



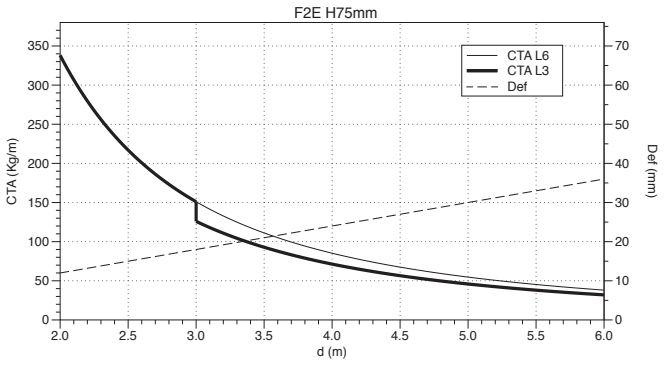
FE (NEMA VE1)

FE (NEMA VE 1)

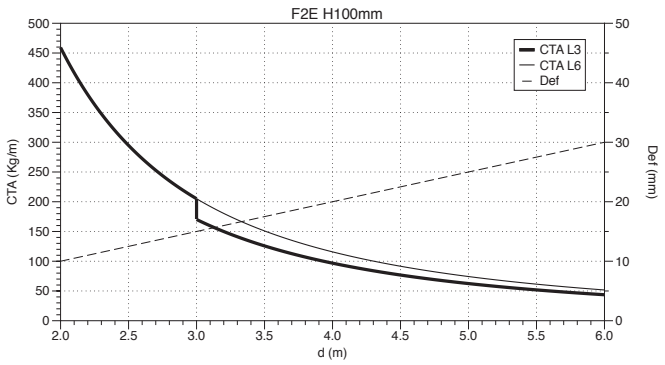
Side Rail (Hxe)	Class
60x1,5	8C-12A
75x1,5	8C-12A
75x2	8C-12B
100x1,5	12C-16A
100x2	12C-16A
120x1,5	12C-16A
120x2	12C-16B-20A
150x1,5	12C-16A
150x2	12C-16B-20A

F2E (UNE-EN 61537)

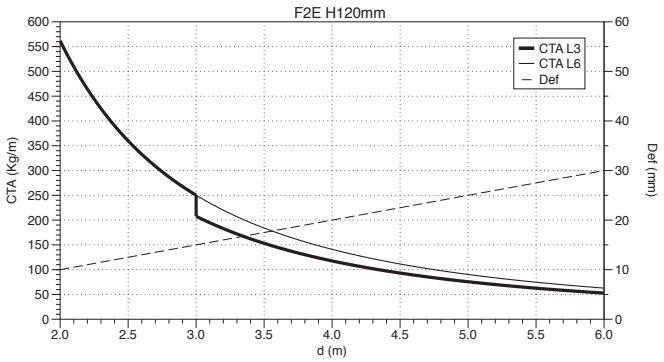
F2E H75



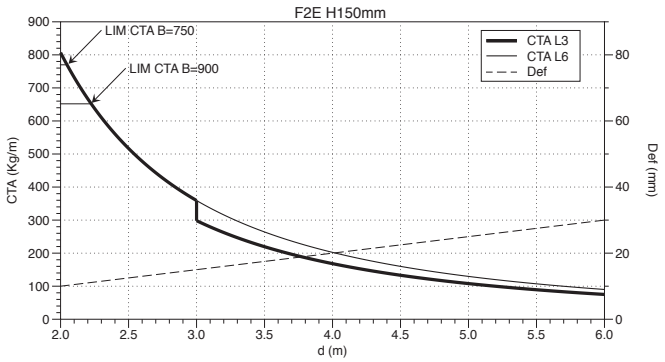
F2E H100



F2E H120

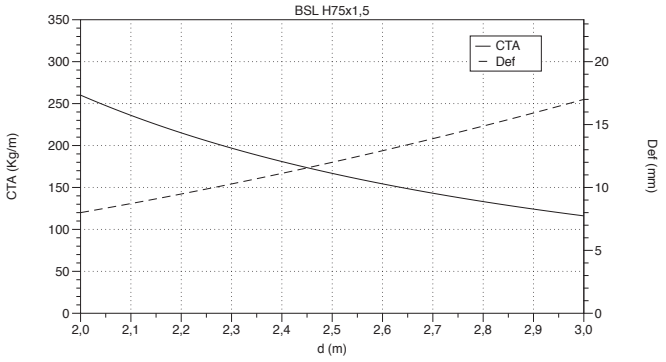


F2E H150

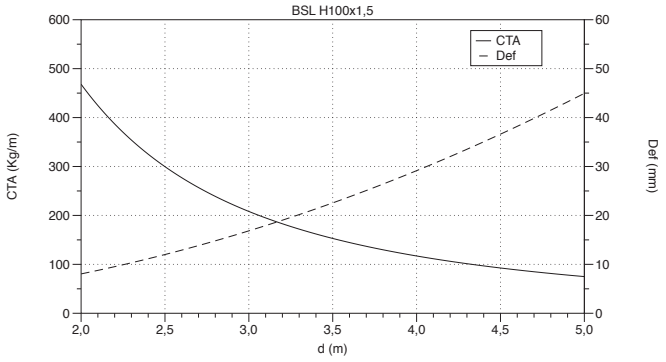


BSL (UNE-EN 61537)

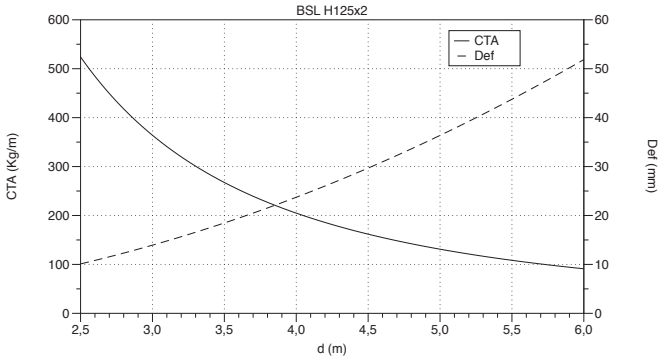
BSL H75



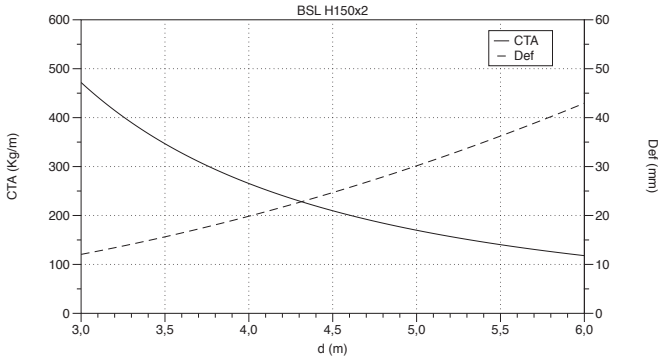
BSL H100



BSL H125



BSL H150



BSL/BSLR (NEMA VE1)

BSL (NEMA VE 1)

Side Rail (Hxe)	Class
100x1,5	12B - 16A
125x1,5	12C - 20A
150x2	16C - 20B

BSLR (NEMA VE 1)

Side Rail (Hxe)	Class
125x2	20B
150x2	20C

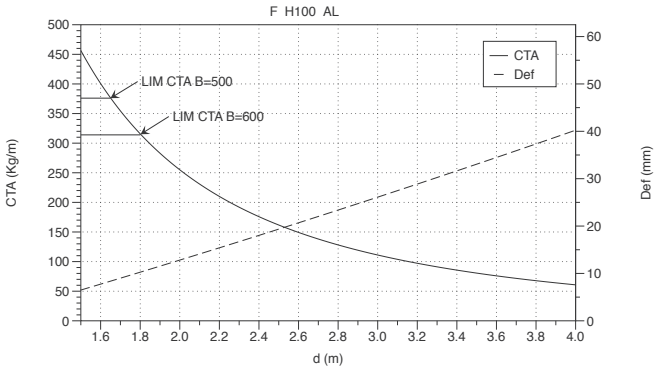
RP (NEMA VE1)

RP (NEMA VE 1)

Side Rail (Hxe)	Class
70x4	12C - 16A
100x4	16C - 20A
120x4	16C - 20B

F AL (UNE-EN 61537)

F H100 AL



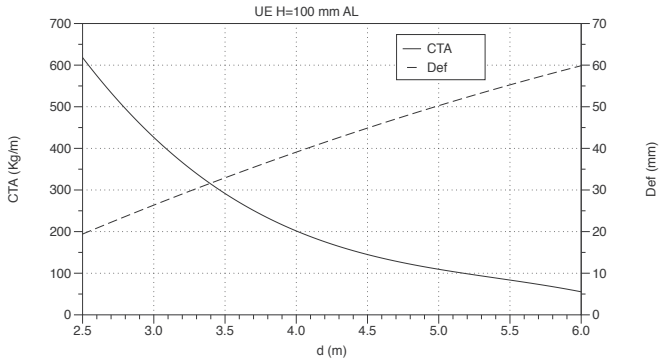
F AL (NEMA VE1)

F AL (NEMA VE1)

Side Rail (Hxe)	Class
100x2	8C - 12A

UEC AL (UNE-EN 61537)

UEC H100 AL



UEC AL (NEMA VE1)

UEC H100 AL (NEMA VE1)

Side Rail (Hxe)	Class
100x4,5	16C - 20B

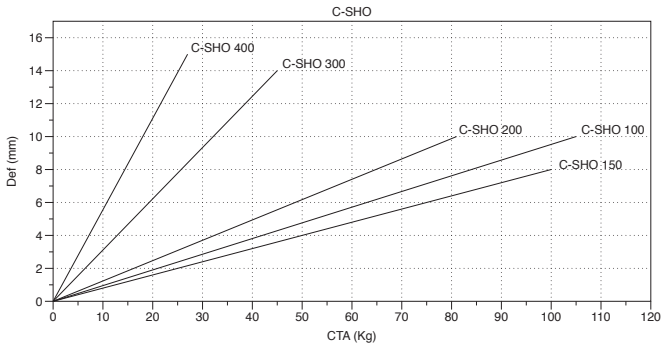
I (NEMA VE1)

I

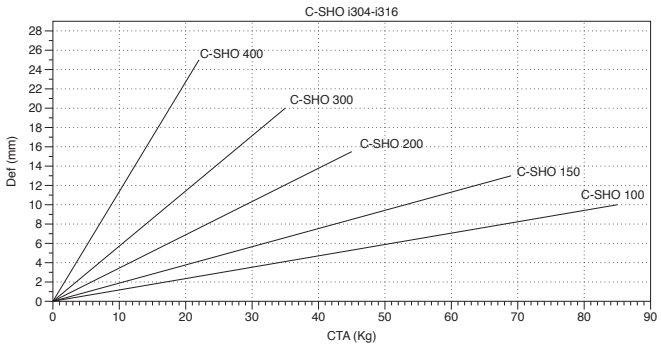
Side Rail	Class
IL4"	16A - 12C
IS4"	20A - 16B
IR4"	20B - 16C
IL5"	16A - 12C
IS5"	20A - 16B
IR5"	20B - 16C
IL6"	20A - 16B
IS6"	20B - 16C
IR6"	20C

SUPPORTS (UNE-EN 61537)

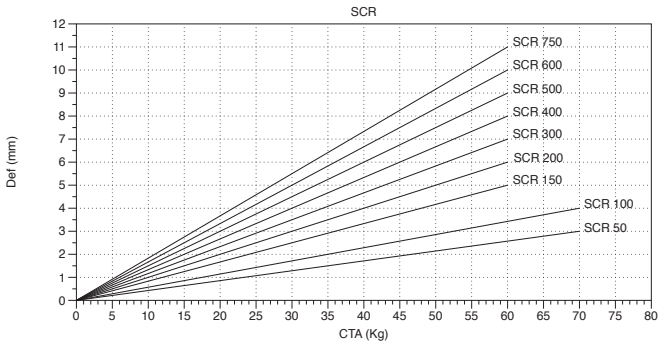
C-SHO



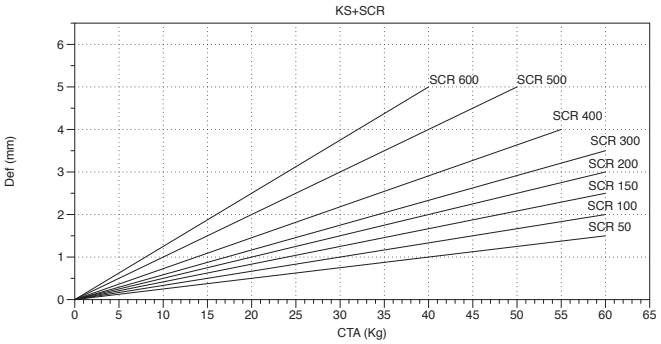
C-SHO i304-i316



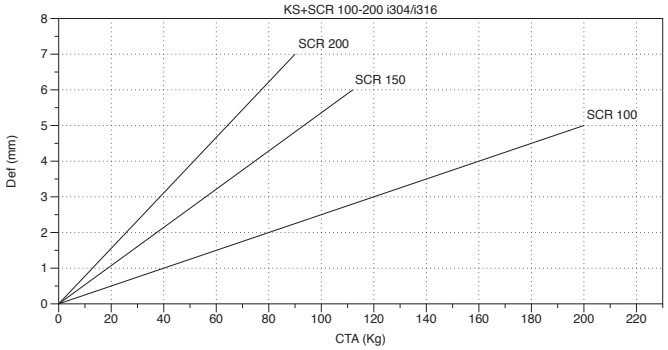
SCR



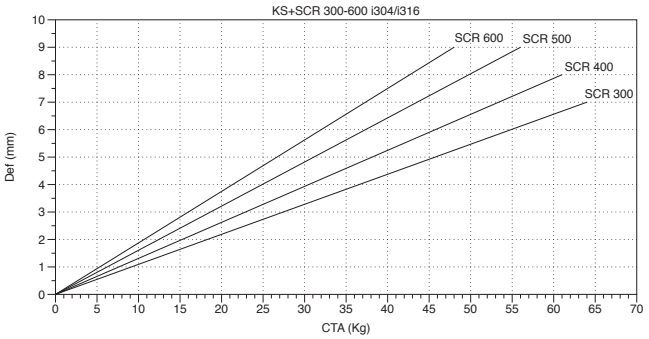
KS + SCR



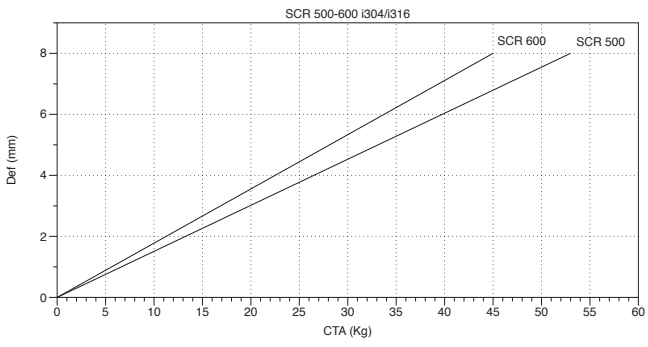
KS+SCR i304/i316 100-200



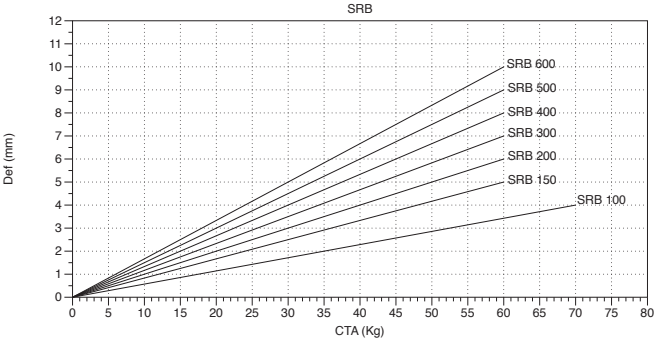
KS+SCR i304/i316 300-600



SCR i304/i316 500-600

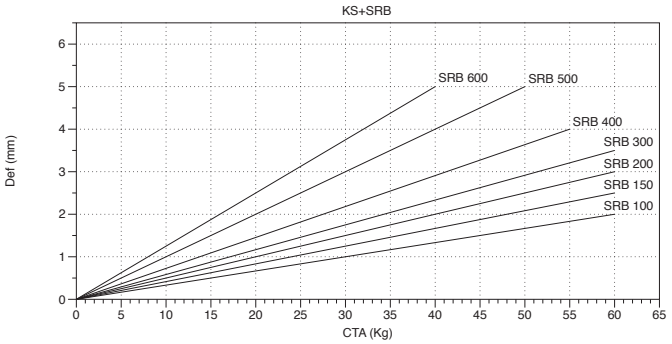


SRB

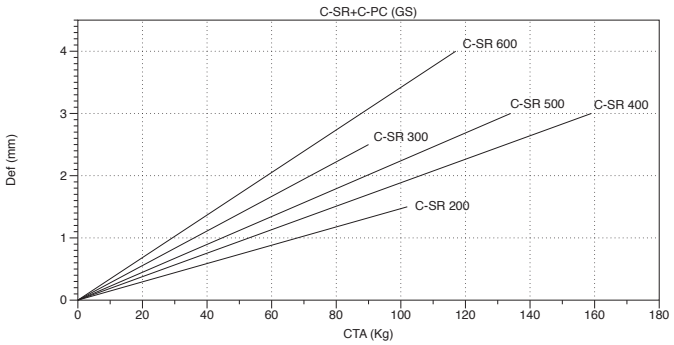


SUPPORTS (UNE-EN 61537)

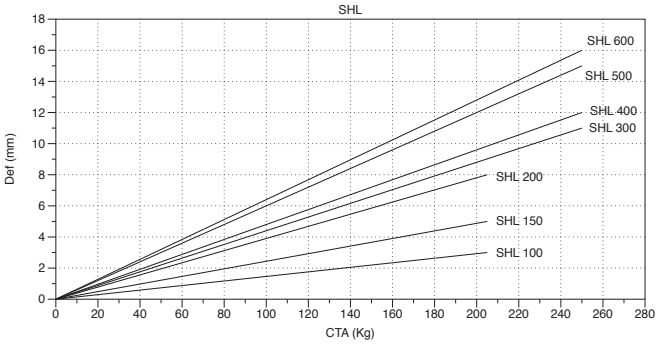
KS + SRB



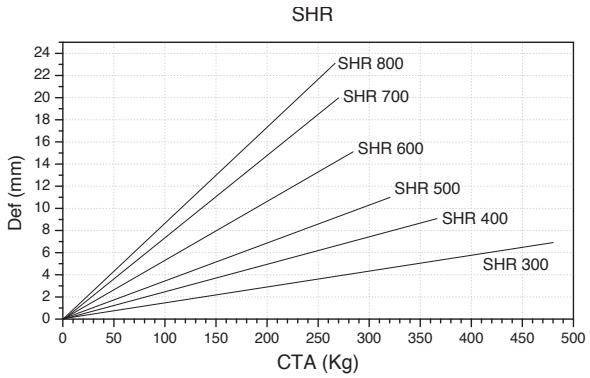
C-SR+C-PC (GS)



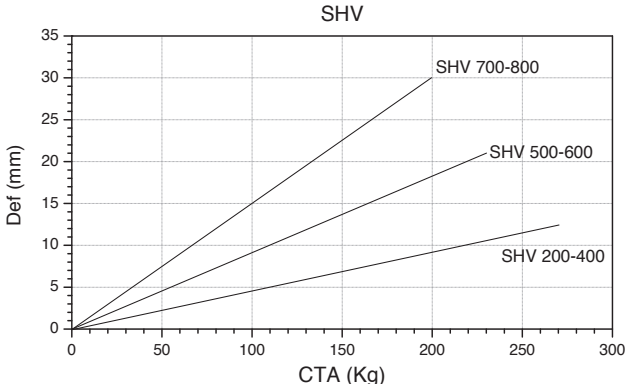
SHL



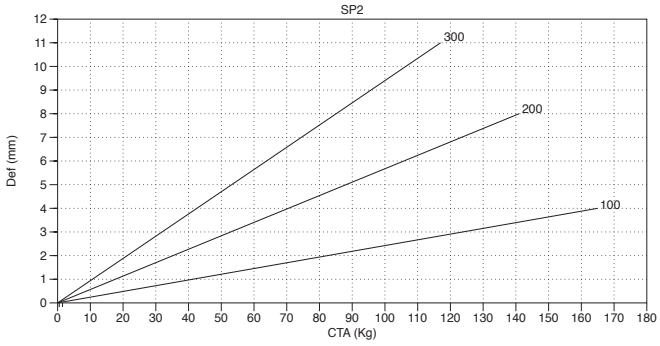
SHR



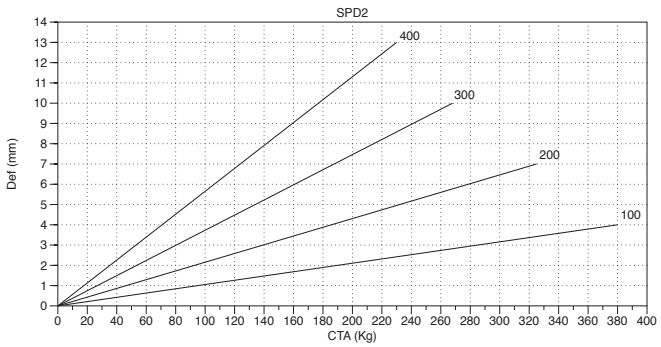
SHV



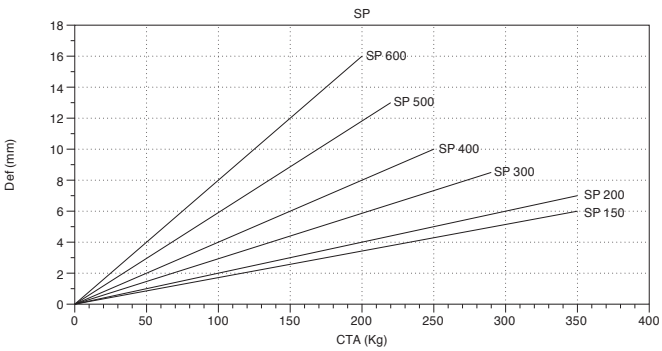
SP2



SPD2

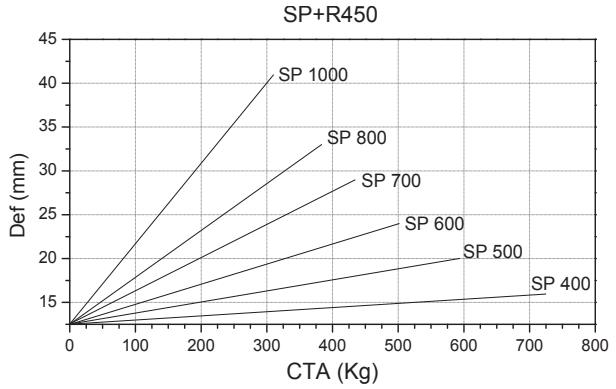


SP

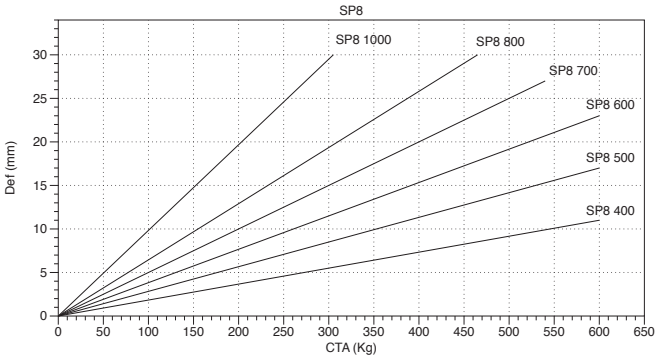


SUPPORTS (UNE-EN 61537)

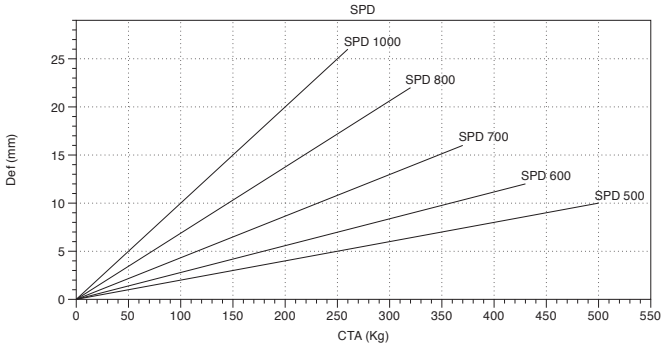
SP+R450



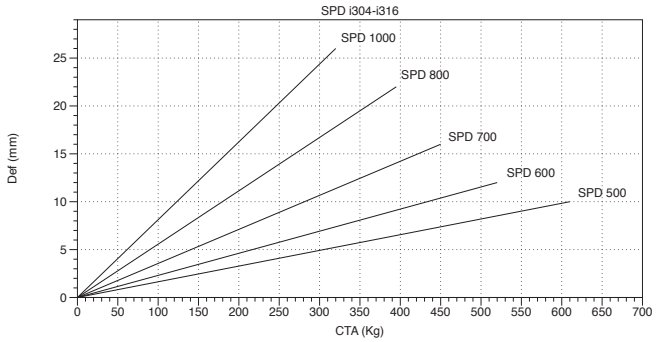
SP8



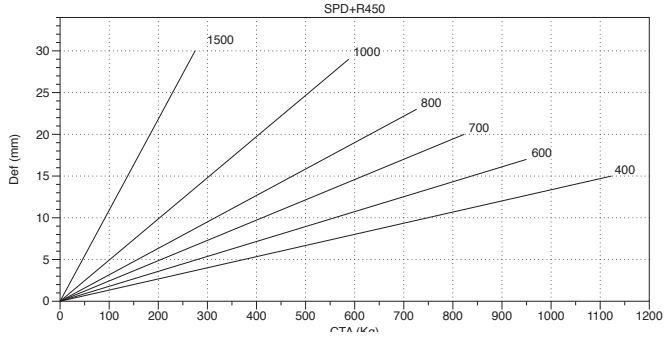
SPD



SPD i304/i316

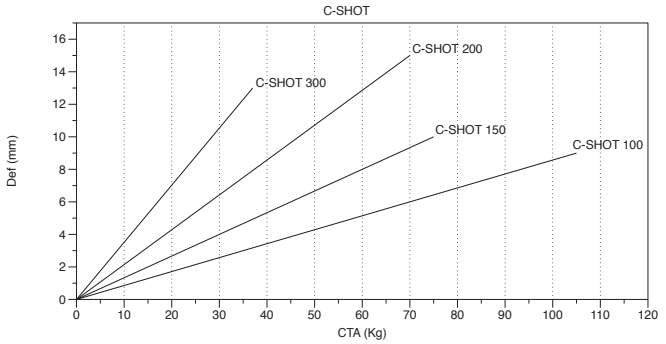


SPD+R450

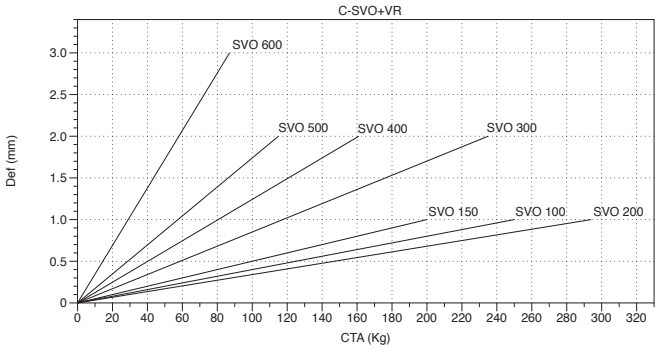


SUPPORTS (UNE-EN 61537)

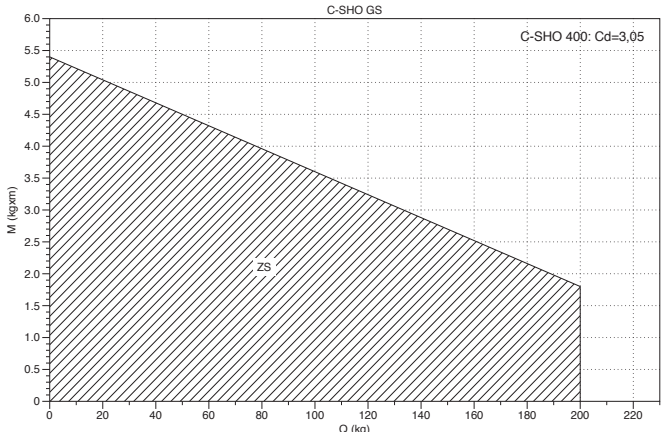
C-SHOT



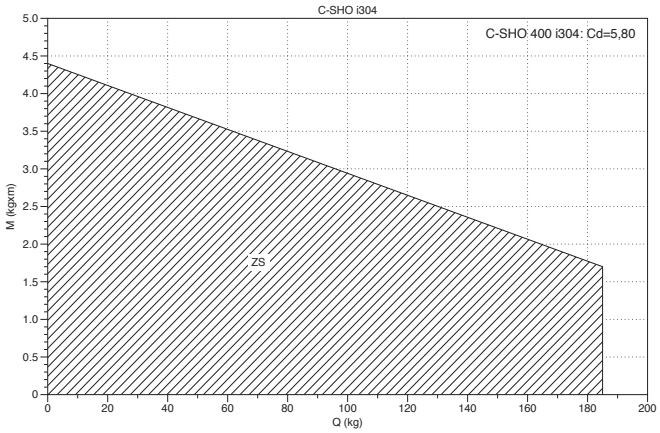
C-SVO+VR



C-SHO 400 ZS

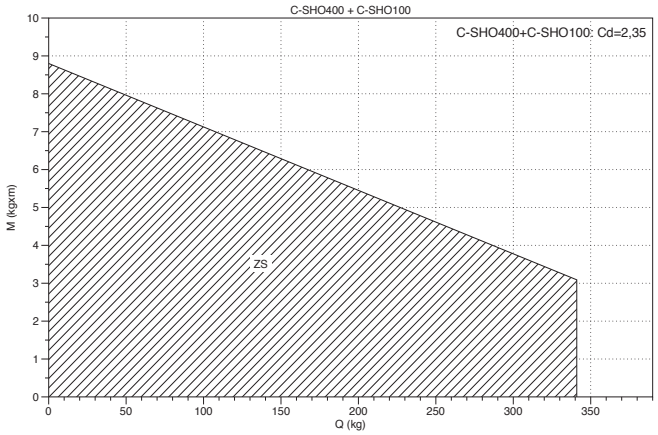


C-SHO 400 i304-i316 ZS

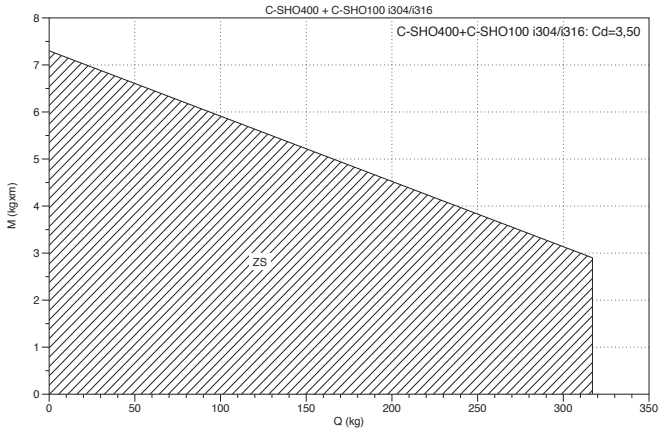


SUPPORTS (UNE-EN 61537)

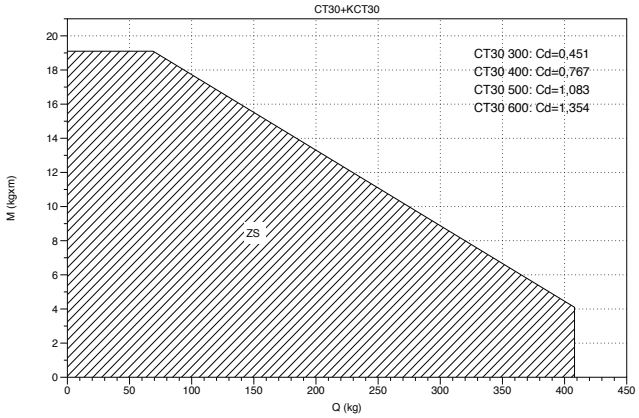
C-SHO 400 + C-SHO 100



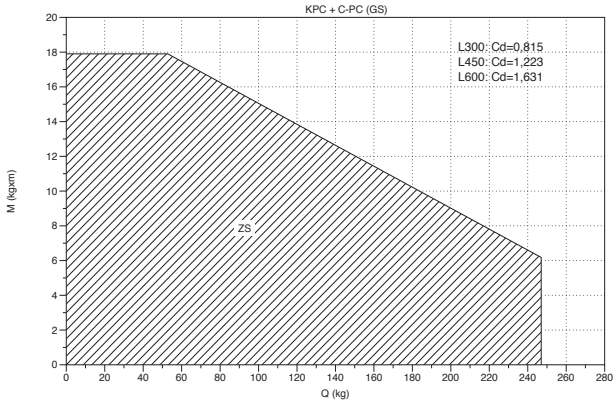
C-SHO 400 + C-SHO 100 i304/i316



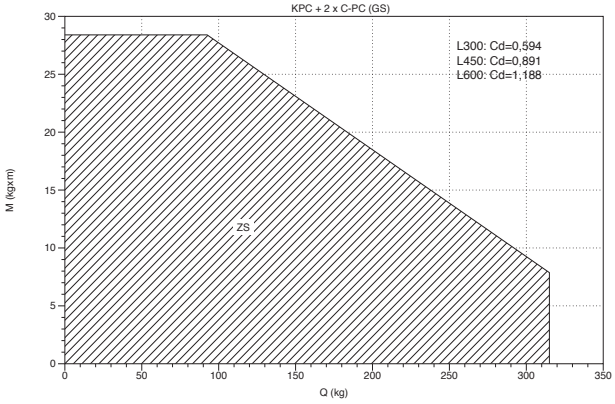
CT30+KCT30



KPC + C-PC (GS)

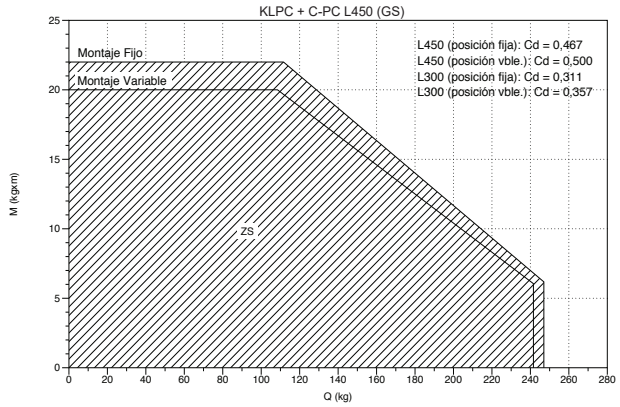


KPC + 2 x C-PC (GS)

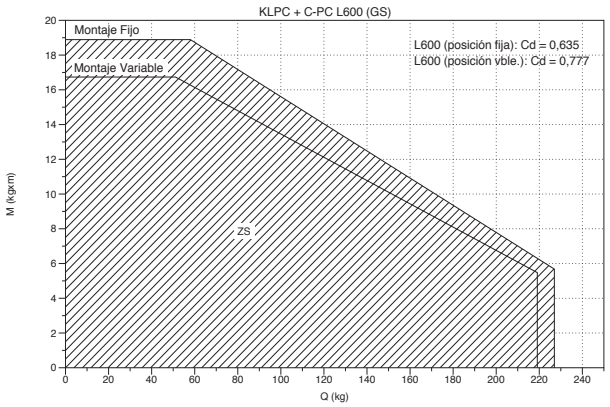


SUPPORTS (UNE-EN 61537)

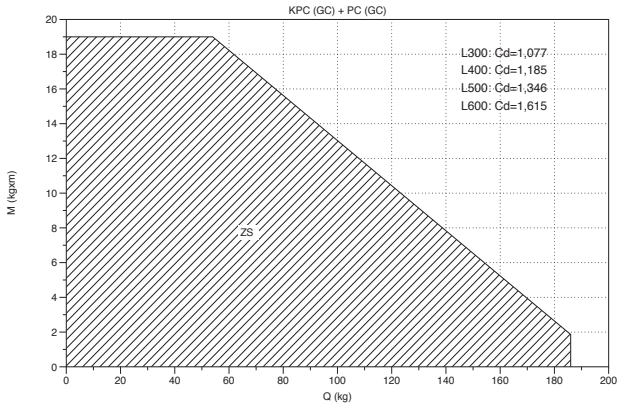
KLPC + C-PC L450 (GS)



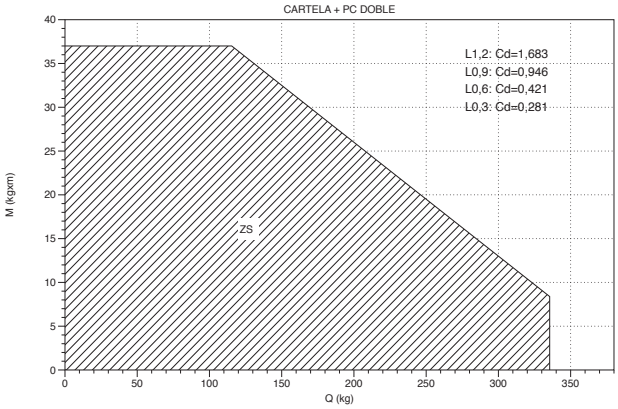
KLPC + C-PC L600 (GS)



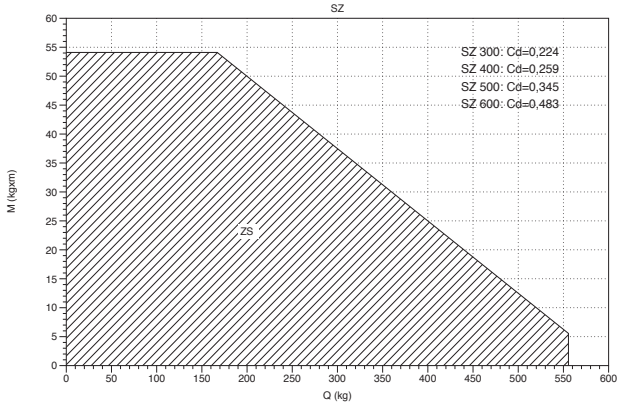
KAPC (GC) + PC (GC)



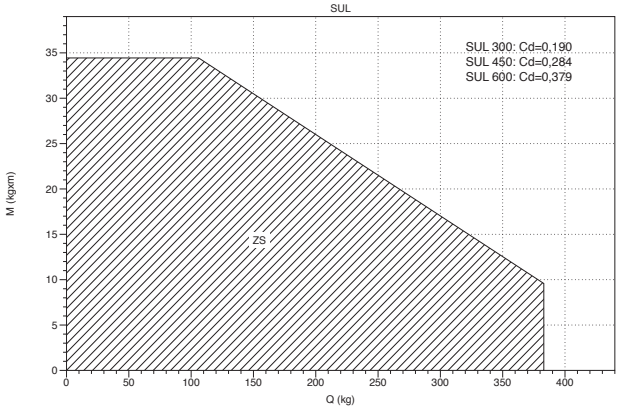
KAPC + 2 x C-PC (GC)



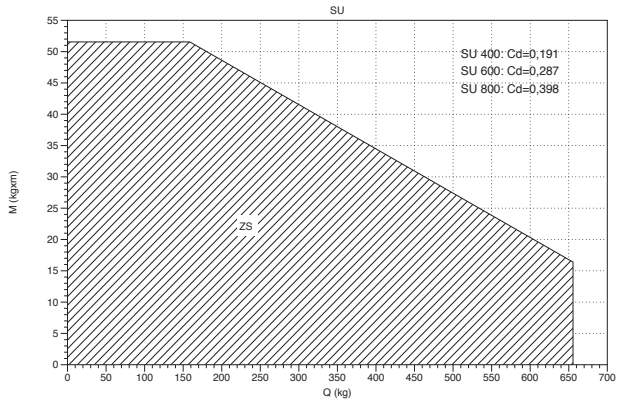
SZ



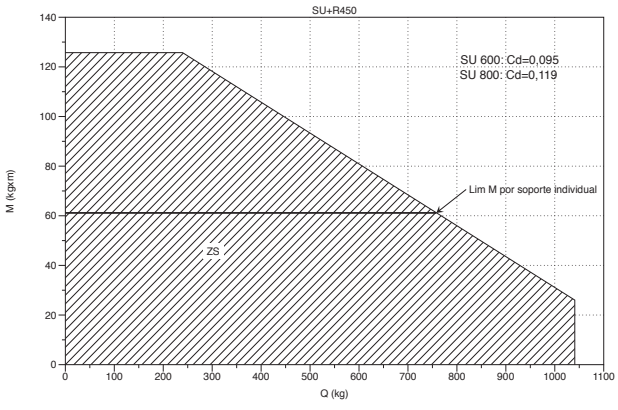
SUL



SU

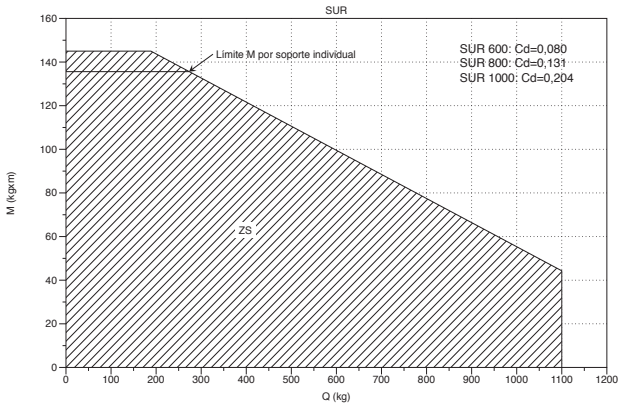


SU+R450

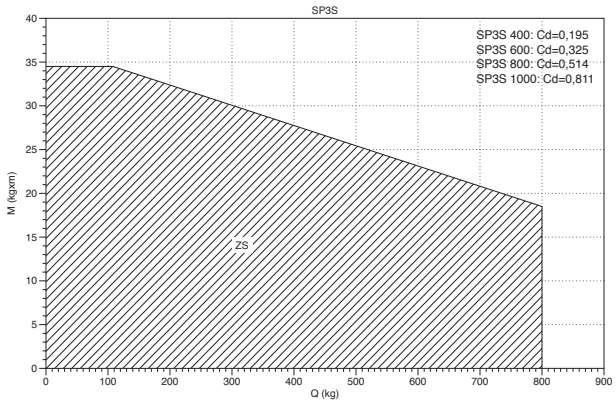


SUPPORTS (UNE-EN 61537)

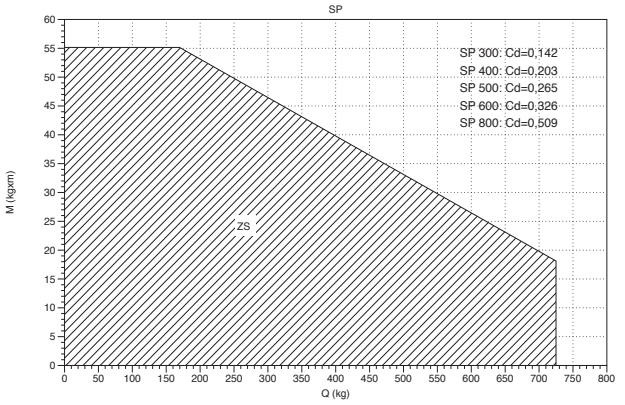
SUR



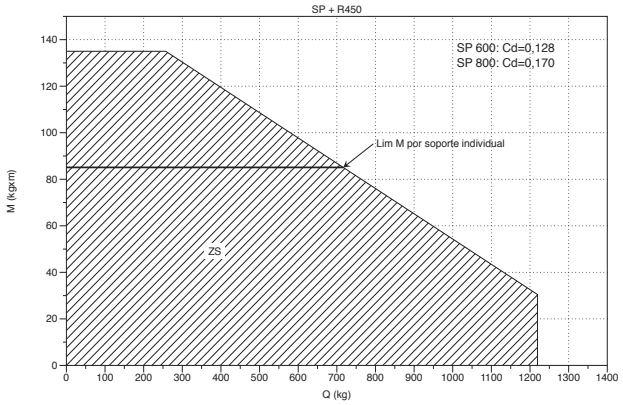
SP3S



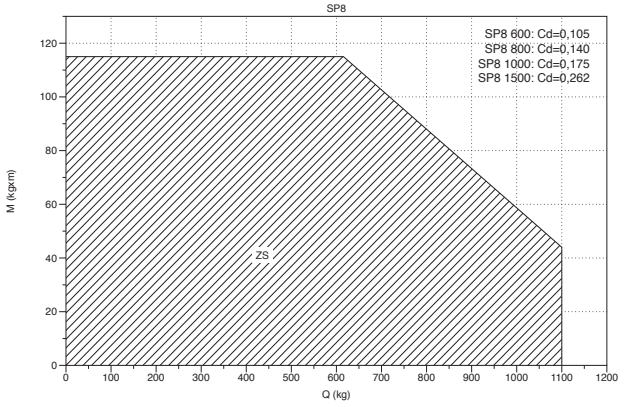
SP



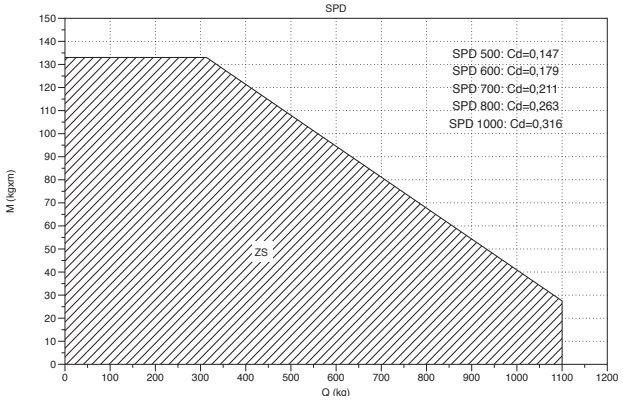
SP + R450



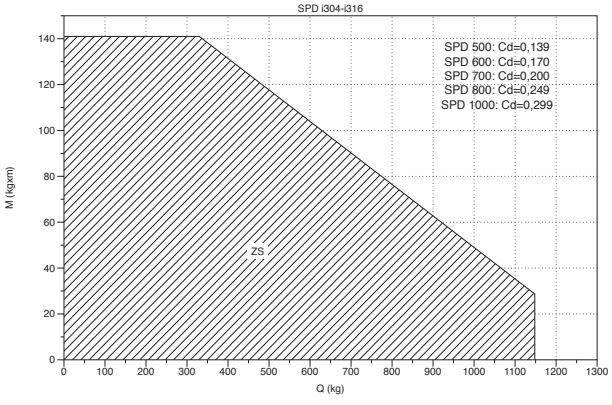
SP8 ZS



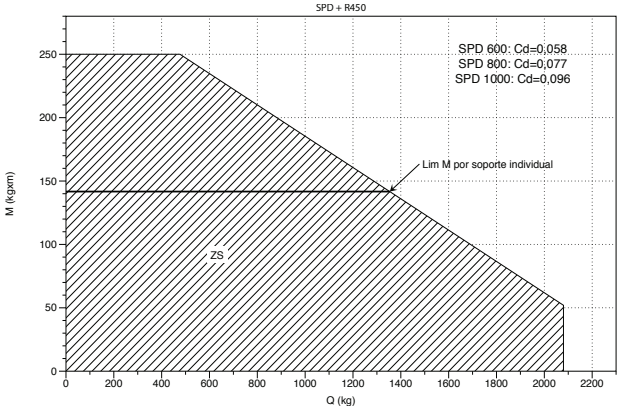
SPD



SPD i304/i316

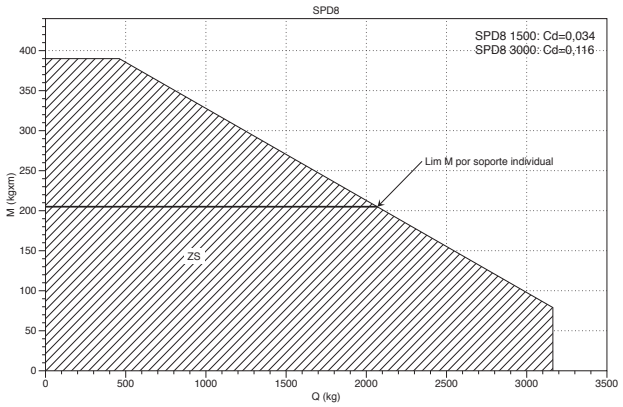


SPD + R450

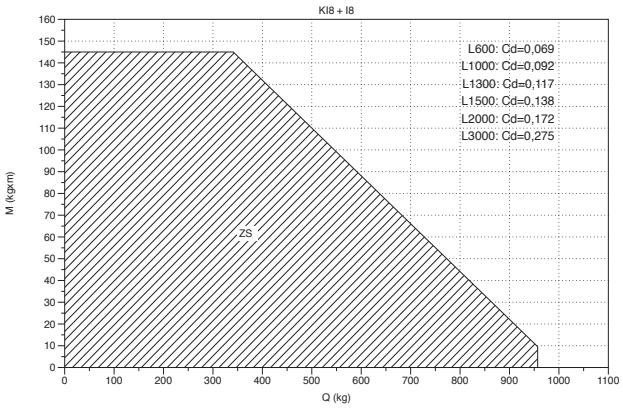


SUPPORTS (UNE-EN 61537)

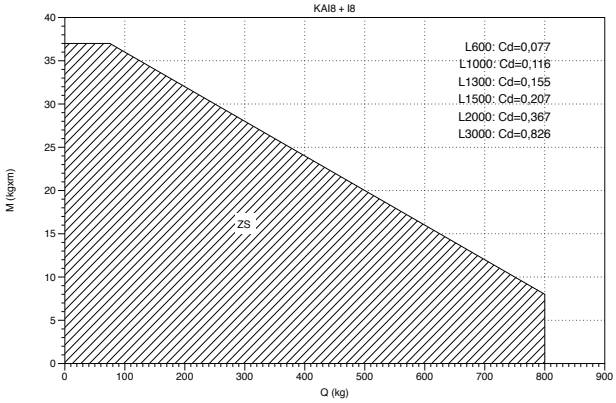
SPD8 ZS



KI8 + I8



KAI8 + I8



BASORPLAST

SV

B		CTA	
mm	inch	kg	Lb
100	4''	**276**	609
150	6''	**265**	584
200	8''	**253**	558
300	12''	**207**	456
400	16''	**506**	1116
500	20''	**460**	1014
600	24''	**414**	912

SFS +C-SVO

B		CTA	
mm	inch	kg	Lb
100	4''	**176**	388
150	6''	**176**	388
200	8''	**176**	388
300	12''	**176**	388
400	16''	**161**	354
500	20''	**115**	253
600	24''	**87**	191

BPI (UNE-EN 61537)

MÁX. 40ºC	Carga admisible (Kg/m)	
MODELO	Distancia 1 m	Distancia 1,5 m
BPI-60x100	59	32
BPI-60x150	59	35
BPI-60x200	121	59
BPI-60x300	126	69
BPI-100x200	143	105
BPI-100x300	144	101
BPI-100x400	154	147
BPI-100x600	136	98

MÁX. 60ºC	Carga admisible (Kg/m)
MODELO	Distancia 1 m
BPI-60x100	53
BPI-60x150	42
BPI-60x200	80
BPI-60x300	83
BPI-100x200	99
BPI-100x300	107
BPI-100x400	163
BPI-100x600	102

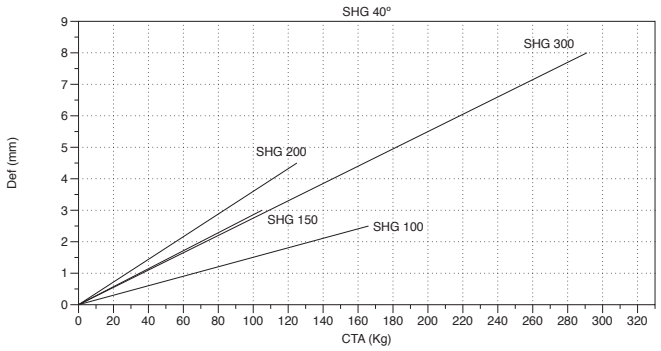
BPE (UNE-EN 61537)

MÁX. 40ºC	Carga admisible (Kg/m)	
MODELO	Distancia 1 m	Distancia 1,5 m
BPE-60x100	48	30
BPE-60x150	49	30
BPE-60x200	86	48
BPE-60x300	91	59
BPE-100x200	154	110
BPE-100x300	151	112
BPE-100x400	154	94
BPE-100x600	118	107

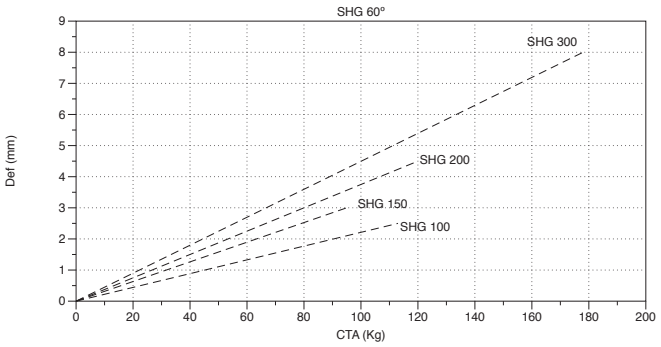
MÁX. 60ºC	Carga admisible (Kg/m)
MODELO	Distancia 1 m
BPE-60x100	38
BPE-60x150	40
BPE-60x200	61
BPE-60x300	65
BPE-100x200	99
BPE-100x300	111
BPE-100x400	99
BPE-100x600	94

SUPPORTS (UNE-EN 61537)

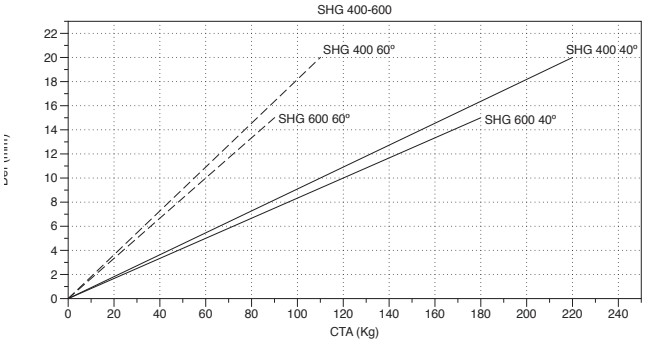
SHG 100..300 40º



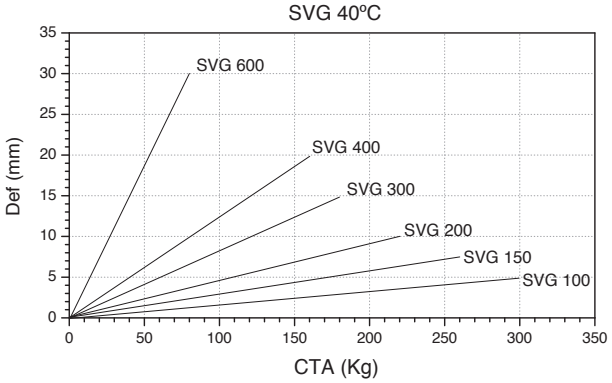
SHG 100..300 60º



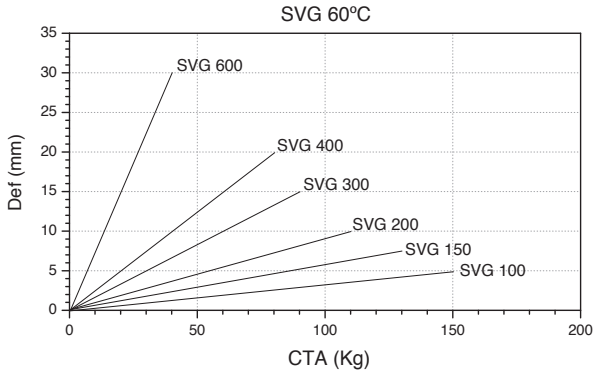
SHG 400..600



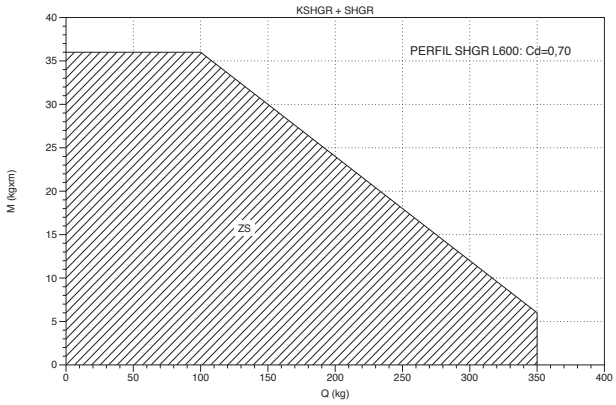
SVG 40ºC



SVG 60ºC



KSHGR + SHGR



FIBERTRAV (UL568 / NEMA FG1)

EFV (UL568 - NEMA FG1)

Side Rail	Class
3S	8C/12A
4S	12C/16A
6L	20A
6S	20B
6R	20C

TRUNKING

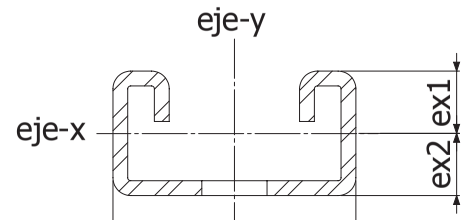
TRUNKING

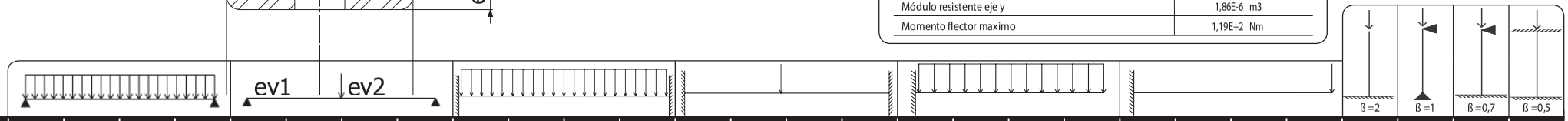
L (m)	2	2,25	2,5	2,75	3
SWL (Kg)	30	27	24	21	17
f (mm)	$f < \frac{L}{350}$				

BEBasor
CABLE TRAY SPECIALIST

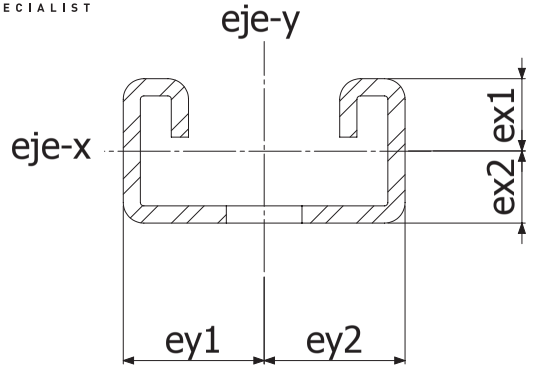
PERFIL P41 41x21x1,5

Tension admisible	1,50E+8 N/m^2
Momento de inercia, Ix	8,66E-9 m4
Momento de inercia, Iy	3,82E-8 m4
Area seccion bruta	1,60E-4 m2
Area seccion neta	1,44E-4 m2
Radio giro eje x	7,76E-3 m
Radio giro eje y	1,63E-2 m
ex1	1,09E-2 m
ex2	1,01E-2 m
ey1	2,05E-2 m
ey2	2,05E-2 m
Módulo resistente eje x	7,92E-7 m3
Módulo resistente eje y	1,86E-6 m3
Momento flector maximo	1,19E+2 Nm





Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	951	1	951	951	475	1	475	475	1426	1	1426	1426	950	1	950	950	238	1	238	238	119	1	119	119	718	723	723	723
0,2	475	1	475	475	237	1	237	237	713	1	713	713	475	1	475	475	119	1	119	101	59	1	59	38	695	718	723	723
0,3	317	1	317	317	158	1	158	158	475	1	475	475	316	1	316	316	79	2	79	45	40	2	30	17	637	708	718	723
0,4	238	2	238	238	118	1	118	118	356	1	356	356	237	1	237	237	59	3	45	25	30	4	17	9	545	695	711	718
0,5	190	2	190	155	95	2	95	95	285	1	285	285	190	1	190	190	48	5	29	16	24	6	11	6	453	671	701	713
0,6	158	3	158	108	79	2	79	67	238	1	238	238	158	1	158	158	40	6	20	11	20	8	8	-	369	637	690	708
0,7	136	4	136	79	67	3	67	49	204	2	204	204	135	2	135	135	34	9	15	8	17	11	6	-	302	593	673	701
0,8	119	5	109	61	59	4	59	38	178	2	178	178	118	2	118	118	30	11	11	6	15	14	-	-	-	545	651	695
0,9	106	6	86	48	52	5	52	30	158	2	158	158	105	3	105	105	26	14	9	-	13	18	-	-	-	500	624	684
1	95	7	70	39	47	6	44	24	143	3	143	143	95	3	95	95	24	17	7	-	12	22	-	-	-	453	593	671
1,1	86	9	58	32	43	7	36	20	130	3	130	130	86	4	86	80	22	20	6	-	11	27	-	-	-	409	559	657
1,2	79	10	48	27	39	8	30	17	119	3	119	119	79	4	79	67	20	24	5	-	10	32	-	-	-	369	525	637
1,3	73	12	41	23	36	10	26	14	110	4	110	110	73	5	73	57	18	28	-	-	9	37	-	-	-	333	492	617
1,4	68	14	36	20	33	11	22	12	102	5	102	99	67	6	67	49	17	33	-	-	8	43	-	-	-	302	459	593
1,5	63	16	31	17	31	12	19	11	95	5	95	86	63	7	63	43	16	37	-	-	8	50	-	-	-	274	428	571
1,6	59	18	27	15	29	14	17	9	89	6	89	76	59	7	59	38	15	42	-	-	7	56	-	-	-	-	399	545
1,7	56	20	24	13	27	16	15	8	84	6	84	67	55	8	55	34	14	48	-	-	7	63	-	-	-	-	372	521
1,8	53	23	22	12	26	18	13	7	79	7	79	60	52	9	52	30	13	53	-	-	7	71	-	-	-	-	347	500
1,9	50	25	19	11	25	20	12	7	75	8	75	54	50	10	48	27	13	59	-	-	6	79	-	-	-	-	323	473
2	48	28	17	10	23	22	11	6	71	9	71	48	47	11	44	24	12	66	-	-	6	88	-	-	-	-	302	453
2,1	45	31	16	9	22	24	10	5	68	10	68	44	45	12	40	22	11	73	-	-	6	97	-	-	-	-	283	428
2,2	43	33	14	8	21	26	9	5	65	10	65	40	43	14	36	20	11	80	-	-	5	106	-	-	-	-	265	409
2,3	41	37	13	7	20	28	8	-	62	11	62	37	41	15	33	18	10	87	-	-	5	116	-	-	-	-	-	387
2,4	40	40	12	7	19	31	8	-	59	12	59	34	39	16	30	17	10	95	-	-	5	126	-	-	-	-	-	369
2,5	38	43	11	6	19	35	7	-	57	13	56	31	38	18	28	16	10	103	-	-	5	137	-	-	-	-	-	350
2,6	37	47	10	6	18	37	6	-	55	14	52	29	36	19	26	14	9	111	-	-	5	148	-	-	-	-	-	333
2,7	35	50	10	5	17	39	6	-	53	15	48	27	35	20	24	13	9	120	-	-	4	159	-	-	-	-	-	319
2,8	34	54	9	-	16	41	6	-	51	17	45	25	33	21	22	12	8	129	-	-	4	171	-	-	-	-	-	302
2,9	33	58	8	-	16	45	5	-	49	18	42	23	32	23	21	12	8	138	-	-	4	184	-	-	-	-	-	289
3	32	62	8	-	15	47	-	-	48	19	39	22	31	24	19	11	8	148	-	-	4	197	-	-	-	-	-	274



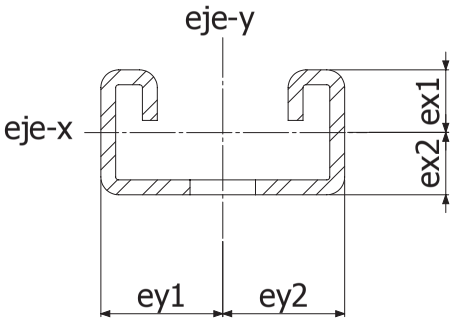
PERFIL 41x21x2

Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	1,05E-8 m4
Momento de inercia, Iy	4,82E-8 m4
Area seccion bruta	2,06E-4 m2
Area seccion neta	1,84E-4 m2
Radio giro eje x	7,55E-3 m
Radio giro eje y	1,62E-2 m
ex1	9,97E-3 m
ex2	1,10E-2 m
ey1	2,05E-2 m
ey2	2,05E-2 m
Módulo resistente eje x	9,52E-7 m3
Módulo resistente eje y	2,35E-6 m3
Momento flector máximo	1,43E+2 Nm



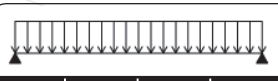
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	1142	1	1142	1142	570	1	570	570	1713	1	1713	1713	1141	1	1141	1141	285	1	285	285	143	1	143	143	876	881	881	881
0,2	571	1	571	571	285	1	285	285	856	1	856	856	570	1	570	570	143	1	143	122	71	1	71	46	846	876	881	881
0,3	381	1	381	381	190	1	190	190	571	1	571	571	380	1	380	380	95	2	95	54	48	2	37	20	773	865	876	881
0,4	285	2	285	285	142	1	142	142	428	1	428	428	285	1	285	285	71	3	55	31	36	4	21	11	663	846	865	876
0,5	228	2	228	188	114	2	114	114	343	1	343	343	228	1	228	228	57	5	35	20	29	6	13	7	545	816	857	870
0,6	190	3	190	131	95	2	95	82	285	1	285	285	190	1	190	190	48	6	24	14	24	8	9	5	448	773	841	865
0,7	163	4	163	96	81	3	81	60	245	1	245	245	163	2	163	163	41	8	18	10	20	11	7	-	366	721	821	857
0,8	143	5	132	73	71	4	71	46	214	2	214	214	142	2	142	142	36	11	14	8	18	14	5	-	-	663	791	846
0,9	127	6	104	58	63	5	63	36	190	2	190	190	126	3	126	126	32	14	11	6	16	18	-	-	-	600	758	834
1	114	7	85	47	57	6	53	29	171	3	171	171	114	3	114	114	29	17	9	-	14	22	-	-	-	545	721	816
1,1	104	9	70	39	51	7	44	24	156	3	156	156	103	4	103	97	26	20	7	-	13	27	-	-	-	494	676	798
1,2	95	10	59	33	47	8	37	20	143	3	143	143	95	4	95	82	24	24	6	-	12	32	-	-	-	448	636	773
1,3	88	12	50	28	43	9	31	17	132	4	132	132	87	5	87	70	22	28	5	-	11	37	-	-	-	403	596	746
1,4	82	14	43	24	40	11	27	15	122	4	122	120	81	6	81	60	20	32	-	-	10	43	-	-	-	366	558	721
1,5	76	16	38	21	38	13	24	13	114	5	114	104	76	7	76	52	19	37	-	-	10	49	-	-	-	333	517	690
1,6	71	18	33	18	35	14	21	11	107	6	107	92	71	7	71	46	18	42	-	-	9	56	-	-	-	-	483	663
1,7	67	20	29	16	33	16	18	10	101	6	101	81	67	8	67	41	17	47	-	-	8	63	-	-	-	-	450	632
1,8	63	22	26	15	31	18	16	9	95	7	95	73	63	9	63	36	16	53	-	-	8	70	-	-	-	-	421	600
1,9	60	25	23	13	30	20	15	8	90	8	90	65	60	10	59	33	15	59	-	-	8	78	-	-	-	-	391	574
2	57	27	21	12	28	22	13	7	86	9	86	59	57	11	53	29	14	65	-	-	7	87	-	-	-	-	366	545
2,1	54	30	19	11	27	24	12	7	82	9	82	53	54	12	48	27	14	72	-	-	7	96	-	-	-	-	343	517
2,2	52	33	17	10	25	26	11	6	78	10	78	49	51	13	44	24	13	79	-	-	6	105	-	-	-	-	-	494
2,3	50	36	16	9	24	28	10	6	74	11	74	44	49	15	40	22	12	86	-	-	6	115	-	-	-	-	-	468
2,4	48	39	15	8	23	31	9	5	71	12	71	41	47	16	37	20	12	94	-	-	6	125	-	-	-	-	-	448
2,5	46	43	14	8	22	33	8	-	69	13	68	38	45	17	34	19	11	102	-	-	6	135	-	-	-	-	-	424
2,6	44	46	13	7	21	35	8	-	66	14	63	35	43	18	31	17	11	110	-	-	5	146	-	-	-	-	-	403
2,7	42	50	12	6	21	40	7	-	63	15	58	32	42	20	29	16	11	119	-	-	5	158	-	-	-	-	-	385
2,8	41	53	11	6	20	42	7	-	61	16	54	30	40	21	27	15	10	127	-	-	5	170	-	-	-	-	-	366
2,9	39	57	10	6	19	44	6	-	59	18	50	28	39	23	25	14	10	137	-	-	5	182	-	-	-	-	-	348
3	38	61	9	5	19	49	6	-	57	19	47	26	38	25	24	13	10	146	-	-	5	195	-	-	-	-	-	333

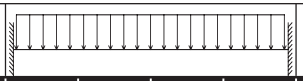
BEBasor
CABLE TRAY SPECIALIST

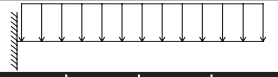


PERFIL P41 41x21x2 D13x28

Tension admisible	1,50E+08 N/m^2
Momento de inercia, Ix	1,02E-08 m4
Momento de inercia, Iy	4,81E-08 m4
Area seccion bruta	2,06E-04 m2
Area seccion neta	1,80E-04 m2
Radio giro eje x	7,51E-03 m
Radio giro eje y	1,63E-02 m
ex1	1,02E-02 m
ex2	1,08E-02 m
ey1	2,05E-02 m
ey2	2,05E-02 m
Módulo resistente eje x	9,39E-7 m3
Módulo resistente eje y	2,34E-6 m3
Momento flector máximo	1,41E+2 Nm



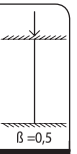




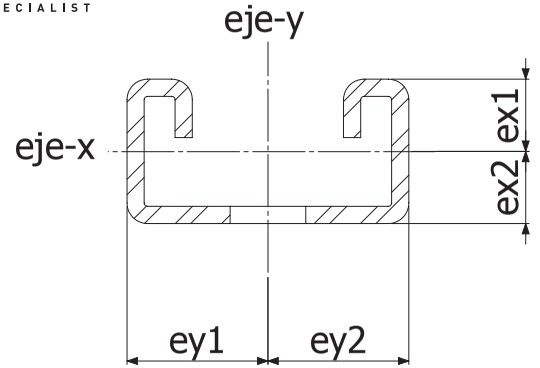








Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	1126	1	1126	1126	563	1	563	563	1690	1	1690	1690	1126	1	1126	1126	282	1	282	282	141	1	141	141	872	878	878	878
0,2	563	1	563	563	281	1	281	281	845	1	845	845	563	1	563	563	141	1	141	119	70	1	70	44	840	872	878	878
0,3	375	1	375	375	187	1	187	187	563	1	563	563	375	1	375	375	94	2	94	53	47	2	36	20	768	861	872	878
0,4	282	2	282	282	140	1	140	140	422	1	422	422	281	1	281	281	70	3	53	30	35	4	20	11	653	840	861	872
0,5	225	2	225	182	112	2	112	112	338	1	338	338	225	1	225	225	56	5	34	19	28	6	13	7	535	812	853	867
0,6	188	3	188	127	93	2	93	79	282	1	282	282	187	1	187	187	47	6	24	13	23	8	9	-	438	768	837	861
0,7	161	4	161	93	80	3	80	58	241	2	241	241	160	2	160	160	40	9	17	10	20	11	7	-	358	712	815	853
0,8	141	5	128	71	70	4	70	44	211	2	211	211	140	2	140	140	35	11	13	7	18	15	5	-	-	653	786	840
0,9	125	6	101	56	62	5	62	35	188	2	188	188	125	3	125	125	31	14	11	6	16	18	-	-	-	594	753	830
1	113	7	82	46	56	6	51	28	169	3	169	169	112	3	112	112	28	17	9	-	14	22	-	-	-	535	712	812
1,1	102	9	68	38	51	7	42	24	154	3	154	154	102	4	102	94	26	20	7	-	13	27	-	-	-	485	671	791
1,2	94	10	57	32	46	8	36	20	141	3	141	141	93	4	93	79	23	24	6	-	12	32	-	-	-	438	630	768
1,3	87	12	49	27	43	10	30	17	130	4	130	130	86	5	86	67	22	28	5	-	11	38	-	-	-	394	587	741
1,4	80	14	42	23	40	11	26	15	121	5	121	116	80	6	80	58	20	33	-	-	10	44	-	-	-	358	547	712
1,5	75	16	36	20	37	13	23	13	113	5	113	101	75	7	75	51	19	38	-	-	9	50	-	-	-	326	511	685
1,6	70	18	32	18	35	14	20	11	106	6	106	89	70	7	70	44	18	43	-	-	9	57	-	-	-	-	474	653
1,7	66	20	28	16	33	16	18	10	99	6	99	79	66	8	66	39	17	48	-	-	8	64	-	-	-	-	442	622
1,8	63	23	25	14	31	18	16	9	94	7	94	70	62	9	62	35	16	54	-	-	8	72	-	-	-	-	412	594
1,9	59	25	23	13	29	20	14	8	89	8	89	63	59	10	57	32	15	60	-	-	7	80	-	-	-	-	382	565
2	56	28	20	11	28	22	13	7	84	9	84	57	56	11	51	28	14	66	-	-	7	88	-	-	-	-	358	535
2,1	54	31	19	10	26	24	12	6	80	10	80	52	53	12	46	26	13	73	-	-	7	97	-	-	-	-	335	511
2,2	51	34	17	9	25	26	11	6	77	10	77	47	51	14	42	24	13	80	-	-	6	107	-	-	-	-	-	485
2,3	49	37	15	9	24	29	10	5	73	11	73	43	48	15	39	22	12	88	-	-	6	117	-	-	-	-	-	459
2,4	47	40	14	8	23	32	9	-	70	12	70	40	46	16	36	20	12	95	-	-	6	127	-	-	-	-	-	438
2,5	45	43	13	7	22	34	8	-	68	13	66	36	45	18	33	18	11	104	-	-	6	138	-	-	-	-	-	415
2,6	43	47	12	7	21	37	8	-	65	14	61	34	43	19	30	17	11	112	-	-	5	149	-	-	-	-	-	394
2,7	42	51	11	6	20	39	7	-	63	16	56	31	41	20	28	16	10	121	-	-	5	161	-	-	-	-	-	377
2,8	40	54	10	6	20	43	7	-	60	17	52	29	40	22	26	15	10	130	-	-	5	173	-	-	-	-	-	358
2,9	39	58	10	5	19	46	6	-	58	18	49	27	38	23	24	14	10	139	-	-	5	185	-	-	-	-	-	340
3	38	62	9	5	18	48	6	-	56	19	46	25	37	25	23	13	9	149	-	-	5	198	-	-	-	-	-	326



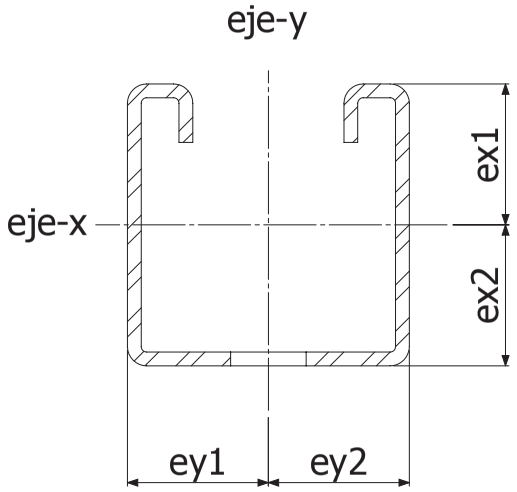
PERFIL 41x21x2,5

Tensión admisible	1,50E+8 N/m²
Momento de inercia, Ix	1,17E-8 m4
Momento de inercia, Iy	5,60E-8 m4
Área sección bruta	2,46E-4 m2
Área sección neta	2,14E-4 m2
Radio giro eje x	7,40E-3 m
Radio giro eje y	1,62E-2 m
ex1	1,09E-2 m
ex2	1,01E-2 m
ey1	2,05E-2 m
ey2	2,05E-2 m
Módulo resistente eje x	1,08E-6 m3
Módulo resistente eje y	2,73E-6 m3
Momento flector máximo	1,61E+2 Nm



Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	1290	1	1290	1290	645	1	645	645	1935	1	1935	1935	1290	1	1290	1290	323	1	323	323	161	1	161	161	1007	1013	1013	1013
0,2	645	1	645	645	322	1	322	322	968	1	968	968	645	1	645	645	161	1	161	137	81	1	81	51	970	1007	1013	1013
0,3	430	1	430	430	215	1	215	215	645	1	645	645	430	1	430	430	108	2	108	61	54	2	41	23	882	991	1003	1010
0,4	323	2	323	323	161	1	161	161	484	1	484	484	322	1	322	322	81	3	61	34	40	4	23	13	748	970	994	1007
0,5	258	2	258	210	129	2	129	129	387	1	387	387	258	1	258	258	65	5	39	22	32	6	15	8	615	936	982	1000
0,6	215	3	215	146	107	2	107	91	323	1	323	323	215	1	215	215	54	6	27	15	27	8	10	6	501	882	964	991
0,7	184	4	184	107	92	3	92	67	276	2	276	276	184	2	184	184	46	9	20	11	23	11	8	-	411	821	939	982
0,8	161	5	148	82	80	4	80	51	242	2	242	242	161	2	161	161	40	11	15	9	20	14	6	-	-	748	907	970
0,9	143	6	117	65	71	5	71	40	215	2	215	215	143	3	143	143	36	14	12	7	18	18	-	-	-	683	863	956
1	129	7	94	52	64	6	59	33	194	3	194	194	129	3	129	129	32	17	10	5	16	22	-	-	-	615	821	936
1,1	117	9	78	43	58	7	49	27	176	3	176	176	117	4	117	108	29	20	8	-	15	27	-	-	-	557	770	909
1,2	108	10	66	36	53	8	41	23	161	3	161	161	107	4	107	91	27	24	7	-	13	32	-	-	-	501	723	882
1,3	99	12	56	31	49	10	35	19	149	4	149	149	99	5	99	78	25	28	6	-	12	37	-	-	-	455	677	854
1,4	92	14	48	27	46	11	30	17	138	5	138	134	92	6	92	67	23	33	5	-	12	43	-	-	-	411	628	821
1,5	86	16	42	23	43	13	26	15	129	5	129	117	86	7	86	58	22	37	-	-	11	50	-	-	-	-	588	785
1,6	81	18	37	20	40	14	23	13	121	6	121	102	80	7	80	51	20	42	-	-	10	56	-	-	-	-	545	748
1,7	76	20	33	18	37	16	20	11	114	6	114	91	75	8	75	45	19	48	-	-	9	64	-	-	-	-	508	718
1,8	72	23	29	16	35	18	18	10	108	7	108	81	71	9	71	40	18	54	-	-	9	71	-	-	-	-	472	683
1,9	68	25	26	15	33	20	16	9	102	8	102	73	67	10	65	36	17	60	-	-	8	79	-	-	-	-	442	648
2	65	28	24	13	32	22	15	8	97	9	97	66	64	11	59	33	16	66	-	-	8	88	-	-	-	-	411	615
2,1	61	31	21	12	30	24	13	7	92	10	92	59	61	12	54	30	15	73	-	-	8	97	-	-	-	-	385	588
2,2	59	34	20	11	29	27	12	7	88	10	88	54	58	14	49	27	15	80	-	-	7	106	-	-	-	-	-	557
2,3	56	37	18	10	28	29	11	6	84	11	84	50	56	15	45	25	14	87	-	-	7	116	-	-	-	-	-	529
2,4	54	40	16	9	26	31	10	6	81	12	81	46	53	16	41	23	13	95	-	-	7	126	-	-	-	-	-	501
2,5	52	43	15	8	25	34	9	5	77	13	76	42	51	17	38	21	13	103	-	-	6	137	-	-	-	-	-	479
2,6	50	47	14	8	24	36	9	-	74	14	70	39	49	19	35	19	12	111	-	-	6	148	-	-	-	-	-	455
2,7	48	50	13	7	23	39	8	-	72	15	65	36	47	20	32	18	12	120	-	-	6	160	-	-	-	-	-	432
2,8	46	54	12	7	23	43	8	-	69	17	60	33	46	22	30	17	12	129	-	-	6	172	-	-	-	-	-	411
2,9	44	58	11	6	22	46	7	-	67	18	56	31	44	23	28	16	11	138	-	-	6	184	-	-	-	-	-	393
3	43	62	10	6	21	49	7	-	65	19	52	29	43	25	26	15	11	148	-	-	5	197	-	-	-	-	-	-

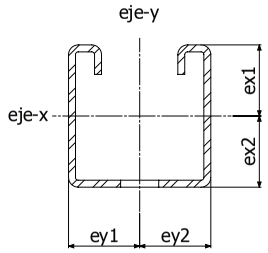
BEBasor
CABLE TRAY SPECIALIST



PERFIL 41x41x1,5	
Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	4,29E-08 m4
Momento de inercia, Iy	5,99E-08 m4
Área sección bruta	2,15E-04 m2
Área sección neta	1,95E-04 m2
Radio giro eje x	1,48E-02 m
Radio giro eje y	1,75E-02 m
ex1	2,05E-02 m
ex2	2,05E-02 m
ey1	2,05E-02 m
ey2	2,05E-02 m
Módulo resistente eje x	2,09E-06 m3
Módulo resistente eje y	2,92E-06 m3
Momento flector máximo	3,14E+02 Nm

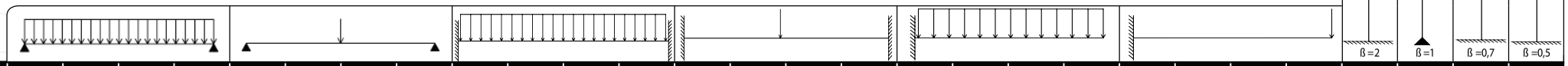


Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	2508	1	2508	2508	1254	1	1254	1254	3762	1	3762	3762	2508	1	2508	2508	627	1	627	627	314	1	314	314	1004	1004	1004	1004
0,2	1254	1	1254	1254	627	1	627	627	1881	1	1881	1881	1254	1	1254	1254	314	1	314	314	157	1	157	157	997	1004	1004	1004
0,3	836	1	836	836	418	1	418	418	1254	1	1254	1254	836	1	836	836	209	1	209	209	105	2	105	83	980	1000	1004	1004
0,4	627	1	627	627	313	1	313	313	941	1	941	941	627	1	627	627	157	2	157	125	78	2	78	47	958	997	1004	1004
0,5	502	1	502	502	250	1	250	250	752	1	752	752	501	1	501	501	125	3	125	80	63	3	54	30	921	990	997	1004
0,6	418	2	418	418	209	2	209	209	627	1	627	627	418	1	418	418	105	4	100	56	52	5	38	21	870	980	993	1000
0,7	358	2	358	358	179	2	179	179	537	1	537	537	358	1	358	358	90	5	74	41	45	6	28	15	801	970	990	997
0,8	314	3	314	300	156	2	156	156	470	1	470	470	313	1	313	313	78	6	56	31	39	8	21	12	731	958	983	997
0,9	279	3	279	237	139	3	139	139	418	1	418	418	278	2	278	278	70	8	45	25	35	10	17	9	658	942	977	993
1	251	4	251	192	125	3	125	120	376	2	376	376	250	2	250	250	63	9	36	20	31	12	14	8	594	921	970	990
1,1	228	5	228	159	114	4	114	99	342	2	342	342	228	2	228	228	57	11	30	17	29	15	11	6	532	893	964	983
1,2	209	6	209	134	104	5	104	83	314	2	314	314	209	3	209	209	52	13	25	14	26	17	9	5	480	870	951	980
1,3	193	7	193	114	96	5	96	71	289	2	289	289	192	3	192	192	48	15	21	12	24	20	8	-	431	835	939	977
1,4	179	8	177	98	89	6	89	61	269	3	269	269	179	3	179	179	45	18	18	10	22	23	7	-	390	801	924	970
1,5	167	9	154	85	83	7	83	53	251	3	251	251	167	4	167	167	42	20	16	9	21	27	6	-	-	763	910	964
1,6	157	10	135	75	78	8	78	47	235	3	235	235	156	4	156	156	39	23	14	8	20	30	5	-	-	731	891	958
1,7	148	11	120	67	73	9	73	42	221	4	221	221	147	5	147	147	37	26	12	7	18	34	-	-	-	694	870	948
1,8	139	12	107	59	69	10	67	37	209	4	209	209	139	5	139	139	35	29	11	6	17	38	-	-	-	658	849	942
1,9	132	14	96	53	66	11	60	33	198	4	198	198	132	6	132	132	33	32	10	6	17	42	-	-	-	623	825	930
2	125	15	87	48	62	12	54	30	188	5	188	188	125	6	125	120	31	35	9	5	16	47	-	-	-	594	801	921
2,1	119	16	78	44	59	13	49	27	179	5	179	179	119	7	119	109	30	39	8	-	15	52	-	-	-	562	773	910
2,2	114	18	72	40	57	15	45	25	171	6	171	171	114	8	114	99	29	43	7	-	14	57	-	-	-	532	753	893
2,3	109	20	65	36	54	16	41	23	164	6	164	164	109	8	109	91	27	46	7	-	14	62	-	-	-	503	725	883
2,4	105	21	60	33	52	17	38	21	157	7	157	157	104	9	104	83	26	51	6	-	13	67	-	-	-	480	699	870
2,5	100	23	55	31	50	19	35	19	150	7	150	150	100	10	100	77	25	55	6	-	13	73	-	-	-	454	674	849
2,6	96	25	51	28	48	20	32	18	145	8	145	142	96	10	96	71	24	59	5	-	12	79	-	-	-	431	653	835
2,7	93	27	47	26	46	21	30	16	139	8	139	132	92	11	92	66	23	64	-	-	12	85	-	-	-	408	627	816
2,8	90	29	44	25	44	23	28	15	134	9	134	123	89	12	89	61	22	69	-	-	11	91	-	-	-	390	603	801
2,9	86	31	41	23	43	25	26	14	130	10	130	114	86	13	86	57	22	74	-	-	11	98	-	-	-	370	585	783
3	84	33	38	21	41	26	24	13	125	10	125	107	83	13	83	53	21	79	-	-	10	105	-	-	-	-	562	763



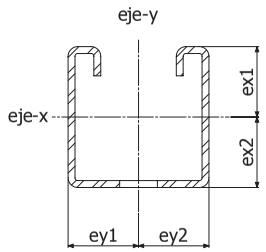
PERFIL P41 41x41x2,5 D11x25

Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	6,72E-08 m4
Momento de inercia, Iy	9,41E-08 m4
Área sección bruta	3,49E-04 m2
Área sección neta	3,21E-04 m2
Radio giro eje x	1,45E-02 m
Radio giro eje y	1,71E-02 m
ex1	2,00E-02 m
ex2	2,10E-02 m
ey1	2,05E-02 m
ey2	2,05E-02 m
Módulo resistente eje x	3,20E-06 m3
Módulo resistente eje y	4,59E-06 m3
Momento flector máximo	4,81E+02 Nm



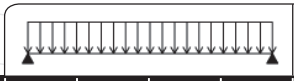
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	3844	1	3844	3844	1922	1	1922	1922	5766	1	5766	5766	3844	1	3844	3844	961	1	961	961	481	1	481	481	1552	1552	1552	1552
0,2	1922	1	1922	1922	961	1	961	961	2883	1	2883	2883	1922	1	1922	1922	481	1	481	481	240	1	240	240	1542	1552	1552	1552
0,3	1281	1	1281	1281	640	1	640	640	1922	1	1922	1922	1281	1	1281	1281	320	1	320	320	160	2	160	131	1518	1547	1552	1552
0,4	961	1	961	961	480	1	480	480	1442	1	1442	1442	961	1	961	961	240	2	240	196	120	2	120	74	1481	1542	1552	1552
0,5	769	1	769	769	384	1	384	384	1153	1	1153	1153	768	1	768	768	192	3	192	125	96	3	85	47	1420	1528	1542	1552
0,6	641	2	641	641	320	2	320	320	961	1	961	961	640	1	640	640	160	4	157	87	80	5	59	33	1341	1518	1538	1547
0,7	549	2	549	549	274	2	274	274	824	1	824	824	549	1	549	549	137	5	115	64	69	6	43	24	1237	1504	1533	1542
0,8	481	3	481	470	240	2	240	240	721	1	721	721	480	1	480	480	120	6	88	49	60	8	33	18	1125	1481	1523	1542
0,9	427	3	427	372	213	3	213	213	641	1	641	641	427	2	427	427	107	7	70	39	53	10	26	15	1016	1454	1513	1533
1	384	4	384	301	192	3	192	188	577	2	577	577	384	2	384	384	96	9	56	31	48	12	21	12	914	1420	1504	1528
1,1	349	5	349	249	174	4	174	156	524	2	524	524	349	2	349	349	87	11	47	26	44	14	17	10	820	1379	1485	1523
1,2	320	6	320	209	160	5	160	131	481	2	481	481	320	3	320	320	80	13	39	22	40	17	15	8	743	1341	1472	1518
1,3	296	6	296	178	147	5	147	111	444	2	444	444	295	3	295	295	74	15	33	19	37	20	13	7	670	1290	1454	1513
1,4	275	7	275	154	137	6	137	96	412	3	412	412	274	3	274	274	69	17	29	16	34	23	11	6	604	1237	1432	1504
1,5	256	8	241	134	128	7	128	84	384	3	384	384	256	4	256	256	64	20	25	14	32	26	9	5	-	1183	1403	1495
1,6	240	10	212	118	120	8	120	74	360	3	360	360	240	4	240	240	60	22	22	12	30	30	8	-	-	1125	1375	1481
1,7	226	11	188	104	113	9	113	65	339	4	339	339	226	5	226	226	57	25	20	11	28	33	7	-	-	1070	1341	1472
1,8	214	12	167	93	106	10	105	58	320	4	320	320	213	5	213	213	53	28	17	10	27	37	7	-	-	1016	1304	1454
1,9	202	13	150	83	101	11	94	52	303	4	303	303	202	6	202	202	51	31	16	9	25	41	6	-	-	963	1277	1441
2	192	15	135	75	96	12	85	47	288	5	288	288	192	6	192	188	48	35	14	8	24	46	5	-	-	914	1237	1420
2,1	183	16	123	68	91	13	77	43	275	5	275	275	183	7	183	171	46	38	13	7	23	51	-	-	-	866	1197	1403
2,2	175	18	112	62	87	14	70	39	262	6	262	262	174	7	174	156	44	42	12	6	22	55	-	-	-	820	1157	1379
2,3	167	19	102	57	83	15	64	36	251	6	251	251	167	8	167	142	42	46	11	6	21	61	-	-	-	778	1117	1360
2,4	160	21	94	52	80	17	59	33	240	7	240	240	160	9	160	131	40	50	10	5	20	66	-	-	-	743	1077	1341
2,5	154	23	87	48	76	18	54	30	231	7	231	231	153	9	153	120	38	54	9	5	19	71	-	-	-	705	1047	1312
2,6	148	24	80	45	73	19	50	28	222	8	222	222	147	10	147	111	37	58	8	-	18	77	-	-	-	670	1007	1290
2,7	142	26	74	41	71	21	46	26	214	8	214	207	142	11	142	103	36	63	8	-	18	83	-	-	-	635	971	1260
2,8	137	28	69	38	68	23	43	24	206	9	206	192	137	12	137	96	34	67	7	-	17	89	-	-	-	604	935	1237
2,9	133	30	64	36	66	24	40	22	199	9	199	179	132	12	132	90	33	72	7	-	17	96	-	-	-	-	900	1206
3	128	32	60	33	64	26	38	21	192	10	192	167	128	13	128	84	32	77	6	-	16	103	-	-	-	-	866	1183

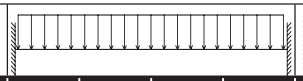
BEBasor
CABLE TRAY SPECIALIST

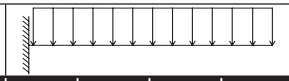


PERFIL P41 41x41x2,5 D13x28

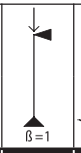
Tensión admisible	1,50E+08 N/m^2
Momento de inercia, Ix	6,54E-08 m4
Momento de inercia, Iy	9,39E+04 m4
Área sección bruta	3,49E-04 m2
Área sección neta	3,16E-04 m2
Radio giro eje x	1,44E-02 m
Radio giro eje y	1,72E+04 m
ex1	2,03E-02 m
ex2	2,07E-02 m
ey1	2,05E-02 m
ey2	2,05E-02 m
Módulo resistente eje x	3,16E-06 m3
Módulo resistente eje y	4,58E-06 m3
Momento flector máximo	4,74E+02 Nm



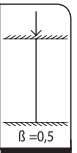




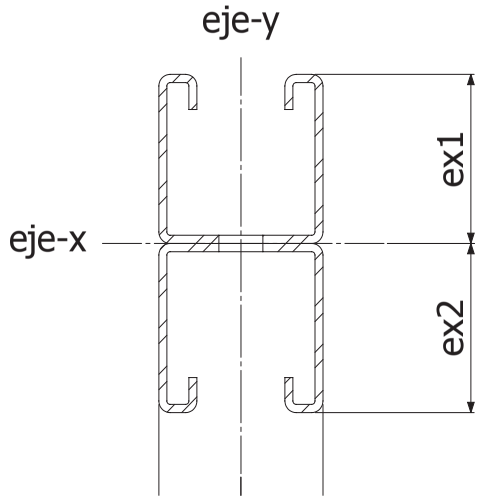








Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	3796	1	3796	3796	1897	1	1897	1897	5694	1	5694	5694	3795	1	3795	3795	949	1	949	949	474	1	474	474	1546	1546	1546	1546
0,2	1898	1	1898	1898	948	1	948	948	2847	1	2847	2847	1897	1	1897	1897	474	1	474	474	237	1	237	237	1536	1546	1546	1546
0,3	1265	1	1265	1265	632	1	632	632	1898	1	1898	1898	1265	1	1265	1265	316	1	316	316	158	2	158	127	1512	1541	1546	1546
0,4	949	1	949	949	474	1	474	474	1423	1	1423	1423	948	1	948	948	237	2	237	191	119	2	119	72	1474	1536	1546	1546
0,5	759	1	759	759	379	1	379	379	1139	1	1139	1139	759	1	759	759	190	3	190	122	95	3	82	46	1413	1522	1536	1546
0,6	633	2	633	633	316	2	316	316	949	1	949	949	632	1	632	632	158	4	153	85	79	5	57	32	1326	1512	1531	1541
0,7	542	2	542	542	271	2	271	271	813	1	813	813	542	1	542	542	136	5	112	62	68	6	42	23	1220	1498	1522	1536
0,8	474	3	474	458	237	2	237	237	712	1	712	712	474	1	474	474	119	6	86	48	59	8	32	18	1109	1474	1517	1536
0,9	422	3	422	362	210	3	210	210	633	1	633	633	421	2	421	421	105	7	68	38	53	10	25	14	999	1447	1507	1526
1	380	4	380	293	189	3	189	183	569	2	569	569	379	2	379	379	95	9	55	31	47	12	21	11	899	1413	1498	1522
1,1	345	5	345	242	172	4	172	151	518	2	518	518	345	2	345	345	86	11	45	25	43	14	17	9	813	1372	1479	1517
1,2	316	6	316	204	158	5	158	127	474	2	474	474	316	3	316	316	79	13	38	21	40	17	14	8	730	1326	1465	1512
1,3	292	7	292	173	145	5	145	108	438	2	438	438	291	3	291	291	73	15	33	18	36	20	12	7	657	1276	1443	1502
1,4	271	8	269	150	135	6	135	93	407	3	407	407	271	3	271	271	68	17	28	16	34	23	11	6	593	1220	1417	1498
1,5	253	9	234	130	126	7	126	81	380	3	380	380	253	4	253	253	63	20	24	14	32	26	9	5	-	1166	1392	1484
1,6	237	10	206	114	118	8	118	72	356	3	356	356	237	4	237	237	59	23	21	12	30	30	8	-	-	1109	1368	1474
1,7	223	11	183	101	111	9	111	63	335	4	335	335	223	5	223	223	56	25	19	11	28	34	7	-	-	1055	1333	1461
1,8	211	12	163	90	105	10	102	57	316	4	316	316	210	5	210	210	53	28	17	9	26	38	6	-	-	999	1297	1447
1,9	200	13	146	81	99	11	91	51	300	4	300	300	199	6	199	199	50	32	15	8	25	42	6	-	-	947	1259	1430
2	190	15	132	73	94	12	82	46	285	5	285	285	189	6	189	183	47	35	14	8	24	47	5	-	-	899	1220	1413
2,1	181	16	120	66	90	13	75	42	271	5	271	271	180	7	180	166	45	39	12	7	23	51	-	-	-	852	1181	1392
2,2	173	18	109	61	86	14	68	38	259	6	259	259	172	7	172	151	43	42	11	6	22	56	-	-	-	813	1141	1372
2,3	165	20	100	55	82	16	62	35	248	6	248	248	165	8	165	138	41	46	10	6	21	61	-	-	-	770	1109	1352
2,4	158	21	92	51	79	17	57	32	237	7	237	237	158	9	158	127	40	50	10	5	20	67	-	-	-	730	1069	1326
2,5	152	23	84	47	75	18	53	29	228	7	228	228	151	9	151	117	38	54	9	-	19	72	-	-	-	693	1032	1304
2,6	146	25	78	43	72	20	49	27	219	8	219	217	145	10	145	108	36	59	8	-	18	78	-	-	-	657	993	1276
2,7	141	27	72	40	70	21	45	25	211	8	211	201	140	11	140	100	35	63	8	-	18	84	-	-	-	624	955	1252
2,8	136	29	67	37	67	23	42	23	203	9	203	187	135	12	135	93	34	68	7	-	17	91	-	-	-	593	920	1220
2,9	131	31	63	35	65	25	39	22	196	10	196	174	130	13	130	87	33	73	7	-	16	97	-	-	-	-	885	1199
3	127	33	59	33	63	26	37	20	190	10	190	163	126	13	126	81	32	78	6	-	16	104	-	-	-	-	852	1166

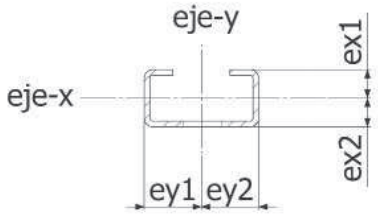


PERFIL 82x41x2,5	
Tensión admisible	1,50E+8 N/m²
Momento de inercia, Ix	3,89E-7 m4
Momento de inercia, Iy	1,87E-7 m4
Área sección bruta	6,92E-4 m2
Área sección neta	6,37E-4 m2
Radio giro eje x	2,47E-2 m
Radio giro eje y	1,71E-2 m
ex1	4,10E-2 m
ex2	4,10E-2 m
ey1	2,05E-2 m
ey2	2,05E-2 m
Módulo resistente eje x	9,49E-6 m3
Módulo resistente eje y	9,11E-6 m3
Momento flector máximo*	1,42E+3 Nm

Datos de carga para el eje habitual de trabajo del perfil (eje x)

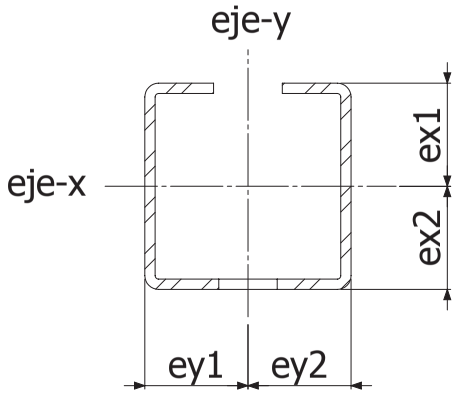
																										ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	11384	1	11384	11384	5691	1	5691	5691	17075	1	17075	17075	11383	1	11383	11383	2846	1	2846	2846	1423	1	1423	1423	2546	2546	2546	2546
0,2	5692	1	5692	5692	2845	1	2845	2845	8538	1	8538	8538	5691	1	5691	5691	1423	1	1423	1423	711	1	711	711	2533	2546	2546	2546
0,3	3795	1	3795	3795	1897	1	1897	1897	5692	1	5692	5692	3794	1	3794	3794	949	1	949	949	474	1	474	474	2513	2546	2546	2546
0,4	2846	1	2846	2846	1422	1	1422	1422	4269	1	4269	4269	2845	1	2845	2845	711	1	711	711	356	1	356	356	2487	2533	2546	2546
0,5	2277	1	2277	2277	1138	1	1138	1138	3415	1	3415	3415	2276	1	2276	2276	569	2	569	569	285	2	285	272	2436	2526	2540	2546
0,6	1897	1	1897	1897	948	1	948	948	2846	1	2846	2846	1897	1	1897	1897	474	2	474	474	237	3	237	189	2358	2513	2533	2546
0,7	1626	1	1626	1626	813	1	813	813	2439	1	2439	2439	1626	1	1626	1626	407	3	407	370	203	3	203	139	2263	2500	2526	2540
0,8	1423	2	1423	1423	711	1	711	711	2134	1	2134	2134	1422	1	1422	1422	356	3	356	284	178	4	178	106	2137	2487	2520	2533
0,9	1265	2	1265	1265	632	2	632	632	1897	1	1897	1897	1264	1	1264	1264	316	4	316	224	158	5	151	84	1998	2461	2513	2533
1	1138	2	1138	1138	569	2	569	569	1708	1	1708	1708	1138	1	1138	1138	285	5	285	182	142	6	123	68	1866	2436	2500	2526
1,1	1035	3	1035	1035	517	2	517	517	1552	1	1552	1552	1034	1	1034	1034	259	6	259	150	129	8	101	56	1728	2399	2493	2520
1,2	949	3	949	949	474	3	474	474	1423	1	1423	1423	948	2	948	948	237	7	227	126	119	9	85	47	1592	2358	2474	2513
1,3	876	4	876	876	437	3	437	437	1313	1	1313	1313	875	2	875	875	219	8	193	107	109	10	72	40	1477	2318	2455	2506
1,4	813	4	813	813	406	3	406	406	1220	2	1220	1220	813	2	813	813	203	9	167	93	102	12	63	35	1359	2263	2436	2500
1,5	759	5	759	759	379	4	379	379	1138	2	1138	1138	758	2	758	758	190	10	145	81	95	14	54	30	1252	2201	2418	2493
1,6	711	5	711	681	355	4	355	355	1067	2	1067	1067	711	2	711	711	178	12	128	71	89	15	48	27	1154	2137	2393	2487
1,7	670	6	670	603	334	5	334	334	1004	2	1004	1004	669	3	669	669	167	13	113	63	84	17	42	24	1073	2067	2364	2474
1,8	632	6	632	538	316	5	316	316	949	2	949	949	632	3	632	632	158	15	101	56	79	19	38	21	-	1998	2335	2461
1,9	599	7	599	483	299	6	299	299	899	2	899	899	599	3	599	599	150	16	91	50	75	21	34	19	-	1926	2301	2449
2	569	8	569	436	284	6	284	272	854	3	854	854	569	3	569	569	142	18	82	45	71	24	31	17	-	1866	2263	2436
2,1	542	9	542	395	271	7	271	247	813	3	813	813	542	4	542	542	136	20	74	41	68	26	28	15	-	1796	2221	2418
2,2	517	9	517	360	258	8	258	225	776	3	776	776	517	4	517	517	129	22	68	38	65	29	25	14	-	1728	2181	2399
2,3	495	10	495	329	247	8	247	206	742	3	742	742	494	4	494	494	124	24	62	34	62	31	23	13	-	1659	2127	2381
2,4	474	11	474	303	237	9	237	189	711	4	711	711	474	5	474	474	119	26	57	32	59	34	21	12	-	1592	2081	2358
2,5	455	12	455	279	227	10	227	174	683	4	683	683	455	5	455	455	114	28	52	29	57	37	20	11	-	1529	2032	2335
2,6	438	13	438	258	218	10	218	161	657	4	657	657	437	5	437	437	109	30	48	27	55	40	18	10	-	1477	1986	2318
2,7	422	14	422	239	210	11	210	149	632	4	632	632	421	6	421	421	105	32	45	25	53	43	17	9	-	1416	1938	2290
2,8	407	15	400	222	203	12	203	139	610	5	610	610	406	6	406	406	102	35	42	23	51	46	16	9	-	1359	1892	2263
2,9	393	16	373	207	196	13	196	129	589	5	589	589	392	7	392	392	98	37	39	22	49	49	15	8	-	1304	1844	2231
3	379	17	348	194	189	14	189	121	569	5	569	569	379	7	379	379	95	40	36	20	47	53	14	8	-	1252	1796	2201

BEBasor
CABLE TRAY SPECIALIST



CT20 20x10x1	
Tensión admisible	1,50E+08 N/m^2
Momento de inercia, Ix	5,19E-10 m4
Momento de inercia, Iy	2,51E-09 m4
Área sección bruta	4,43E-05 m2
Área sección neta	3,79E-05 m2
Radio giro eje x	3,70E-03 m
Radio giro eje y	8,14E-03 m
ex1	5,43E-03 m
ex2	4,57E-03 m
ey1	1,00E-02 m
ey2	1,00E-02 m
Módulo resistente eje x	9,56E-08 m3
Módulo resistente eje y	2,51E-07 m3
Momento flector máximo	1,43E+01 Nm

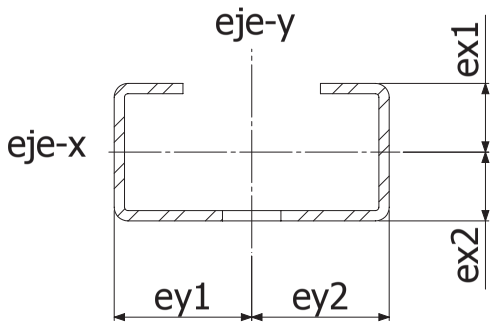
																								ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	115	1	115	115	57	1	57	57	172	1	172	172	114	1	114	114	29	1	29	24	14	1	14	9	173	179	180	180
0,2	57	1	57	57	28	1	28	28	86	1	86	86	57	1	57	57	14	2	11	6	7	2	-	-	133	173	177	179
0,3	38	2	38	26	19	1	19	16	57	1	57	57	38	1	38	38	10	3	-	-	5	4	-	-	89	157	172	176
0,4	29	3	26	15	14	2	14	9	43	1	43	43	28	1	28	28	7	6	-	-	4	8	-	-	-	133	161	173
0,5	23	4	17	9	11	3	10	6	34	2	34	34	22	2	22	22	6	9	-	-	3	11	-	-	-	109	146	167
0,6	19	5	12	6	9	4	7	-	29	2	29	29	19	2	19	16	5	12	-	-	2	16	-	-	-	89	129	157
0,7	16	7	9	-	8	6	5	-	25	3	25	24	16	3	16	12	4	17	-	-	2	22	-	-	-	73	112	146
0,8	14	9	7	-	7	7	-	-	22	3	22	18	14	4	14	9	4	22	-	-	2	29	-	-	-	-	97	133
0,9	13	12	5	-	6	9	-	-	19	4	19	14	12	5	12	7	3	27	-	-	2	36	-	-	-	-	84	121
1	11	14	-	-	5	10	-	-	17	5	17	12	11	6	10	6	3	33	-	-	1	44	-	-	-	-	73	109
1,1	10	17	-	-	5	13	-	-	16	5	16	10	10	7	9	-	3	40	-	-	1	54	-	-	-	-	-	99
1,2	10	20	-	-	4	14	-	-	14	6	14	8	9	8	7	-	2	48	-	-	1	64	-	-	-	-	-	89
1,3	9	24	-	-	4	17	-	-	13	7	12	7	8	9	6	-	2	56	-	-	1	75	-	-	-	-	-	81
1,4	8	27	-	-	4	21	-	-	12	9	11	6	8	11	5	-	2	65	-	-	1	86	-	-	-	-	-	73
1,5	8	31	-	-	3	20	-	-	11	10	9	5	7	12	-	-	2	74	-	-	1	99	-	-	-	-	-	-
1,6	7	36	-	-	3	24	-	-	11	11	8	-	7	14	-	-	2	85	-	-	1	113	-	-	-	-	-	-
1,7	7	40	-	-	3	29	-	-	10	12	7	-	6	15	-	-	2	96	-	-	1	127	-	-	-	-	-	-
1,8	6	45	-	-	3	34	-	-	10	14	6	-	6	17	-	-	2	107	-	-	1	143	-	-	-	-	-	-
1,9	6	50	-	-	3	40	-	-	9	15	6	-	6	20	-	-	2	119	-	-	1	159	-	-	-	-	-	-
2	6	55	-	-	2	31	-	-	9	17	5	-	5	20	-	-	1	132	-	-	1	176	-	-	-	-	-	-
2,1	5	61	-	-	2	36	-	-	8	19	-	-	5	23	-	-	1	146	-	-	1	194	-	-	-	-	-	-
2,2	5	67	-	-	2	41	-	-	8	20	-	-	5	26	-	-	1	160	-	-	1	213	-	-	-	-	-	-
2,3	5	73	-	-	2	47	-	-	7	22	-	-	4	24	-	-	1	174	-	-	1	232	-	-	-	-	-	-
2,4	5	79	-	-	2	53	-	-	7	24	-	-	4	27	-	-	1	190	-	-	1	253	-	-	-	-	-	-
2,5	5	86	-	-	2	60	-	-	7	26	-	-	4	30	-	-	1	206	-	-	1	275	-	-	-	-	-	-
2,6	4	93	-	-	2	68	-	-	7	28	-	-	4	34	-	-	1	223	-	-	1	297	-	-	-	-	-	-
2,7	4	100	-	-	2	76	-	-	6	30	-	-	4	38	-	-	1	240	-	-	1	320	-	-	-	-	-	-
2,8	4	108	-	-	2	84	-	-	6	33	-	-	4	42	-	-	1	258	-	-	1	344	-	-	-	-	-	-
2,9	4	116	-	-	1	47	-	-	6	35	-	-	3	35	-	-	1	277	-	-	0	369	-	-	-	-	-	-
3	4	124	-	-	1	52	-	-	6	37	-	-	3	39	-	-	1	296	-	-	0	395	-	-	-	-	-	-



CT 30x30x1,5	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	1,41E-8 m4
Momento de inercia, Iy	2,17E-8 m4
Area seccion bruta	1,53E-4 m2
Area seccion neta	1,28E-4 m2
Radio giro eje x	1,05E-2 m
Radio giro eje y	1,30E-2 m
ex1	1,34E-2 m
ex2	1,66E-2 m
ey1	1,50E-2 m
ey2	1,50E-2 m
Módulo resistente eje x	8,51E-7 m3
Módulo resistente eje y	1,45E-6 m3
Momento flector maximo	1,28E+2 Nm

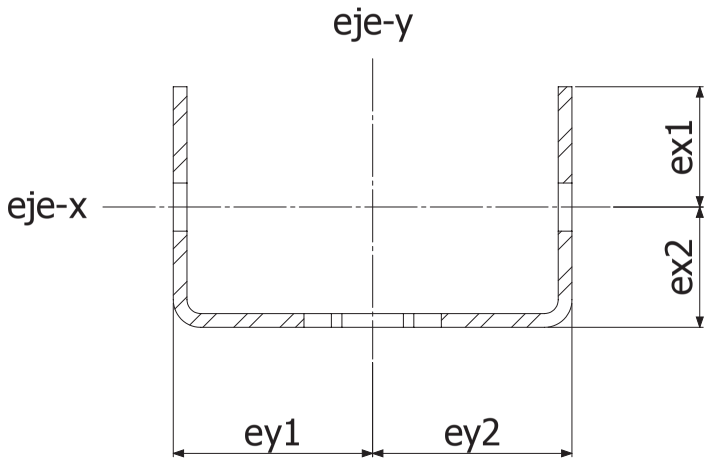
																									ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	1022	1	1022	1022	510	1	510	510	1532	1	1532	1532	1021	1	1021	1021	255	1	255	255	128	1	128	128	549	549	549	549
0,2	511	1	511	511	255	1	255	255	766	1	766	766	510	1	510	510	128	1	128	128	64	1	64	62	540	549	549	549
0,3	341	1	341	341	170	1	170	170	511	1	511	511	340	1	340	340	85	1	85	73	43	2	43	27	524	545	549	549
0,4	255	1	255	255	127	1	127	127	383	1	383	383	255	1	255	255	64	2	64	41	32	3	28	15	494	540	546	549
0,5	204	2	204	204	102	1	102	102	306	1	306	306	204	1	204	204	51	3	47	26	26	4	18	10	450	534	543	546
0,6	170	2	170	170	85	2	85	85	255	1	255	255	170	1	170	170	43	4	33	18	21	6	12	7	401	524	540	545
0,7	146	3	146	129	72	2	72	72	219	1	219	219	145	1	145	145	36	6	24	13	18	8	9	5	351	513	536	543
0,8	128	3	128	99	63	3	63	62	192	1	192	192	127	2	127	127	32	7	19	10	16	10	7	-	307	494	528	540
0,9	114	4	114	78	56	3	56	49	170	2	170	170	113	2	113	113	28	9	15	8	14	12	5	-	268	475	523	537
1	102	5	102	63	51	4	51	40	153	2	153	153	102	2	102	102	26	11	12	7	13	15	-	-	234	450	513	534
1,1	93	6	93	52	46	5	46	33	139	2	139	139	92	3	92	92	23	14	10	5	12	18	-	-	-	427	501	530
1,2	85	7	79	44	42	6	42	27	128	2	128	128	85	3	85	85	21	16	8	-	11	21	-	-	-	401	488	524
1,3	79	8	67	37	39	7	39	23	118	3	118	118	78	4	78	78	20	19	7	-	10	25	-	-	-	377	472	520
1,4	73	9	58	32	36	7	36	20	109	3	109	109	72	4	72	72	18	22	6	-	9	29	-	-	-	351	456	513
1,5	68	11	51	28	34	9	32	18	102	4	102	102	68	5	68	68	17	25	5	-	9	33	-	-	-	330	440	505
1,6	64	12	44	25	31	9	28	15	96	4	96	96	63	5	63	62	16	28	-	-	8	37	-	-	-	307	422	494
1,7	60	13	39	22	30	11	25	14	90	4	90	90	60	6	60	55	15	32	-	-	8	42	-	-	-	288	403	487
1,8	57	15	35	20	28	12	22	12	85	5	85	85	56	6	56	49	14	35	-	-	7	47	-	-	-	268	387	475
1,9	54	17	32	18	26	13	20	11	81	5	81	81	53	7	53	44	13	39	-	-	7	52	-	-	-	251	369	463
2	51	18	28	16	25	15	18	10	77	6	77	77	51	8	51	40	13	44	-	-	6	58	-	-	-	234	351	450
2,1	49	20	26	14	24	16	16	9	73	6	73	72	48	8	48	36	12	48	-	-	6	64	-	-	-	220	337	440
2,2	46	22	24	13	23	18	15	8	70	7	70	65	46	9	46	33	12	53	-	-	6	70	-	-	-	-	320	427
2,3	44	24	22	12	22	19	13	7	67	8	67	60	44	10	44	30	11	57	-	-	6	76	-	-	-	-	305	413
2,4	43	26	20	11	21	21	12	7	64	8	64	55	42	11	42	27	11	62	-	-	5	83	-	-	-	-	292	401
2,5	41	29	18	10	20	22	11	6	61	9	61	51	40	11	40	25	10	68	-	-	5	90	-	-	-	-	277	387
2,6	39	31	17	9	19	24	11	6	59	10	59	47	39	13	39	23	10	73	-	-	5	98	-	-	-	-	264	377
2,7	38	33	16	9	18	25	10	5	57	10	57	43	37	13	37	22	9	79	-	-	5	105	-	-	-	-	253	364
2,8	36	36	15	8	18	28	9	5	55	11	55	40	36	14	36	20	9	85	-	-	5	113	-	-	-	-	241	351
2,9	35	38	14	8	17	30	8	-	53	12	53	38	35	15	34	19	9	91	-	-	4	121	-	-	-	-	230	339
3	34	41	13	7	17	33	8	-	51	13	51	35	34	17	32	18	9	97	-	-	4	130	-	-	-	-	220	330

BEBasor
CABLE TRAY SPECIALIST



CT 40x20x1,5	
Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	7,23E-09 m4
Momento de inercia, Iy	3,21E-08 m4
Área sección bruta	1,36E-04 m2
Área sección neta	1,24E-04 m2
Radio giro eje x	7,64E-03 m
Radio giro eje y	1,61E-02 m
ex1	1,13E-02 m
ex2	8,71E-03 m
ey1	2,00E-02 m
ey2	2,00E-02 m
Módulo resistente eje x	6,40E-07 m3
Módulo resistente eje y	1,60E-06 m3
Momento flector máximo	9,60E+01 Nm

																									ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max en el extremo (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**
0,1	768	1	768	768	384	1	384	384	1152	1	1152	1152	768	1	768	768	192	1	192	192	96	1	96	96	580	583	583	583
0,2	384	1	384	384	192	1	192	192	576	1	576	576	384	1	384	384	96	1	96	84	48	1	48	32	560	580	583	583
0,3	256	1	256	256	128	1	128	128	384	1	384	384	256	1	256	256	64	2	64	37	32	2	25	14	515	572	580	583
0,4	192	2	192	192	96	1	96	96	288	1	288	288	192	1	192	192	48	3	38	21	24	4	14	8	444	560	574	580
0,5	154	2	154	129	76	2	76	76	230	1	230	230	153	1	153	153	38	4	24	13	19	6	9	5	368	542	567	576
0,6	128	3	128	90	64	2	64	56	192	1	192	192	128	1	128	128	32	6	17	9	16	8	6	-	300	515	559	572
0,7	110	4	110	66	54	3	54	41	165	1	165	165	109	2	109	109	27	8	12	7	14	11	-	-	248	482	544	567
0,8	96	5	91	51	48	4	48	32	144	2	144	144	96	2	96	96	24	11	9	5	12	14	-	-	-	444	527	560
0,9	85	6	72	40	42	5	42	25	128	2	128	128	85	3	85	85	21	13	7	-	11	18	-	-	-	405	505	554
1	77	7	58	32	38	6	36	20	115	2	115	115	76	3	76	76	19	16	6	-	10	22	-	-	-	368	482	542
1,1	70	8	48	27	34	7	30	17	105	3	105	105	69	4	69	67	17	20	5	-	9	26	-	-	-	334	456	531
1,2	64	10	40	22	32	8	25	14	96	3	96	96	64	4	64	56	16	23	-	-	8	31	-	-	-	300	428	515
1,3	59	12	34	19	29	9	22	12	89	4	89	89	59	5	59	48	15	27	-	-	7	36	-	-	-	272	399	497
1,4	55	13	30	17	27	11	19	10	82	4	82	82	54	6	54	41	14	32	-	-	7	42	-	-	-	248	374	482
1,5	51	15	26	14	25	12	16	9	77	5	77	72	51	6	51	36	13	36	-	-	6	48	-	-	-	225	349	461
1,6	48	17	23	13	24	14	14	8	72	6	72	63	48	7	48	32	12	41	-	-	6	54	-	-	-	-	327	444
1,7	45	20	20	11	22	15	13	7	68	6	68	56	45	8	45	28	11	46	-	-	6	61	-	-	-	-	305	423
1,8	43	22	18	10	21	17	11	6	64	7	64	50	42	9	42	25	11	52	-	-	5	69	-	-	-	-	285	405
1,9	40	24	16	9	20	19	10	6	61	8	61	45	40	10	40	22	10	58	-	-	5	77	-	-	-	-	265	385
2	38	27	15	8	19	21	9	5	58	8	58	40	38	11	36	20	10	64	-	-	5	85	-	-	-	-	248	368
2,1	37	30	13	7	18	23	8	-	55	9	55	37	36	12	33	18	9	70	-	-	5	94	-	-	-	-	232	349
2,2	35	32	12	7	17	25	8	-	52	10	52	33	34	13	30	17	9	77	-	-	4	103	-	-	-	-	-	334
2,3	33	35	11	6	16	27	7	-	50	11	50	31	33	14	28	15	8	84	-	-	4	112	-	-	-	-	-	317
2,4	32	38	10	6	16	31	6	-	48	12	48	28	32	16	25	14	8	92	-	-	4	122	-	-	-	-	-	300
2,5	31	42	9	5	15	33	6	-	46	13	46	26	30	17	23	13	8	99	-	-	4	132	-	-	-	-	-	287
2,6	30	45	9	-	14	34	5	-	44	14	43	24	29	18	22	12	7	107	-	-	4	143	-	-	-	-	-	272
2,7	28	49	8	-	14	38	-	-	43	15	40	22	28	19	20	11	7	116	-	-	4	154	-	-	-	-	-	261
2,8	27	52	7	-	13	40	-	-	41	16	37	21	27	21	19	10	7	125	-	-	3	166	-	-	-	-	-	248
2,9	26	56	7	-	13	44	-	-	40	17	35	19	26	22	17	10	7	134	-	-	3	178	-	-	-	-	-	237
3	26	60	6	-	12	45	-	-	38	18	32	18	25	24	16	9	6	143	-	-	3	190	-	-	-	-	-	225

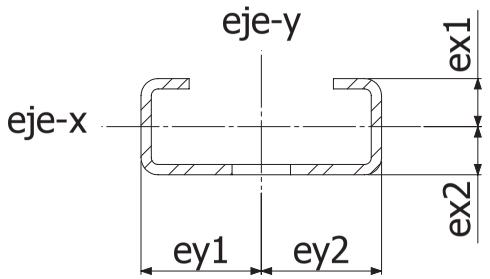


PERFIL COLGANTE

Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	2,53E-08 m4
Momento de inercia, Iy	1,10E-07 m4
Área sección bruta	2,45E-04 m2
Área sección neta	1,76E-04 m2
Radio giro eje x	1,20E-02 m
Radio giro eje y	2,50E-02 m
ex1	2,35E-02 m
ex2	1,15E-02 m
ey1	2,90E-02 m
ey2	2,90E-02 m
Módulo resistente eje x	1,08E-06 m3
Módulo resistente eje y	3,79E-06 m3
Momento flector máximo	1,61E+02 Nm

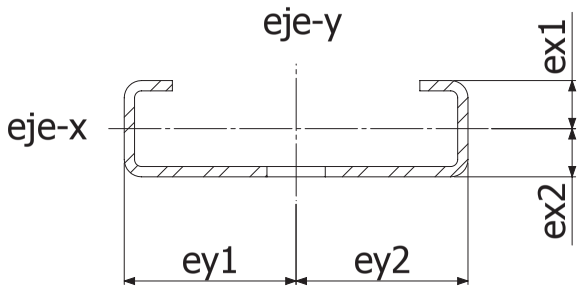
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	ß =2 Carga puntual max (kg) aplicada en la cara exterior	ß =1 Carga puntual max (kg) aplicada en la cara exterior	ß =0,7 Carga puntual max (kg) aplicada en la cara exterior	ß =0,5 Carga puntual max (kg) aplicada en la cara exterior
0,1	1291	1	1291	1291	645	1	645	645	1937	1	1937	1937	1291	1	1291	1291	323	1	323	323	161	1	161	161	544	544	544	544
0,2	646	1	646	646	322	1	322	322	968	1	968	968	645	1	645	645	161	1	161	161	81	1	81	81	540	544	544	544
0,3	430	1	430	430	215	1	215	215	646	1	646	646	430	1	430	430	108	1	108	108	54	1	54	49	532	542	544	544
0,4	323	1	323	323	161	1	161	161	484	1	484	484	322	1	322	322	81	2	81	74	40	2	40	28	518	540	542	544
0,5	258	1	258	258	129	1	129	129	387	1	387	387	258	1	258	258	65	2	65	47	32	3	32	18	492	537	541	543
0,6	215	2	215	215	107	1	107	107	323	1	323	323	215	1	215	215	54	3	54	33	27	4	22	12	461	532	539	542
0,7	184	2	184	184	92	2	92	92	277	1	277	277	184	1	184	184	46	4	43	24	23	5	16	9	424	526	537	541
0,8	161	3	161	161	80	2	80	80	242	1	242	242	161	1	161	161	40	5	33	18	20	7	12	7	387	518	534	540
0,9	143	3	143	140	71	3	71	71	215	1	215	215	143	2	143	143	36	7	26	15	18	9	10	5	353	507	530	538
1	129	4	129	113	64	3	64	64	194	1	194	194	129	2	129	129	32	8	21	12	16	11	8	-	319	492	526	537
1,1	117	4	117	94	58	4	58	58	176	2	176	176	117	2	117	117	29	10	18	10	15	13	7	-	288	478	520	534
1,2	108	5	108	79	53	4	53	49	161	2	161	161	107	2	107	107	27	11	15	8	13	15	6	-	262	461	514	532
1,3	99	6	99	67	49	5	49	42	149	2	149	149	99	3	99	99	25	13	13	7	12	18	-	-	-	442	506	529
1,4	92	7	92	58	46	5	46	36	138	2	138	138	92	3	92	92	23	15	11	6	12	20	-	-	-	424	496	526
1,5	86	8	86	50	43	6	43	31	129	3	129	129	86	3	86	86	22	18	9	5	11	23	-	-	-	407	485	522
1,6	81	9	80	44	40	7	40	28	121	3	121	121	80	4	80	80	20	20	8	-	10	26	-	-	-	387	474	518
1,7	76	10	71	39	37	8	37	25	114	3	114	114	75	4	75	75	19	22	7	-	9	30	-	-	-	369	461	513
1,8	72	11	63	35	35	9	35	22	108	4	108	108	71	5	71	71	18	25	7	-	9	33	-	-	-	353	451	507
1,9	68	12	57	31	33	9	33	20	102	4	102	102	67	5	67	67	17	28	6	-	8	37	-	-	-	334	438	499
2	65	13	51	28	32	11	32	18	97	4	97	97	64	6	64	64	16	31	5	-	8	41	-	-	-	319	424	492
2,1	61	14	46	26	30	11	29	16	92	5	92	92	61	6	61	61	15	34	-	-	8	45	-	-	-	304	411	485
2,2	59	16	42	23	29	13	26	15	88	5	88	88	58	7	58	58	15	37	-	-	7	49	-	-	-	288	398	478
2,3	56	17	39	21	28	14	24	13	84	6	84	84	56	7	56	54	14	41	-	-	7	54	-	-	-	274	385	470
2,4	54	19	35	20	26	15	22	12	81	6	81	81	53	8	53	49	13	44	-	-	7	59	-	-	-	262	374	461
2,5	52	20	33	18	25	16	20	11	77	6	77	77	51	8	51	45	13	48	-	-	6	64	-	-	-	-	361	451
2,6	50	22	30	17	24	17	19	10	74	7	74	74	49	9	49	42	12	52	-	-	6	69	-	-	-	-	348	442
2,7	48	24	28	16	23	18	17	10	72	7	72	72	47	10	47	39	12	56	-	-	6	74	-	-	-	-	336	433
2,8	46	25	26	14	23	20	16	9	69	8	69	69	46	10	46	36	12	60	-	-	6	80	-	-	-	-	324	424
2,9	45	27	24	13	22	22	15	8	67	8	67	67	44	11	44	34	11	64	-	-	6	86	-	-	-	-	313	415
3	43	29	23	13	21	23	14	8	65	9	65	63	43	12	43	31	11	69	-	-	5	92	-	-	-	-	304	407

BEBasor
CABLE TRAY SPECIALIST



RA 35x14x1,5	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	2,83E-9 m4
Momento de inercia, Iy	1,82E-8 m4
Area seccion bruta	9,82E-5 m2
Area seccion neta	1,11E-4 m2
Radio giro eje x	5,05E-3 m
Radio giro eje y	1,28E-2 m
ex1	6,38E-3 m
ex2	7,62E-3 m
ey1	1,75E-2 m
ey2	1,75E-2 m
Módulo resistente eje x	3,72E-7 m3
Módulo resistente eje y	1,04E-6 m3
Momento flector maximo	5,58E+1 Nm

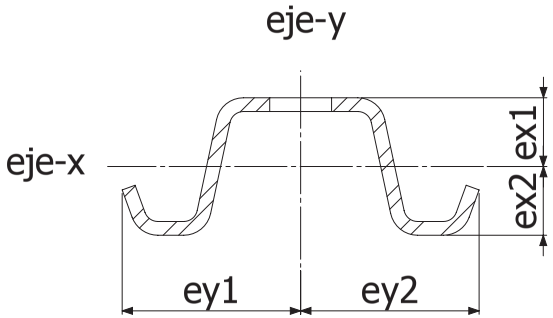
																								ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max en el extremo (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para una flecha de L/200**	**Carga puntual max (Kg) para una flecha de L/360**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**	**Carga puntual max (kg) aplicada en la cara exterior**
0,1	446	1	446	446	223	1	223	223	669	1	669	669	446	1	446	446	112	1	112	112	56	1	56	50	499	508	508	508
0,2	223	1	223	223	111	1	111	111	335	1	335	335	223	1	223	223	56	1	56	33	28	2	22	12	448	499	505	508
0,3	149	1	149	141	74	1	74	74	223	1	223	223	148	1	148	148	37	3	26	15	19	3	10	6	354	482	498	504
0,4	112	2	112	79	55	2	55	50	167	1	167	167	111	1	111	111	28	4	15	8	14	5	6	-	264	448	486	499
0,5	89	3	89	51	44	2	44	32	134	1	134	134	89	1	89	89	22	6	10	5	11	8	-	-	199	405	467	492
0,6	74	4	63	35	37	3	37	22	112	2	112	112	74	2	74	74	19	9	7	-	9	12	-	-	-	354	440	482
0,7	64	5	47	26	31	4	29	16	96	2	96	96	63	2	63	63	16	12	-	-	8	16	-	-	-	306	410	467
0,8	56	7	36	20	27	5	22	12	84	2	84	84	55	3	55	50	14	15	-	-	7	20	-	-	-	264	374	448
0,9	50	8	28	16	24	7	18	10	74	3	74	74	49	4	49	39	12	19	-	-	6	26	-	-	-	228	339	426
1	45	10	23	13	22	8	14	8	67	3	67	63	44	4	44	32	11	24	-	-	6	32	-	-	-	199	306	405
1,1	41	12	19	10	20	10	12	7	61	4	61	52	40	5	40	26	10	29	-	-	5	38	-	-	-	-	275	379
1,2	37	15	16	9	18	11	10	6	56	5	56	44	37	6	37	22	9	34	-	-	5	45	-	-	-	-	248	354
1,3	34	17	14	8	17	14	8	-	51	5	51	38	34	7	34	19	9	40	-	-	4	53	-	-	-	-	224	329
1,4	32	20	12	6	15	15	7	-	48	6	48	32	31	8	29	16	8	46	-	-	4	62	-	-	-	-	204	306
1,5	30	22	10	6	14	17	6	-	45	7	45	28	29	9	25	14	7	53	-	-	4	71	-	-	-	-	-	284
1,6	28	25	9	-	13	19	6	-	42	8	42	25	27	10	22	12	7	60	-	-	3	80	-	-	-	-	-	264
1,7	26	29	8	-	13	23	-	-	39	9	39	22	26	12	20	11	7	68	-	-	3	91	-	-	-	-	-	245
1,8	25	32	7	-	12	25	-	-	37	10	35	20	24	13	18	10	6	76	-	-	3	102	-	-	-	-	-	228
1,9	23	36	6	-	11	27	-	-	35	11	32	18	23	14	16	9	6	85	-	-	3	113	-	-	-	-	-	212
2	22	40	6	-	11	31	-	-	33	12	29	16	22	16	14	8	6	94	-	-	3	125	-	-	-	-	-	199
2,1	21	44	5	-	10	33	-	-	32	13	26	14	21	18	13	7	5	104	-	-	3	138	-	-	-	-	-	-
2,2	20	48	-	-	10	38	-	-	30	15	24	13	20	19	12	7	5	114	-	-	3	152	-	-	-	-	-	-
2,3	19	52	-	-	9	39	-	-	29	16	22	12	19	21	11	6	5	124	-	-	2	166	-	-	-	-	-	-
2,4	19	57	-	-	9	44	-	-	28	17	20	11	18	22	10	6	5	135	-	-	2	180	-	-	-	-	-	-
2,5	18	62	-	-	8	44	-	-	27	19	18	10	17	24	9	5	4	147	-	-	2	196	-	-	-	-	-	-
2,6	17	67	-	-	8	50	-	-	26	20	17	9	17	27	8	-	4	159	-	-	2	212	-	-	-	-	-	-
2,7	17	72	-	-	8	56	-	-	25	22	16	9	16	28	8	-	4	171	-	-	2	228	-	-	-	-	-	-
2,8	16	77	-	-	7	54	-	-	24	23	15	8	15	29	7	-	4	184	-	-	2	245	-	-	-	-	-	-
2,9	15	83	-	-	7	60	-	-	23	25	14	8	15	33	7	-	4	198	-	-	2	263	-	-	-	-	-	-
3	15	88	-	-	7	67	-	-	22	27	13	7	14	34	6	-	4	211	-	-	2	282	-	-	-	-	-	-



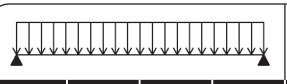
RA 50x14x1,5	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	3,42E-9 m4
Momento de inercia, Iy	4,45E-8 m4
Area seccion bruta	1,33E-4 m2
Area seccion neta	1,21E-4 m2
Radio giro eje x	5,32E-3 m
Radio giro eje y	1,92E-2 m
ex1	9,11E-3 m
ex2	4,89E-3 m
ey1	2,50E-2 m
ey2	2,50E-2 m
Módulo resistente eje x	3,75E-7 m3
Módulo resistente eje y	1,78E-6 m3
Momento flector maximo	5,63E+1 Nm

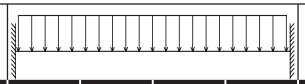
																									ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior	Carga puntual max (kg) aplicada en la cara exterior
0,1	450	1	450	450	225	1	225	225	675	1	675	675	450	1	450	450	113	1	113	113	56	1	56	56	454	461	461	461
0,2	225	1	225	225	112	1	112	112	338	1	338	338	225	1	225	225	56	1	56	40	28	2	27	15	421	454	458	461
0,3	150	1	150	150	75	1	75	75	225	1	225	225	150	1	150	150	38	2	32	18	19	3	12	7	350	443	454	457
0,4	113	2	113	96	56	2	56	56	169	1	169	169	112	1	112	112	28	3	18	10	14	5	7	-	274	421	446	454
0,5	90	3	90	61	45	2	45	38	135	1	135	135	90	1	90	90	23	5	11	6	11	7	-	-	214	389	434	450
0,6	75	3	75	43	37	3	37	27	113	1	113	113	75	2	75	75	19	7	8	-	9	10	-	-	-	350	416	443
0,7	64	5	56	31	32	4	32	20	96	2	96	96	64	2	64	64	16	10	6	-	8	13	-	-	-	311	391	434
0,8	56	6	43	24	28	5	27	15	84	2	84	84	56	3	56	56	14	13	-	-	7	17	-	-	-	274	365	421
0,9	50	7	34	19	25	6	21	12	75	2	75	75	50	3	50	47	13	16	-	-	6	22	-	-	-	241	338	406
1	45	9	28	15	22	7	17	10	68	3	68	68	45	4	45	38	11	20	-	-	6	27	-	-	-	214	311	389
1,1	41	10	23	13	20	8	14	8	61	3	61	61	40	4	40	32	10	24	-	-	5	32	-	-	-	-	285	369
1,2	38	12	19	11	18	10	12	7	56	4	56	53	37	5	37	27	9	28	-	-	5	38	-	-	-	-	261	350
1,3	35	14	16	9	17	11	10	6	52	5	52	45	34	6	34	23	9	33	-	-	4	45	-	-	-	-	238	329
1,4	32	17	14	8	16	13	9	-	48	5	48	39	32	7	32	20	8	38	-	-	4	52	-	-	-	-	218	311
1,5	30	19	12	7	15	15	8	-	45	6	45	34	30	8	30	17	8	44	-	-	4	59	-	-	-	-	200	293
1,6	28	21	11	6	14	17	7	-	42	7	42	30	28	9	27	15	7	50	-	-	4	67	-	-	-	-	-	274
1,7	26	24	10	5	13	19	6	-	40	8	40	26	26	10	24	13	7	57	-	-	3	76	-	-	-	-	-	258
1,8	25	27	9	-	12	21	5	-	38	8	38	24	25	11	21	12	6	64	-	-	3	85	-	-	-	-	-	241
1,9	24	30	8	-	11	22	-	-	36	9	36	21	23	12	19	11	6	71	-	-	3	95	-	-	-	-	-	227
2	23	33	7	-	11	26	-	-	34	10	34	19	22	13	17	10	6	78	-	-	3	105	-	-	-	-	-	214
2,1	21	37	6	-	10	27	-	-	32	11	31	17	21	15	16	9	5	86	-	-	3	116	-	-	-	-	-	200
2,2	20	40	6	-	10	31	-	-	31	12	28	16	20	16	14	8	5	95	-	-	3	127	-	-	-	-	-	-
2,3	20	44	5	-	9	32	-	-	29	13	26	14	19	17	13	7	5	104	-	-	2	139	-	-	-	-	-	-
2,4	19	48	-	-	9	37	-	-	28	15	24	13	18	19	12	7	5	113	-	-	2	151	-	-	-	-	-	-
2,5	18	52	-	-	9	41	-	-	27	16	22	12	18	21	11	6	5	123	-	-	2	164	-	-	-	-	-	-
2,6	17	56	-	-	8	41	-	-	26	17	20	11	17	22	10	6	4	133	-	-	2	177	-	-	-	-	-	-
2,7	17	60	-	-	8	46	-	-	25	18	19	11	16	23	9	5	4	143	-	-	2	191	-	-	-	-	-	-
2,8	16	65	-	-	8	51	-	-	24	20	18	10	16	26	9	-	4	154	-	-	2	205	-	-	-	-	-	-
2,9	16	69	-	-	7	50	-	-	23	21	16	9	15	27	8	-	4	165	-	-	2	220	-	-	-	-	-	-
3	15	74	-	-	7	55	-	-	23	23	15	9	15	30	8	-	4	176	-	-	2	236	-	-	-	-	-	-

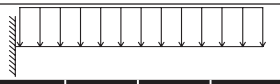
BEBasor
CABLE TRAY SPECIALIST

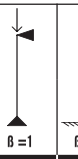


SV0	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	6,49E-9 m4
Momento de inercia, Iy	3,83E-8 m4
Area seccion bruta	1,67E-4 m2
Area seccion neta	1,49E-4 m2
Radio giro eje x	6,59E-3 m
Radio giro eje y	1,60E-2 m
ex1	1,07E-2 m
ex2	9,26E-3 m
ey1	2,60E-2 m
ey2	2,60E-2 m
Módulo resistente eje x	6,05E-7 m3
Módulo resistente eje y	1,47E-6 m3
Momento flector maximo	9,07E+1 Nm









Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max en el extremo (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para una flecha de L/360	ß =2 Carga puntual max (kg) aplicada en la cara exterior	ß =1 Carga puntual max (kg) aplicada en la cara exterior	ß =0,7 Carga puntual max (kg) aplicada en la cara exterior	ß =0,5 Carga puntual max (kg) aplicada en la cara exterior
0,1	725	1	725	725	362	1	362	362	1088	1	1088	1088	725	1	725	725	181	1	181	181	91	1	91	91	608	613	613	613
0,2	363	1	363	363	181	1	181	181	544	1	544	544	362	1	362	362	91	1	91	76	45	1	45	28	583	608	610	613
0,3	242	1	242	242	120	1	120	120	363	1	363	363	241	1	241	241	60	2	60	34	30	2	23	13	521	598	607	610
0,4	181	2	181	181	90	1	90	90	272	1	272	272	181	1	181	181	45	3	34	19	23	4	13	7	432	583	600	608
0,5	145	2	145	116	72	2	72	72	218	1	218	218	145	1	145	145	36	5	22	12	18	6	8	-	351	557	591	603
0,6	121	3	121	81	60	2	60	51	181	1	181	181	120	1	120	120	30	6	15	8	15	8	6	-	285	521	578	598
0,7	104	4	104	59	51	3	51	37	155	2	155	155	103	2	103	103	26	9	11	6	13	11	-	-	-	475	558	591
0,8	91	5	82	45	45	4	45	28	136	2	136	136	90	2	90	90	23	11	9	-	11	15	-	-	-	432	535	583
0,9	81	6	65	36	40	5	40	22	121	2	121	121	80	3	80	80	20	14	7	-	10	18	-	-	-	390	506	570
1	73	7	52	29	36	6	33	18	109	3	109	109	72	3	72	72	18	17	5	-	9	23	-	-	-	351	475	557
1,1	66	9	43	24	32	7	27	15	99	3	99	99	65	4	65	60	16	21	-	-	8	27	-	-	-	316	446	538
1,2	60	10	36	20	30	8	23	13	91	3	91	91	60	4	60	51	15	24	-	-	8	32	-	-	-	285	415	521
1,3	56	12	31	17	27	10	19	11	84	4	84	84	55	5	55	43	14	29	-	-	7	38	-	-	-	256	387	499
1,4	52	14	27	15	25	11	17	9	78	5	78	74	51	6	51	37	13	33	-	-	6	44	-	-	-	-	359	475
1,5	48	16	23	13	24	13	15	8	73	5	73	65	48	7	48	32	12	38	-	-	6	50	-	-	-	-	332	455
1,6	45	18	20	11	22	14	13	7	68	6	68	57	45	8	45	28	11	43	-	-	6	57	-	-	-	-	310	432
1,7	43	21	18	10	21	16	11	6	64	7	64	50	42	8	42	25	11	49	-	-	5	65	-	-	-	-	287	412
1,8	40	23	16	9	20	18	10	6	60	7	60	45	40	9	40	22	10	54	-	-	5	72	-	-	-	-	266	390
1,9	38	26	15	8	19	20	9	5	57	8	57	40	38	10	36	20	10	61	-	-	5	81	-	-	-	-	-	369
2	36	28	13	7	18	23	8	-	54	9	54	36	36	12	33	18	9	67	-	-	5	89	-	-	-	-	-	351
2,1	35	31	12	7	17	25	7	-	52	10	52	33	34	13	30	16	9	74	-	-	4	98	-	-	-	-	-	332
2,2	33	34	11	6	16	27	7	-	49	11	49	30	32	14	27	15	8	81	-	-	4	108	-	-	-	-	-	316
2,3	32	37	10	5	15	28	6	-	47	11	47	27	31	15	25	14	8	88	-	-	4	118	-	-	-	-	-	299
2,4	30	40	9	5	15	32	6	-	45	12	45	25	30	16	23	13	8	96	-	-	4	128	-	-	-	-	-	285
2,5	29	44	8	-	14	34	5	-	44	13	42	23	29	18	21	12	7	104	-	-	4	139	-	-	-	-	-	270
2,6	28	47	8	-	13	35	-	-	42	15	39	22	27	19	19	11	7	113	-	-	3	150	-	-	-	-	-	256
2,7	27	51	7	-	13	40	-	-	40	16	36	20	26	20	18	10	7	122	-	-	3	162	-	-	-	-	-	-
2,8	26	55	7	-	12	41	-	-	39	17	33	19	25	21	17	9	6	131	-	-	3	174	-	-	-	-	-	-
2,9	25	59	6	-	12	45	-	-	38	18	31	17	25	24	16	9	6	140	-	-	3	187	-	-	-	-	-	-
3	24	63	6	-	12	50	-	-	36	19	29	16	24	25	15	8	6	150	-	-	3	200	-	-	-	-	-	-

REF.	Family / Pg.
200001	BASORTRAY 17
200002	BASORTRAY 17
200003	BASORTRAY 17
200004	BASORTRAY 17
200006	BASORTRAY 17
200007	BASORTRAY 17
200008	BASORTRAY 17
200009	BASORTRAY 17
200010	BASORTRAY 17
200011	BASORTRAY 17
200012	BASORTRAY 17
200013	BASORTRAY 17
200014	BASORTRAY 17
200015	BASORTRAY 17
200016	BASORTRAY 17
200017	BASORTRAY 17
200018	BASORTRAY 17
200019	BASORTRAY 17
200020	BASORTRAY 17
200021	BASORTRAY 17
200022	BASORTRAY 17
200023	BASORTRAY 17
200024	BASORTRAY 17
200025	BASORTRAY 17
200051	BASORTRAY 17
200052	BASORTRAY 17
200053	BASORTRAY 17
200054	BASORTRAY 17
200056	BASORTRAY 17
200057	BASORTRAY 17
200058	BASORTRAY 17
200059	BASORTRAY 17
200060	BASORTRAY 17
200061	BASORTRAY 17
200062	BASORTRAY 17
200063	BASORTRAY 17
200064	BASORTRAY 17
200065	BASORTRAY 17
200066	BASORTRAY 17
200067	BASORTRAY 17
200068	BASORTRAY 17
200069	BASORTRAY 17
200070	BASORTRAY 17
200071	BASORTRAY 17
200072	BASORTRAY 17
200073	BASORTRAY 17
200074	BASORTRAY 17
200075	BASORTRAY 17
200151	BASORCANAL 5
200152	BASORCANAL 5
200153	BASORCANAL 5
200154	BASORCANAL 5
200155	BASORCANAL 5
200156	BASORCANAL 5
200157	BASORCANAL 5
200160	BASORCANAL 5
200161	BASORCANAL 6
200162	BASORCANAL 6

REF.	Family / Pg.
200163	BASORCANAL 6
200164	BASORCANAL 6
200165	BASORCANAL 6
200166	BASORCANAL 6
200167	BASORCANAL 6
200170	BASORCANAL 6
200171	BASORCANAL 6
200172	BASORCANAL 6
200173	BASORCANAL 6
200174	BASORCANAL 6
200175	BASORCANAL 6
200176	BASORCANAL 6
200177	BASORCANAL 6
200178	BASORCANAL 6
200180	BASORCANAL 6
200181	BASORCANAL 8
200182	BASORCANAL 8
200183	BASORCANAL 8
200184	BASORCANAL 8
200185	BASORCANAL 8
200186	BASORCANAL 8
200187	BASORCANAL 8
200190	BASORCANAL 8
200191	BASORCANAL 7
200192	BASORCANAL 7
200193	BASORCANAL 7
200194	BASORCANAL 7
200195	BASORCANAL 7
200196	BASORCANAL 7
200197	BASORCANAL 7
200198	BASORCANAL 7
200199	BASORCANAL 7
200200	BASORCANAL 7
200201	BASORCANAL 7
200202	BASORCANAL 7
200203	BASORCANAL 7
200204	BASORCANAL 7
200205	BASORCANAL 7
200206	BASORCANAL 7
200207	BASORCANAL 7
200208	BASORCANAL 7
200209	BASORCANAL 7
200210	BASORCANAL 7
200211	BASORCANAL 7
200212	BASORCANAL 7
200213	BASORCANAL 8
200214	BASORCANAL 8
200215	BASORCANAL 8
200216	BASORCANAL 8
200217	BASORCANAL 8
200218	BASORCANAL 8
200219	BASORCANAL 8
200220	BASORCANAL 8
200221	BASORCANAL 8
200222	BASORCANAL 8
200223	BASORCANAL 8
200224	BASORCANAL 8
200225	BASORCANAL 8

REF.	Family / Pg.
200226	BASORCANAL 8
200227	BASORCANAL 9
200229	BASORSUPPORT 28
200233	BASORFIX 4
200234	BASORFIX 4
200235	BASORFIX 4
200236	BASORFIX 4
200237	BASORFIX 16
200238	BASORFIX 16
200239	BASORFIX 16
200240	BASORFIX 16
200241	BASORFIX 16
200242	BASORFIX 16
200245	BASORFIX 14
200246	BASORFIX 16
200248	BASORFIX 17
200250	BASORFIX 17
200286	BASORFIL 7
200287	BASORFIL 7
200288	BASORFIL 7
200289	BASORFIL 7
200291	BASORFIL 7
200292	BASORFIL 7
200293	BASORFIL 7
200294	BASORFIL 7
200295	BASORFIL 7
200296	BASORFIL 7
200297	BASORFIL 7
200298	BASORFIL 8
200299	BASORFIL 8
200300	BASORFIL 8
200301	BASORFIL 8
200302	BASORFIL 8
200303	BASORFIL 7
200304	BASORFIL 7
200305	BASORFIL 7
200306	BASORFIL 7
200307	BASORFIL 8
200308	BASORFIL 8
200309	BASORFIL 8
200310	BASORFIL 8
200311	BASORFIL 8
200312	BASORFIL 8
200313	BASORFIL 8
200314	BASORFIL 8
200315	BASORFIL 8
200316	BASORFIL 8
200317	BASORFIL 8
200318	BASORFIL 8
200319	BASORFIL 8
200337	BASORFIL 14
200339	BASORFIL 14
200340	BASORFIL 14
200351	BASORFIX 22
200352	BASORFIX 22
200354	BASORFIX 22
200355	BASORFIL 15
200356	BASORFIL 16

REF.	Family / Pg.
200357	BASORFIL 14
200358	BASORFIL 16
200359	BASORFIL 16
200360	BASORFIL 15
200361	BASORFIX 22
200362	BASORFIX 22
200363	BASORFIL 14
200364	BASORFIX 22
200365	BASORFIL 15
200366	BASORFIL 16
200368	BASORFIL 16
200369	BASORFIL 16
200370	BASORFIL 15
200371	BASORFIX 22
200372	BASORFIX 22
200373	BASORFIL 14
200374	BASORFIX 22
200375	BASORFIL 15
200376	BASORFIL 16
200378	BASORFIL 16
200379	BASORFIL 16
200380	BASORFIL 15
200385	TRUNKING 5
200400	TRUNKING 7
200401	TRUNKING 6
200402	TRUNKING 6
200404	TRUNKING 7
200405	BASORTRAY 47
200406	BASORTRAY 47
200407	BASORTRAY 47
200408	BASORTRAY 47
200409	BASORTRAY 47
200413	BASORTRAY 48
200414	BASORTRAY 47
200415	BASORTRAY 48
200416	BASORTRAY 47
200417	BASORTRAY 47
200419	BASORTRAY 47
200420	BASORTRAY 47
200421	BASORTRAY 47
200422	BASORTRAY 47
200423	BASORTRAY 47
200424	BASORTRAY 47
200425	BASORTRAY 47
200426	BASORTRAY 47
200427	BASORTRAY 47
200446	BASORTRAY 47
200447	BASORTRAY 47
200448	BASORTRAY 47
200449	BASORTRAY 47
200450	BASORTRAY 47
200454	BASORTRAY 48
200455	BASORTRAY 48
200456	BASORTRAY 48
200457	BASORTRAY 48
200458	BASORTRAY 48
200462	BASORTRAY 48
200463	BASORTRAY 48

REF.	Family / Pg.
200464	BASORTRAY 48
200465	BASORTRAY 48
200466	BASORTRAY 48
200467	BASORTRAY 48
200468	BASORTRAY 48
200569	BASORTRAY 43
200570	BASORTRAY 43
200571	BASORTRAY 43
200572	BASORTRAY 43
200573	BASORTRAY 43
200577	BASORTRAY 43
200578	BASORTRAY 43
200579	BASORTRAY 43
200580	BASORTRAY 43
200581	BASORTRAY 43
200582	BASORTRAY 43
200583	BASORTRAY 43
200584	BASORTRAY 43
200585	BASORTRAY 43
200586	BASORTRAY 43
200587	BASORTRAY 43
200588	BASORTRAY 43
200589	BASORTRAY 43
200590	BASORTRAY 43
200591	BASORTRAY 43
200592	BASORTRAY 43
200593	BASORTRAY 44
200594	BASORTRAY 44
200595	BASORTRAY 44
200596	BASORTRAY 44
200597	BASORTRAY 44
200598	BASORTRAY 44
200599	BASORTRAY 44
200615	BASORTRAY 55
200616	BASORTRAY 55
200617	BASORTRAY 55
200618	BASORTRAY 55
200622	BASORTRAY 55
200623	BASORTRAY 55
200624	BASORTRAY 55
200625	BASORTRAY 55
200626	BASORTRAY 55
200713	BASORTRAY 56
200715	BASORTRAY 56
200716	BASORTRAY 56
200717	BASORTRAY 56
200719	BASORTRAY 56
200728	BASORTRAY 56
200730	BASORTRAY 56
200731	BASORTRAY 56
200732	BASORTRAY 56
200734	BASORTRAY 56
200749	BASORTRAV 5
200750	BASORTRAV 5
200751	BASORTRAV 5
200752	BASORTRAV 5
200753	BASORTRAV 5
200754	BASORTRAV 5

REF.	Family / Pg.
200755	BASORTRAV 5
200770	BASORTRAV 5
200771	BASORTRAV 5
200772	BASORTRAV 5
200773	BASORTRAV 5
200774	BASORTRAV 5
200775	BASORTRAV 5
200776	BASORTRAV 5
200802	BASORTRAV 28
200803	BASORTRAV 28
200804	BASORTRAV 28
200805	BASORTRAV 28
200806	BASORTRAV 28
200807	BASORTRAV 28
200808	BASORTRAV 28
200809	BASORTRAV 28
200810	BASORTRAV 28
200811	BASORTRAV 28
200812	BASORTRAV 6
200813	BASORTRAV 6
200814	BASORTRAV 6
200815	BASORTRAV 6
200816	BASORTRAV 6
200817	BASORTRAV 6
200818	BASORTRAV 6
200833	BASORTRAV 6
200834	BASORTRAV 6
200835	BASORTRAV 6
200836	BASORTRAV 6
200837	BASORTRAV 6
200838	BASORTRAV 6
200839	BASORTRAV 6
200854	BASORTRAV 15, 55
200855	BASORTRAV 70
200856	BASORTRAV 55
200857	BASORTRAV 15, 55
200859	BASORTRAV 55
200860	BASORTRAV 15, 55
200862	BASORTRAV 55
200863	BASORTRAV 14, 56
200864	BASORTRAV 14, 56
200865	BASORTRAV 19
200866	BASORTRAV 19
200867	BASORTRAV 19
200868	BASORTRAV 19
200869	BASORTRAV 19
200870	BASORTRAV 19
200871	BASORTRAV 19
200872	BASORTRAV 19
200873	BASORTRAV 19
200874	BASORTRAV 19
200875	BASORTRAV 19
200876	BASORTRAV 19
200877	BASORTRAV 19
200878	BASORTRAV 19
200886	BASORFIL 15
200887	BASORTRAV 24
200888	BASORTRAV 24

REF.	Family / Pg.
200889	BASORTRAV 24
200890	BASORTRAV 24
200891	BASORTRAV 24
200892	BASORTRAV 24
200893	BASORTRAV 24
200894	BASORSUPPORT 8, 15
200895	BASORTRAV 24
200896	BASORTRAV 24
200897	BASORTRAV 24
200898	BASORTRAV 24
200899	BASORTRAV 24
200900	BASORTRAV 24
200901	BASORTRAV 24
200909	BASORTRAV 32
200910	BASORTRAV 32
200911	BASORTRAV 32
200912	BASORTRAV 32
200913	BASORTRAV 32
200914	BASORTRAV 32
200915	BASORTRAV 32
200916	BASORTRAV 32
200917	BASORTRAV 32
200918	BASORTRAV 32
200919	BASORTRAV 32
200920	BASORTRAV 32
200921	BASORTRAV 32
200922	BASORTRAV 32
200930	BASORTRAV 35
200931	BASORTRAV 35
200932	BASORTRAV 35
200933	BASORTRAV 35
200934	BASORTRAV 35
200935	BASORTRAV 35
200936	BASORTRAV 35
200937	BASORTRAV 35
200938	BASORTRAV 35
200939	BASORTRAV 35
200940	BASORTRAV 35
200941	BASORTRAV 35
200942	BASORTRAV 35
200943	BASORTRAV 35
200951	BASORTRAV 36
200952	BASORTRAV 36
200953	BASORTRAV 36
200954	BASORTRAV 36
200955	BASORTRAV 36
200956	BASORTRAV 36
200957	BASORTRAV 36
200958	BASORTRAV 36
200959	BASORTRAV 36
200960	BASORTRAV 36
200961	BASORTRAV 36
200962	BASORTRAV 36
200963	BASORTRAV 36
200964	BASORTRAV 36
200975	BASORSUPPORT 8
200976	BASORSUPPORT 8
200977	BASORSUPPORT 8

REF.	Family / Pg.
200978	BASORSUPPORT 8
200980	BASORSUPPORT 8
200981	BASORSUPPORT 8
200982	BASORSUPPORT 8
200994	BASORSUPPORT 8
200995	BASORSUPPORT 8
200996	BASORSUPPORT 8
200997	BASORSUPPORT 8
200998	BASORSUPPORT 8
200999	BASORSUPPORT 8
201000	BASORSUPPORT 8
201002	BASORSUPPORT 8
201003	BASORSUPPORT 8
201004	BASORSUPPORT 8
201005	BASORSUPPORT 8
201006	BASORSUPPORT 8
201020	BASORSUPPORT 8
201021	BASORSUPPORT 8
201022	BASORSUPPORT 8
201023	BASORSUPPORT 9
201024	BASORSUPPORT 9
201025	BASORSUPPORT 9
201026	BASORSUPPORT 9
201027	BASORSUPPORT 9
201032	BASORSUPPORT 13, 28
201033	BASORSUPPORT 13, 28
201034	BASORSUPPORT 13, 28
201035	BASORSUPPORT 13, 28
201036	BASORSUPPORT 10, 17, 22
201037	BASORSUPPORT 10, 17, 22
201038	BASORSUPPORT 10, 17, 22
201046	BASORSUPPORT 21, BASORCANAL 19
201047	BASORSUPPORT 21
201048	BASORSUPPORT 21, BASORCANAL 19
201049	BASORSUPPORT 21, BASORCANAL 19
201050	BASORSUPPORT 21
201051	BASORSUPPORT 21
201052	BASORSUPPORT 21
201053	BASORSUPPORT 21
201062	BASORSUPPORT 21
201063	BASORSUPPORT 21
201064	BASORSUPPORT 21
201065	BASORSUPPORT 21
201069	BASORSUPPORT 19, 22
201070	BASORSUPPORT 19, 22
201071	BASORSUPPORT 19, 22
201072	BASORSUPPORT 19, 22
201073	BASORSUPPORT 15, 21
201074	BASORSUPPORT 15, 21
201076	BASORSUPPORT 15, 21
201077	BASORSUPPORT 15, 21
201078	BASORSUPPORT 15, 21
201079	BASORSUPPORT 15, 21
201081	BASORSUPPORT 15, 21
201082	BASORSUPPORT 15, 21

REF.	Family / Pg.
201087	BASORSUPPORT 15
201088	BASORSUPPORT 15
201090	BASORSUPPORT 15
201099	BASORTRAY 29
201101	BASORFIX 16
201104	BASORFIL 14
201116	BASORSUPPORT 28
201117	BASORSUPPORT 28
201121	BASORSUPPORT 27
201122	BASORFIX 16
201123	BASORFIX 16
201124	BASORFIX 16
201128	BASORPLAST 8
201129	BASORPLAST 8
201130	BASORPLAST 8
201131	BASORFIX 14
201132	BASORPLAST 5
201133	BASORPLAST 5
201134	BASORPLAST 5
201135	BASORPLAST 5
201136	BASORPLAST 5
201137	BASORPLAST 5
201138	BASORPLAST 5
201139	BASORPLAST 5
201140	BASORPLAST 5
201141	BASORPLAST 5
201142	BASORPLAST 5
201143	BASORPLAST 5
201144	BASORPLAST 5
201145	BASORPLAST 5
201146	BASORPLAST 6
201147	BASORPLAST 6
201148	BASORPLAST 6
201149	BASORPLAST 6
201150	BASORPLAST 6
201151	BASORPLAST 6
201152	BASORPLAST 6
201153	BASORPLAST 7
201154	BASORPLAST 7
201155	BASORFIX 14
201156	BASORPLAST 21
201157	BASORPLAST 21
201158	BASORPLAST 21
201159	BASORPLAST 21
201160	BASORPLAST 22
201161	BASORPLAST 22
201162	BASORPLAST 21
201163	BASORPLAST 21
201164	BASORPLAST 21
201165	BASORPLAST 21
201166	BASORPLAST 21
201167	BASORPLAST 21
201168	BASORPLAST 23
201169	BASORPLAST 23
201170	BASORPLAST 23
201171	BASORPLAST 23
201172	BASORPLAST 23
201173	BASORPLAST 23

REF.	Family / Pg.
201174	BASORPLAST 23
201175	BASORPLAST 23
201176	BASORPLAST 23
201177	BASORPLAST 23
201178	BASORPLAST 23
201179	BASORPLAST 23
201180	BASORPLAST 24
201181	BASORPLAST 24
201182	BASORPLAST 24
201183	BASORPLAST 24
201184	BASORPLAST 24
201185	BASORPLAST 22
201186	BASORPLAST 22
201187	BASORPLAST 22
201188	BASORPLAST 22
201189	BASORPLAST 22
201190	BASORPLAST 22
201192	BASORTRAY 11
201193	BASORTRAY 11
201194	BASORTRAY 11
201195	BASORTRAY 11
201197	BASORTRAY 11
201198	BASORTRAY 11
201199	BASORTRAY 11
201201	BASORTRAY 11
201202	BASORTRAY 11
201203	BASORTRAY 11
201204	BASORTRAY 11
201205	BASORTRAY 12
201206	BASORTRAY 12
201207	BASORTRAY 12
201209	BASORTRAY 12
201210	BASORTRAY 12
201211	BASORTRAY 12
201212	BASORTRAY 12
201213	BASORTRAY 12
201214	BASORTRAY 12
201215	BASORTRAY 12
201217	BASORTRAY 12
201218	BASORTRAY 12
201219	BASORTRAY 12
201220	BASORTRAY 12
201222	BASORTRAY 11
201223	BASORTRAY 11
201224	BASORTRAY 11
201225	BASORTRAY 11
201227	BASORTRAY 11
201228	BASORTRAY 11
201229	BASORTRAY 11
201231	BASORTRAY 11
201232	BASORTRAY 11
201233	BASORTRAY 11
201234	BASORTRAY 11
201235	BASORTRAY 12
201236	BASORTRAY 12
201237	BASORTRAY 12
201239	BASORTRAY 12
201240	BASORTRAY 12

REF.	Family / Pg.
201241	BASORTRAY 12
201242	BASORTRAY 12
201243	BASORTRAY 12
201244	BASORTRAY 12
201245	BASORTRAY 12
201247	BASORTRAY 12
201248	BASORTRAY 12
201249	BASORTRAY 12
201250	BASORTRAY 12
201252	BASORTRAY 11
201253	BASORTRAY 11
201254	BASORTRAY 11
201255	BASORTRAY 11
201257	BASORTRAY 12
201258	BASORTRAY 12
201259	BASORTRAY 12
201261	BASORTRAY 12
201262	BASORTRAY 12
201263	BASORTRAY 12
201264	BASORTRAY 12
201265	BASORTRAY 12
201266	BASORTRAY 12
201267	BASORTRAY 12
201269	BASORTRAY 12
201270	BASORTRAY 12
201271	BASORTRAY 12
201272	BASORTRAY 12
201273	BASORTRAY 13
201274	BASORTRAY 13
201275	BASORTRAY 13
201277	BASORTRAY 13
201278	BASORTRAY 13
201279	BASORTRAY 13
201280	BASORTRAY 13
201282	BASORTRAY 11
201283	BASORTRAY 11
201284	BASORTRAY 11
201285	BASORTRAY 11
201287	BASORTRAY 12
201288	BASORTRAY 12
201289	BASORTRAY 12
201291	BASORTRAY 12
201292	BASORTRAY 12
201293	BASORTRAY 12
201294	BASORTRAY 12
201295	BASORTRAY 12
201296	BASORTRAY 12
201297	BASORTRAY 12
201299	BASORTRAY 12
201300	BASORTRAY 12
201301	BASORTRAY 12
201302	BASORTRAY 12
201303	BASORTRAY 13
201304	BASORTRAY 13
201305	BASORTRAY 13
201307	BASORTRAY 13
201308	BASORTRAY 13
201309	BASORTRAY 13

REF.	Family / Pg.
201310	BASORTRAY 13
201312	BASORTRAY 9, 18, BASORFIL 5, 9
201313	BASORTRAY 9, 18, BASORFIL 5, 9
201314	BASORTRAY 9, 18, BASORFIL 5, 9
201316	BASORTRAY 9, 18, BASORFIL 5, 9
201317	BASORTRAY 9, 18, BASORFIL 5, 9
201318	BASORTRAY 9, 18, BASORFIL 5, 9
201319	BASORTRAY 9, 18, BASORFIL 5, 9
201321	BASORTRAY 13, 18, BASORFIL 5, 9
201322	BASORTRAY 13, 18, BASORFIL 5, 9
201323	BASORTRAY 13, 18, BASORFIL 5, 9
201325	BASORTRAY 13, 18, BASORFIL 5, 9
201326	BASORTRAY 13, 18, BASORFIL 5, 9
201327	BASORTRAY 13, 18, BASORFIL 5, 9
201328	BASORTRAY 13, 18, BASORFIL 5, 9
201337	BASORTRAY 19
201338	BASORTRAY 19
201339	BASORTRAY 19
201340	BASORTRAY 19
201344	BASORTRAY 19
201345	BASORTRAY 19
201346	BASORTRAY 19
201348	BASORTRAY 19
201349	BASORTRAY 19
201350	BASORTRAY 19
201351	BASORTRAY 19
201352	BASORTRAY 19
201353	BASORTRAY 19
201354	BASORTRAY 19
201356	BASORTRAY 19
201357	BASORTRAY 19
201358	BASORTRAY 19
201359	BASORTRAY 19
201360	BASORTRAY 19
201361	BASORTRAY 19
201362	BASORTRAY 19
201364	BASORTRAY 19
201365	BASORTRAY 19
201366	BASORTRAY 19
201367	BASORTRAY 19
201368	BASORTRAY 19
201369	BASORTRAY 19
201370	BASORTRAY 19
201371	BASORTRAY 19

REF.	Family / Pg.
201375	BASORTRAY 19
201376	BASORTRAY 19
201377	BASORTRAY 19
201379	BASORTRAY 19
201380	BASORTRAY 19
201381	BASORTRAY 19
201382	BASORTRAY 19
201383	BASORTRAY 19
201384	BASORTRAY 19
201385	BASORTRAY 19
201387	BASORTRAY 19
201388	BASORTRAY 19
201389	BASORTRAY 19
201390	BASORTRAY 19
201391	BASORTRAY 19
201392	BASORTRAY 19
201393	BASORTRAY 19
201395	BASORTRAY 19
201396	BASORTRAY 19
201397	BASORTRAY 19
201398	BASORTRAY 19
201430	BASORTRAY 19
201431	BASORTRAY 19
201432	BASORTRAY 19
201433	BASORTRAY 19
201434	BASORTRAY 19
201435	BASORTRAY 19
201436	BASORTRAY 19
201437	BASORTRAY 19
201438	BASORTRAY 19
201439	BASORTRAY 19
201440	BASORTRAY 19
201441	BASORTRAY 19
201442	BASORTRAY 19
201443	BASORTRAY 19
201451	BASORTRAY 21
201452	BASORTRAY 21
201453	BASORTRAY 21
201454	BASORTRAY 21
201458	BASORTRAY 21
201459	BASORTRAY 21
201460	BASORTRAY 21
201462	BASORTRAY 21
201463	BASORTRAY 21
201464	BASORTRAY 21
201465	BASORTRAY 21
201466	BASORTRAY 21
201467	BASORTRAY 21
201468	BASORTRAY 21
201470	BASORTRAY 21
201471	BASORTRAY 21
201472	BASORTRAY 21
201473	BASORTRAY 21
201474	BASORTRAY 21
201475	BASORTRAY 21
201476	BASORTRAY 21
201478	BASORTRAY 21
201479	BASORTRAY 21

REF.	Family / Pg.
201480	BASORTRAY 21
201481	BASORTRAY 21
201482	BASORTRAY 21
201483	BASORTRAY 21
201484	BASORTRAY 21
201485	BASORTRAY 21
201489	BASORTRAY 21
201490	BASORTRAY 21
201491	BASORTRAY 21
201493	BASORTRAY 21
201494	BASORTRAY 21
201495	BASORTRAY 21
201496	BASORTRAY 21
201497	BASORTRAY 21
201498	BASORTRAY 21
201499	BASORTRAY 21
201501	BASORTRAY 21
201502	BASORTRAY 21
201503	BASORTRAY 21
201504	BASORTRAY 21
201505	BASORTRAY 21
201506	BASORTRAY 21
201507	BASORTRAY 21
201509	BASORTRAY 21
201510	BASORTRAY 21
201511	BASORTRAY 21
201512	BASORTRAY 21
201544	BASORTRAY 21
201545	BASORTRAY 21
201546	BASORTRAY 21
201547	BASORTRAY 21
201548	BASORTRAY 21
201549	BASORTRAY 21
201550	BASORTRAY 21
201551	BASORTRAY 21
201552	BASORTRAY 21
201553	BASORTRAY 21
201554	BASORTRAY 21
201555	BASORTRAY 21
201556	BASORTRAY 21
201557	BASORTRAY 21
201565	BASORTRAY 23
201566	BASORTRAY 23
201567	BASORTRAY 23
201568	BASORTRAY 23
201572	BASORTRAY 23
201573	BASORTRAY 23
201574	BASORTRAY 23
201576	BASORTRAY 23
201577	BASORTRAY 23
201578	BASORTRAY 23
201579	BASORTRAY 23
201580	BASORTRAY 23
201581	BASORTRAY 23
201582	BASORTRAY 23
201584	BASORTRAY 23
201585	BASORTRAY 23
201586	BASORTRAY 23

REF.	Family / Pg.
201587	BASORTRAY 23
201588	BASORTRAY 23
201589	BASORTRAY 23
201590	BASORTRAY 23
201592	BASORTRAY 23
201593	BASORTRAY 23
201594	BASORTRAY 23
201595	BASORTRAY 23
201596	BASORTRAY 23
201597	BASORTRAY 23
201598	BASORTRAY 23
201599	BASORTRAY 23
201603	BASORTRAY 23
201604	BASORTRAY 23
201605	BASORTRAY 23
201607	BASORTRAY 23
201608	BASORTRAY 23
201609	BASORTRAY 23
201610	BASORTRAY 23
201611	BASORTRAY 23
201612	BASORTRAY 23
201613	BASORTRAY 23
201615	BASORTRAY 23
201616	BASORTRAY 23
201617	BASORTRAY 23
201618	BASORTRAY 23
201619	BASORTRAY 23
201620	BASORTRAY 23
201621	BASORTRAY 23
201623	BASORTRAY 23
201624	BASORTRAY 23
201625	BASORTRAY 23
201626	BASORTRAY 23
201658	BASORTRAY 23
201659	BASORTRAY 23
201660	BASORTRAY 23
201661	BASORTRAY 23
201665	BASORTRAY 23
201666	BASORTRAY 23
201667	BASORTRAY 23
201669	BASORTRAY 23
201670	BASORTRAY 23
201671	BASORTRAY 23
201672	BASORTRAY 23
201673	BASORTRAY 23
201674	BASORTRAY 23
201675	BASORTRAY 23
201677	BASORTRAY 23
201678	BASORTRAY 23
201679	BASORTRAY 23
201680	BASORTRAY 23
201681	BASORTRAY 23
201682	BASORTRAY 23
201683	BASORTRAY 23
201685	BASORTRAY 23
201686	BASORTRAY 23
201687	BASORTRAY 23
201688	BASORTRAY 23

REF.	Family / Pg.
201689	BASORTRAY 23
201690	BASORTRAY 23
201691	BASORTRAY 23
201692	BASORTRAY 23
201696	BASORTRAY 23
201697	BASORTRAY 23
201698	BASORTRAY 23
201700	BASORTRAY 23
201701	BASORTRAY 23
201702	BASORTRAY 23
201703	BASORTRAY 23
201704	BASORTRAY 23
201705	BASORTRAY 23
201706	BASORTRAY 23
201708	BASORTRAY 23
201709	BASORTRAY 23
201710	BASORTRAY 23
201711	BASORTRAY 23
201712	BASORTRAY 23
201713	BASORTRAY 23
201714	BASORTRAY 23
201716	BASORTRAY 23
201717	BASORTRAY 23
201718	BASORTRAY 23
201719	BASORTRAY 23
201751	BASORTRAY 25
201752	BASORTRAY 25
201753	BASORTRAY 25
201754	BASORTRAY 25
201758	BASORTRAY 25
201759	BASORTRAY 25
201760	BASORTRAY 25
201762	BASORTRAY 25
201763	BASORTRAY 25
201764	BASORTRAY 25
201765	BASORTRAY 25
201766	BASORTRAY 25
201767	BASORTRAY 25
201768	BASORTRAY 25
201770	BASORTRAY 25
201771	BASORTRAY 25
201772	BASORTRAY 25
201773	BASORTRAY 25
201774	BASORTRAY 25
201775	BASORTRAY 25
201776	BASORTRAY 25
201778	BASORTRAY 25
201779	BASORTRAY 25
201780	BASORTRAY 25
201781	BASORTRAY 25
201782	BASORTRAY 25
201783	BASORTRAY 25
201784	BASORTRAY 25
201785	BASORTRAY 25
201789	BASORTRAY 25
201790	BASORTRAY 25
201791	BASORTRAY 25
201793	BASORTRAY 25

REF.	Family / Pg.
201794	BASORTRAY 25
201795	BASORTRAY 25
201796	BASORTRAY 25
201797	BASORTRAY 25
201798	BASORTRAY 25
201799	BASORTRAY 25
201801	BASORTRAY 25
201802	BASORTRAY 25
201803	BASORTRAY 25
201804	BASORTRAY 25
201805	BASORTRAY 25
201806	BASORTRAY 25
201807	BASORTRAY 25
201809	BASORTRAY 25
201810	BASORTRAY 25
201811	BASORTRAY 25
201812	BASORTRAY 25
201844	BASORTRAY 25
201845	BASORTRAY 25
201846	BASORTRAY 25
201848	BASORTRAY 25
201849	BASORTRAY 25
201850	BASORTRAY 25
201851	BASORTRAY 25
201852	BASORTRAY 25
201853	BASORTRAY 25
201854	BASORTRAY 25
201855	BASORTRAY 25
201856	BASORTRAY 25
201857	BASORTRAY 25
201858	BASORTRAY 25
201866	BASORTRAY 26
201867	BASORTRAY 26
201868	BASORTRAY 26
201869	BASORTRAY 26
201872	BASORTRAY 26
201873	BASORTRAY 26
201874	BASORTRAY 26
201875	BASORTRAY 26
201877	BASORTRAY 26
201878	BASORTRAY 26
201879	BASORTRAY 26
201880	BASORTRAY 26
201881	BASORTRAY 26
201882	BASORTRAY 26
201883	BASORTRAY 26
201885	BASORTRAY 26
201886	BASORTRAY 26
201887	BASORTRAY 26
201889	BASORTRAY 26
201890	BASORTRAY 26
201891	BASORTRAY 26
201893	BASORTRAY 26
201894	BASORTRAY 26
201895	BASORTRAY 26
201896	BASORTRAY 26
201897	BASORTRAY 26
201898	BASORTRAY 26

REF.	Family / Pg.
201899	BASORTRAY 26
201900	BASORTRAY 26
201904	BASORTRAY 26
201905	BASORTRAY 26
201906	BASORTRAY 26
201908	BASORTRAY 26
201909	BASORTRAY 26
201910	BASORTRAY 26
201911	BASORTRAY 26
201912	BASORTRAY 26
201913	BASORTRAY 26
201914	BASORTRAY 26
201916	BASORTRAY 26
201917	BASORTRAY 26
201918	BASORTRAY 26
201919	BASORTRAY 26
201920	BASORTRAY 26
201921	BASORTRAY 26
201922	BASORTRAY 26
201924	BASORTRAY 26
201925	BASORTRAY 26
201926	BASORTRAY 26
201927	BASORTRAY 26
201959	BASORTRAY 26
201960	BASORTRAY 26
201961	BASORTRAY 26
201963	BASORTRAY 26
201964	BASORTRAY 26
201965	BASORTRAY 26
201966	BASORTRAY 26
201967	BASORTRAY 26
201968	BASORTRAY 26
201969	BASORTRAY 26
201971	BASORTRAY 26
201972	BASORTRAY 26
201973	BASORTRAY 26
201974	BASORTRAY 26
201983	BASORTRAY 27
201984	BASORTRAY 27
201985	BASORTRAY 27
201987	BASORTRAY 27
201991	BASORTRAY 27
201992	BASORTRAY 27
201993	BASORTRAY 27
201995	BASORTRAY 27
201996	BASORTRAY 27
201997	BASORTRAY 27
201998	BASORTRAY 27
201999	BASORTRAY 27
202000	BASORTRAY 27
202001	BASORTRAY 27
202003	BASORTRAY 27
202004	BASORTRAY 27
202005	BASORTRAY 27
202006	BASORTRAY 27
202007	BASORTRAY 27
202008	BASORTRAY 27
202009	BASORTRAY 27

REF.	Family / Pg.
202011	BASORTRAY 27
202012	BASORTRAY 27
202013	BASORTRAY 27
202014	BASORTRAY 27
202015	BASORTRAY 27
202016	BASORTRAY 27
202017	BASORTRAY 27
202019	BASORTRAY 27
202023	BASORTRAY 27
202024	BASORTRAY 27
202025	BASORTRAY 27
202027	BASORTRAY 27
202028	BASORTRAY 27
202029	BASORTRAY 27
202030	BASORTRAY 27
202031	BASORTRAY 27
202032	BASORTRAY 27
202033	BASORTRAY 27
202035	BASORTRAY 27
202036	BASORTRAY 27
202037	BASORTRAY 27
202038	BASORTRAY 27
202039	BASORTRAY 27
202040	BASORTRAY 27
202041	BASORTRAY 27
202043	BASORTRAY 27
202044	BASORTRAY 27
202045	BASORTRAY 27
202046	BASORTRAY 27
202047	BASORTRAY 29
202048	BASORTRAY 29
202049	BASORTRAY 29
202050	BASORTRAY 29
202051	BASORTRAY 6
202052	BASORTRAY 29
202053	BASORTRAY 29
202054	BASORTRAY 29
202055	BASORTRAY 29
202056	BASORTRAY 6
202061	BASORPLAST 26
202062	BASORPLAST 26
202064	BASORFIL 14
202066	BASORTRAY 28, 40, BASORFIL 19,BASORTRAV 54
202069	BASORTRAY 50
202070	BASORTRAY 50
202071	BASORTRAY 50
202072	BASORTRAY 50
202073	BASORTRAY 50
202077	BASORTRAY 50
202078	BASORTRAY 50
202079	BASORTRAY 50
202080	BASORTRAY 50
202081	BASORTRAY 50
202082	BASORTRAY 50
202083	BASORTRAY 50
202084	BASORTRAY 50
202085	BASORTRAY 50

REF.	Family / Pg.
202086	BASORTRAY 50
202087	BASORTRAY 50
202088	BASORTRAY 50
202089	BASORTRAY 50
202090	BASORTRAY 50
202091	BASORTRAY 50
202092	BASORTRAY 50
202167	BASORTRAY 50
202168	BASORTRAY 50
202169	BASORTRAY 50
202170	BASORTRAY 50
202171	BASORTRAY 50
202172	BASORTRAY 50
202173	BASORTRAY 50
202174	BASORTRAY 50
202175	BASORTRAY 50
202176	BASORTRAY 50
202177	BASORTRAY 50
202178	BASORTRAY 50
202179	BASORTRAY 50
202180	BASORTRAY 50
202181	BASORTRAY 50
202182	BASORTRAY 50
202213	BASORTRAY 57
202215	BASORTRAY 57
202216	BASORTRAY 57
202217	BASORTRAY 57
202219	BASORTRAY 57
202228	BASORTRAY 57
202230	BASORTRAY 57
202231	BASORTRAY 57
202232	BASORTRAY 57
202234	BASORTRAY 57
202249	BASORTRAY 50
202250	BASORTRAY 50
202251	BASORTRAY 50
202252	BASORTRAY 50
202253	BASORTRAY 50
202257	BASORTRAY 50
202258	BASORTRAY 50
202259	BASORTRAY 50
202260	BASORTRAY 50
202261	BASORTRAY 50
202262	BASORTRAY 50
202263	BASORTRAY 50
202264	BASORTRAY 50
202265	BASORTRAY 50
202266	BASORTRAY 50
202267	BASORTRAY 50
202268	BASORTRAY 50
202269	BASORTRAY 50
202270	BASORTRAY 50
202271	BASORTRAY 50
202272	BASORTRAY 50
202347	BASORTRAY 50
202348	BASORTRAY 50
202349	BASORTRAY 50
202350	BASORTRAY 50

REF.	Family / Pg.
202351	BASORTRAY 50
202352	BASORTRAY 50
202353	BASORTRAY 50
202354	BASORTRAY 50
202355	BASORTRAY 50
202356	BASORTRAY 50
202357	BASORTRAY 50
202358	BASORTRAY 50
202359	BASORTRAY 50
202360	BASORTRAY 50
202361	BASORTRAY 50
202362	BASORTRAY 50
202393	BASORTRAY 57
202395	BASORTRAY 57
202396	BASORTRAY 57
202397	BASORTRAY 57
202399	BASORTRAY 57
202408	BASORTRAY 57
202409	BASORTRAY 57
202410	BASORTRAY 57
202411	BASORTRAY 57
202412	BASORTRAY 57
202414	BASORTRAY 57
202429	BASORTRAY 51
202430	BASORTRAY 51
202431	BASORTRAY 51
202432	BASORTRAY 51
202433	BASORTRAY 51
202437	BASORTRAY 51
202438	BASORTRAY 51
202439	BASORTRAY 51
202440	BASORTRAY 51
202441	BASORTRAY 51
202442	BASORTRAY 51
202443	BASORTRAY 51
202444	BASORTRAY 51
202445	BASORTRAY 51
202446	BASORTRAY 51
202447	BASORTRAY 51
202448	BASORTRAY 51
202449	BASORTRAY 51
202450	BASORTRAY 51
202451	BASORTRAY 51
202452	BASORTRAY 51
202527	BASORTRAY 51
202528	BASORTRAY 51
202529	BASORTRAY 51
202530	BASORTRAY 51
202531	BASORTRAY 51
202532	BASORTRAY 51
202533	BASORTRAY 51
202534	BASORTRAY 51
202535	BASORTRAY 51
202536	BASORTRAY 51
202537	BASORTRAY 51
202538	BASORTRAY 51
202539	BASORTRAY 51
202540	BASORTRAY 51

REF.	Family / Pg.
202541	BASORTRAY 51
202542	BASORTRAY 51
202573	BASORTRAY 57
202575	BASORTRAY 57
202576	BASORTRAY 57
202577	BASORTRAY 57
202579	BASORTRAY 57
202588	BASORTRAY 57
202590	BASORTRAY 57
202591	BASORTRAY 57
202592	BASORTRAY 57
202594	BASORTRAY 57
202609	BASORTRAY 52
202610	BASORTRAY 52
202611	BASORTRAY 52
202612	BASORTRAY 52
202613	BASORTRAY 52
202617	BASORTRAY 52
202618	BASORTRAY 52
202619	BASORTRAY 52
202620	BASORTRAY 52
202621	BASORTRAY 52
202622	BASORTRAY 52
202623	BASORTRAY 52
202624	BASORTRAY 52
202625	BASORTRAY 52
202626	BASORTRAY 52
202627	BASORTRAY 52
202628	BASORTRAY 52
202629	BASORTRAY 52
202630	BASORTRAY 52
202631	BASORTRAY 52
202632	BASORTRAY 52
202707	BASORTRAY 52
202708	BASORTRAY 52
202709	BASORTRAY 52
202710	BASORTRAY 52
202711	BASORTRAY 52
202712	BASORTRAY 52
202713	BASORTRAY 52
202714	BASORTRAY 52
202715	BASORTRAY 52
202716	BASORTRAY 52
202717	BASORTRAY 52
202718	BASORTRAY 52
202719	BASORTRAY 52
202720	BASORTRAY 52
202721	BASORTRAY 52
202722	BASORTRAY 52
202753	BASORTRAY 58
202755	BASORTRAY 58
202756	BASORTRAY 58
202757	BASORTRAY 58
202759	BASORTRAY 58
202768	BASORTRAY 58
202770	BASORTRAY 58
202771	BASORTRAY 58
202772	BASORTRAY 58

REF.	Family / Pg.
202774	BASORTRAY 58
202789	BASORTRAY 51
202790	BASORTRAY 51
202791	BASORTRAY 51
202792	BASORTRAY 51
202793	BASORTRAY 51
202797	BASORTRAY 51
202798	BASORTRAY 51
202799	BASORTRAY 51
202800	BASORTRAY 51
202801	BASORTRAY 51
202802	BASORTRAY 51
202803	BASORTRAY 51
202804	BASORTRAY 51
202805	BASORTRAY 51
202806	BASORTRAY 51
202807	BASORTRAY 51
202808	BASORTRAY 51
202809	BASORTRAY 51
202810	BASORTRAY 51
202811	BASORTRAY 51
202812	BASORTRAY 51
202888	BASORTRAY 51
202889	BASORTRAY 51
202890	BASORTRAY 51
202891	BASORTRAY 51
202892	BASORTRAY 51
202893	BASORTRAY 51
202894	BASORTRAY 51
202895	BASORTRAY 51
202896	BASORTRAY 51
202897	BASORTRAY 51
202898	BASORTRAY 51
202899	BASORTRAY 51
202900	BASORTRAY 51
202901	BASORTRAY 51
202902	BASORTRAY 51
202903	BASORTRAY 51
202935	BASORTRAY 58
202937	BASORTRAY 58
202938	BASORTRAY 58
202939	BASORTRAY 58
202941	BASORTRAY 58
202950	BASORTRAY 58
202952	BASORTRAY 58
202953	BASORTRAY 58
202954	BASORTRAY 58
202956	BASORTRAY 58
203186	BASORTRAY 53
203187	BASORTRAY 53
203188	BASORTRAY 60
203189	BASORTRAY 60
203207	BASORTRAY 55
203218	BASORTRAY 47
203219	BASORTRAY 48
203226	BASORTRAY 29
203229	BASORTRAY 29
203232	BASORTRAY 29

REF.	Family / Pg.
203233	BASORTRAY 29
203235	BASORTRAY 6
203236	BASORTRAY 6
203238	BASORTRAY 6
203249	BASORTRAY 23
203250	BASORTRAY 23
203251	BASORTRAY 23
203252	BASORTRAY 23
203253	BASORTRAY 23
203263	BASORTRAY 21
203264	BASORTRAY 21
203265	BASORTRAY 21
203266	BASORTRAY 21
203268	BASORTRAV 73
203269	BASORTRAV 73
203270	BASORTRAV 73
203271	BASORTRAY 21
203333	BASORCANAL 6
203397	BASORFIX 22
203413	BASORSUPPORT 21, BASORCANAL 19
203414	BASORSUPPORT 21, BASORCANAL 19
203415	BASORSUPPORT 21, BASORCANAL 19
203418	BASORSUPPORT 21
203419	BASORSUPPORT 21
203420	BASORSUPPORT 21
203438	BASORSUPPORT 8
203450	BASORSUPPORT 8
203460	BASORSUPPORT 13, 28
203461	BASORFIX 21
203462	BASORFIX 21
203465	BASORTRAY 39, 53
203466	BASORTRAY 39
203473	BASORFIX 16
203476	BASORTRAY 28, 40,BASORFIL 19,BASORTRAV 15, 54
203477	BASORTRAY 28,BASORFIL 19,BASORTRAV 54
203478	BASORTRAY 28, 40,BASORFIL 19,BASORTRAV 54
203479	BASORTRAY 28, 40,BASORFIL 19,BASORTRAV 15, 54
203480	BASORTRAY 28, 40,BASORFIL 19,BASORTRAV 54
203481	BASORTRAY 28,BASORFIL 19,BASORTRAV 54
203482	BASORTRAY 28, 40,BASORFIL 19,BASORTRAV 54
203485	BASORSUPPORT 27
203520	BASORPLAST 15, 26
203521	BASORPLAST 25
203522	BASORPLAST 25
203523	BASORPLAST 25
203540	BASORTRAY 55
203541	BASORTRAY 55
203544	BASORTRAV 73

REF.	Family / Pg.
203545	BASORTRAV 73
203546	BASORTRAV 73
203553	BASORTRAY 44
203554	BASORTRAY 44
203559	BASORTRAY 29
203560	BASORTRAY 19
203561	BASORTRAY 19
203562	BASORTRAY 19
203563	BASORTRAY 19
203564	BASORTRAY 19
203565	BASORTRAY 23
203579	BASORTRAV 5, 51
203595	BASORTRAV 73
203596	BASORTRAV 73
203597	BASORTRAV 73
203598	BASORTRAV 73
203599	BASORTRAV 74
203600	BASORTRAV 75
203601	BASORTRAV 75
203607	BASORTRAV 76
203610	BASORCANAL 7
203614	BASORFIL 9
203616	BASORFIL 7
203617	BASORFIL 7
203618	BASORFIL 7
203619	BASORFIL 7
203622	BASORFIL 7
203623	BASORFIL 7
203624	BASORFIL 7
203625	BASORFIL 7
203626	BASORFIL 7
203629	BASORSUPPORT 15, 21
203630	BASORSUPPORT 15, 21
203633	BASORSUPPORT 11
203642	BASORTRAY 56
203645	BASORTRAY 28,BASORFIL 19
203655	BASORTRAY 53
203658	BASORTRAY 34
203659	BASORTRAY 33
203660	BASORTRAY 33
203661	BASORTRAY 33
203662	BASORTRAY 33
203663	BASORTRAY 33
203669	BASORTRAY 35
203670	BASORTRAY 35
203671	BASORTRAY 35
203672	BASORTRAY 35
203673	BASORTRAY 35
203688	BASORTRAY 37
203689	BASORTRAY 37
203690	BASORTRAY 37
203691	BASORTRAY 37
203692	BASORTRAY 37
203693	BASORTRAY 37
203698	BASORTRAY 38
203699	BASORTRAY 38
203700	BASORTRAY 38
203701	BASORTRAY 38

REF.	Family / Pg.
203702	BASORTRAY 38
203703	BASORTRAY 38
203708	BASORTRAY 34
203709	BASORTRAY 33
203710	BASORTRAY 33
203711	BASORTRAY 33
203712	BASORTRAY 33
203713	BASORTRAY 33
203714	BASORTRAY 33
203715	BASORTRAY 33
203716	BASORTRAY 34
203717	BASORTRAY 34
203724	BASORTRAY 39
203745	BASORTRAY 35
203746	BASORTRAY 35
203747	BASORTRAY 35
203748	BASORTRAY 35
203749	BASORTRAY 35
203750	BASORTRAY 35
203751	BASORTRAY 35
203752	BASORTRAY 35
203753	BASORTRAY 35
203754	BASORTRAY 35
203765	BASORTRAY 37
203766	BASORTRAY 37
203767	BASORTRAY 37
203768	BASORTRAY 37
203769	BASORTRAY 37
203770	BASORTRAY 37
203771	BASORTRAY 37
203772	BASORTRAY 37
203773	BASORTRAY 37
203774	BASORTRAY 37
203775	BASORTRAY 38
203776	BASORTRAY 38
203777	BASORTRAY 38
203778	BASORTRAY 38
203779	BASORTRAY 38
203780	BASORTRAY 38
203781	BASORTRAY 38
203782	BASORTRAY 38
203783	BASORTRAY 38
203784	BASORTRAY 38
203785	BASORTRAY 33
203786	BASORTRAY 33
203787	BASORTRAY 33
203788	BASORTRAY 33
203789	BASORTRAY 33
203790	BASORTRAY 33
203791	BASORTRAY 33
203792	BASORTRAY 34
203793	BASORTRAY 34
203800	BASORTRAY 40
203801	BASORTRAY 39
203811	BASORTRAY 35
203812	BASORTRAY 35
203813	BASORTRAY 35
203814	BASORTRAY 35

REF.	Family / Pg.
203815	BASORTRAY 35
203816	BASORTRAY 35
203817	BASORTRAY 35
203818	BASORTRAY 35
203819	BASORTRAY 35
203829	BASORTRAY 37
203830	BASORTRAY 37
203831	BASORTRAY 37
203832	BASORTRAY 37
203833	BASORTRAY 37
203834	BASORTRAY 37
203835	BASORTRAY 37
203836	BASORTRAY 37
203837	BASORTRAY 37
203838	BASORTRAY 38
203839	BASORTRAY 38
203840	BASORTRAY 38
203841	BASORTRAY 38
203842	BASORTRAY 38
203843	BASORTRAY 38
203844	BASORTRAY 38
203845	BASORTRAY 38
203846	BASORTRAY 38
203847	BASORTRAY 34
203848	BASORTRAY 33
203849	BASORTRAY 33
203850	BASORTRAY 33
203851	BASORTRAY 33
203852	BASORTRAY 33
203863	BASORTRAY 35
203864	BASORTRAY 35
203865	BASORTRAY 35
203866	BASORTRAY 35
203867	BASORTRAY 35
203868	BASORTRAY 35
203883	BASORTRAY 37
203884	BASORTRAY 37
203885	BASORTRAY 37
203886	BASORTRAY 37
203887	BASORTRAY 37
203888	BASORTRAY 37
203893	BASORTRAY 38
203894	BASORTRAY 38
203895	BASORTRAY 38
203896	BASORTRAY 38
203897	BASORTRAY 38
203898	BASORTRAY 38
203903	BASORTRAY 34
203904	BASORTRAY 33
203905	BASORTRAY 33
203906	BASORTRAY 33
203907	BASORTRAY 33
203908	BASORTRAY 33
203909	BASORTRAY 33
203910	BASORTRAY 33
203911	BASORTRAY 34
203912	BASORTRAY 34
203919	BASORTRAY 39

REF.	Family / Pg.
203940	BASORTRAY 35
203941	BASORTRAY 35
203942	BASORTRAY 35
203943	BASORTRAY 35
203944	BASORTRAY 35
203945	BASORTRAY 35
203946	BASORTRAY 35
203947	BASORTRAY 35
203948	BASORTRAY 35
203949	BASORTRAY 35
203960	BASORTRAY 37
203961	BASORTRAY 37
203962	BASORTRAY 37
203963	BASORTRAY 37
203964	BASORTRAY 37
203965	BASORTRAY 37
203966	BASORTRAY 37
203967	BASORTRAY 37
203968	BASORTRAY 37
203969	BASORTRAY 37
203970	BASORTRAY 38
203971	BASORTRAY 38
203972	BASORTRAY 38
203973	BASORTRAY 38
203974	BASORTRAY 38
203975	BASORTRAY 38
203976	BASORTRAY 38
203977	BASORTRAY 38
203978	BASORTRAY 38
203979	BASORTRAY 38
203980	BASORTRAY 33
203981	BASORTRAY 33
203982	BASORTRAY 33
203983	BASORTRAY 33
203984	BASORTRAY 33
203985	BASORTRAY 33
203986	BASORTRAY 33
203987	BASORTRAY 34
203988	BASORTRAY 34
203995	BASORTRAY 40
203996	BASORTRAY 39
203998	BASORTRAY 39
203999	BASORTRAY 39
204000	BASORTRAY 39
204001	BASORTRAY 39
204002	BASORTRAY 39
204006	BASORTRAY 35
204007	BASORTRAY 35
204008	BASORTRAY 35
204009	BASORTRAY 35
204010	BASORTRAY 35
204011	BASORTRAY 35
204012	BASORTRAY 35
204013	BASORTRAY 35
204014	BASORTRAY 35
204024	BASORTRAY 37
204025	BASORTRAY 37
204026	BASORTRAY 37

REF.	Family / Pg.
204027	BASORTRAY 37
204028	BASORTRAY 37
204029	BASORTRAY 37
204030	BASORTRAY 37
204031	BASORTRAY 37
204032	BASORTRAY 37
204033	BASORTRAY 38
204034	BASORTRAY 38
204035	BASORTRAY 38
204036	BASORTRAY 38
204037	BASORTRAY 38
204038	BASORTRAY 38
204039	BASORTRAY 38
204040	BASORTRAY 38
204041	BASORTRAY 38
204203	BASORCANAL 7
204229	BASORTRAY 36
204230	BASORTRAY 36
204231	BASORTRAY 36
204232	BASORTRAY 36
204233	BASORTRAY 36
204234	BASORTRAY 36
204239	BASORTRAY 36
204240	BASORTRAY 36
204241	BASORTRAY 36
204242	BASORTRAY 36
204243	BASORTRAY 36
204244	BASORTRAY 36
204245	BASORTRAY 36
204246	BASORTRAY 36
204247	BASORTRAY 36
204248	BASORTRAY 36
204249	BASORTRAY 36
204250	BASORTRAY 36
204251	BASORTRAY 36
204252	BASORTRAY 36
204253	BASORTRAY 36
204254	BASORTRAY 36
204255	BASORTRAY 36
204256	BASORTRAY 36
204257	BASORTRAY 36
204258	BASORTRAY 36
204259	BASORTRAY 36
204260	BASORTRAY 36
204261	BASORTRAY 36
204262	BASORTRAY 36
204263	BASORTRAY 36
204268	BASORTRAY 36
204269	BASORTRAY 36
204270	BASORTRAY 36
204271	BASORTRAY 36
204272	BASORTRAY 36
204273	BASORTRAY 36
204274	BASORTRAY 36
204275	BASORTRAY 36
204276	BASORTRAY 36
204277	BASORTRAY 36
204278	BASORTRAY 36

REF.	Family / Pg.
204279	BASORTRAY 36
204280	BASORTRAY 36
204281	BASORTRAY 36
204282	BASORTRAY 36
204283	BASORTRAY 36
204284	BASORTRAY 36
204285	BASORTRAY 36
204286	BASORTRAY 36
204289	BASORTRAV 80
204291	TRUNKING 6,BASORFIX 21
204306	BASORTRAY 12
204317	BASORTRAY 11
204319	BASORTRAY 11
204321	BASORTRAY 35
204322	BASORTRAV 80
204356	BASORTRAY 7, 30, 40, 63, BASORCANAL 9
204360	BASORFIL 12
204362	BASORFIL 13
204363	BASORFIL 13
204364	BASORFIL 12
204373	BASORTRAY 11
204395	BASORPLAST 25
204396	BASORPLAST 25
204397	BASORFIL 17, BASORSUPPORT 21
204407	BASORFIL 7
204409	BASORFIL 7
204430	BASORTRAV 5, 51
204432	BASORTRAV 83
204433	BASORTRAV 83
204434	BASORTRAV 83
204439	BASORTRAY 29
204440	BASORTRAY 30
204462	BASORFIX 22
204464	BASORSUPPORT 8
204471	BASORFIX 16
204472	BASORTRAV 5, 51
204473	BASORTRAV 5, 51
204474	BASORTUB 5
204494	BASORTRAV 5, 51
204502	BASORTRAV 83
204504	BASORSUPPORT 27
204505	BASORTRAY 48
204509	BASORTRAV 5, 51
204514	BASORTRAY 56
204518	BASORSUPPORT 16
204519	BASORSUPPORT 16
204523	BASORTRAV 79
204524	BASORTRAV 79
204525	BASORTRAV 79
204530	BASORTRAV 79
204531	BASORTRAV 79
204535	BASORTRAV 79
204536	BASORTRAV 79
204537	BASORTRAV 79
204541	BASORTRAV 79
204542	BASORTRAV 79

REF.	Family / Pg.
204543	BASORTRAV 79
204548	BASORTRAV 28
204549	BASORTRAV 28
204556	BASORTRAY 17
204560	BASORTRAY 13,BASORFIL 5, 9
204561	BASORTRAY 13,BASORFIL 5, 9
204562	BASORTRAY 13,BASORFIL 5, 9
204564	BASORTRAV 84
204565	BASORTRAV 84
204566	BASORTRAV 83
204567	BASORTRAV 83
204568	BASORTRAV 83
204569	BASORTRAV 85
204570	BASORTRAV 85
204571	BASORTRAV 85
204596	BASORTRAV 28
204626	BASORTRAY 53, 56
204632	BASORTRAV 84
204633	BASORTRAV 84
204634	BASORTRAV 83
204641	BASORSUPPORT 11, 18, 23
204642	BASORSUPPORT 11
204659	BASORTRAY 44
204662	BASORTRAV 84
204663	BASORTRAV 85
204672	BASORFIX 24
204673	BASORTRAV 85
204682	BASORTRAV 85
204688	BASORTRAY 11
204690	BASORTRAV 83
204691	BASORSUPPORT 8
204693	BASORTRAV 83
204707	BASORPLAST 24
204709	BASORTRAV 79
204716	BASORTRAY 13,BASORFIL 5, 9
204723	TRUNKING 7
204723	TRUNKING 7
204724	BASORTRAY 21
204733	BASORSUPPORT 10
204734	BASORSUPPORT 10, 17, 22
204752	BASORTRAY 19
204753	BASORTRAY 19
204777	BASORTRAY 19
204778	BASORTRAY 19
204794	BASORTRAV 28
204795	BASORTRAY 11
204800	BASORPLAST 25
204838	BASORPLAST 25
204839	BASORTRAY 44
204840	BASORTRAY 44
204864	BASORTRAY 49
204865	BASORTRAY 49
204866	BASORCANAL 8
204867	BASORCANAL 7
204894	BASORTRAY 44
204898	BASORPLAST 21
204902	BASORTUB 6
204905	BASORTRAY 55

REF.	Family / Pg.
204906	BASORTRAY 55
204907	BASORTRAY 12
204908	BASORTRAY 21
204909	BASORTRAY 23
204912	TRUNKING 7
204912	TRUNKING 7
204915	BASORFIL 12
204919	BASORFIL 13
204921	BASORFIL 13
204923	BASORFIL 13
204925	BASORTRAY 30, 49, 53, 60, 63,BASORTRAV 57, 70, BASORCANAL 13
204931	BASORTRAY 13,BASORFIL 5, 9
204933	BASORTRAY 11
204937	BASORTRAV 5, 51
204938	BASORSUPPORT 10, 17, 22
204939	BASORSUPPORT 10
204953	BASORFIL 8
204954	BASORTRAV 20
204958	BASORSUPPORT 11
204959	BASORFIL 8
204960	BASORFIL 8
204961	BASORFIL 8
204964	BASORPLAST 21
204973	BASORTRAY 49
204974	BASORTRAY 49
204977	BASORTRAY 49
204978	BASORTRAY 49
204979	BASORTRAY 49
205024	BASORTRAY 21
205025	BASORTRAY 23
205028	BASORTRAY 12
205029	BASORTRAY 12
205030	BASORTRAY 11
205036	BASORPLAST 15, 26
205037	BASORPLAST 15, 26
205038	BASORPLAST 15, 26
205047	BASORTRAV 74
205055	BASORTRAY 29
205059	BASORFIL 14
205060	BASORFIL 14
205066	BASORFIL 19
205067	BASORTRAV 84
205068	BASORTRAV 85
205069	BASORTRAV 85
205070	BASORTRAV 84
205080	BASORTRAY 56
205081	BASORTRAY 56
205082	BASORTRAY 56
205086	BASORSUPPORT 10
205091	BASORPLAST 22
205092	BASORPLAST 22
205093	BASORFIL 14
205113	BASORTRAV 76
205114	BASORTRAV 73
205115	BASORTRAV 75
205116	BASORTRAV 74

REF.	Family / Pg.
205123	BASORTRAY 13,BASORFIL 5, 9
205125	BASORPLAST 25
205138	BASORTRAY 28, 40, BASORFIL 19
205157	BASORTRAY 21
205158	BASORTRAY 23
205163	BASORTRAV 74
205184	BASORCANAL 11
205185	BASORCANAL 12
205186	BASORCANAL 12
205188	BASORPLAST 23
205189	BASORPLAST 23
205190	BASORPLAST 23
205191	BASORPLAST 23
205192	BASORPLAST 24
205193	BASORPLAST 24
205194	BASORPLAST 23
205195	BASORPLAST 23
205196	BASORTRAY 12
205197	BASORTRAY 12
205198	BASORPLAST 23
205199	BASORPLAST 23
205200	BASORPLAST 23
205201	BASORPLAST 23
205202	BASORPLAST 24
205203	BASORPLAST 24
205204	BASORPLAST 24
205205	BASORPLAST 24
205206	BASORTUB 5
205207	BASORPLAST 24
205208	BASORPLAST 24
205209	BASORPLAST 24
205210	BASORPLAST 24
205211	BASORPLAST 24
205212	BASORPLAST 24
205213	BASORPLAST 24
205214	BASORPLAST 24
205215	BASORPLAST 24
205216	BASORPLAST 24
205217	BASORPLAST 24
205218	BASORPLAST 24
205219	BASORPLAST 25
205220	BASORPLAST 25
205221	BASORPLAST 25
205222	BASORTRAV 6
205223	BASORTRAV 6
205224	BASORTRAV 6
205225	BASORTRAV 6
205226	BASORTRAV 6
205227	BASORTRAV 6
205228	BASORTRAV 6
205298	BASORTRAY 29
205317	BASORTRAY 19
205357	BASORTRAY 13,BASORFIL 5, 9
205358	BASORFIL 12
205392	BASORTRAV 16, 57, 81, 108, 109
205399	FIBERTRAV 25

REF.	Family / Pg.
205496	BASORTRAV 73
205497	BASORTRAV 74
205498	BASORTRAV 74
205505	FIBERTRAV 25
205506	FIBERTRAV 25
205513	BASORTRAY 48
205523	BASORTRAV 76
205525	BASORSUPPORT 9
205534	TRUNKING 6
205535	BASORFIX 22
205539	BASORFIX 23
205543	BASORFIX 15
205545	BASORFIX 23
205573	BASORFIX 5
205574	BASORFIX 7
205590	BASORFIL 17, BASORSUPPORT 21
205594	BASORFIL 9
205598	BASORTRAV 74
205599	BASORTRAV 75
205602	BASORFIL 18, BASORSUPPORT 21
205608	BASORTRAV 74
205611	BASORTRAV 74
205618	BASORTRAV 83
205621	BASORSUPPORT 11, 18, 23
205622	BASORFIX 7
205624	BASORTRAV 76,BASORFIX 21
205627	BASORSUPPORT 18, BASORFIX 14
205634	BASORTRAV 75
205635	BASORTRAV 75
205636	BASORTRAV 75
205637	BASORTRAV 75
205641	BASORTRAV 86
205642	BASORTRAV 86
205646	BASORTRAY 60
205648	BASORTRAV 73
205649	BASORTRAV 73
205650	BASORTRAV 73
205651	BASORTRAV 74
205652	BASORTRAV 74
205653	BASORTRAV 74
205654	BASORTRAV 75
205655	BASORTRAV 75
205656	BASORFIX 16
205692	BASORTRAY 49
205701	BASORSUPPORT 27
205708	BASORTRAV 84
205709	BASORTRAV 85
205719	BASORSUPPORT 15, 21
205720	BASORSUPPORT 15, 21
205724	BASORFIL 15
205725	BASORTRAY 60
205740	BASORTRAY 30
205757	BASORTRAY 56
205791	BASORTRAY 44
205801	BASORTRAV 83

REF.	Family / Pg.
205802	BASORTRAV 83
205803	BASORTRAV 83
205804	BASORTRAV 84
205805	BASORTRAV 84
205806	BASORTRAV 84
205807	BASORTRAV 84
205808	BASORTRAV 84
205809	BASORTRAV 84
205810	BASORTRAV 84
205811	BASORTRAV 85
205812	BASORTRAV 85
205813	BASORTRAV 85
205814	BASORTRAV 85
205821	BASORTRAV 85
205822	BASORTRAV 85
205823	BASORTRAV 85
205824	BASORTRAV 85
205825	BASORTRAV 85
205826	BASORTRAV 85
205834	BASORFIL 16
205835	BASORPLAST 8
205836	BASORTRAV 74
205837	BASORTRAV 74
205838	BASORTRAV 74
205840	BASORTRAV 74
205841	BASORTRAV 74
205842	BASORTRAV 75
205843	BASORTRAV 75
205852	BASORTRAV 73
205853	BASORTRAV 73
205854	BASORTRAV 76
205855	BASORTRAV 76
205881	BASORSUPPORT 12
205906	BASORFIL 17
205907	BASORCANAL 8
205908	BASORCANAL 5
205931	BASORCANAL 8
205941	BASORSUPPORT 15, 21
205953	BASORSUPPORT 11
205960	BASORTRAV 79
205965	BASORTRAY 48
205966	BASORTRAY 48
205967	BASORTRAY 48
205968	BASORTRAY 48
205977	BASORTRAY 47
206008	BASORTRAY 18
206009	BASORTRAY 18
206010	BASORTRAY 18
206012	BASORTRAY 18
206021	BASORCANAL 11
206022	BASORCANAL 12
206023	BASORCANAL 12
206024	BASORTRAV 80
206043	BASORFIL 8
206044	BASORFIL 9
206056	BASORSUPPORT 19, 29
206057	BASORSUPPORT 12, 30
206058	BASORSUPPORT 12, 30

REF.	Family / Pg.
206059	BASORTRAV 20
206060	BASORTRAV 20
206061	BASORTRAV 20
206062	BASORTRAV 20
206180	BASORTRAY 19
206199	BASORTRAY 18
206207	BASORTRAV 79
206209	BASORTRAY 29
206212	BASORTRAV 83
206213	BASORTRAV 83
206215	BASORTRAV 20
206216	BASORTRAV 20
206217	BASORFIL 12
206219	BASORFIL 12
206221	BASORTRAV 83
206239	BASORTRAV 20
206240	BASORSUPPORT 8, 15
206249	BASORTRAV 20
206250	BASORSUPPORT 11
206251	BASORSUPPORT 11
206254	BASORTRAV 79
206258	BASORFIX 24
206259	BASORSUPPORT 12, 30
206261	BASORTRAY 56
206266	BASORTRAY 57
206267	BASORTRAY 57
206268	BASORTRAY 57
206270	BASORTRAY 58
206271	BASORSUPPORT 12, 30
206272	BASORSUPPORT 11, 18, 23
206273	BASORSUPPORT 11, 18, 23
206274	BASORSUPPORT 11, 18, 23
206275	BASORSUPPORT 12, 30
206276	BASORSUPPORT 12, 30
206277	BASORSUPPORT 12, 30
206280	BASORSUPPORT 15, 21
206285	BASORSUPPORT 15
206286	BASORSUPPORT 15
206287	BASORSUPPORT 15
206288	BASORSUPPORT 15
206289	BASORSUPPORT 12
206290	BASORTRAY 27
206291	BASORTRAY 27
206292	BASORTRAY 27
206293	BASORTRAY 27
206294	BASORTRAY 27
206295	BASORTRAY 27
206296	BASORTRAY 27
206297	BASORTRAY 27
206298	BASORTRAY 27
206299	BASORTRAY 27
206300	BASORTRAY 27
206301	BASORTRAY 27
206302	BASORTRAY 27
206303	BASORTRAY 27
206304	BASORTRAY 27
206305	BASORTRAY 27
206311	BASORFIX 9

REF.	Family / Pg.
206312	BASORFIX 9
206313	BASORFIX 10
206314	BASORFIX 10
206315	BASORFIX 11
206316	BASORFIX 11
206317	BASORFIX 11
206318	BASORSUPPORT 8, 15
206320	BASORSUPPORT 30
206323	BASORFIX 22
206327	BASORTRAY 29
206332	BASORFIX 14
206338	BASORTRAY 48
206340	BASORSUPPORT 11
206342	BASORSUPPORT 12, 30
206343	BASORFIL 17
206344	BASORTRAV 79
206345	BASORSUPPORT 12
206346	BASORSUPPORT 12, 19
206347	BASORSUPPORT 12, 19
206348	BASORSUPPORT 12, 19
206349	BASORSUPPORT 12, 19
206350	BASORSUPPORT 12, 19, 29
206352	BASORTRAV 83
206353	BASORTRAV 85
206354	BASORTRAV 84
206355	BASORTRAV 84
206357	BASORPLAST 22
206360	BASORCANAL 11
206365	BASORFIX 4
206366	BASORFIX 4
206372	BASORSUPPORT 8
206373	BASORSUPPORT 8
206374	BASORSUPPORT 8
206375	BASORSUPPORT 8
206376	BASORSUPPORT 8
206377	BASORSUPPORT 8
206378	BASORSUPPORT 8
206379	BASORSUPPORT 8
206380	BASORSUPPORT 8
206381	BASORSUPPORT 8
206382	BASORSUPPORT 8
206383	BASORSUPPORT 8
206384	BASORSUPPORT 8
206385	BASORSUPPORT 8
206407	BASORFIL 7
206415	BASORFIX 16
206416	BASORTRAY 29
206419	BASORFIX 24
206420	BASORFIX 24
206421	BASORTRAY 18
206422	BASORTRAY 18
206423	BASORTRAY 18
206424	BASORTRAY 18
206428	BASORTRAY 56
206435	BASORPLAST 8
206437	BASORTRAV 59
206439	BASORTRAV 59
206445	BASORTRAV 69

REF.	Family / Pg.
206447	BASORTRAV 69
206449	BASORTRAV 69
206451	BASORFIL 17
206452	BASORFIL 17
206453	BASORTUB 8
206454	BASORTUB 8
206455	BASORTUB 8
206456	BASORTUB 8
206457	BASORTUB 8
206458	BASORTUB 8
206459	BASORTUB 8
206460	BASORTUB 9
206461	BASORTUB 9
206462	BASORTUB 9
206463	BASORTUB 9
206464	BASORTUB 9
206465	BASORTUB 9
206466	BASORTUB 9
206468	BASORFIX 24
206469	BASORFIX 24
206471	BASORFIX 8
206472	BASORSUPPORT 29, BASORFIX 7
206473	BASORFIX 8
206474	BASORFIX 9
206475	BASORFIX 8
206477	BASORFIX 9
206478	TRUNKING 5
206495	BASORSUPPORT 10
206502	BASORFIX 22
206503	BASORTRAY 21
206513	TRUNKING 6
206516	BASORFIL 7
206517	BASORFLEX 4
206518	BASORFLEX 4
206519	BASORFLEX 4
206520	BASORFLEX 4
206521	BASORFLEX 4
206522	BASORFLEX 4
206523	BASORFLEX 4
206524	BASORFLEX 4
206525	BASORFLEX 4
206526	BASORFLEX 4
206527	BASORFLEX 4
206528	BASORFLEX 4
206529	BASORFLEX 4
206530	BASORFLEX 4
206531	BASORFLEX 4
206532	BASORFLEX 4
206533	BASORFLEX 4
206534	BASORFLEX 4
206597	BASORFLEX 5
206598	BASORFLEX 5
206599	BASORFLEX 5
206600	BASORFLEX 5
206601	BASORFLEX 5
206602	BASORFLEX 5
206603	BASORFLEX 5

REF.	Family / Pg.
206604	BASORFLEX 5
206605	BASORFLEX 5
206606	BASORFLEX 5
206607	BASORFLEX 5
206608	BASORFLEX 5
206609	BASORFLEX 5
206610	BASORFLEX 5
206611	BASORFLEX 5
206612	BASORFLEX 5
206613	BASORFLEX 5
206614	BASORFLEX 5
206615	BASORFLEX 5
206616	BASORFLEX 5
206617	BASORFLEX 5
206618	BASORFLEX 5
206619	BASORFLEX 5
206620	BASORFLEX 5
206621	BASORFLEX 5
206622	BASORFLEX 5
206623	BASORFLEX 5
206624	BASORFLEX 5
206625	BASORFLEX 5
206626	BASORFLEX 5
206627	BASORFLEX 5
206628	BASORFLEX 5
206629	BASORFLEX 5
206630	BASORFLEX 5
206631	BASORFLEX 5
206632	BASORFLEX 5
206633	BASORFLEX 5
206634	BASORFLEX 5
206635	BASORFLEX 5
206636	BASORFLEX 5
206637	BASORFLEX 5
206638	BASORFLEX 5
206639	BASORFLEX 5
206640	BASORFLEX 5
206641	BASORFLEX 5
206642	BASORFLEX 5
206643	BASORFLEX 5
206644	BASORFLEX 5
206645	BASORFLEX 5
206646	BASORFLEX 5
206647	BASORFLEX 5
206648	BASORFLEX 5
206649	BASORFLEX 5
206650	BASORFLEX 5
206651	BASORFLEX 5
206652	BASORFLEX 5
206653	BASORFLEX 5
206654	BASORFLEX 5
206655	BASORFLEX 5
206656	BASORFLEX 5
206657	BASORFLEX 5
206658	BASORFLEX 5
206659	BASORFLEX 5
206660	BASORFLEX 5
206661	BASORFLEX 6

REF.	Family / Pg.
206662	BASORFLEX 6
206663	BASORFLEX 6
206664	BASORFLEX 6
206665	BASORFLEX 6
206666	BASORFLEX 6
206667	BASORFLEX 6
206668	BASORFLEX 6
206669	BASORFLEX 6
206670	BASORFLEX 6
206671	BASORFLEX 6
206672	BASORFLEX 6
206673	BASORFLEX 6
206674	BASORFLEX 6
206675	BASORFLEX 6
206676	BASORFLEX 6
206677	BASORFLEX 6
206678	BASORFLEX 6
206679	BASORFLEX 6
206680	BASORFLEX 6
206681	BASORFLEX 6
206682	BASORFLEX 6
206683	BASORFLEX 6
206684	BASORFLEX 6
206685	BASORFLEX 6
206686	BASORFLEX 6
206687	BASORFLEX 6
206688	BASORFLEX 6
206689	BASORFLEX 6
206690	BASORFLEX 6
206691	BASORFLEX 6
206692	BASORFLEX 6
206693	BASORFLEX 6
206694	BASORFLEX 6
206695	BASORFLEX 6
206696	BASORFLEX 6
206697	BASORFLEX 6
206698	BASORFLEX 6
206732	BASORTUB 9
206733	BASORTUB 9
206734	BASORTUB 9
206735	BASORTUB 9
206736	BASORTUB 9
206737	BASORTUB 9
206738	BASORTUB 9
206739	BASORTUB 9
206740	BASORTUB 9
206741	BASORTUB 9
206742	BASORTUB 9
206743	BASORTUB 9
206744	BASORTUB 9
206746	BASORTUB 10
206747	BASORTUB 10
206748	BASORTUB 10
206749	BASORTUB 10
206750	BASORTUB 10
206751	BASORTUB 10
206753	BASORTUB 10
206754	BASORTUB 10

REF.	Family / Pg.
206755	BASORTUB 10
206756	BASORTUB 10
206757	BASORTUB 10
206758	BASORTUB 10
206760	BASORTUB 10
206761	BASORTUB 10
206762	BASORCANAL 11
206775	TRUNKING 5
206777	TRUNKING 5
206778	TRUNKING 5
206779	BASORPLAST 28
206780	BASORPLAST 28
206781	BASORPLAST 28
206782	BASORPLAST 28
206784	BASORSUPPORT 26
206785	BASORSUPPORT 26
206786	BASORSUPPORT 27
206787	BASORSUPPORT 27
206788	TRUNKING 5
206789	TRUNKING 5
206790	TRUNKING 5
206792	BASORTRAV 16, 57, 108, 109
206793	BASORSUPPORT 26
206794	BASORFIX 26
206795	BASORFIX 26
206796	BASORFIX 25
206797	BASORFIX 25
206799	BASORTRAV 14
206800	BASORTRAV 14
206801	BASORTRAV 14
206802	BASORTRAV 14
206803	BASORTRAV 56
206804	BASORTRAV 56
206805	BASORTRAV 56
206806	BASORTRAV 56
206807	BASORTRAV 56
206808	BASORTRAV 56
206809	BASORTRAV 56
206810	BASORTRAV 56
206811	BASORTUB 10,BASORFIX 13
206812	BASORTUB 10,BASORFIX 13
206813	BASORTUB 10,BASORFIX 13
206814	BASORTUB 10,BASORFIX 13
206815	BASORTUB 10,BASORFIX 13
206817	BASORTRAY 23
206818	BASORCANAL 9
206819	BASORTUB 9
206820	BASORTUB 9
206821	BASORTUB 9
206822	BASORTUB 9
206823	BASORTUB 9
206824	BASORTUB 9
206826	BASORTRAY 7, 30, 40, 49, 53, BASORTRAV 57, 70
206828	BASORSUPPORT 12
206852	BASORFIX 22
206854	BASORTRAV 19
206855	BASORTRAV 19
206856	BASORTRAV 19
206857	BASORTRAV 19
206858	BASORTRAV 19
206859	BASORTRAV 19
206860	BASORTRAV 19
206861	BASORTRAV 19
206862	BASORTRAV 19
206863	BASORTRAV 19
206864	BASORTRAV 19
206865	BASORTRAV 19
206866	BASORSUPPORT 9
206867	BASORSUPPORT 9
206868	BASORSUPPORT 9
206869	BASORSUPPORT 9
206870	BASORSUPPORT 9
206871	BASORSUPPORT 9
206872	BASORSUPPORT 9
206880	BASORTRAV 24
206881	BASORTRAV 24
206882	BASORTRAV 24
206883	BASORTRAV 24
206884	BASORTRAV 24
206885	BASORTRAV 24
206886	BASORTRAV 24
206887	BASORTRAV 24
206888	BASORTRAV 24
206889	BASORTRAV 24
206890	BASORTRAV 24
206891	BASORTRAV 24
206892	BASORTRAV 28
206893	BASORTRAV 28
206894	BASORTRAV 28
206895	BASORTRAV 28
206896	BASORTRAV 28
206897	BASORTRAV 28
206898	BASORTRAV 28
206899	BASORTRAV 28
206900	BASORTRAV 28
206901	BASORTRAV 28
206902	BASORTRAV 28
206903	BASORTRAV 28
206904	BASORTRAV 32
206905	BASORTRAV 32
206906	BASORTRAV 32
206907	BASORTRAV 32
206908	BASORTRAV 32
206909	BASORTRAV 32
206910	BASORTRAV 32
206911	BASORTRAV 32
206912	BASORTRAV 32
206913	BASORTRAV 32
206914	BASORTRAV 32
206915	BASORTRAV 32
206916	BASORTRAV 35
206917	BASORTRAV 35
206918	BASORTRAV 35
206919	BASORTRAV 35
206920	BASORTRAV 35
206921	BASORTRAV 35
206922	BASORTRAV 35
206923	BASORTRAV 35
206924	BASORTRAV 35
206925	BASORTRAV 35
206926	BASORTRAV 35
206927	BASORTRAV 35
206928	BASORTRAV 36
206929	BASORTRAV 36
206930	BASORTRAV 36
206931	BASORTRAV 36
206932	BASORTRAV 36
206933	BASORTRAV 36
206934	BASORTRAV 36
206935	BASORTRAV 36
206936	BASORTRAV 36
206937	BASORTRAV 36
206938	BASORTRAV 36
206939	BASORTRAV 36
206940	BASORTRAV 55
206941	BASORTRAV 55
206942	BASORTRAV 55
206943	BASORTRAV 55
206944	BASORTRAV 55
206945	BASORTRAV 55
206947	BASORSUPPORT 19, 29
206948	BASORFIX 12
206950	BASORTRAY 6
206951	BASORTRAY 6
206952	BASORTRAY 6
206954	BASORTRAV 56
206955	BASORTRAV 56
206956	BASORTRAV 56
206957	BASORTRAV 56
206958	BASORTRAV 56
206959	BASORTRAV 56
206960	BASORTRAV 56
206961	BASORTRAV 56
206962	BASORTRAV 64
206964	BASORTRAV 64
206968	BASORTRAV 65
206970	BASORTRAV 65
206974	BASORTRAV 66
206976	BASORTRAV 66
206980	BASORTRAV 67
206982	BASORTRAV 67
206986	BASORTRAV 68
206988	BASORTRAV 68
206992	BASORTRAV 20
206995	BASORTUB 11
206996	BASORTUB 11
206997	BASORTUB 11
206998	BASORTUB 11
206999	BASORTUB 11
207000	BASORTUB 11
207003	BASORTRAV 20
207004	BASORTRAV 20
207005	BASORTRAV 20
207006	BASORTRAV 20
207007	BASORCANAL 11
207008	BASORCANAL 11
207009	BASORCANAL 11
207010	BASORCANAL 11
207011	BASORFIX 12
207018	BASORTRAY 30,BASORFIL 14
207020	BASORFIX 7
207021	BASORFIX 23
207022	BASORFIX 23
207023	BASORFIX 23
207024	BASORTRAV 20
207025	BASORTRAV 20
207026	BASORTRAV 20
207027	BASORTRAV 20
207028	BASORTRAV 20
207029	BASORTRAV 20
207030	BASORTRAV 20
207031	BASORTRAV 20
207032	BASORTRAV 20
207033	BASORTRAV 20
207034	BASORTRAV 20
207035	BASORTRAV 20
207036	BASORTRAV 30
207037	BASORTRAV 30
207038	BASORTRAV 34
207039	BASORTRAV 34
207040	BASORCANAL 11
207041	BASORCANAL 11
207042	BASORCANAL 11
207043	BASORCANAL 11
207044	BASORCANAL 11
207045	BASORCANAL 12
207046	BASORCANAL 12
207047	BASORCANAL 12
207048	BASORCANAL 12
207049	BASORCANAL 12
207050	BASORCANAL 12
207051	BASORCANAL 12
207052	BASORSUPPORT 30
207053	BASORCANAL 12
207054	BASORTRAV 14, 53, 73
207058	BASORSUPPORT 29, BASORFIX 7
207059	BASORTRAY 9, 18
207060	BASORTRAY 9, 18
207061	BASORTRAY 9, 18
207062	BASORTRAY 9, 18
207063	BASORPLAST 22
207064	BASORPLAST 22
207065	BASORPLAST 22
207066	BASORPLAST 22
207067	BASORPLAST 22
207068	BASORPLAST 22
207069	BASORPLAST 22
207070	BASORSUPPORT 26
207071	BASORSUPPORT 26
207073	BASORFIX 20

REF.	Family / Pg.
207074	BASORSUPPORT 26
207077	BASORCANAL 12
207078	BASORCANAL 12
207082	BASORFIX 14
207103	BASORTRAY 20
207104	BASORTRAY 20
207105	BASORTRAY 20
207106	BASORTRAY 20
207107	BASORTRAY 20
207108	BASORTRAY 20
207109	BASORTRAY 20
207110	BASORTRAY 20
207111	BASORTRAY 22
207112	BASORTRAY 22
207113	BASORTRAY 22
207114	BASORTRAY 22
207115	BASORTRAY 22
207116	BASORTRAY 22
207117	BASORTRAY 22
207118	BASORTRAY 22
207119	BASORTRAY 24
207120	BASORTRAY 24
207121	BASORTRAY 24
207122	BASORTRAY 24
207123	BASORTRAY 24
207124	BASORTRAY 24
207125	BASORTRAY 24
207126	BASORTRAY 24
207127	BASORFIX 10
207132	BASORFIL 13
207133	BASORTRAV 77
207134	BASORPLAST 28
207135	BASORPLAST 28
207142	BASORSUPPORT 16, 22
207143	BASORSUPPORT 16, 22
207144	BASORSUPPORT 16, 22
207145	BASORPLAST 31
207146	BASORPLAST 31
207147	BASORPLAST 31
207148	BASORPLAST 31
207149	BASORPLAST 31
207150	BASORPLAST 31
207151	BASORPLAST 31
207152	BASORPLAST 31
207153	BASORPLAST 31
207154	BASORPLAST 31
207155	BASORPLAST 31
207156	BASORPLAST 31
207157	BASORPLAST 31
207158	BASORPLAST 31
207159	BASORPLAST 31
207160	BASORPLAST 31
207162	BASORPLAST 31
207163	BASORPLAST 31
207164	BASORPLAST 31
207165	BASORPLAST 31
207166	BASORPLAST 31
207167	BASORPLAST 31

REF.	Family / Pg.
207168	BASORPLAST 31
207169	BASORPLAST 31
207170	BASORPLAST 31
207171	BASORPLAST 31
207172	BASORPLAST 31
207173	BASORPLAST 31
207174	BASORPLAST 31
207175	BASORPLAST 31
207176	BASORPLAST 31
207177	BASORPLAST 31
207178	BASORPLAST 31
207179	BASORPLAST 31
207201	BASORPLAST 7
207203	BASORPLAST 29
207204	BASORTRAY 30
207205	BASORTRAY 30
207206	BASORTRAY 30
207207	BASORTRAY 30
207208	BASORTRAY 30
207209	BASORTRAY 30
207210	BASORTRAY 30
207211	BASORSUPPORT 12
207213	BASORCANAL 12
207214	BASORFIX 17
207215	BASORSUPPORT 12
207216	BASORCANAL 12
207217	BASORTUB 8
207218	BASORTUB 8
207219	BASORTUB 8
207220	BASORTUB 8
207221	BASORTUB 8
207222	BASORTUB 8
207223	BASORTUB 8
207224	BASORFIL 19
207225	BASORCANAL 12
207227	BASORFIX 17
207228	BASORPLAST 17, 29
207230	BASORSUPPORT 8
207231	BASORSUPPORT 8
207232	BASORSUPPORT 8
207233	BASORSUPPORT 8
207234	BASORSUPPORT 15
207235	BASORSUPPORT 15
207236	BASORSUPPORT 15
207237	BASORSUPPORT 15
207238	BASORSUPPORT 15
207239	BASORSUPPORT 8
207240	BASORSUPPORT 8
207241	BASORSUPPORT 8
207242	BASORSUPPORT 8
207243	BASORSUPPORT 15
207244	BASORSUPPORT 15
207245	BASORSUPPORT 15
207246	BASORSUPPORT 15
207247	BASORSUPPORT 15
207248	BASORFIL 5
207249	BASORFIL 5
207250	BASORFIL 5

REF.	Family / Pg.
207251	BASORFIL 5
207256	BASORFIL 17
207257	BASORPLAST 31
207258	BASORPLAST 31
207259	BASORPLAST 31
207260	BASORPLAST 31
207261	BASORPLAST 31
207262	BASORPLAST 31
207263	BASORPLAST 31
207264	BASORSUPPORT 13, 28
207265	BASORSUPPORT 13, 28
207266	BASORSUPPORT 13, 28
207267	BASORSUPPORT 13, 28
207268	BASORSUPPORT 13, 28
207269	BASORSUPPORT 27
207270	BASORSUPPORT 27
207271	BASORFIL 12
207272	BASORFIL 12
207273	BASORTRAY 15
207274	BASORTRAY 15
207275	BASORTRAY 15
207276	BASORTRAY 15
207277	BASORTRAY 15
207278	BASORTRAY 15
207279	BASORTRAY 15
207280	BASORSUPPORT 16
207281	BASORSUPPORT 27
207282	BASORFIX 18
207283	BASORFIX 18
207284	BASORFIX 18
207285	BASORFIX 18
207286	BASORFIX 18
207287	BASORFIX 18
207288	BASORFIX 18
207289	BASORFIX 18
207290	BASORFIX 18
207291	BASORFIX 18
207292	BASORFIX 18
207293	BASORFIX 18
207294	BASORFIX 18
207295	BASORFIX 18
207296	BASORFIX 18
207297	BASORSUPPORT 26
207300	BASORPLAST 31
207301	BASORPLAST 31
207302	BASORPLAST 31
207303	BASORPLAST 31
207304	BASORFIL 18
207305	BASORFIL 11
207306	BASORFIL 11
207307	BASORFIL 11
207308	BASORFIL 11
207309	BASORFIL 11
207310	BASORFIL 11
207311	BASORFIL 11
207312	BASORFIL 11
207313	BASORFIL 11
207314	BASORFIL 11

REF.	Family / Pg.
207315	BASORFIL 11
207316	BASORFIL 11
207319	BASORTRAY 49
207320	BASORTRAY 49
207321	BASORTRAY 49
207322	BASORTRAY 49
207323	BASORTRAY 49
207324	BASORTRAY 49
207325	BASORSUPPORT 10, 18
207326	BASORFIL 11
207327	BASORFIL 11
207328	BASORFIL 11
207329	BASORFIL 11
207330	BASORFIL 11
207331	BASORFIL 11
207332	BASORFIL 11
207333	BASORFIL 11
207334	BASORFIL 11
207335	BASORFIL 11
207336	BASORFIL 11
207337	BASORFIL 11
207338	BASORTUB 5
207339	BASORTUB 5
207340	BASORTUB 5
207341	BASORTUB 5
207342	BASORTUB 5
207343	BASORTUB 5
207344	BASORTUB 5
207345	BASORTUB 5
207346	BASORTUB 5
207347	BASORTUB 5
207348	BASORTUB 5
207349	BASORTUB 5
207350	BASORTUB 5
207351	BASORTUB 5
207352	BASORFIX 19
207353	BASORFIX 19
207354	BASORFIX 19
207355	BASORFIX 19
207356	BASORFIX 19
207357	BASORFIX 19
207358	BASORFIX 19
207359	BASORFIX 19
207360	BASORFIX 19
207361	BASORFIX 19
207362	BASORFIX 19
207363	BASORFIX 19
207364	BASORFIX 19
207365	BASORFIX 19
207366	BASORFIX 19
207367	BASORFIX 19
207368	BASORFIX 19
207369	BASORFIX 19
207370	BASORFIX 19
207371	BASORFIX 19
207379	BASORTUB 6
207380	BASORTUB 6
207381	BASORTUB 6

REF.	Family / Pg.
207382	BASORTUB 6
207383	BASORTUB 6
207384	BASORTUB 6
207385	BASORTUB 6
207388	BASORFIX 4
207389	BASORFIL 5
207390	BASORTRAY 19
207391	BASORTRAY 19
207392	BASORTRAY 21
207393	BASORTRAY 21
207394	BASORFIL 5
207395	BASORFIL 5
207396	BASORFIL 5
207397	BASORFIL 5
207398	BASORFIL 5
207399	BASORFIL 5
207400	BASORFIL 5
207401	BASORFIL 5
207402	BASORFIX 22
207403	BASORPLAST 28
207404	BASORPLAST 29
207408	BASORTRAY 15
207409	BASORTRAY 15
207410	BASORTRAY 15
207411	BASORTRAY 15
207412	BASORTRAY 15
207413	BASORTRAY 15
207414	BASORTRAY 15
207415	BASORFIL 7
207416	BASORFIL 7
207417	BASORFIL 7
207418	BASORFIL 7
207419	BASORFIL 8
207420	BASORFIL 8
207421	BASORFIL 8
207422	BASORFIL 8
207423	BASORFIL 8
207424	BASORFIL 8
207425	BASORFIL 8
207426	BASORFIL 8
207427	BASORFIL 8
207428	BASORFIL 8
207429	BASORFIL 8
207430	BASORFIL 8
207431	BASORFIL 8
207432	BASORTUB 10
207433	BASORTUB 10
207434	BASORTUB 10
207435	BASORTUB 10
207436	BASORFIX 16
207458	BASORTUB 7
207459	BASORTUB 7
207460	BASORTUB 7
207461	BASORTUB 7
207462	BASORTUB 7
207463	BASORTUB 7
207464	BASORTUB 7
207472	BASORTUB 6

REF.	Family / Pg.
207473	BASORTUB 6
207474	BASORTUB 6
207475	BASORTUB 6
207476	BASORTUB 6
207477	BASORTUB 6
207478	BASORTUB 6
207479	BASORTUB 6
207480	BASORTUB 6
207481	BASORTUB 6
207482	BASORTUB 6
207483	BASORTUB 6
207484	BASORTUB 6
207485	BASORTUB 6
207487	BASORSUPPORT 16
207488	BASORSUPPORT 16
207489	BASORSUPPORT 16
207490	BASORSUPPORT 8
207491	BASORSUPPORT 8
207492	BASORSUPPORT 8
207493	BASORSUPPORT 8
207494	BASORSUPPORT 15
207495	BASORSUPPORT 15
207496	BASORSUPPORT 15
207497	BASORSUPPORT 15
207498	BASORSUPPORT 15
207502	BASORFIL 5
207503	BASORFIL 5
207504	BASORFIL 5
207505	BASORFIL 5
207506	BASORFIL 5
207507	BASORFIL 5
207508	BASORFIL 5
207509	BASORFIL 5
207510	BASORFIL 5
207511	BASORFIL 5
207512	BASORFIL 5
207513	BASORFIL 5
207514	BASORTRAY 23
207515	BASORTRAY 23
207516	BASORFIL 5
207517	BASORTRAY 15
207518	BASORTRAY 15
207519	BASORTRAY 15
207520	BASORTRAY 15
207521	BASORTRAY 15
207522	BASORTRAY 15
207523	BASORTRAY 15
207524	BASORTRAY 15
207525	BASORTRAY 15
207526	BASORTRAY 15
207527	BASORTRAY 15
207528	BASORTRAY 15
207529	BASORTRAY 15
207530	BASORFIL 5
207531	BASORTUB 5
207532	BASORTUB 6
207914	BASORFIL 5
207915	BASORFIL 5

REF.	Family / Pg.
208168	BASORTRAY 28
208170	BASORTRAY 56
208189	BASORFIX 25
208190	BASORTUB 7
208191	BASORTUB 7
208192	BASORTUB 6
208193	BASORTUB 6
208194	BASORTUB 6
208195	BASORTUB 6
208198	BASORTUB 5
208199	BASORTUB 5
208200	BASORTUB 5
208201	BASORTUB 5
208202	BASORTUB 5
208203	BASORTUB 5
208204	BASORTUB 5
208205	BASORTUB 5
208206	BASORTUB 5
208207	BASORTUB 7
208208	BASORTUB 7
208209	BASORTUB 7
208210	BASORTUB 7
208211	BASORTUB 7
208212	BASORTUB 7
208213	BASORTUB 7
208214	BASORTUB 7
208215	BASORTUB 7
208216	BASORTUB 6
208217	BASORTUB 6
208218	BASORTUB 6
208219	BASORTUB 6
208220	BASORTUB 6
208221	BASORTUB 6
208222	BASORTUB 6
208223	BASORTUB 6
208224	BASORTUB 6
208225	BASORFIX 15
208226	BASORCANAL 12
208227	BASORCANAL 12
208229	BASORFIL 13
208230	BASORFIL 7
208231	BASORFIL 18
208232	BASORFIX 18
208233	BASORFIL 7
208234	BASORTRAY 5
208295	BASORTRAV 60
208296	BASORPLAST 7
208297	BASORPLAST 7
208298	BASORPLAST 7
208299	BASORPLAST 7
208300	BASORPLAST 7
208301	BASORPLAST 7
208302	BASORPLAST 7
208303	BASORPLAST 6
208304	BASORPLAST 6
208305	BASORPLAST 6
208306	BASORPLAST 6
208307	BASORPLAST 6

REF.	Family / Pg.
208308	BASORPLAST 6
208309	BASORPLAST 6
208310	BASORPLAST 6
208311	BASORPLAST 6
208312	BASORPLAST 6
208313	BASORPLAST 6
208314	BASORPLAST 6
208315	BASORPLAST 6
208316	BASORPLAST 6
208317	BASORPLAST 5
208318	BASORPLAST 5
208319	BASORPLAST 5
208320	BASORPLAST 5
208321	BASORPLAST 5
208322	BASORPLAST 5
208323	BASORPLAST 5
208324	BASORPLAST 5
208325	BASORTRAY 27
208326	BASORTRAY 27
208327	BASORTRAY 27
208328	BASORTRAY 27
208329	BASORTRAY 27
208330	BASORTRAY 27
208331	BASORTRAY 27
208332	BASORTRAY 27
208333	BASORTRAY 27
208334	BASORTRAY 27
208335	BASORTRAY 27
208336	BASORTRAY 27
208337	BASORTRAY 27
208338	BASORTRAY 27
208356	BASORTRAY 28
208357	BASORTRAY 28
208358	BASORTRAY 28
208359	BASORTRAY 28
208360	BASORTRAY 28
208361	BASORTRAY 28
208362	BASORTRAY 28
208363	BASORTRAY 28
208364	BASORTRAY 28
208365	BASORTRAY 28
208366	BASORTRAY 28
208367	BASORTRAY 28
208368	BASORTRAY 28
208369	BASORTRAY 28
208384	BASORTRAY 20
208385	BASORTRAY 20
208386	BASORTRAY 20
208387	BASORTRAY 20
208388	BASORTRAY 20
208389	BASORTRAY 20
208390	BASORTRAY 20
208391	BASORTRAY 20
208392	BASORTRAY 20
208393	BASORTRAY 20
208394	BASORTRAY 20
208395	BASORTRAY 20
208396	BASORTRAY 20

REF.	Family / Pg.
208397	BASORTRAY 20
208398	BASORTRAY 20
208399	BASORTRAY 20
208400	BASORTRAY 20
208401	BASORTRAY 20
208402	BASORTRAY 20
208403	BASORTRAY 20
208404	BASORTRAY 22
208405	BASORTRAY 22
208406	BASORTRAY 22
208407	BASORTRAY 22
208408	BASORTRAY 22
208409	BASORTRAY 22
208410	BASORTRAY 22
208411	BASORTRAY 22
208412	BASORTRAY 22
208413	BASORTRAY 22
208414	BASORTRAY 22
208415	BASORTRAY 22
208416	BASORTRAY 22
208417	BASORTRAY 22
208418	BASORTRAY 22
208419	BASORTRAY 22
208420	BASORTRAY 22
208421	BASORTRAY 22
208422	BASORTRAY 22
208423	BASORTRAY 22
208424	BASORTRAY 24
208425	BASORTRAY 24
208426	BASORTRAY 24
208427	BASORTRAY 24
208428	BASORTRAY 24
208429	BASORTRAY 24
208430	BASORTRAY 24
208431	BASORTRAY 24
208432	BASORTRAY 24
208433	BASORTRAY 24
208434	BASORTRAY 24
208435	BASORTRAY 24
208436	BASORTRAY 24
208437	BASORTRAY 24
208438	BASORTRAY 24
208439	BASORTRAY 24
208440	BASORTRAY 24
208441	BASORTRAY 24
208442	BASORTRAY 24
208443	BASORTRAY 24
208760	BASORTRAY 15
208761	BASORTRAY 15
208762	BASORTRAY 15
208763	BASORTRAY 15
208764	BASORTRAY 15
208765	BASORTRAY 15
208766	BASORTRAY 15
208767	BASORTRAY 27
208768	BASORTRAY 27
208769	BASORFIL 8
208770	BASORTRAY 15

REF.	Family / Pg.
208771	BASORTRAY 15
208772	BASORTRAY 15
208773	BASORTRAY 15
208774	BASORTRAY 15
208775	BASORTRAY 15
208776	BASORTRAY 15
208777	BASORFIL 17, BASORSUPPORT 21
208778	BASORSUPPORT 10
208779	BASORSUPPORT 10
208780	BASORSUPPORT 10
208781	BASORSUPPORT 10
208782	BASORSUPPORT 10
208783	BASORSUPPORT 10
208809	BASORFIX 21
208810	BASORFIX 21
208825	BASORTRAY 7
208826	BASORTRAY 7
208827	BASORTRAV 70
209478	BASORTUB 7,BASORFIX 13
209479	BASORTUB 7,BASORFIX 13
209480	BASORTUB 7,BASORFIX 13
209481	BASORTUB 7,BASORFIX 13
209482	BASORTUB 7,BASORFIX 13
209483	BASORTUB 7,BASORFIX 13
209484	BASORTUB 7,BASORFIX 13
209485	BASORTUB 7,BASORFIX 13
209559	BASORSUPPORT 11, 17, 23
209560	BASORSUPPORT 11, 17, 23
209561	BASORSUPPORT 11, 17, 23
209562	BASORSUPPORT 11, 17, 23
209563	BASORSUPPORT 11, 17, 23
209564	BASORSUPPORT 11, 17, 23
209565	BASORSUPPORT 11, 17, 23
209598	BASORTRAV 60
209599	BASORTRAV 60
209600	BASORTRAV 60
209601	BASORTRAV 60
209602	BASORTRAV 60
209603	BASORTRAV 60
209604	BASORTRAV 60
209605	BASORTRAV 60
209606	BASORTRAV 60
209607	BASORTRAV 60
209608	BASORTRAV 60
209609	BASORTRAV 60
209610	BASORTRAV 60
209611	BASORTRAV 60
209612	BASORTRAV 60
209613	BASORTRAV 60
209614	BASORTRAV 60
209615	BASORTRAV 60
209616	BASORTRAV 60
209617	BASORTRAV 60
209658	BASORFIL 18
209659	BASORFIL 18
209660	BASORFIL 18
209661	BASORFIL 18

REF.	Family / Pg.
209662	BASORFIL 18
209663	BASORFIL 18
209664	BASORFIL 18
209675	BASORFIL 15
209778	BASORTRAV 51
209779	BASORTRAV 51
209780	BASORTRAV 51
209781	BASORTRAV 51
209782	BASORTRAV 51
209783	BASORTRAV 51
209784	BASORTRAV 51
209785	BASORTRAV 54
209786	BASORTRAV 54
209787	BASORTRAV 53
209788	BASORTRAV 53
209789	BASORFIL 5, 11
209790	BASORFIL 5, 11
209791	BASORFIL 5, 11
209792	BASORFIL 5, 11
209793	BASORFIL 5, 11
209794	BASORFIL 5, 11
209795	BASORFIL 5, 11
209805	BASORFIX 17
209806	BASORFIX 17
209807	BASORFIL 17
209857	BASORFIL 15
209868	BASORFIL 13
209869	BASORFIL 13
209870	BASORFIL 12
209871	BASORFIL 12
209872	BASORFIL 14
209873	BASORPLAST 31
209874	BASORPLAST 31
209875	BASORPLAST 31
209876	BASORPLAST 31
209877	BASORPLAST 31
209878	BASORPLAST 31
209879	BASORPLAST 31
209882	FIBERTRAV 24
209886	BASORFIL 5, 11
209887	BASORFIL 5, 11
209888	BASORFIL 5, 11
209889	BASORFIL 5, 11
209890	BASORFIL 5, 11
209891	BASORFIL 5, 11
209892	BASORFIL 5, 11
209893	BASORTRAY 28
209894	BASORTRAY 28
209895	BASORTRAY 28
209896	BASORTRAY 28
209897	BASORTRAY 28
209898	BASORTRAY 28
209899	BASORTRAY 28
209900	BASORTRAY 28
209901	BASORTRAY 28
209903	BASORTRAY 58
209904	BASORTRAY 58
209905	BASORTRAY 58

REF.	Family / Pg.
209906	BASORTRAY 58
209907	BASORTRAY 58
209908	BASORTRAY 58
209909	BASORTRAY 58
209910	BASORTRAY 58
209911	BASORTRAY 58
209912	BASORTRAY 58
209913	BASORTRAY 58
209914	BASORTRAY 59
209915	BASORTRAY 59
209916	BASORTRAY 59
209917	BASORTRAY 59
209918	BASORTRAY 59
209919	BASORTRAY 59
209920	BASORTRAY 59
209921	BASORTRAY 59
209922	BASORTRAY 59
209923	BASORTRAY 59
209924	BASORTRAY 59
209925	BASORTRAY 59
209926	BASORTRAY 59
209927	BASORTRAY 59
209928	BASORTRAY 59
209929	BASORTRAY 59
209930	BASORTRAY 59
209931	BASORTRAY 59
209932	BASORTRAY 59
209933	BASORTRAY 59
209934	BASORTRAY 59
209935	BASORTRAY 59
209936	BASORTRAY 59
209937	BASORTRAY 59
209938	BASORTRAY 59
209939	BASORTRAY 59
209940	BASORTRAY 59
209941	BASORTRAY 59
209942	BASORTRAY 59
209943	BASORTRAY 59
209944	BASORTRAY 59
209945	BASORTRAY 59
209946	BASORTRAY 59
209947	BASORTRAY 60
209948	BASORTRAY 60
209949	BASORTRAY 60
209950	BASORTRAY 60
209951	BASORTRAY 60
209952	BASORTRAY 60
209953	BASORTRAY 60
209954	BASORTRAY 60
209955	BASORTRAY 60
209956	BASORTRAY 60
209957	BASORTRAY 60
209970	BASORTRAV 60
209971	BASORTRAV 60
209972	BASORTRAV 60
209973	BASORTRAV 60
209974	BASORTRAV 60
209975	BASORTRAV 60

REF.	Family / Pg.
209985	BASORCANAL 11
209986	BASORCANAL 11
209987	BASORCANAL 12
209988	BASORCANAL 12
209989	BASORFIL 5
209990	BASORFIL 5
210000	BASORTRAV 5, 51
210001	BASORTRAV 5, 51
210002	BASORTRAV 5, 51
210003	BASORTRAV 5, 51
210004	BASORTRAV 5, 51
210005	BASORTRAV 5, 51
210006	BASORTRAV 5, 51
210007	BASORFIL 14
210008	BASORTRAV 53
210009	BASORFIL 7
210011	BASORPLAST 17
210012	BASORPLAST 17
210013	BASORPLAST 17
210014	BASORPLAST 17
210015	BASORPLAST 17
210016	BASORPLAST 17
210017	BASORPLAST 15
210018	BASORFIX 22
210019	BASORFIX 18
210020	BASORPLAST 26
210021	BASORTRAV 16, 54
210022	BASORTRAV 16, 54
210023	BASORTRAV 16, 54
210024	BASORTRAV 16, 54
210025	BASORTRAV 16, 54
210026	BASORTRAV 16, 54
210027	BASORTRAV 16, 54
210031	BASORTRAY 18
210032	BASORTRAY 18
210033	BASORTRAY 15
210034	BASORTRAY 15
210035	BASORTRAY 15
210036	BASORTRAY 15
210037	BASORTRAY 15
210038	BASORTRAY 15
210039	BASORTRAY 15
210040	BASORTRAY 15
210049	BASORSUPPORT 12
210050	BASORPLAST 17
210051	BASORPLAST 17
210052	BASORPLAST 17
210053	BASORPLAST 17
210054	BASORPLAST 17
210055	BASORPLAST 17
210056	BASORPLAST 28
210057	BASORPLAST 28
210058	BASORPLAST 28
210059	BASORPLAST 28
210060	BASORPLAST 28
210061	BASORPLAST 28
210062	BASORPLAST 11
210063	BASORPLAST 11

REF.	Family / Pg.
210064	BASORPLAST 11
210065	BASORPLAST 11
210066	BASORPLAST 11
210067	BASORPLAST 11
210068	BASORPLAST 11
210069	BASORPLAST 11
210070	BASORPLAST 11
210071	BASORPLAST 11
210072	BASORPLAST 11
210073	BASORPLAST 11
210074	BASORPLAST 11
210075	BASORPLAST 11
210076	BASORPLAST 11
210077	BASORPLAST 11
210078	BASORPLAST 11
210079	BASORPLAST 11
210080	BASORPLAST 11
210081	BASORPLAST 11
210082	BASORPLAST 11
210083	BASORPLAST 11
210084	BASORPLAST 14
210085	BASORPLAST 14
210086	BASORTRAY 30
210087	BASORCANAL 19
210088	BASORSUPPORT 26
210089	BASORPLAST 12
210090	BASORPLAST 12
210091	BASORPLAST 12
210092	BASORPLAST 12
210093	BASORPLAST 12
210094	BASORPLAST 12
210095	BASORPLAST 12
210096	BASORPLAST 12
210097	BASORPLAST 12
210098	BASORPLAST 12
210099	BASORPLAST 12
210100	BASORPLAST 12
210101	BASORPLAST 12
210102	BASORPLAST 12
210103	BASORPLAST 12
210104	BASORPLAST 12
210105	BASORPLAST 12
210106	BASORPLAST 12
210107	BASORPLAST 12
210108	BASORPLAST 12
210109	BASORPLAST 12
210110	BASORPLAST 12
210111	BASORPLAST 13
210112	BASORPLAST 13
210113	BASORPLAST 13
210114	BASORPLAST 13
210115	BASORPLAST 13
210116	BASORPLAST 13
210117	BASORPLAST 13
210118	BASORPLAST 13
210119	BASORPLAST 13
210120	BASORPLAST 13
210121	BASORPLAST 13

REF.	Family / Pg.
210122	BASORPLAST 13
210123	BASORPLAST 13
210124	BASORPLAST 13
210125	BASORPLAST 13
210126	BASORPLAST 13
210127	BASORPLAST 13
210128	BASORPLAST 13
210129	BASORPLAST 13
210130	BASORPLAST 13
210131	BASORPLAST 13
210132	BASORPLAST 13
210133	BASORPLAST 13
210134	BASORPLAST 13
210135	BASORPLAST 14
210136	BASORPLAST 14
210137	BASORPLAST 14
210138	BASORPLAST 14
210139	BASORPLAST 14
210140	BASORPLAST 14
210141	BASORPLAST 14
210142	BASORPLAST 14
210143	BASORPLAST 14
210144	BASORPLAST 14
210145	BASORPLAST 14
210146	BASORCANAL 15
210147	BASORCANAL 15
210148	BASORCANAL 15
210149	BASORCANAL 15
210150	BASORCANAL 15
210151	BASORCANAL 15
210152	BASORCANAL 15
210153	BASORCANAL 15
210154	BASORCANAL 15
210155	BASORCANAL 15
210156	BASORCANAL 15
210157	BASORCANAL 15
210158	BASORCANAL 16
210159	BASORCANAL 16
210160	BASORCANAL 16
210161	BASORCANAL 16
210162	BASORCANAL 16
210164	BASORCANAL 16
210165	BASORCANAL 17
210166	BASORCANAL 17
210167	BASORCANAL 17
210168	BASORCANAL 17
210169	BASORCANAL 17
210170	BASORCANAL 17
210171	BASORCANAL 18
210172	BASORCANAL 18
210173	BASORCANAL 18
210174	BASORCANAL 18
210175	BASORCANAL 18
210176	BASORCANAL 18
210177	BASORCANAL 19
210179	BASORTRAV 108
210180	BASORCANAL 18
210181	BASORTRAY 5

REF.	Family / Pg.
210182	BASORTRAY 5
210183	BASORTRAY 5
210184	BASORTRAY 5
210185	BASORCANAL 15
210186	BASORCANAL 15
210187	BASORCANAL 15
210188	BASORCANAL 15
210189	BASORCANAL 15
210190	BASORCANAL 15
210191	BASORCANAL 15
210192	BASORCANAL 15
210193	BASORCANAL 15
210194	BASORCANAL 15
210195	BASORCANAL 15
210196	BASORCANAL 15
210197	BASORCANAL 16
210198	BASORCANAL 16
210199	BASORCANAL 16
210200	BASORCANAL 16
210201	BASORCANAL 16
210202	BASORCANAL 16
210203	BASORCANAL 16
210204	BASORCANAL 16
210205	BASORCANAL 16
210206	BASORCANAL 16
210207	BASORCANAL 16
210208	BASORCANAL 16
210209	BASORCANAL 16
210210	BASORCANAL 16
210211	BASORCANAL 16
210212	BASORCANAL 16
210213	BASORCANAL 16
210214	BASORCANAL 16
210215	BASORCANAL 17
210216	BASORCANAL 17
210217	BASORCANAL 17
210218	BASORCANAL 17
210219	BASORCANAL 17
210220	BASORCANAL 17
210221	BASORCANAL 17
210222	BASORCANAL 17
210223	BASORCANAL 17
210224	BASORCANAL 17
210225	BASORCANAL 17
210226	BASORCANAL 17
210227	BASORCANAL 17
210228	BASORCANAL 17
210229	BASORCANAL 17
210230	BASORCANAL 17
210231	BASORCANAL 17
210232	BASORCANAL 17
210233	BASORTRAY 9
210234	BASORTRAY 9
210235	BASORTRAY 9
210236	BASORTRAY 9
210237	BASORTRAY 9
210238	BASORTRAY 9
210239	BASORTRAY 9

REF.	Family / Pg.
210240	BASORCANAL 19
210241	BASORCANAL 19
210242	BASORCANAL 19
210243	BASORCANAL 19
210244	BASORCANAL 19
210245	BASORCANAL 19
210246	BASORFIX 19
210247	BASORFIX 19
210248	BASORFIX 19
210249	BASORFIX 19
210250	BASORFIX 19
210251	BASORFIX 19
210252	BASORFIX 19
210253	BASORFIL 19
210254	BASORFIL 19
210265	BASORCANAL 20
210266	BASORCANAL 20
210267	BASORTRAV 70
210270	BASORTRAV 63
210272	BASORTRAV 63
210273	BASORTRAV 63
210275	BASORTRAV 63
210277	BASORTRAV 63
210278	BASORTRAV 63
210282	BASORTRAY 5
210283	BASORTRAY 5
210284	BASORFIL 19
210285	BASORTRAV 59
210286	BASORTRAV 59
210287	BASORTRAV 59
210288	BASORTRAV 59
210289	BASORTRAV 59
210290	BASORTRAV 59
210291	BASORTRAV 59
210292	BASORCANAL 18
210293	BASORCANAL 18
210294	BASORCANAL 18
210295	BASORCANAL 18
210296	BASORCANAL 18
210297	BASORCANAL 18
210298	BASORCANAL 18
210299	BASORCANAL 18
210300	BASORCANAL 18
210301	BASORCANAL 18
210302	BASORCANAL 18
210303	BASORCANAL 18
210304	BASORTRAV 108
210305	BASORTRAV 89
210306	BASORTRAV 89
210307	BASORTRAV 89
210308	BASORTRAV 89
210309	BASORTRAV 89
210310	BASORTRAV 89
210311	BASORTRAV 89
210312	BASORTRAV 89
210313	BASORTRAV 89
210314	BASORTRAV 89
210315	BASORTRAV 89

REF.	Family / Pg.
210316	BASORTRAV 89
210317	BASORTRAV 89
210318	BASORTRAV 89
210319	BASORTRAV 89
210320	BASORTRAV 89
210321	BASORTRAV 89
210322	BASORTRAV 89
210323	BASORTRAV 89
210324	BASORTRAV 89
210325	BASORTRAV 89
210326	BASORTRAV 89
210327	BASORTRAV 89
210328	BASORTRAV 89
210329	BASORTRAV 89
210330	BASORTRAV 89
210331	BASORTRAV 89
210332	BASORTRAV 89
210333	BASORTRAV 89
210334	BASORTRAV 89
210335	BASORTRAV 89
210336	BASORTRAV 89
210337	BASORTRAV 89
210338	BASORTRAV 89
210339	BASORTRAV 89
210340	BASORTRAV 89
210341	BASORTRAV 89
210342	BASORTRAV 89
210343	BASORTRAV 89
210344	BASORTRAV 89
210345	BASORTRAV 89
210346	BASORTRAV 89
210347	BASORTRAV 89
210348	BASORTRAV 89
210349	BASORTRAV 89
210350	BASORTRAV 89
210351	BASORTRAV 89
210352	BASORTRAV 89
210353	BASORTRAV 89
210354	BASORTRAV 89
210355	BASORTRAV 89
210356	BASORTRAV 89
210357	BASORTRAV 89
210358	BASORTRAV 89
210359	BASORTRAV 89
210360	BASORTRAV 89
210361	BASORTRAV 89
210362	BASORTRAV 90
210363	BASORTRAV 90
210364	BASORTRAV 90
210365	BASORTRAV 90
210366	BASORTRAV 90
210367	BASORTRAV 90
210368	BASORTRAV 90
210369	BASORTRAV 90
210370	BASORTRAV 90
210371	BASORTRAV 90
210372	BASORTRAV 90
210373	BASORTRAV 90

REF.	Family / Pg.
210374	BASORTRAV 90
210375	BASORTRAV 90
210376	BASORTRAV 90
210377	BASORTRAV 90
210378	BASORTRAV 90
210379	BASORTRAV 90
210380	BASORTRAV 90
210381	BASORTRAV 90
210382	BASORTRAV 90
210383	BASORTRAV 90
210384	BASORTRAV 90
210385	BASORTRAV 90
210386	BASORTRAV 90
210387	BASORTRAV 90
210388	BASORTRAV 90
210389	BASORTRAV 90
210390	BASORTRAV 90
210391	BASORTRAV 90
210392	BASORTRAV 90
210393	BASORTRAV 90
210394	BASORTRAV 90
210395	BASORTRAV 90
210396	BASORTRAV 90
210397	BASORTRAV 90
210398	BASORTRAV 90
210399	BASORTRAV 90
210400	BASORTRAV 90
210401	BASORTRAV 90
210402	BASORTRAV 90
210403	BASORTRAV 90
210404	BASORTRAV 90
210405	BASORTRAV 90
210406	BASORTRAV 90
210407	BASORTRAV 90
210408	BASORTRAV 90
210409	BASORTRAV 90
210410	BASORTRAV 90
210411	BASORTRAV 90
210412	BASORTRAV 90
210413	BASORTRAV 90
210414	BASORTRAV 90
210415	BASORTRAV 90
210416	BASORTRAV 90
210417	BASORTRAV 90
210418	BASORTRAV 90
210419	BASORTRAV 91
210420	BASORTRAV 91
210421	BASORTRAV 91
210422	BASORTRAV 91
210423	BASORTRAV 91
210424	BASORTRAV 91
210425	BASORTRAV 91
210426	BASORTRAV 91
210427	BASORTRAV 91
210428	BASORTRAV 91
210429	BASORTRAV 91
210430	BASORTRAV 91
210431	BASORTRAV 91

REF.	Family / Pg.
210432	BASORTRAV 91
210433	BASORTRAV 91
210434	BASORTRAV 91
210435	BASORTRAV 91
210436	BASORTRAV 91
210437	BASORTRAV 91
210438	BASORTRAV 91
210439	BASORTRAV 91
210440	BASORTRAV 91
210441	BASORTRAV 91
210442	BASORTRAV 91
210443	BASORTRAV 91
210444	BASORTRAV 91
210445	BASORTRAV 91
210446	BASORTRAV 91
210447	BASORTRAV 91
210448	BASORTRAV 91
210449	BASORTRAV 91
210450	BASORTRAV 91
210451	BASORTRAV 91
210452	BASORTRAV 91
210453	BASORTRAV 91
210454	BASORTRAV 91
210455	BASORTRAV 91
210456	BASORTRAV 91
210457	BASORTRAV 91
210458	BASORTRAV 91
210459	BASORTRAV 91
210460	BASORTRAV 91
210461	BASORTRAV 91
210462	BASORTRAV 91
210463	BASORTRAV 91
210464	BASORTRAV 91
210465	BASORTRAV 91
210466	BASORTRAV 91
210467	BASORTRAV 91
210468	BASORTRAV 91
210469	BASORTRAV 91
210470	BASORTRAV 91
210471	BASORTRAV 91
210472	BASORTRAV 91
210473	BASORTRAV 91
210474	BASORTRAV 91
210475	BASORTRAV 91
210476	BASORTRAV 92
210477	BASORTRAV 92
210478	BASORTRAV 92
210479	BASORTRAV 92
210480	BASORTRAV 92
210481	BASORTRAV 92
210482	BASORTRAV 92
210483	BASORTRAV 92
210484	BASORTRAV 92
210485	BASORTRAV 92
210486	BASORTRAV 92
210487	BASORTRAV 92
210488	BASORTRAV 92
210489	BASORTRAV 92

REF.	Family / Pg.
210490	BASORTRAV 92
210491	BASORTRAV 92
210492	BASORTRAV 92
210493	BASORTRAV 92
210494	BASORTRAV 92
210495	BASORTRAV 92
210496	BASORTRAV 92
210497	BASORTRAV 92
210498	BASORTRAV 92
210499	BASORTRAV 92
210500	BASORTRAV 92
210501	BASORTRAV 92
210502	BASORTRAV 92
210503	BASORTRAV 92
210504	BASORTRAV 92
210505	BASORTRAV 92
210506	BASORTRAV 92
210507	BASORTRAV 92
210508	BASORTRAV 92
210509	BASORTRAV 92
210510	BASORTRAV 92
210511	BASORTRAV 92
210512	BASORTRAV 92
210513	BASORTRAV 92
210514	BASORTRAV 92
210515	BASORTRAV 92
210516	BASORTRAV 92
210517	BASORTRAV 92
210518	BASORTRAV 92
210519	BASORTRAV 92
210520	BASORTRAV 92
210521	BASORTRAV 92
210522	BASORTRAV 92
210523	BASORTRAV 92
210524	BASORTRAV 92
210525	BASORTRAV 92
210526	BASORTRAV 92
210527	BASORTRAV 92
210528	BASORTRAV 92
210529	BASORTRAV 92
210530	BASORTRAV 92
210531	BASORTRAV 92
210532	BASORTRAV 92
210533	BASORTRAV 92
210534	BASORTRAV 92
210535	BASORTRAV 92
210536	BASORTRAV 92
210537	BASORTRAV 92
210538	BASORTRAV 92
210539	BASORTRAV 95
210540	BASORTRAV 95
210541	BASORTRAV 95
210542	BASORTRAV 95
210543	BASORTRAV 95
210544	BASORTRAV 95
210545	BASORTRAV 95
210546	BASORTRAV 95
210547	BASORTRAV 95

REF.	Family / Pg.
210548	BASORTRAV 95
210549	BASORTRAV 95
210550	BASORTRAV 95
210551	BASORTRAV 95
210552	BASORTRAV 95
210553	BASORTRAV 95
210554	BASORTRAV 95
210555	BASORTRAV 95
210556	BASORTRAV 95
210557	BASORTRAV 95
210558	BASORTRAV 95
210559	BASORTRAV 95
210560	BASORTRAV 95
210561	BASORTRAV 95
210562	BASORTRAV 95
210563	BASORTRAV 95
210564	BASORTRAV 95
210565	BASORTRAV 95
210566	BASORTRAV 95
210567	BASORTRAV 95
210568	BASORTRAV 95
210569	BASORTRAV 95
210570	BASORTRAV 95
210571	BASORTRAV 95
210572	BASORTRAV 95
210573	BASORTRAV 95
210574	BASORTRAV 95
210575	BASORTRAV 95
210576	BASORTRAV 95
210577	BASORTRAV 95
210578	BASORTRAV 95
210579	BASORTRAV 95
210580	BASORTRAV 95
210581	BASORTRAV 95
210582	BASORTRAV 95
210583	BASORTRAV 95
210584	BASORTRAV 95
210585	BASORTRAV 95
210586	BASORTRAV 95
210587	BASORTRAV 95
210588	BASORTRAV 95
210589	BASORTRAV 95
210590	BASORTRAV 95
210591	BASORTRAV 95
210592	BASORTRAV 95
210593	BASORTRAV 98
210594	BASORTRAV 98
210595	BASORTRAV 98
210596	BASORTRAV 98
210597	BASORTRAV 98
210598	BASORTRAV 98
210599	BASORTRAV 98
210600	BASORTRAV 98
210601	BASORTRAV 98
210602	BASORTRAV 98
210603	BASORTRAV 98
210604	BASORTRAV 98
210605	BASORTRAV 98

REF.	Family / Pg.
210606	BASORTRAV 98
210607	BASORTRAV 98
210608	BASORTRAV 98
210609	BASORTRAV 98
210610	BASORTRAV 98
210611	BASORTRAV 98
210612	BASORTRAV 98
210613	BASORTRAV 98
210614	BASORTRAV 98
210615	BASORTRAV 98
210616	BASORTRAV 98
210617	BASORTRAV 98
210618	BASORTRAV 98
210619	BASORTRAV 98
210620	BASORTRAV 98
210621	BASORTRAV 98
210622	BASORTRAV 98
210623	BASORTRAV 98
210624	BASORTRAV 98
210625	BASORTRAV 98
210626	BASORTRAV 98
210627	BASORTRAV 98
210628	BASORTRAV 98
210629	BASORTRAV 98
210630	BASORTRAV 98
210631	BASORTRAV 98
210632	BASORTRAV 98
210633	BASORTRAV 98
210634	BASORTRAV 98
210635	BASORTRAV 98
210636	BASORTRAV 98
210637	BASORTRAV 98
210638	BASORTRAV 98
210639	BASORTRAV 98
210640	BASORTRAV 98
210641	BASORTRAV 98
210642	BASORTRAV 98
210643	BASORTRAV 98
210644	BASORTRAV 98
210645	BASORTRAV 98
210646	BASORTRAV 98
210647	BASORTRAV 93
210648	BASORTRAV 93
210649	BASORTRAV 93
210650	BASORTRAV 93
210651	BASORTRAV 93
210652	BASORTRAV 93
210653	BASORTRAV 93
210654	BASORTRAV 93
210655	BASORTRAV 93
210656	BASORTRAV 93
210657	BASORTRAV 93
210658	BASORTRAV 93
210659	BASORTRAV 93
210660	BASORTRAV 93
210661	BASORTRAV 93
210662	BASORTRAV 93
210663	BASORTRAV 93

REF.	Family / Pg.
210664	BASORTRAV 93
210665	BASORTRAV 93
210666	BASORTRAV 93
210667	BASORTRAV 93
210668	BASORTRAV 93
210669	BASORTRAV 93
210670	BASORTRAV 93
210671	BASORTRAV 93
210672	BASORTRAV 93
210673	BASORTRAV 93
210674	BASORTRAV 93
210675	BASORTRAV 93
210676	BASORTRAV 93
210677	BASORTRAV 93
210678	BASORTRAV 93
210679	BASORTRAV 93
210680	BASORTRAV 93
210681	BASORTRAV 93
210682	BASORTRAV 93
210683	BASORTRAV 93
210684	BASORTRAV 93
210685	BASORTRAV 93
210686	BASORTRAV 93
210687	BASORTRAV 93
210688	BASORTRAV 93
210689	BASORTRAV 93
210690	BASORTRAV 93
210691	BASORTRAV 93
210692	BASORTRAV 93
210693	BASORTRAV 93
210694	BASORTRAV 93
210695	BASORTRAV 93
210696	BASORTRAV 93
210697	BASORTRAV 93
210698	BASORTRAV 93
210699	BASORTRAV 93
210700	BASORTRAV 93
210701	BASORTRAV 93
210702	BASORTRAV 93
210703	BASORTRAV 93
210704	BASORTRAV 93
210705	BASORTRAV 93
210706	BASORTRAV 93
210707	BASORTRAV 93
210708	BASORTRAV 93
210709	BASORTRAV 93
210710	BASORTRAV 96
210711	BASORTRAV 96
210712	BASORTRAV 96
210713	BASORTRAV 96
210714	BASORTRAV 96
210715	BASORTRAV 96
210716	BASORTRAV 96
210717	BASORTRAV 96
210718	BASORTRAV 96
210719	BASORTRAV 96
210720	BASORTRAV 96
210721	BASORTRAV 96

REF.	Family / Pg.
210722	BASORTRAV 96
210723	BASORTRAV 96
210724	BASORTRAV 96
210725	BASORTRAV 96
210726	BASORTRAV 96
210727	BASORTRAV 96
210728	BASORTRAV 96
210729	BASORTRAV 96
210730	BASORTRAV 96
210731	BASORTRAV 96
210732	BASORTRAV 96
210733	BASORTRAV 96
210734	BASORTRAV 96
210735	BASORTRAV 96
210736	BASORTRAV 96
210737	BASORTRAV 96
210738	BASORTRAV 96
210739	BASORTRAV 96
210740	BASORTRAV 96
210741	BASORTRAV 96
210742	BASORTRAV 96
210743	BASORTRAV 96
210744	BASORTRAV 96
210745	BASORTRAV 96
210746	BASORTRAV 96
210747	BASORTRAV 96
210748	BASORTRAV 96
210749	BASORTRAV 96
210750	BASORTRAV 96
210751	BASORTRAV 96
210752	BASORTRAV 96
210753	BASORTRAV 96
210754	BASORTRAV 96
210755	BASORTRAV 96
210756	BASORTRAV 96
210757	BASORTRAV 96
210758	BASORTRAV 96
210759	BASORTRAV 96
210760	BASORTRAV 96
210761	BASORTRAV 96
210762	BASORTRAV 96
210763	BASORTRAV 96
210764	BASORTRAV 99
210765	BASORTRAV 99
210766	BASORTRAV 99
210767	BASORTRAV 99
210768	BASORTRAV 99
210769	BASORTRAV 99
210770	BASORTRAV 99
210771	BASORTRAV 99
210772	BASORTRAV 99
210773	BASORTRAV 99
210774	BASORTRAV 99
210775	BASORTRAV 99
210776	BASORTRAV 99
210777	BASORTRAV 99
210778	BASORTRAV 99
210779	BASORTRAV 99

REF.	Family / Pg.
210780	BASORTRAV 99
210781	BASORTRAV 99
210782	BASORTRAV 99
210783	BASORTRAV 99
210784	BASORTRAV 99
210785	BASORTRAV 99
210786	BASORTRAV 99
210787	BASORTRAV 99
210788	BASORTRAV 99
210789	BASORTRAV 99
210790	BASORTRAV 99
210791	BASORTRAV 99
210792	BASORTRAV 99
210793	BASORTRAV 99
210794	BASORTRAV 99
210795	BASORTRAV 99
210796	BASORTRAV 99
210797	BASORTRAV 99
210798	BASORTRAV 99
210799	BASORTRAV 99
210800	BASORTRAV 99
210801	BASORTRAV 99
210802	BASORTRAV 99
210803	BASORTRAV 99
210804	BASORTRAV 99
210805	BASORTRAV 99
210806	BASORTRAV 99
210807	BASORTRAV 99
210808	BASORTRAV 99
210809	BASORTRAV 99
210810	BASORTRAV 99
210811	BASORTRAV 99
210812	BASORTRAV 99
210813	BASORTRAV 99
210814	BASORTRAV 99
210815	BASORTRAV 99
210816	BASORTRAV 99
210817	BASORTRAV 99
210818	BASORTRAV 94
210819	BASORTRAV 94
210820	BASORTRAV 94
210821	BASORTRAV 94
210822	BASORTRAV 94
210823	BASORTRAV 94
210824	BASORTRAV 94
210825	BASORTRAV 94
210826	BASORTRAV 94
210827	BASORTRAV 94
210828	BASORTRAV 94
210829	BASORTRAV 94
210830	BASORTRAV 94
210831	BASORTRAV 94
210832	BASORTRAV 94
210833	BASORTRAV 94
210834	BASORTRAV 94
210835	BASORTRAV 94
210836	BASORTRAV 94
210837	BASORTRAV 94

REF.	Family / Pg.
210838	BASORTRAV 94
210839	BASORTRAV 94
210840	BASORTRAV 94
210841	BASORTRAV 94
210842	BASORTRAV 94
210843	BASORTRAV 94
210844	BASORTRAV 94
210845	BASORTRAV 94
210846	BASORTRAV 94
210847	BASORTRAV 94
210848	BASORTRAV 94
210849	BASORTRAV 94
210850	BASORTRAV 94
210851	BASORTRAV 94
210852	BASORTRAV 94
210853	BASORTRAV 94
210854	BASORTRAV 94
210855	BASORTRAV 94
210856	BASORTRAV 94
210857	BASORTRAV 94
210858	BASORTRAV 94
210859	BASORTRAV 94
210860	BASORTRAV 94
210861	BASORTRAV 94
210862	BASORTRAV 94
210863	BASORTRAV 94
210864	BASORTRAV 94
210865	BASORTRAV 94
210866	BASORTRAV 94
210867	BASORTRAV 94
210868	BASORTRAV 94
210869	BASORTRAV 94
210870	BASORTRAV 94
210871	BASORTRAV 94
210872	BASORTRAV 94
210873	BASORTRAV 94
210874	BASORTRAV 94
210875	BASORTRAV 94
210876	BASORTRAV 94
210877	BASORTRAV 94
210878	BASORTRAV 94
210879	BASORTRAV 94
210880	BASORTRAV 94
210881	BASORTRAV 97
210882	BASORTRAV 97
210883	BASORTRAV 97
210884	BASORTRAV 97
210885	BASORTRAV 97
210886	BASORTRAV 97
210887	BASORTRAV 97
210888	BASORTRAV 97
210889	BASORTRAV 97
210890	BASORTRAV 97
210891	BASORTRAV 97
210892	BASORTRAV 97
210893	BASORTRAV 97
210894	BASORTRAV 97
210895	BASORTRAV 97

REF.	Family / Pg.
210896	BASORTRAV 97
210897	BASORTRAV 97
210898	BASORTRAV 97
210899	BASORTRAV 97
210900	BASORTRAV 97
210901	BASORTRAV 97
210902	BASORTRAV 97
210903	BASORTRAV 97
210904	BASORTRAV 97
210905	BASORTRAV 97
210906	BASORTRAV 97
210907	BASORTRAV 97
210908	BASORTRAV 97
210909	BASORTRAV 97
210910	BASORTRAV 97
210911	BASORTRAV 97
210912	BASORTRAV 97
210913	BASORTRAV 97
210914	BASORTRAV 97
210915	BASORTRAV 97
210916	BASORTRAV 97
210917	BASORTRAV 97
210918	BASORTRAV 97
210919	BASORTRAV 97
210920	BASORTRAV 97
210921	BASORTRAV 97
210922	BASORTRAV 97
210923	BASORTRAV 97
210924	BASORTRAV 97
210925	BASORTRAV 97
210926	BASORTRAV 97
210927	BASORTRAV 97
210928	BASORTRAV 97
210929	BASORTRAV 97
210930	BASORTRAV 97
210931	BASORTRAV 97
210932	BASORTRAV 97
210933	BASORTRAV 97
210934	BASORTRAV 97
210935	BASORTRAV 100
210936	BASORTRAV 100
210937	BASORTRAV 100
210938	BASORTRAV 100
210939	BASORTRAV 100
210940	BASORTRAV 100
210941	BASORTRAV 100
210942	BASORTRAV 100
210943	BASORTRAV 100
210944	BASORTRAV 100
210945	BASORTRAV 100
210946	BASORTRAV 100
210947	BASORTRAV 100
210948	BASORTRAV 100
210949	BASORTRAV 100
210950	BASORTRAV 100
210951	BASORTRAV 100
210952	BASORTRAV 100
210953	BASORTRAV 100

REF.	Family / Pg.
210954	BASORTRAV 100
210955	BASORTRAV 100
210956	BASORTRAV 100
210957	BASORTRAV 100
210958	BASORTRAV 100
210959	BASORTRAV 100
210960	BASORTRAV 100
210961	BASORTRAV 100
210962	BASORTRAV 100
210963	BASORTRAV 100
210964	BASORTRAV 100
210965	BASORTRAV 100
210966	BASORTRAV 100
210967	BASORTRAV 100
210968	BASORTRAV 100
210969	BASORTRAV 100
210970	BASORTRAV 100
210971	BASORTRAV 100
210972	BASORTRAV 100
210973	BASORTRAV 100
210974	BASORTRAV 100
210975	BASORTRAV 100
210976	BASORTRAV 100
210977	BASORTRAV 100
210978	BASORTRAV 100
210979	BASORTRAV 100
210980	BASORTRAV 100
210981	BASORTRAV 100
210982	BASORTRAV 100
210983	BASORTRAV 100
210984	BASORTRAV 100
210985	BASORTRAV 100
210986	BASORTRAV 100
210987	BASORTRAV 100
210988	BASORTRAV 100
210989	BASORTRAV 101
210990	BASORTRAV 101
210991	BASORTRAV 101
210992	BASORTRAV 101
210993	BASORTRAV 101
210994	BASORTRAV 101
210995	BASORTRAV 101
210996	BASORTRAV 101
210997	BASORTRAV 101
210998	BASORTRAV 101
210999	BASORTRAV 101
211000	BASORTRAV 101
211001	BASORTRAV 101
211002	BASORTRAV 101
211003	BASORTRAV 101
211004	BASORTRAV 101
211005	BASORTRAV 101
211006	BASORTRAV 101
211007	BASORTRAV 101
211008	BASORTRAV 101
211009	BASORTRAV 101
211010	BASORTRAV 101
211011	BASORTRAV 101

REF.	Family / Pg.
211012	BASORTRAV 101
211013	BASORTRAV 101
211014	BASORTRAV 101
211015	BASORTRAV 101
211016	BASORTRAV 101
211017	BASORTRAV 101
211018	BASORTRAV 101
211019	BASORTRAV 101
211020	BASORTRAV 101
211021	BASORTRAV 101
211022	BASORTRAV 101
211023	BASORTRAV 101
211024	BASORTRAV 101
211025	BASORTRAV 101
211026	BASORTRAV 101
211027	BASORTRAV 101
211028	BASORTRAV 101
211029	BASORTRAV 101
211030	BASORTRAV 101
211031	BASORTRAV 101
211032	BASORTRAV 101
211033	BASORTRAV 101
211034	BASORTRAV 101
211035	BASORTRAV 101
211036	BASORTRAV 101
211037	BASORTRAV 101
211038	BASORTRAV 101
211039	BASORTRAV 101
211040	BASORTRAV 101
211041	BASORTRAV 101
211042	BASORTRAV 101
211043	BASORTRAV 101
211044	BASORTRAV 101
211045	BASORTRAV 101
211046	BASORTRAV 102
211047	BASORTRAV 102
211048	BASORTRAV 102
211049	BASORTRAV 102
211050	BASORTRAV 102
211051	BASORTRAV 102
211052	BASORTRAV 102
211053	BASORTRAV 102
211054	BASORTRAV 102
211055	BASORTRAV 102
211056	BASORTRAV 102
211057	BASORTRAV 102
211058	BASORTRAV 102
211059	BASORTRAV 102
211060	BASORTRAV 102
211061	BASORTRAV 102
211062	BASORTRAV 102
211063	BASORTRAV 102
211064	BASORTRAV 102
211065	BASORTRAV 102
211066	BASORTRAV 102
211067	BASORTRAV 102
211068	BASORTRAV 102
211069	BASORTRAV 102

REF.	Family / Pg.
211070	BASORTRAV 102
211071	BASORTRAV 102
211072	BASORTRAV 102
211073	BASORTRAV 102
211074	BASORTRAV 102
211075	BASORTRAV 102
211076	BASORTRAV 102
211077	BASORTRAV 102
211078	BASORTRAV 102
211079	BASORTRAV 102
211080	BASORTRAV 102
211081	BASORTRAV 102
211082	BASORTRAV 102
211083	BASORTRAV 102
211084	BASORTRAV 102
211085	BASORTRAV 102
211086	BASORTRAV 102
211087	BASORTRAV 102
211088	BASORTRAV 102
211089	BASORTRAV 102
211090	BASORTRAV 102
211091	BASORTRAV 102
211092	BASORTRAV 102
211093	BASORTRAV 102
211094	BASORTRAV 102
211095	BASORTRAV 102
211096	BASORTRAV 102
211097	BASORTRAV 102
211098	BASORTRAV 102
211099	BASORTRAV 102
211100	BASORTRAV 102
211101	BASORTRAV 102
211102	BASORTRAV 102
211103	BASORTRAV 103
211104	BASORTRAV 103
211105	BASORTRAV 103
211106	BASORTRAV 103
211107	BASORTRAV 103
211108	BASORTRAV 103
211109	BASORTRAV 103
211110	BASORTRAV 103
211111	BASORTRAV 103
211112	BASORTRAV 103
211113	BASORTRAV 103
211114	BASORTRAV 103
211115	BASORTRAV 103
211116	BASORTRAV 103
211117	BASORTRAV 103
211118	BASORTRAV 103
211119	BASORTRAV 103
211120	BASORTRAV 103
211121	BASORTRAV 103
211122	BASORTRAV 103
211123	BASORTRAV 103
211124	BASORTRAV 103
211125	BASORTRAV 103
211126	BASORTRAV 103
211127	BASORTRAV 103

REF.	Family / Pg.
211128	BASORTRAV 103
211129	BASORTRAV 103
211130	BASORTRAV 103
211131	BASORTRAV 103
211132	BASORTRAV 103
211133	BASORTRAV 103
211134	BASORTRAV 103
211135	BASORTRAV 103
211136	BASORTRAV 103
211137	BASORTRAV 103
211138	BASORTRAV 103
211139	BASORTRAV 103
211140	BASORTRAV 103
211141	BASORTRAV 103
211142	BASORTRAV 104
211143	BASORTRAV 104
211144	BASORTRAV 104
211145	BASORTRAV 104
211146	BASORTRAV 104
211147	BASORTRAV 104
211148	BASORTRAV 104
211149	BASORTRAV 104
211150	BASORTRAV 104
211151	BASORTRAV 104
211152	BASORTRAV 104
211153	BASORTRAV 104
211154	BASORTRAV 104
211155	BASORTRAV 104
211156	BASORTRAV 104
211157	BASORTRAV 104
211158	BASORTRAV 104
211159	BASORTRAV 104
211160	BASORTRAV 104
211161	BASORTRAV 104
211162	BASORTRAV 104
211163	BASORTRAV 104
211164	BASORTRAV 104
211165	BASORTRAV 104
211166	BASORTRAV 104
211167	BASORTRAV 104
211168	BASORTRAV 104
211169	BASORTRAV 104
211170	BASORTRAV 104
211171	BASORTRAV 104
211172	BASORTRAV 104
211173	BASORTRAV 104
211174	BASORTRAV 104
211175	BASORTRAV 104
211176	BASORTRAV 104
211177	BASORTRAV 104
211178	BASORTRAV 104
211179	BASORTRAV 104
211180	BASORTRAV 104
211181	BASORTRAV 105
211182	BASORTRAV 105
211183	BASORTRAV 105
211184	BASORTRAV 105
211185	BASORTRAV 105

REF.	Family / Pg.
211186	BASORTRAV 105
211187	BASORTRAV 105
211188	BASORTRAV 105
211189	BASORTRAV 105
211190	BASORTRAV 105
211191	BASORTRAV 105
211192	BASORTRAV 105
211193	BASORTRAV 105
211194	BASORTRAV 105
211195	BASORTRAV 105
211196	BASORTRAV 105
211197	BASORTRAV 105
211198	BASORTRAV 105
211199	BASORTRAV 105
211200	BASORTRAV 105
211201	BASORTRAV 105
211202	BASORTRAV 105
211203	BASORTRAV 105
211204	BASORTRAV 105
211205	BASORTRAV 105
211206	BASORTRAV 105
211207	BASORTRAV 105
211208	BASORTRAV 105
211209	BASORTRAV 105
211210	BASORTRAV 105
211211	BASORTRAV 105
211212	BASORTRAV 105
211213	BASORTRAV 105
211214	BASORTRAV 105
211215	BASORTRAV 105
211216	BASORTRAV 105
211217	BASORTRAV 105
211218	BASORTRAV 105
211219	BASORTRAV 105
211220	BASORTRAV 106
211221	BASORTRAV 106
211222	BASORTRAV 106
211223	BASORTRAV 106
211224	BASORTRAV 106
211225	BASORTRAV 106
211227	BASORTRAY 28,BASORFIL 19
211228	BASORTRAY 28,BASORFIL 19
211230	BASORFIX 21
211231	BASORFIX 21
211232	BASORTRAY 18
211236	BASORTRAV 106
211237	BASORTRAV 106
211238	BASORTRAV 106
211239	FIBERTRAV 5
211240	FIBERTRAV 5
211241	FIBERTRAV 5
211242	FIBERTRAV 5
211243	FIBERTRAV 5
211244	FIBERTRAV 5
211245	FIBERTRAV 5
211246	FIBERTRAV 5
211247	FIBERTRAV 5
211248	FIBERTRAV 5

REF.	Family / Pg.
211249	FIBERTRAV 5
211250	FIBERTRAV 5
211251	FIBERTRAV 5
211252	FIBERTRAV 5
211253	FIBERTRAV 5
211254	FIBERTRAV 5
211255	FIBERTRAV 5
211256	FIBERTRAV 5
211257	FIBERTRAV 5
211258	FIBERTRAV 5
211259	FIBERTRAV 5
211260	FIBERTRAV 5
211261	FIBERTRAV 5
211262	FIBERTRAV 5
211263	FIBERTRAV 5
211264	FIBERTRAV 5
211265	BASORTRAV 108
211266	BASORTRAV 108
211267	BASORTRAV 108
211268	BASORTRAV 108
211269	BASORTRAV 108
211270	BASORTRAV 108
211272	FIBERTRAV 6
211273	FIBERTRAV 6
211274	FIBERTRAV 6
211275	FIBERTRAV 6
211276	FIBERTRAV 6
211277	FIBERTRAV 6
211278	FIBERTRAV 6
211279	FIBERTRAV 5
211280	FIBERTRAV 5
211281	FIBERTRAV 5
211282	FIBERTRAV 5
211283	FIBERTRAV 5
211284	FIBERTRAV 5
211285	FIBERTRAV 5
211286	FIBERTRAV 5
211287	FIBERTRAV 5
211288	FIBERTRAV 5
211289	FIBERTRAV 5
211290	FIBERTRAV 5
211291	FIBERTRAV 5
211292	FIBERTRAV 5
211293	FIBERTRAV 5
211294	FIBERTRAV 5
211295	FIBERTRAV 5
211296	FIBERTRAV 5
211297	FIBERTRAV 5
211298	FIBERTRAV 5
211299	FIBERTRAV 5
211300	FIBERTRAV 5
211301	FIBERTRAV 5
211302	FIBERTRAV 5
211303	FIBERTRAV 5
211304	FIBERTRAV 5
211308	BASORFIL 17
211309	BASORTRAY 35
211310	BASORTRAY 35

REF.	Family / Pg.
211311	BASORTRAV 70
211312	FIBERTRAV 6
211313	FIBERTRAV 6
211314	FIBERTRAV 6
211315	FIBERTRAV 6
211316	FIBERTRAV 6
211317	FIBERTRAV 6
211318	FIBERTRAV 6
211319	FIBERTRAV 5
211320	FIBERTRAV 5
211321	FIBERTRAV 5
211322	FIBERTRAV 5
211323	FIBERTRAV 5
211324	FIBERTRAV 5
211325	FIBERTRAV 5
211326	FIBERTRAV 5
211327	FIBERTRAV 5
211328	FIBERTRAV 5
211329	FIBERTRAV 5
211330	FIBERTRAV 5
211331	FIBERTRAV 5
211332	FIBERTRAV 5
211333	FIBERTRAV 5
211334	FIBERTRAV 5
211335	FIBERTRAV 5
211336	FIBERTRAV 5
211337	FIBERTRAV 5
211338	FIBERTRAV 5
211339	FIBERTRAV 5
211340	FIBERTRAV 5
211341	FIBERTRAV 5
211342	FIBERTRAV 5
211343	FIBERTRAV 5
211344	FIBERTRAV 5
211349	BASORTRAY 36
211350	BASORTRAY 36
211352	FIBERTRAV 6
211353	FIBERTRAV 6
211354	FIBERTRAV 6
211355	FIBERTRAV 6
211356	FIBERTRAV 6
211357	FIBERTRAV 6
211358	FIBERTRAV 6
211359	FIBERTRAV 7
211360	FIBERTRAV 7
211361	FIBERTRAV 7
211362	FIBERTRAV 7
211363	FIBERTRAV 7
211364	FIBERTRAV 7
211365	FIBERTRAV 7
211366	FIBERTRAV 7
211367	FIBERTRAV 7
211368	FIBERTRAV 7
211369	FIBERTRAV 8
211370	FIBERTRAV 8
211371	FIBERTRAV 8
211372	FIBERTRAV 8
211373	FIBERTRAV 8

REF.	Family / Pg.
211374	FIBERTRAV 8
211375	FIBERTRAV 8
211376	FIBERTRAV 8
211377	FIBERTRAV 8
211378	FIBERTRAV 8
211379	FIBERTRAV 8
211380	FIBERTRAV 8
211381	FIBERTRAV 8
211382	FIBERTRAV 8
211383	FIBERTRAV 8
211384	FIBERTRAV 8
211385	FIBERTRAV 8
211386	FIBERTRAV 8
211387	FIBERTRAV 8
211388	FIBERTRAV 8
211389	FIBERTRAV 8
211390	FIBERTRAV 8
211391	FIBERTRAV 8
211392	FIBERTRAV 8
211393	FIBERTRAV 8
211394	FIBERTRAV 8
211395	FIBERTRAV 8
211396	FIBERTRAV 8
211397	FIBERTRAV 8
211398	FIBERTRAV 8
211399	FIBERTRAV 8
211400	FIBERTRAV 8
211401	FIBERTRAV 8
211402	FIBERTRAV 8
211403	FIBERTRAV 8
211404	FIBERTRAV 8
211405	FIBERTRAV 8
211406	FIBERTRAV 8
211407	FIBERTRAV 8
211408	FIBERTRAV 8
211409	FIBERTRAV 8
211410	FIBERTRAV 8
211411	FIBERTRAV 11
211412	FIBERTRAV 11
211413	FIBERTRAV 11
211414	FIBERTRAV 11
211415	FIBERTRAV 11
211416	FIBERTRAV 11
211417	FIBERTRAV 11
211418	FIBERTRAV 11
211419	FIBERTRAV 11
211420	FIBERTRAV 11
211421	FIBERTRAV 11
211422	FIBERTRAV 11
211423	FIBERTRAV 11
211424	FIBERTRAV 11
211425	FIBERTRAV 11
211426	FIBERTRAV 11
211427	FIBERTRAV 11
211428	FIBERTRAV 11
211429	FIBERTRAV 11
211430	FIBERTRAV 11
211431	FIBERTRAV 11

REF.	Family / Pg.
211432	FIBERTRAV 11
211433	FIBERTRAV 11
211434	FIBERTRAV 11
211435	FIBERTRAV 11
211436	FIBERTRAV 11
211437	FIBERTRAV 11
211438	FIBERTRAV 11
211439	FIBERTRAV 11
211440	FIBERTRAV 11
211441	FIBERTRAV 11
211442	FIBERTRAV 11
211443	FIBERTRAV 11
211444	FIBERTRAV 11
211445	FIBERTRAV 11
211446	FIBERTRAV 11
211447	FIBERTRAV 11
211448	FIBERTRAV 11
211449	FIBERTRAV 11
211450	FIBERTRAV 11
211451	FIBERTRAV 11
211452	FIBERTRAV 11
211453	FIBERTRAV 14
211454	FIBERTRAV 14
211455	FIBERTRAV 14
211456	FIBERTRAV 14
211457	FIBERTRAV 14
211458	FIBERTRAV 14
211459	FIBERTRAV 14
211460	FIBERTRAV 14
211461	FIBERTRAV 14
211462	FIBERTRAV 14
211463	FIBERTRAV 14
211464	FIBERTRAV 14
211465	FIBERTRAV 14
211466	FIBERTRAV 14
211467	FIBERTRAV 14
211468	FIBERTRAV 14
211469	FIBERTRAV 14
211470	FIBERTRAV 14
211471	FIBERTRAV 14
211472	FIBERTRAV 14
211473	FIBERTRAV 14
211474	FIBERTRAV 14
211475	FIBERTRAV 14
211476	FIBERTRAV 14
211477	FIBERTRAV 14
211478	FIBERTRAV 14
211479	FIBERTRAV 14
211480	FIBERTRAV 14
211481	FIBERTRAV 14
211482	FIBERTRAV 14
211483	FIBERTRAV 14
211484	FIBERTRAV 14
211485	FIBERTRAV 14
211486	FIBERTRAV 14
211487	FIBERTRAV 14
211488	FIBERTRAV 14
211489	FIBERTRAV 14
211490	FIBERTRAV 14
211491	FIBERTRAV 14
211492	FIBERTRAV 14
211493	FIBERTRAV 14
211494	FIBERTRAV 14
211495	FIBERTRAV 7
211496	FIBERTRAV 7
211497	FIBERTRAV 7
211498	FIBERTRAV 7
211499	FIBERTRAV 7
211500	FIBERTRAV 7
211501	FIBERTRAV 7
211502	FIBERTRAV 7
211503	FIBERTRAV 7
211504	FIBERTRAV 7
211505	FIBERTRAV 9
211506	FIBERTRAV 9
211507	FIBERTRAV 9
211508	FIBERTRAV 9
211509	FIBERTRAV 9
211510	FIBERTRAV 9
211511	FIBERTRAV 9
211512	FIBERTRAV 9
211513	FIBERTRAV 9
211514	FIBERTRAV 9
211515	FIBERTRAV 9
211516	FIBERTRAV 9
211517	FIBERTRAV 9
211518	FIBERTRAV 9
211519	FIBERTRAV 9
211520	FIBERTRAV 9
211521	FIBERTRAV 9
211522	FIBERTRAV 9
211523	FIBERTRAV 9
211524	FIBERTRAV 9
211525	FIBERTRAV 9
211526	FIBERTRAV 9
211527	FIBERTRAV 9
211528	FIBERTRAV 9
211529	FIBERTRAV 9
211530	FIBERTRAV 9
211531	FIBERTRAV 9
211532	FIBERTRAV 9
211533	FIBERTRAV 9
211534	FIBERTRAV 9
211535	FIBERTRAV 9
211536	FIBERTRAV 9
211537	FIBERTRAV 9
211538	FIBERTRAV 9
211539	FIBERTRAV 9
211540	FIBERTRAV 9
211541	FIBERTRAV 9
211542	FIBERTRAV 9
211543	FIBERTRAV 9
211544	FIBERTRAV 9
211545	FIBERTRAV 9
211546	FIBERTRAV 9
211547	FIBERTRAV 12
211548	FIBERTRAV 12
211549	FIBERTRAV 12
211550	FIBERTRAV 12
211551	FIBERTRAV 12
211552	FIBERTRAV 12
211553	FIBERTRAV 12
211554	FIBERTRAV 12
211555	FIBERTRAV 12
211556	FIBERTRAV 12
211557	FIBERTRAV 12
211558	FIBERTRAV 12
211559	FIBERTRAV 12
211560	FIBERTRAV 12
211561	FIBERTRAV 12
211562	FIBERTRAV 12
211563	FIBERTRAV 12
211564	FIBERTRAV 12
211565	FIBERTRAV 12
211566	FIBERTRAV 12
211567	FIBERTRAV 12
211568	FIBERTRAV 12
211569	FIBERTRAV 12
211570	FIBERTRAV 12
211571	FIBERTRAV 12
211572	FIBERTRAV 12
211573	FIBERTRAV 12
211574	FIBERTRAV 12
211575	FIBERTRAV 12
211576	FIBERTRAV 12
211577	FIBERTRAV 12
211578	FIBERTRAV 12
211579	FIBERTRAV 12
211580	FIBERTRAV 12
211581	FIBERTRAV 12
211582	FIBERTRAV 12
211583	FIBERTRAV 12
211584	FIBERTRAV 12
211585	FIBERTRAV 12
211586	FIBERTRAV 12
211587	FIBERTRAV 12
211588	FIBERTRAV 12
211589	FIBERTRAV 15
211590	FIBERTRAV 15
211591	FIBERTRAV 15
211592	FIBERTRAV 15
211593	FIBERTRAV 15
211594	FIBERTRAV 15
211595	FIBERTRAV 15
211596	FIBERTRAV 15
211597	FIBERTRAV 15
211598	FIBERTRAV 15
211599	FIBERTRAV 15
211600	FIBERTRAV 15
211601	FIBERTRAV 15
211602	FIBERTRAV 15
211603	FIBERTRAV 15
211604	FIBERTRAV 15
211605	FIBERTRAV 15
211606	FIBERTRAV 15
211607	FIBERTRAV 15
211608	FIBERTRAV 15
211609	FIBERTRAV 15
211610	FIBERTRAV 15
211611	FIBERTRAV 15
211612	FIBERTRAV 15
211613	FIBERTRAV 15
211614	FIBERTRAV 15
211615	FIBERTRAV 15
211616	FIBERTRAV 15
211617	FIBERTRAV 15
211618	FIBERTRAV 15
211619	FIBERTRAV 15
211620	FIBERTRAV 15
211621	FIBERTRAV 15
211622	FIBERTRAV 15
211623	FIBERTRAV 15
211624	FIBERTRAV 15
211625	FIBERTRAV 15
211626	FIBERTRAV 15
211627	FIBERTRAV 15
211628	FIBERTRAV 15
211629	FIBERTRAV 15
211630	FIBERTRAV 15
211631	FIBERTRAV 7
211632	FIBERTRAV 7
211633	FIBERTRAV 7
211634	FIBERTRAV 7
211635	FIBERTRAV 7
211636	FIBERTRAV 7
211637	FIBERTRAV 7
211638	FIBERTRAV 7
211639	FIBERTRAV 7
211640	FIBERTRAV 7
211641	FIBERTRAV 10
211642	FIBERTRAV 10
211643	FIBERTRAV 10
211644	FIBERTRAV 10
211645	FIBERTRAV 10
211646	FIBERTRAV 10
211647	FIBERTRAV 10
211648	FIBERTRAV 10
211649	FIBERTRAV 10
211650	FIBERTRAV 10
211651	FIBERTRAV 10
211652	FIBERTRAV 10
211653	FIBERTRAV 10
211654	FIBERTRAV 10
211655	FIBERTRAV 10
211656	FIBERTRAV 10
211657	FIBERTRAV 10
211658	FIBERTRAV 10
211659	FIBERTRAV 10
211660	FIBERTRAV 10
211661	FIBERTRAV 10
211662	FIBERTRAV 10
211663	FIBERTRAV 10

REF.	Family / Pg.
211664	FIBERTRAV 10
211665	FIBERTRAV 10
211666	FIBERTRAV 10
211667	FIBERTRAV 10
211668	FIBERTRAV 10
211669	FIBERTRAV 10
211670	FIBERTRAV 10
211671	FIBERTRAV 10
211672	FIBERTRAV 10
211673	FIBERTRAV 10
211674	FIBERTRAV 10
211675	FIBERTRAV 10
211676	FIBERTRAV 10
211677	FIBERTRAV 10
211678	FIBERTRAV 10
211679	FIBERTRAV 10
211680	FIBERTRAV 10
211681	FIBERTRAV 10
211682	FIBERTRAV 10
211683	FIBERTRAV 13
211684	FIBERTRAV 13
211685	FIBERTRAV 13
211686	FIBERTRAV 13
211687	FIBERTRAV 13
211688	FIBERTRAV 13
211689	FIBERTRAV 13
211690	FIBERTRAV 13
211691	FIBERTRAV 13
211692	FIBERTRAV 13
211693	FIBERTRAV 13
211694	FIBERTRAV 13
211695	FIBERTRAV 13
211696	FIBERTRAV 13
211697	FIBERTRAV 13
211698	FIBERTRAV 13
211699	FIBERTRAV 13
211700	FIBERTRAV 13
211701	FIBERTRAV 13
211702	FIBERTRAV 13
211703	FIBERTRAV 13
211704	FIBERTRAV 13
211705	FIBERTRAV 13
211706	FIBERTRAV 13
211707	FIBERTRAV 13
211708	FIBERTRAV 13
211709	FIBERTRAV 13
211710	FIBERTRAV 13
211711	FIBERTRAV 13
211712	FIBERTRAV 13
211713	FIBERTRAV 13
211714	FIBERTRAV 13
211715	FIBERTRAV 13
211716	FIBERTRAV 13
211717	FIBERTRAV 13
211718	FIBERTRAV 13
211719	FIBERTRAV 13
211720	FIBERTRAV 13
211721	FIBERTRAV 13

REF.	Family / Pg.
211722	FIBERTRAV 13
211723	FIBERTRAV 13
211724	FIBERTRAV 13
211725	FIBERTRAV 16
211726	FIBERTRAV 16
211727	FIBERTRAV 16
211728	FIBERTRAV 16
211729	FIBERTRAV 16
211730	FIBERTRAV 16
211731	FIBERTRAV 16
211732	FIBERTRAV 16
211733	FIBERTRAV 16
211734	FIBERTRAV 16
211735	FIBERTRAV 16
211736	FIBERTRAV 16
211737	FIBERTRAV 16
211738	FIBERTRAV 16
211739	FIBERTRAV 16
211740	FIBERTRAV 16
211741	FIBERTRAV 16
211742	FIBERTRAV 16
211743	FIBERTRAV 16
211744	FIBERTRAV 16
211745	FIBERTRAV 16
211746	FIBERTRAV 16
211747	FIBERTRAV 16
211748	FIBERTRAV 16
211749	FIBERTRAV 16
211750	FIBERTRAV 16
211751	FIBERTRAV 16
211752	FIBERTRAV 16
211753	FIBERTRAV 16
211754	FIBERTRAV 16
211755	FIBERTRAV 16
211756	FIBERTRAV 16
211757	FIBERTRAV 16
211758	FIBERTRAV 16
211759	FIBERTRAV 16
211760	FIBERTRAV 16
211761	FIBERTRAV 16
211762	FIBERTRAV 16
211763	FIBERTRAV 16
211764	FIBERTRAV 16
211765	FIBERTRAV 16
211766	FIBERTRAV 16
211767	FIBERTRAV 17
211768	FIBERTRAV 17
211769	FIBERTRAV 17
211770	FIBERTRAV 17
211771	FIBERTRAV 17
211772	FIBERTRAV 17
211773	FIBERTRAV 17
211774	FIBERTRAV 17
211775	FIBERTRAV 17
211776	FIBERTRAV 17
211777	FIBERTRAV 17
211778	FIBERTRAV 17
211779	FIBERTRAV 17

REF.	Family / Pg.
211780	FIBERTRAV 17
211781	FIBERTRAV 17
211782	FIBERTRAV 17
211783	FIBERTRAV 17
211784	FIBERTRAV 17
211785	FIBERTRAV 17
211786	FIBERTRAV 17
211787	FIBERTRAV 17
211788	FIBERTRAV 17
211789	FIBERTRAV 17
211790	FIBERTRAV 17
211791	FIBERTRAV 17
211792	FIBERTRAV 17
211793	FIBERTRAV 19
211794	FIBERTRAV 19
211795	FIBERTRAV 19
211796	FIBERTRAV 19
211797	FIBERTRAV 19
211798	FIBERTRAV 19
211799	FIBERTRAV 19
211800	FIBERTRAV 19
211801	FIBERTRAV 19
211802	FIBERTRAV 19
211805	BASORTRAV 16, 56, 106
211806	FIBERTRAV 19
211807	FIBERTRAV 19
211808	FIBERTRAV 19
211809	FIBERTRAV 19
211810	FIBERTRAV 19
211811	FIBERTRAV 19
211812	FIBERTRAV 19
211813	FIBERTRAV 19
211814	FIBERTRAV 19
211815	FIBERTRAV 19
211816	FIBERTRAV 19
211817	FIBERTRAV 19
211818	FIBERTRAV 19
211819	FIBERTRAV 19
211820	FIBERTRAV 19
211821	FIBERTRAV 19
211822	FIBERTRAV 19
211823	FIBERTRAV 19
211824	FIBERTRAV 19
211825	FIBERTRAV 19
211826	FIBERTRAV 19
211827	FIBERTRAV 19
211828	FIBERTRAV 19
211829	FIBERTRAV 19
211830	FIBERTRAV 19
211831	FIBERTRAV 19
211832	FIBERTRAV 19
211833	FIBERTRAV 19
211834	FIBERTRAV 19
211835	FIBERTRAV 19
211836	FIBERTRAV 19
211837	FIBERTRAV 19
211838	FIBERTRAV 18
211839	FIBERTRAV 18

REF.	Family / Pg.
211840	FIBERTRAV 18
211841	FIBERTRAV 18
211842	FIBERTRAV 18
211843	FIBERTRAV 18
211844	FIBERTRAV 18
211845	FIBERTRAV 18
211846	FIBERTRAV 18
211847	FIBERTRAV 18
211848	FIBERTRAV 18
211849	FIBERTRAV 18
211850	FIBERTRAV 18
211851	FIBERTRAV 18
211852	FIBERTRAV 18
211853	FIBERTRAV 18
211854	FIBERTRAV 18
211855	FIBERTRAV 18
211856	FIBERTRAV 18
211857	FIBERTRAV 18
211858	FIBERTRAV 18
211859	FIBERTRAV 18
211860	FIBERTRAV 18
211861	FIBERTRAV 18
211862	FIBERTRAV 18
211863	FIBERTRAV 18
211864	FIBERTRAV 20
211865	FIBERTRAV 20
211866	FIBERTRAV 20
211867	FIBERTRAV 20
211868	FIBERTRAV 20
211869	FIBERTRAV 20
211870	FIBERTRAV 20
211871	FIBERTRAV 20
211872	FIBERTRAV 20
211873	FIBERTRAV 20
211874	FIBERTRAV 20
211875	FIBERTRAV 20
211876	FIBERTRAV 20
211877	FIBERTRAV 20
211878	FIBERTRAV 20
211879	FIBERTRAV 20
211880	FIBERTRAV 20
211881	FIBERTRAV 20
211882	FIBERTRAV 20
211883	FIBERTRAV 20
211884	FIBERTRAV 20
211885	FIBERTRAV 20
211886	FIBERTRAV 20
211887	FIBERTRAV 20
211888	FIBERTRAV 20
211889	FIBERTRAV 20
211890	FIBERTRAV 20
211891	FIBERTRAV 20
211892	FIBERTRAV 20
211893	FIBERTRAV 20
211894	FIBERTRAV 20
211895	FIBERTRAV 20
211896	FIBERTRAV 20
211897	FIBERTRAV 20

REF.	Family / Pg.
211898	FIBERTRAV 20
211899	FIBERTRAV 20
211900	FIBERTRAV 20
211901	FIBERTRAV 20
211902	FIBERTRAV 20
211903	FIBERTRAV 20
211904	FIBERTRAV 20
211905	FIBERTRAV 20
211906	FIBERTRAV 21
211907	FIBERTRAV 21
211908	FIBERTRAV 21
211909	FIBERTRAV 21
211910	FIBERTRAV 21
211911	FIBERTRAV 21
211912	FIBERTRAV 21
211913	FIBERTRAV 21
211914	FIBERTRAV 21
211915	FIBERTRAV 21
211916	FIBERTRAV 21
211917	FIBERTRAV 21
211918	FIBERTRAV 21
211919	FIBERTRAV 21
211920	FIBERTRAV 21
211921	FIBERTRAV 21
211922	FIBERTRAV 21
211923	FIBERTRAV 21
211924	FIBERTRAV 21
211925	FIBERTRAV 21
211926	FIBERTRAV 21
211927	FIBERTRAV 21
211928	FIBERTRAV 21
211929	FIBERTRAV 21
211930	FIBERTRAV 21
211931	FIBERTRAV 21
211932	FIBERTRAV 21
211933	FIBERTRAV 21
211934	FIBERTRAV 21
211935	FIBERTRAV 21
211936	FIBERTRAV 21
211937	FIBERTRAV 21
211938	FIBERTRAV 21
211939	FIBERTRAV 21
211940	FIBERTRAV 21
211941	FIBERTRAV 21
211942	FIBERTRAV 21
211943	FIBERTRAV 21
211944	FIBERTRAV 21
211945	FIBERTRAV 21
211946	FIBERTRAV 21
211947	FIBERTRAV 21
211948	FIBERTRAV 21
211949	FIBERTRAV 21
211950	FIBERTRAV 21
211951	FIBERTRAV 21
211952	FIBERTRAV 21
211953	FIBERTRAV 21
211954	FIBERTRAV 21
211955	FIBERTRAV 21

REF.	Family / Pg.
211956	FIBERTRAV 21
211957	FIBERTRAV 21
211958	FIBERTRAV 21
211959	FIBERTRAV 21
211960	FIBERTRAV 22
211961	FIBERTRAV 22
211962	FIBERTRAV 22
211963	FIBERTRAV 22
211964	FIBERTRAV 22
211965	FIBERTRAV 22
211966	FIBERTRAV 22
211967	FIBERTRAV 22
211968	FIBERTRAV 22
211969	FIBERTRAV 22
211970	FIBERTRAV 22
211971	FIBERTRAV 22
211972	FIBERTRAV 22
211973	FIBERTRAV 22
211974	FIBERTRAV 22
211975	FIBERTRAV 22
211976	FIBERTRAV 22
211977	FIBERTRAV 22
211978	FIBERTRAV 22
211979	FIBERTRAV 22
211980	FIBERTRAV 22
211981	FIBERTRAV 22
211982	FIBERTRAV 22
211983	FIBERTRAV 22
211984	FIBERTRAV 22
211985	FIBERTRAV 22
211986	FIBERTRAV 22
211987	FIBERTRAV 22
211988	FIBERTRAV 22
211989	FIBERTRAV 22
211990	FIBERTRAV 22
211991	FIBERTRAV 22
211992	FIBERTRAV 22
211993	FIBERTRAV 22
211994	FIBERTRAV 22
211995	FIBERTRAV 22
211996	FIBERTRAV 22
211997	FIBERTRAV 22
211998	FIBERTRAV 22
211999	FIBERTRAV 22
212000	FIBERTRAV 22
212001	FIBERTRAV 22
212002	FIBERTRAV 22
212003	FIBERTRAV 22
212004	FIBERTRAV 22
212005	FIBERTRAV 22
212006	FIBERTRAV 22
212007	FIBERTRAV 22
212008	FIBERTRAV 22
212009	FIBERTRAV 22
212010	FIBERTRAV 22
212011	FIBERTRAV 22
212012	FIBERTRAV 22
212013	FIBERTRAV 22

REF.	Family / Pg.
212014	FIBERTRAV 23
212015	FIBERTRAV 23
212016	FIBERTRAV 23
212017	FIBERTRAV 23
212018	FIBERTRAV 23
212019	FIBERTRAV 23
212020	FIBERTRAV 23
212021	FIBERTRAV 23
212022	FIBERTRAV 23
212023	FIBERTRAV 23
212024	FIBERTRAV 23
212025	FIBERTRAV 23
212026	FIBERTRAV 23
212027	FIBERTRAV 23
212028	FIBERTRAV 23
212029	FIBERTRAV 23
212030	FIBERTRAV 23
212031	FIBERTRAV 23
212032	FIBERTRAV 23
212033	FIBERTRAV 23
212034	FIBERTRAV 23
212035	FIBERTRAV 23
212036	FIBERTRAV 23
212037	FIBERTRAV 23
212038	FIBERTRAV 23
212039	FIBERTRAV 23
212040	FIBERTRAV 23
212041	FIBERTRAV 23
212042	FIBERTRAV 23
212043	FIBERTRAV 23
212044	FIBERTRAV 23
212045	FIBERTRAV 23
212046	FIBERTRAV 23
212047	FIBERTRAV 23
212048	FIBERTRAV 23
212049	FIBERTRAV 23
212050	FIBERTRAV 23
212051	FIBERTRAV 23
212052	FIBERTRAV 23
212053	FIBERTRAV 23
212054	FIBERTRAV 23
212055	FIBERTRAV 23
212056	FIBERTRAV 23
212057	FIBERTRAV 23
212058	FIBERTRAV 23
212059	FIBERTRAV 23
212060	FIBERTRAV 23
212061	FIBERTRAV 23
212062	FIBERTRAV 23
212063	FIBERTRAV 23
212064	FIBERTRAV 23
212065	FIBERTRAV 23
212066	FIBERTRAV 23
212067	FIBERTRAV 23
212068	FIBERTRAV 24
212069	FIBERTRAV 24
212070	FIBERTRAV 24
212071	FIBERTRAV 24

REF.	Family / Pg.
212072	FIBERTRAV 24
212073	FIBERTRAV 24
212074	FIBERTRAV 24
212075	FIBERTRAV 24
212076	FIBERTRAV 24
212077	FIBERTRAV 24
212078	FIBERTRAV 24
212079	FIBERTRAV 24
212080	BASORTRAV 107
212081	BASORTRAV 107
212082	BASORTRAV 107
212083	BASORTRAV 107
212084	BASORTRAV 107
212085	BASORTRAV 107
212086	BASORTRAV 107
212087	BASORTRAV 107
212088	BASORTRAV 107
212089	BASORTRAV 107
212090	BASORTRAV 107
212091	BASORTRAV 107
212092	BASORTRAV 107
212093	BASORTRAV 107
212094	BASORTRAV 107
212095	BASORTRAV 107
212096	BASORTRAV 70, 106
212097	BASORTRAV 63
212098	BASORTRAV 63
212099	BASORTRAV 63
212100	BASORTRAV 76
212102	BASORFIX 5
212109	BASORFIL 5
212112	BASORPLAST 18, 29
212114	BASORSUPPORT 16, 22
214241	BASORTRAY 30
214242	BASORTRAY 30
214243	BASORTRAY 30
214244	BASORFIL 14
214245	BASORTRAY 29
214246	BASORTRAY 29
214247	BASORTRAY 29
214248	BASORTRAY 29
214249	BASORTRAY 30
214250	BASORTRAY 30
214251	BASORTRAY 30
214252	BASORTRAY 30
214253	BASORTRAY 29
214254	BASORSUPPORT 16
214255	BASORTRAY 28
214256	BASORTRAY 28
214257	BASORTRAV 21
214258	BASORTRAV 21
214259	BASORTRAV 21
214260	BASORTRAV 21
214261	BASORTRAV 21
214262	BASORTRAV 21
214263	BASORTRAV 21
214266	BASORTRAV 22
214267	BASORTRAV 22

REF.	Family / Pg.
214268	BASORTRAV 22
214269	BASORTRAV 22
214270	BASORTRAV 22
214271	BASORTRAV 22
214272	BASORTRAV 22
214275	BASORTRAV 21
214276	BASORTRAV 21
214277	BASORTRAV 21
214278	BASORTRAV 21
214279	BASORTRAV 21
214280	BASORTRAV 21
214283	BASORTRAV 22
214284	BASORTRAV 22
214285	BASORTRAV 22
214286	BASORTRAV 22
214287	BASORTRAV 22
214288	BASORTRAV 22
214291	BASORTRAV 21
214292	BASORTRAV 21
214293	BASORTRAV 21
214294	BASORTRAV 21
214295	BASORTRAV 21
214296	BASORTRAV 21
214299	BASORTRAV 22
214300	BASORTRAV 22
214301	BASORTRAV 22
214302	BASORTRAV 22
214303	BASORTRAV 22
214304	BASORTRAV 22
214307	BASORSUPPORT 26
214352	BASORTRAV 21
214353	BASORTRAV 21
214354	BASORTRAV 21
214355	BASORTRAV 21
214356	BASORTRAV 21
214357	BASORTRAV 21
214358	BASORTRAV 21
214361	BASORTRAV 21
214362	BASORTRAV 21
214363	BASORTRAV 21
214364	BASORTRAV 21
214365	BASORTRAV 21
214366	BASORTRAV 21
214367	BASORTRAV 21
214370	BASORTRAV 22
214371	BASORTRAV 22
214372	BASORTRAV 22
214373	BASORTRAV 22
214374	BASORTRAV 22
214375	BASORTRAV 22
214376	BASORTRAV 22
214379	BASORTRAV 22
214380	BASORTRAV 22
214381	BASORTRAV 22
214382	BASORTRAV 22
214383	BASORTRAV 22
214384	BASORTRAV 22
214385	BASORTRAV 22

REF.	Family / Pg.
214388	BASORTRAV 21
214389	BASORTRAV 21
214390	BASORTRAV 21
214391	BASORTRAV 21
214392	BASORTRAV 21
214393	BASORTRAV 21
214396	BASORTRAV 21
214397	BASORTRAV 21
214398	BASORTRAV 21
214399	BASORTRAV 21
214400	BASORTRAV 21
214401	BASORTRAV 21
214404	BASORTRAV 22
214405	BASORTRAV 22
214406	BASORTRAV 22
214407	BASORTRAV 22
214408	BASORTRAV 22
214409	BASORTRAV 22
214412	BASORTRAV 22
214413	BASORTRAV 22
214414	BASORTRAV 22
214415	BASORTRAV 22
214416	BASORTRAV 22
214417	BASORTRAV 22
214420	BASORTRAV 21
214421	BASORTRAV 21
214422	BASORTRAV 21
214423	BASORTRAV 21
214424	BASORTRAV 21
214425	BASORTRAV 21
214428	BASORTRAV 21
214429	BASORTRAV 21
214430	BASORTRAV 21
214431	BASORTRAV 21
214432	BASORTRAV 21
214433	BASORTRAV 21
214436	BASORTRAV 22
214437	BASORTRAV 22
214438	BASORTRAV 22
214439	BASORTRAV 22
214440	BASORTRAV 22
214441	BASORTRAV 22
214444	BASORTRAV 22
214445	BASORTRAV 22
214446	BASORTRAV 22
214447	BASORTRAV 22
214448	BASORTRAV 22
214449	BASORTRAV 22
214463	FIBERTRAV 25
214464	FIBERTRAV 25
214465	FIBERTRAV 25
214466	FIBERTRAV 25
214467	FIBERTRAV 25
214468	FIBERTRAV 25
214469	FIBERTRAV 25
214470	FIBERTRAV 25
214471	FIBERTRAV 25
214472	BASORTRAV 107

REF.	Family / Pg.
214473	BASORTRAV 16, 56, 77, 81, 106
214474	BASORTRAY 39
214475	BASORTRAY 39
214476	BASORTRAY 39
214480	BASORTRAY 40
214481	BASORTRAY 40
214482	BASORTRAY 40
214483	BASORTRAY 40
214484	BASORTRAY 40
214485	BASORTRAY 40
214486	BASORTRAY 40
214487	BASORTRAY 40
214488	BASORTRAY 40
214489	BASORSUPPORT 13
214490	BASORSUPPORT 13
214491	BASORSUPPORT 13
214492	BASORSUPPORT 13
214493	BASORSUPPORT 13
214494	BASORSUPPORT 13
214495	BASORSUPPORT 13
214503	BASORTRAY 20
214504	BASORTRAY 20
214505	BASORTRAY 20
214506	BASORTRAY 20
214507	BASORTRAY 20
214508	BASORTRAY 20
214509	BASORTRAY 20
214510	BASORTRAY 20
214511	BASORTRAY 20
214512	BASORTRAY 20
214513	BASORTRAY 20
214514	BASORTRAY 20
214515	BASORTRAY 20
214516	BASORTRAY 20
214517	BASORTRAY 20
214518	BASORTRAY 20
214519	BASORTRAY 20
214520	BASORTRAY 20
214521	BASORTRAY 20
214522	BASORTRAY 20
214523	BASORTRAY 20
214524	BASORTRAY 20
214525	BASORTRAY 20
214526	BASORTRAY 20
214527	BASORTRAY 20
214528	BASORTRAY 20
214529	BASORTRAY 20
214530	BASORTRAY 20
214531	BASORTRAY 22
214532	BASORTRAY 22
214533	BASORTRAY 22
214534	BASORTRAY 22
214535	BASORTRAY 22
214536	BASORTRAY 22
214537	BASORTRAY 22
214538	BASORTRAY 22
214539	BASORTRAY 22
214540	BASORTRAY 22

REF.	Family / Pg.
214541	BASORTRAY 22
214542	BASORTRAY 22
214543	BASORTRAY 22
214544	BASORTRAY 22
214545	BASORTRAY 22
214546	BASORTRAY 22
214547	BASORTRAY 22
214548	BASORTRAY 22
214549	BASORTRAY 22
214550	BASORTRAY 22
214551	BASORTRAY 22
214552	BASORTRAY 22
214553	BASORTRAY 22
214554	BASORTRAY 22
214555	BASORTRAY 22
214556	BASORTRAY 22
214557	BASORTRAY 22
214558	BASORTRAY 22
214559	BASORTRAY 24
214560	BASORTRAY 24
214561	BASORTRAY 24
214562	BASORTRAY 24
214563	BASORTRAY 24
214564	BASORTRAY 24
214565	BASORTRAY 24
214566	BASORTRAY 24
214567	BASORTRAY 24
214568	BASORTRAY 24
214569	BASORTRAY 24
214570	BASORTRAY 24
214571	BASORTRAY 24
214572	BASORTRAY 24
214573	BASORTRAY 24
214574	BASORTRAY 24
214575	BASORTRAY 24
214576	BASORTRAY 24
214577	BASORTRAY 24
214578	BASORTRAY 24
214579	BASORTRAY 24
214580	BASORTRAY 24
214581	BASORTRAY 24
214582	BASORTRAY 24
214583	BASORTRAY 24
214584	BASORTRAY 24
214585	BASORTRAY 24
214586	BASORTRAY 24
214587	BASORTRAY 24
214588	BASORTRAY 24
214589	BASORTRAY 24
214590	BASORTRAY 24
214591	BASORTRAY 24
214592	BASORTRAY 24
214593	BASORTRAY 24
214594	BASORTRAY 24
214595	BASORTRAY 24
214596	BASORTRAY 24
214597	BASORTRAY 24
214598	BASORTRAY 24

REF.	Family / Pg.
214599	BASORTRAY 24
214600	BASORTRAY 24
214601	BASORTRAY 24
214602	BASORTRAY 24
214603	BASORTRAY 24
214604	BASORTRAY 24
214605	BASORTRAY 24
214606	BASORTRAY 24
214607	BASORTRAY 24
214608	BASORTRAY 24
214609	BASORTRAY 24
214610	BASORTRAY 24
214611	BASORTRAY 24
214612	BASORTRAY 24
214613	BASORTRAY 24
214614	BASORTRAY 24
214615	BASORTRAV 59
214617	BASORTRAV 59
214619	BASORTRAV 59
214621	BASORTRAV 59
214622	BASORTRAV 59
214623	BASORTRAV 59
214624	BASORTRAV 59
214626	BASORTRAV 59
214628	BASORTRAV 59
214630	BASORTRAV 59
214631	BASORTRAV 59
214632	BASORTRAV 59
214633	BASORTRAV 59
214635	BASORTRAV 59
214637	BASORTRAV 59
214639	BASORTRAV 59
214640	BASORTRAV 59
214641	BASORTRAV 59
214642	BASORTUB 7,BASORFIX 13
214643	BASORTUB 7,BASORFIX 13
214644	BASORTUB 7,BASORFIX 13
214645	BASORTUB 7,BASORFIX 13
214646	BASORTUB 7,BASORFIX 13
214647	BASORTUB 7,BASORFIX 13
214648	BASORTUB 7,BASORFIX 13
214649	BASORTUB 7,BASORFIX 13
214650	BASORTUB 7,BASORFIX 13
214651	BASORTRAV 23
214652	BASORTRAV 23
214653	BASORTRAV 23
214654	BASORTRAV 23
214655	BASORTRAV 23
214656	BASORTRAV 23
214657	BASORTRAV 23
214658	BASORTRAV 23
214659	BASORTRAV 23
214660	BASORTRAV 23
214661	BASORTRAV 23
214662	BASORTRAV 23
214663	BASORTRAV 23
214664	BASORTRAV 23
214665	BASORTRAV 23

REF.	Family / Pg.
214666	BASORTRAV 23
214667	BASORTRAV 23
214668	BASORTRAV 23
214669	BASORTRAV 23
214670	BASORTRAV 23
214671	BASORTRAV 23
214672	BASORTRAV 23
214673	BASORTRAV 23
214674	BASORTRAV 23
214675	BASORTRAV 23
214676	BASORTRAV 23
214677	BASORTRAV 23
214678	BASORTRAV 23
214679	BASORTRAV 23
214680	BASORTRAV 23
214681	BASORTRAV 23
214682	BASORTRAV 23
214683	BASORTRAV 23
214684	BASORTRAV 23
214685	BASORTRAV 23
214686	BASORTRAV 23
214687	BASORTRAV 23
214688	BASORTRAV 23
214689	BASORTRAV 23
214690	BASORTRAV 23
214691	BASORTRAV 23
214692	BASORTRAV 23
214693	BASORTRAV 23
214694	BASORTRAV 23
214695	BASORTRAV 23
214696	BASORTRAV 23
214697	BASORTRAV 23
214698	BASORTRAV 23
214699	BASORTRAV 23
214700	BASORTRAV 23
214701	BASORTRAV 23
214702	BASORTRAV 23
214703	BASORTRAV 24
214704	BASORTRAV 24
214705	BASORTRAV 24
214706	BASORTRAV 24
214707	BASORTRAV 24
214708	BASORTRAV 24
214709	BASORTRAV 24
214710	BASORTRAV 24
214711	BASORTRAV 24
214712	BASORTRAV 24
214713	BASORTRAV 24
214714	BASORTRAV 24
214715	BASORTRAV 24
214716	BASORTRAV 24
214717	BASORTRAV 24
214718	BASORTRAV 24
214719	BASORTRAV 24
214720	BASORTRAV 24
214721	BASORTRAV 24
214722	BASORTRAV 24
214723	BASORTRAV 24

REF.	Family / Pg.
214724	BASORTRAV 24
214725	BASORTRAV 24
214726	BASORTRAV 24
214727	BASORTRAV 24
214728	BASORTRAV 24
214729	BASORTRAV 27
214730	BASORTRAV 27
214731	BASORTRAV 27
214732	BASORTRAV 27
214733	BASORTRAV 27
214734	BASORTRAV 27
214735	BASORTRAV 27
214736	BASORTRAV 27
214737	BASORTRAV 27
214738	BASORTRAV 27
214739	BASORTRAV 27
214740	BASORTRAV 27
214741	BASORTRAV 27
214742	BASORTRAV 27
214743	BASORTRAV 27
214744	BASORTRAV 27
214745	BASORTRAV 27
214746	BASORTRAV 27
214747	BASORTRAV 27
214748	BASORTRAV 27
214749	BASORTRAV 27
214750	BASORTRAV 27
214751	BASORTRAV 27
214752	BASORTRAV 27
214753	BASORTRAV 27
214754	BASORTRAV 27
214755	BASORTRAV 27
214756	BASORTRAV 27
214757	BASORTRAV 27
214758	BASORTRAV 27
214759	BASORTRAV 27
214760	BASORTRAV 27
214761	BASORTRAV 27
214762	BASORTRAV 27
214763	BASORTRAV 27
214764	BASORTRAV 27
214765	BASORTRAV 27
214766	BASORTRAV 27
214767	BASORTRAV 27
214768	BASORTRAV 27
214769	BASORTRAV 27
214770	BASORTRAV 27
214771	BASORTRAV 27
214772	BASORTRAV 27
214773	BASORTRAV 27
214774	BASORTRAV 27
214775	BASORTRAV 27
214776	BASORTRAV 27
214777	BASORTRAV 27
214778	BASORTRAV 27
214779	BASORTRAV 27
214780	BASORTRAV 27
214781	BASORTRAV 28

REF.	Family / Pg.
214782	BASORTRAV 28
214783	BASORTRAV 28
214784	BASORTRAV 28
214785	BASORTRAV 28
214786	BASORTRAV 28
214787	BASORTRAV 28
214788	BASORTRAV 28
214789	BASORTRAV 28
214790	BASORTRAV 28
214791	BASORTRAV 28
214792	BASORTRAV 28
214793	BASORTRAV 28
214794	BASORTRAV 28
214795	BASORTRAV 28
214796	BASORTRAV 28
214797	BASORTRAV 28
214798	BASORTRAV 28
214799	BASORTRAV 28
214800	BASORTRAV 28
214801	BASORTRAV 28
214802	BASORTRAV 28
214803	BASORTRAV 28
214804	BASORTRAV 28
214805	BASORTRAV 28
214806	BASORTRAV 28
214807	BASORTRAV 31
214808	BASORTRAV 31
214809	BASORSUPPORT 16, 27
214810	BASORTRAV 31
214811	BASORTRAV 31
214812	BASORTRAV 31
214813	BASORTRAV 31
214814	BASORTRAV 31
214815	BASORTRAV 31
214816	BASORTRAV 31
214817	BASORTRAV 31
214818	BASORTRAV 31
214819	BASORTRAV 31
214820	BASORTRAV 31
214821	BASORTRAV 31
214822	BASORTRAV 31
214823	BASORTRAV 31
214824	BASORTRAV 31
214825	BASORTRAV 31
214826	BASORTRAV 31
214827	BASORTRAV 31
214828	BASORTRAV 31
214829	BASORTRAV 31
214830	BASORTRAV 31
214831	BASORTRAV 31
214832	BASORTRAV 31
214833	BASORTRAV 31
214834	BASORTRAV 31
214835	BASORTRAV 31
214836	BASORTRAV 31
214837	BASORTRAV 31
214838	BASORTRAV 31
214839	BASORTRAV 31

REF.	Family / Pg.
214840	BASORTRAV 31
214841	BASORTRAV 31
214842	BASORTRAV 31
214843	BASORTRAV 31
214844	BASORTRAV 31
214845	BASORTRAV 31
214846	BASORTRAV 31
214847	BASORTRAV 31
214848	BASORTRAV 31
214849	BASORTRAV 31
214850	BASORTRAV 31
214851	BASORTRAV 31
214852	BASORTRAV 31
214853	BASORTRAV 31
214854	BASORTRAV 31
214855	BASORTRAV 31
214856	BASORTRAV 31
214857	BASORTRAV 31
214858	BASORTRAV 31
214859	BASORTRAV 31
214860	BASORTRAV 32
214861	BASORTRAV 32
214862	BASORTRAV 32
214863	BASORTRAV 32
214864	BASORTRAV 32
214865	BASORTRAV 32
214866	BASORTRAV 32
214867	BASORTRAV 32
214868	BASORTRAV 32
214869	BASORTRAV 32
214870	BASORTRAV 32
214871	BASORTRAV 32
214872	BASORTRAV 32
214873	BASORTRAV 32
214874	BASORTRAV 32
214875	BASORTRAV 32
214876	BASORTRAV 32
214877	BASORTRAV 32
214878	BASORTRAV 32
214879	BASORTRAV 32
214880	BASORTRAV 32
214881	BASORTRAV 32
214882	BASORTRAV 32
214883	BASORTRAV 32
214884	BASORTRAV 32
214885	BASORTRAV 32
214886	BASORTRAV 25
214887	BASORTRAV 25
214888	BASORTRAV 25
214889	BASORTRAV 25
214890	BASORTRAV 25
214891	BASORTRAV 25
214892	BASORTRAV 25
214893	BASORTRAV 25
214894	BASORTRAV 25
214895	BASORTRAV 25
214896	BASORTRAV 25
214897	BASORTRAV 25

REF.	Family / Pg.
214898	BASORTRAV 25
214899	BASORTRAV 25
214900	BASORTRAV 25
214901	BASORTRAV 25
214902	BASORTRAV 25
214903	BASORTRAV 25
214904	BASORTRAV 25
214905	BASORTRAV 25
214906	BASORTRAV 25
214907	BASORTRAV 25
214908	BASORTRAV 25
214909	BASORTRAV 25
214910	BASORTRAV 25
214911	BASORTRAV 25
214912	BASORTRAV 25
214913	BASORTRAV 25
214914	BASORTRAV 25
214915	BASORTRAV 25
214916	BASORTRAV 25
214917	BASORTRAV 25
214918	BASORTRAV 25
214919	BASORTRAV 25
214920	BASORTRAV 25
214921	BASORTRAV 25
214922	BASORTRAV 25
214923	BASORTRAV 25
214924	BASORTRAV 25
214925	BASORTRAV 25
214926	BASORTRAV 25
214927	BASORTRAV 25
214928	BASORTRAV 25
214929	BASORTRAV 25
214930	BASORTRAV 25
214931	BASORTRAV 25
214932	BASORTRAV 25
214933	BASORTRAV 25
214934	BASORTRAV 25
214935	BASORTRAV 25
214936	BASORTRAV 25
214937	BASORTRAV 25
214938	BASORTRAV 79
214939	BASORTRAV 79
214940	BASORTRAV 79
214941	BASORTRAY 53
214942	BASORTRAV 89
214943	BASORTRAV 89
214944	BASORTRAV 89
214945	BASORTRAV 90
214946	BASORTRAV 90
214947	BASORTRAV 90
214948	BASORTRAV 91
214949	BASORTRAV 91
214950	BASORTRAV 91
214951	BASORTRAV 95
214952	BASORTRAV 95
214953	BASORTRAV 95
214954	BASORTRAV 95
214955	BASORTRAV 95

REF.	Family / Pg.
214956	BASORTRAV 95
214957	BASORTRAV 95
214958	BASORTRAV 95
214959	BASORTRAV 95
214960	BASORTRAV 96
214961	BASORTRAV 96
214962	BASORTRAV 96
214963	BASORTRAV 96
214964	BASORTRAV 96
214965	BASORTRAV 96
214966	BASORTRAV 96
214967	BASORTRAV 96
214968	BASORTRAV 96
214969	BASORTRAV 97
214970	BASORTRAV 97
214971	BASORTRAV 97
214972	BASORTRAV 97
214973	BASORTRAV 97
214974	BASORTRAV 97
214975	BASORTRAV 97
214976	BASORTRAV 97
214977	BASORTRAV 97
214978	BASORTRAV 101
214979	BASORTRAV 101
214980	BASORTRAV 101
214981	BASORTRAV 102
214982	BASORTRAV 102
214983	BASORTRAV 102
214984	BASORTRAV 103
214985	BASORTRAV 103
214986	BASORTRAV 103
214987	BASORTRAV 104
214988	BASORTRAV 104
214989	BASORTRAV 104
214990	BASORTRAV 105
214991	BASORTRAV 105
214992	BASORTRAV 105
214993	BASORTRAY 34
214994	BASORTRAY 33
214995	BASORTRAY 33
214996	BASORTRAY 33
214997	BASORTRAY 33
214998	BASORTRAY 33
214999	BASORTRAY 34
215000	BASORTRAY 33
215001	BASORTRAY 33
215002	BASORTRAY 33
215003	BASORTRAY 33
215004	BASORTRAY 33
215005	BASORTRAY 33
215006	BASORTRAY 33
215007	BASORTRAY 33
215008	BASORTRAY 33
215009	BASORTRAY 33
215010	BASORTRAY 33
215011	BASORTRAY 33
215012	BASORTRAY 33
215013	BASORTRAY 33

REF.	Family / Pg.
215014	BASORTRAY 34
215015	BASORTRAY 34
215016	BASORTRAY 35
215017	BASORTRAY 35
215018	BASORTRAY 35
215019	BASORTRAY 35
215020	BASORTRAY 35
215021	BASORTRAY 35
215022	BASORTRAY 35
215023	BASORTRAY 35
215024	BASORTRAY 35
215025	BASORTRAY 35
215026	BASORTRAY 35
215027	BASORTRAY 35
215028	BASORTRAY 35
215029	BASORTRAY 35
215030	BASORTRAY 35
215031	BASORTRAY 35
215032	BASORTRAY 35
215033	BASORTRAY 35
215034	BASORTRAY 35
215035	BASORTRAY 35
215036	BASORTRAY 35
215037	BASORTRAY 35
215038	BASORTRAY 35
215039	BASORTRAY 36
215040	BASORTRAY 36
215041	BASORTRAY 36
215042	BASORTRAY 36
215043	BASORTRAY 36
215044	BASORTRAY 36
215045	BASORTRAY 36
215046	BASORTRAY 36
215047	BASORTRAY 36
215048	BASORTRAY 36
215049	BASORTRAY 36
215050	BASORTRAY 36
215051	BASORTRAY 36
215052	BASORTRAY 36
215053	BASORTRAY 36
215054	BASORTRAY 36
215055	BASORTRAY 36
215056	BASORTRAY 36
215057	BASORTRAY 36
215058	BASORTRAY 36
215059	BASORTRAY 36
215060	BASORTRAY 36
215061	BASORTRAY 36
215062	BASORTRAV 106
215063	BASORTRAV 106
215064	BASORTRAV 106
215065	BASORTRAV 69
215066	BASORTRAY 37
215067	BASORTRAY 37
215072	BASORTRAY 38
215073	BASORTRAY 38
215085	BASORTRAY 37
215086	BASORTRAY 37

REF.	Family / Pg.
215087	BASORTRAY 37
215088	BASORTRAY 37
215089	BASORTRAY 37
215090	BASORTRAY 37
215091	BASORTRAY 37
215092	BASORTRAY 37
215093	BASORTRAY 37
215094	BASORTRAY 37
215095	BASORTRAY 37
215096	BASORTRAY 37
215097	BASORTRAY 37
215098	BASORTRAY 37
215099	BASORTRAY 37
215100	BASORTRAY 37
215101	BASORTRAY 37
215102	BASORTRAY 37
215103	BASORTRAY 37
215104	BASORTRAY 37
215105	BASORTRAY 37
215106	BASORTRAY 37
215107	BASORTRAY 37
215108	BASORTRAY 38
215109	BASORTRAY 38
215110	BASORTRAY 38
215111	BASORTRAY 38
215112	BASORTRAY 38
215113	BASORTRAY 38
215114	BASORTRAY 38
215115	BASORTRAY 38
215116	BASORTRAY 38
215117	BASORTRAY 38
215118	BASORTRAY 38
215119	BASORTRAY 38
215120	BASORTRAY 38
215121	BASORTRAY 38
215122	BASORTRAY 38
215123	BASORTRAY 38
215124	BASORTRAY 38
215125	BASORTRAY 38
215126	BASORTRAY 38
215127	BASORTRAY 38
215128	BASORTRAY 38
215129	BASORTRAY 38
215130	BASORTRAY 38
215133	BASORTRAY 40
215134	BASORTRAY 39
215135	BASORTRAY 39
215136	BASORTRAV 59
215137	BASORTRAV 59
215138	BASORTRAV 59
215139	BASORTRAV 59
215140	BASORTRAV 59
215141	BASORTRAV 59
215142	BASORTRAV 59
215143	BASORTRAV 59
215144	BASORTRAV 59
215145	BASORTRAV 59
215146	BASORTRAV 59

REF.	Family / Pg.
215147	BASORTRAV 59
215148	BASORTRAV 59
215149	BASORTRAV 59
215150	BASORTRAV 59
215151	BASORTRAV 59
215152	BASORTRAV 59
215153	BASORTRAV 59
215154	BASORTRAV 59
215155	BASORTRAV 59
215156	BASORTRAV 59
215157	BASORTRAV 59
215158	BASORTRAV 59
215159	BASORTRAV 59
215160	BASORTRAV 59
215161	BASORTRAV 59
215162	BASORTRAV 59
215163	BASORTRAV 59
215164	BASORTRAV 59
215165	BASORTRAV 59
215166	BASORTRAV 59
215167	BASORTRAV 59
215168	BASORTRAV 59
215169	BASORTRAV 59
215170	BASORTRAV 59
215171	BASORTRAV 59
215172	BASORTRAV 59
215173	BASORTRAV 59
215174	BASORTRAV 59
215175	BASORTRAV 59
215176	BASORTRAV 59
215177	BASORTRAV 59
215178	BASORTRAV 59
215179	BASORTRAV 59
215180	BASORTRAV 59
215181	BASORTRAV 59
215182	BASORTRAV 59
215183	BASORTRAV 59
215184	BASORTRAV 64
215185	BASORTRAV 64
215186	BASORTRAV 64
215187	BASORTRAV 64
215188	BASORTRAV 64
215189	BASORTRAV 64
215190	BASORTRAV 64
215191	BASORTRAV 64
215192	BASORTRAV 64
215193	BASORTRAV 64
215194	BASORTRAV 64
215195	BASORTRAV 64
215196	BASORTRAV 64
215197	BASORTRAV 64
215198	BASORTRAV 64
215199	BASORTRAV 64
215200	BASORTRAV 64
215201	BASORTRAV 64
215202	BASORTRAV 64
215203	BASORTRAV 64
215204	BASORTRAV 64

REF.	Family / Pg.
215205	BASORTRAV 64
215206	BASORTRAV 64
215207	BASORTRAV 64
215208	BASORTRAV 64
215209	BASORTRAV 64
215210	BASORTRAV 64
215211	BASORTRAV 64
215212	BASORTRAV 64
215213	BASORTRAV 64
215214	BASORTRAV 64
215215	BASORTRAV 64
215216	BASORTRAV 64
215217	BASORTRAV 64
215218	BASORTRAV 64
215219	BASORTRAV 64
215220	BASORTRAV 64
215221	BASORTRAV 64
215222	BASORTRAV 64
215223	BASORTRAV 64
215224	BASORTRAV 64
215225	BASORTRAV 64
215226	BASORTRAV 64
215227	BASORTRAV 64
215228	BASORTRAV 64
215229	BASORTRAV 64
215230	BASORTRAV 64
215231	BASORTRAV 64
215232	BASORTRAV 65
215233	BASORTRAV 65
215234	BASORTRAV 65
215235	BASORTRAV 65
215236	BASORTRAV 65
215237	BASORTRAV 65
215238	BASORTRAV 65
215239	BASORTRAV 65
215240	BASORTRAV 65
215241	BASORTRAV 65
215242	BASORTRAV 65
215243	BASORTRAV 65
215244	BASORTRAV 65
215245	BASORTRAV 65
215246	BASORTRAV 65
215247	BASORTRAV 65
215248	BASORTRAV 65
215249	BASORTRAV 65
215250	BASORTRAV 65
215251	BASORTRAV 65
215252	BASORTRAV 65
215253	BASORTRAV 65
215254	BASORTRAV 65
215255	BASORTRAV 65
215256	BASORTRAV 65
215257	BASORTRAV 65
215258	BASORTRAV 65
215259	BASORTRAV 65
215260	BASORTRAV 65
215261	BASORTRAV 65
215262	BASORTRAV 65

REF.	Family / Pg.
215263	BASORTRAV 65
215264	BASORTRAV 65
215265	BASORTRAV 65
215266	BASORTRAV 65
215267	BASORTRAV 65
215268	BASORTRAV 65
215269	BASORTRAV 65
215270	BASORTRAV 65
215271	BASORTRAV 65
215272	BASORTRAV 65
215273	BASORTRAV 65
215274	BASORTRAV 65
215275	BASORTRAV 65
215276	BASORTRAV 65
215277	BASORTRAV 65
215278	BASORTRAV 65
215279	BASORTRAV 65
215280	BASORTRAV 66
215281	BASORTRAV 66
215282	BASORTRAV 66
215283	BASORTRAV 66
215284	BASORTRAV 66
215285	BASORTRAV 66
215286	BASORTRAV 66
215287	BASORTRAV 66
215288	BASORTRAV 66
215289	BASORTRAV 66
215290	BASORTRAV 66
215291	BASORTRAV 66
215292	BASORTRAV 66
215293	BASORTRAV 66
215294	BASORTRAV 66
215295	BASORTRAV 66
215296	BASORTRAV 66
215297	BASORTRAV 66
215298	BASORTRAV 66
215299	BASORTRAV 66
215300	BASORTRAV 66
215301	BASORTRAV 66
215302	BASORTRAV 66
215303	BASORTRAV 66
215304	BASORTRAV 66
215305	BASORTRAV 66
215306	BASORTRAV 66
215307	BASORTRAV 66
215308	BASORTRAV 66
215309	BASORTRAV 66
215310	BASORTRAV 66
215311	BASORTRAV 66
215312	BASORTRAV 66
215313	BASORTRAV 66
215314	BASORTRAV 66
215315	BASORTRAV 66
215316	BASORTRAV 66
215317	BASORTRAV 66
215318	BASORTRAV 66
215319	BASORTRAV 66
215320	BASORTRAV 66

REF.	Family / Pg.
215321	BASORTRAV 66
215322	BASORTRAV 66
215323	BASORTRAV 66
215324	BASORTRAV 66
215325	BASORTRAV 66
215326	BASORTRAV 66
215327	BASORTRAV 66
215328	BASORTRAV 67
215329	BASORTRAV 67
215330	BASORTRAV 67
215331	BASORTRAV 67
215332	BASORTRAV 67
215333	BASORTRAV 67
215334	BASORTRAV 67
215335	BASORTRAV 67
215336	BASORTRAV 67
215337	BASORTRAV 67
215338	BASORTRAV 67
215339	BASORTRAV 67
215340	BASORTRAV 67
215341	BASORTRAV 67
215342	BASORTRAV 67
215343	BASORTRAV 67
215344	BASORTRAV 67
215345	BASORTRAV 67
215346	BASORTRAV 67
215347	BASORTRAV 67
215348	BASORTRAV 67
215349	BASORTRAV 67
215350	BASORTRAV 67
215351	BASORTRAV 67
215352	BASORTRAV 67
215353	BASORTRAV 67
215354	BASORTRAV 67
215355	BASORTRAV 67
215356	BASORTRAV 67
215357	BASORTRAV 67
215358	BASORTRAV 67
215359	BASORTRAV 67
215360	BASORTRAV 67
215361	BASORTRAV 67
215362	BASORTRAV 67
215363	BASORTRAV 67
215364	BASORTRAV 67
215365	BASORTRAV 67
215366	BASORTRAV 67
215367	BASORTRAV 67
215368	BASORTRAV 67
215369	BASORTRAV 67
215370	BASORTRAV 67
215371	BASORTRAV 67
215372	BASORTRAV 67
215373	BASORTRAV 67
215374	BASORTRAV 67
215375	BASORTRAV 67
215376	BASORTRAV 68
215377	BASORTRAV 68
215378	BASORTRAV 68

REF.	Family / Pg.
215379	BASORTRAV 68
215380	BASORTRAV 68
215381	BASORTRAV 68
215382	BASORTRAV 68
215383	BASORTRAV 68
215384	BASORTRAV 68
215385	BASORTRAV 68
215386	BASORTRAV 68
215387	BASORTRAV 68
215388	BASORTRAV 68
215389	BASORTRAV 68
215390	BASORTRAV 68
215391	BASORTRAV 68
215392	BASORTRAV 68
215393	BASORTRAV 68
215394	BASORTRAV 68
215395	BASORTRAV 68
215396	BASORTRAV 68
215397	BASORTRAV 68
215398	BASORTRAV 68
215399	BASORTRAV 68
215400	BASORTRAV 68
215401	BASORTRAV 68
215402	BASORTRAV 68
215403	BASORTRAV 68
215404	BASORTRAV 68
215405	BASORTRAV 68
215406	BASORTRAV 68
215407	BASORTRAV 68
215408	BASORTRAV 68
215409	BASORTRAV 68
215410	BASORTRAV 68
215411	BASORTRAV 68
215412	BASORTRAV 68
215413	BASORTRAV 68
215414	BASORTRAV 68
215415	BASORTRAV 68
215416	BASORTRAV 68
215417	BASORTRAV 68
215418	BASORTRAV 68
215419	BASORTRAV 68
215420	BASORTRAV 68
215421	BASORTRAV 68
215422	BASORTRAV 68
215423	BASORTRAV 68
215424	BASORTRAV 69
215425	BASORTRAV 69
215426	BASORTRAV 69
215427	BASORTRAV 69
215428	BASORTRAV 69
215429	BASORTRAV 69
215430	BASORTRAV 69
215431	BASORTRAV 69
215432	BASORTRAV 69
215433	BASORTRAV 69
215434	BASORTRAV 69
215435	BASORTRAV 69
215436	BASORTRAV 69

REF.	Family / Pg.
215437	BASORTRAV 69
215438	BASORTRAV 69
215439	BASORTRAV 69
215440	BASORTRAV 69
215441	BASORTRAV 69
215442	BASORTRAV 69
215443	BASORTRAV 69
215444	BASORTRAV 69
215445	BASORTRAV 107
215446	BASORTRAY 33
215447	BASORTRAY 33
215448	BASORTRAY 33
215449	BASORTRAY 33
215451	BASORFIL 8
215452	BASORTRAY 34
215453	BASORTRAY 34
215454	BASORTRAY 33
215455	BASORTRAY 33
215456	BASORTRAY 33
215457	BASORTRAY 33
215458	BASORTRAY 33
215459	BASORTRAY 33
215460	BASORTRAY 34
215461	BASORTRAY 34
215462	BASORTRAY 33
215463	BASORTRAY 33
215464	BASORTRAY 33
215465	BASORTRAY 33
215466	BASORTRAY 33
215467	BASORTRAY 33
215468	BASORTRAY 34
215469	BASORTRAY 34
215470	BASORTRAY 34
215471	BASORTRAY 35
215472	BASORTRAY 35
215473	BASORTRAY 35
215474	BASORTRAY 35
215475	BASORTRAY 40
215476	BASORTRAV 69
215477	BASORTRAY 35
215478	BASORTRAY 35
215479	BASORTRAY 35
215480	BASORTRAY 35
215481	BASORTRAY 35
215482	BASORTRAY 35
215483	BASORTRAY 35
215484	BASORTRAY 35
215485	BASORTRAY 35
215486	BASORTRAY 35
215487	BASORTRAY 35
215488	BASORTRAY 35
215489	BASORTRAY 35
215490	BASORTRAY 35
215491	BASORTRAY 35
215492	BASORTRAY 35
215493	BASORTRAY 35
215494	BASORTRAY 35
215495	BASORTRAY 35

REF.	Family / Pg.
215496	BASORTRAY 36
215497	BASORTRAY 36
215498	BASORTRAY 36
215499	BASORTRAY 36
215500	BASORTRAY 28
215501	BASORFIX 20
215502	BASORTRAY 36
215503	BASORTRAY 36
215504	BASORTRAY 36
215505	BASORTRAY 36
215506	BASORTRAY 36
215507	BASORTRAY 36
215508	BASORTRAY 36
215509	BASORTRAY 36
215510	BASORTRAY 36
215511	BASORTRAY 36
215512	BASORTRAY 36
215513	BASORTRAY 36
215514	BASORTRAY 36
215515	BASORTRAY 36
215516	BASORTRAY 36
215517	BASORTRAY 36
215518	BASORTRAY 36
215519	BASORTRAY 36
215520	BASORTRAY 36
215521	BASORTRAY 39
215522	BASORTRAY 39
215523	BASORTRAY 39
215524	BASORTRAY 39
215525	BASORTRAY 39
215526	BASORTRAY 39
215527	BASORTRAY 39
215528	BASORTRAY 39
215529	BASORTRAY 39
215530	BASORTRAY 39
215531	BASORTRAY 39
215532	BASORTRAY 39
215533	BASORTRAY 39
215534	BASORTRAY 39
215535	BASORTRAY 39
215536	BASORTRAY 39
215537	BASORTRAY 39
215538	BASORTRAY 39
215539	BASORTRAV 69
215540	BASORTRAV 69
215541	BASORTRAV 69
215542	BASORTRAV 69
215543	BASORTRAV 69
215544	BASORTRAY 28, 40
215545	BASORTRAY 28, 40
215546	BASORTRAY 37
215547	BASORTRAY 37
215548	BASORTRAY 37
215549	BASORTRAY 37
215550	BASORTRAV 69
215551	BASORTRAV 69
215552	BASORTRAY 37
215553	BASORTRAY 37

REF.	Family / Pg.
215554	BASORTRAY 37
215555	BASORTRAY 37
215556	BASORTRAY 37
215557	BASORTRAY 37
215558	BASORTRAY 37
215559	BASORTRAY 37
215560	BASORTRAY 37
215561	BASORTRAY 37
215562	BASORTRAY 37
215563	BASORTRAY 37
215564	BASORTRAY 37
215565	BASORTRAY 37
215566	BASORTRAY 37
215567	BASORTRAY 37
215568	BASORTRAY 37
215569	BASORTRAY 37
215570	BASORTRAY 37
215571	BASORTRAY 38
215572	BASORTRAY 38
215573	BASORTRAY 38
215574	BASORTRAY 38
215575	BASORTRAV 70, 106, FIBERTRAV 25
215576	BASORFIL 7
215577	BASORTRAY 38
215578	BASORTRAY 38
215579	BASORTRAY 38
215580	BASORTRAY 38
215581	BASORTRAY 38
215582	BASORTRAY 38
215583	BASORTRAY 38
215584	BASORTRAY 38
215585	BASORTRAY 38
215586	BASORTRAY 38
215587	BASORTRAY 38
215588	BASORTRAY 38
215589	BASORTRAY 38
215590	BASORTRAY 38
215591	BASORTRAY 38
215592	BASORTRAY 38
215593	BASORTRAY 38
215594	BASORTRAY 38
215595	BASORTRAY 38
215596	BASORTRAY 40
215598	BASORTRAY 39
215599	BASORTRAY 39
215605	BASORTRAV 26
215606	BASORTRAV 26
215607	BASORTRAV 26
215608	BASORTRAV 26
215609	BASORTRAV 26
215610	BASORTRAV 26
215611	BASORTRAV 26
215612	BASORTRAV 26
215613	BASORTRAV 26
215614	BASORTRAV 26
215615	BASORTRAV 26
215616	BASORTRAV 26

REF.	Family / Pg.
215617	BASORTRAV 26
215618	BASORTRAV 26
215619	BASORTRAV 26
215620	BASORTRAV 26
215621	BASORTRAV 26
215622	BASORTRAV 26
215623	BASORTRAV 26
215624	BASORTRAV 26
215625	BASORTRAV 26
215626	BASORTRAV 26
215627	BASORTRAV 26
215628	BASORTRAV 26
215629	BASORTRAV 26
215630	BASORTRAV 26
215631	BASORTRAV 26
215632	BASORTRAV 26
215633	BASORTRAV 26
215634	BASORTRAV 26
215635	BASORTRAV 26
215636	BASORTRAV 26
215637	BASORTRAV 26
215638	BASORTRAV 26
215639	BASORTRAV 26
215640	BASORTRAV 26
215641	BASORTRAV 26
215642	BASORTRAV 26
215643	BASORTRAV 26
215644	BASORTRAV 26
215645	BASORTRAV 26
215646	BASORTRAV 26
215647	BASORTRAV 26
215648	BASORTRAV 26
215649	BASORTRAV 26
215650	BASORTRAV 26
215651	BASORTRAV 26
215652	BASORTRAV 26
215653	BASORTRAV 26
215654	BASORTRAV 26
215655	BASORTRAV 26
215656	BASORTRAV 26
215657	BASORTRAV 29
215658	BASORTRAV 29
215659	BASORTRAV 29
215660	BASORTRAV 29
215661	BASORTRAV 29
215662	BASORTRAV 29
215663	BASORTRAV 29
215664	BASORTRAV 29
215665	BASORTRAV 29
215666	BASORTRAV 29
215667	BASORTRAV 29
215668	BASORTRAV 29
215669	BASORTRAV 29
215670	BASORTRAV 29
215671	BASORTRAV 29
215672	BASORTRAV 29
215673	BASORTRAV 29
215674	BASORTRAV 29

REF.	Family / Pg.
215675	BASORTRAV 29
215676	BASORTRAV 29
215677	BASORTRAV 29
215678	BASORTRAV 29
215679	BASORTRAV 29
215680	BASORTRAV 29
215681	BASORTRAV 29
215682	BASORTRAV 29
215683	BASORTRAV 29
215684	BASORTRAV 29
215685	BASORTRAV 29
215686	BASORTRAV 29
215687	BASORTRAV 29
215688	BASORTRAV 29
215689	BASORTRAV 29
215690	BASORTRAV 29
215691	BASORTRAV 29
215692	BASORTRAV 29
215693	BASORTRAV 29
215694	BASORTRAV 29
215695	BASORTRAV 29
215696	BASORTRAV 29
215697	BASORTRAV 29
215698	BASORTRAV 29
215699	BASORTRAV 29
215700	BASORTRAV 29
215701	BASORTRAV 29
215702	BASORTRAV 29
215703	BASORTRAV 29
215704	BASORTRAV 29
215705	BASORTRAV 29
215706	BASORTRAV 29
215707	BASORTRAV 29
215708	BASORTRAV 29
215709	BASORTRAV 30
215710	BASORTRAV 30
215711	BASORTRAV 30
215712	BASORTRAV 30
215713	BASORTRAV 30
215714	BASORTRAV 30
215715	BASORTRAV 30
215716	BASORTRAV 30
215717	BASORTRAV 30
215718	BASORTRAV 30
215719	BASORTRAV 30
215720	BASORTRAV 30
215721	BASORTRAV 30
215722	BASORTRAV 30
215723	BASORTRAV 30
215724	BASORTRAV 30
215725	BASORTRAV 30
215726	BASORTRAV 30
215727	BASORTRAV 30
215728	BASORTRAV 30
215729	BASORTRAV 30
215730	BASORTRAV 30
215731	BASORTRAV 30
215732	BASORTRAV 30

REF.	Family / Pg.
215733	BASORTRAV 30
215734	BASORTRAV 30
215735	BASORTRAV 30
215736	BASORTRAV 30
215737	BASORTRAV 30
215738	BASORTRAV 30
215739	BASORTRAV 30
215740	BASORTRAV 30
215741	BASORTRAV 30
215742	BASORTRAV 30
215743	BASORTRAV 30
215744	BASORTRAV 30
215745	BASORTRAV 30
215746	BASORTRAV 30
215747	BASORTRAV 30
215748	BASORTRAV 30
215749	BASORTRAV 30
215750	BASORTRAV 30
215751	BASORTRAV 30
215752	BASORTRAV 30
215753	BASORTRAV 30
215754	BASORTRAV 30
215755	BASORTRAV 30
215756	BASORTRAV 30
215757	BASORTRAV 30
215758	BASORTRAV 30
215759	BASORTRAV 33
215760	BASORTRAV 33
215761	BASORTRAV 33
215762	BASORTRAV 33
215763	BASORTRAV 33
215764	BASORTRAV 33
215765	BASORTRAV 33
215766	BASORTRAV 33
215767	BASORTRAV 33
215768	BASORTRAV 33
215769	BASORTRAV 33
215770	BASORTRAV 33
215771	BASORTRAV 33
215772	BASORTRAV 33
215773	BASORTRAV 33
215774	BASORTRAV 33
215775	BASORTRAV 33
215776	BASORTRAV 33
215777	BASORTRAV 33
215778	BASORTRAV 33
215779	BASORTRAV 33
215780	BASORTRAV 33
215781	BASORTRAV 33
215782	BASORTRAV 33
215783	BASORTRAV 33
215784	BASORTRAV 33
215785	BASORTRAV 33
215786	BASORTRAV 33
215787	BASORTRAV 33
215788	BASORTRAV 33
215789	BASORTRAV 33
215790	BASORTRAV 33

REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.
215791	BASORTRAV 33	215849	BASORTRAV 34	215907	BASORTRAV 36	215986	BASORTRAV 38
215792	BASORTRAV 33	215850	BASORTRAV 34	215908	BASORTRAV 36	215987	BASORTRAV 38
215793	BASORTRAV 33	215851	BASORTRAV 34	215909	BASORTRAV 36	215988	BASORTRAV 38
215794	BASORTRAV 33	215852	BASORTRAV 34	215910	BASORTRAV 36	215989	BASORTRAV 38
215795	BASORTRAV 33	215853	BASORTRAV 34	215911	BASORTRAV 36	215990	BASORTRAV 38
215796	BASORTRAV 33	215854	BASORTRAV 34	215912	BASORTRAV 36	215998	BASORTRAV 38
215797	BASORTRAV 33	215855	BASORTRAV 34	215920	BASORTRAV 37	215999	BASORTRAV 38
215798	BASORTRAV 33	215856	BASORTRAV 34	215921	BASORTRAV 37	216000	BASORTRAV 38
215799	BASORTRAV 33	215857	BASORTRAV 34	215922	BASORTRAV 37	216001	BASORTRAV 38
215800	BASORTRAV 33	215858	BASORTRAV 34	215923	BASORTRAV 37	216002	BASORTRAV 38
215801	BASORTRAV 33	215859	BASORTRAV 34	215924	BASORTRAV 37	216003	BASORTRAV 38
215802	BASORTRAV 33	215860	BASORTRAV 34	215925	BASORTRAV 37	216004	BASORTRAV 38
215803	BASORTRAV 33	215861	BASORTRAV 35	215926	BASORTRAV 37	216005	BASORTRAV 38
215804	BASORTRAV 33	215862	BASORTRAV 35	215927	BASORTRAV 37	216006	BASORTRAV 38
215805	BASORTRAV 33	215863	BASORTRAV 35	215928	BASORTRAV 37	216007	BASORTRAV 38
215806	BASORTRAV 33	215864	BASORTRAV 35	215929	BASORTRAV 37	216008	BASORTRAV 38
215807	BASORTRAV 33	215865	BASORTRAV 35	215930	BASORTRAV 37	216009	BASORTRAV 38
215808	BASORTRAV 33	215866	BASORTRAV 35	215931	BASORTRAV 37	216010	BASORTRAV 38
215809	BASORTRAV 33	215867	BASORTRAV 35	215932	BASORTRAV 37	216011	BASORTRAV 38
215810	BASORTRAV 33	215868	BASORTRAV 35	215933	BASORTRAV 37	216012	BASORTRAV 38
215811	BASORTRAV 34	215869	BASORTRAV 35	215934	BASORTRAV 37	216013	BASORTRAV 38
215812	BASORTRAV 34	215870	BASORTRAV 35	215935	BASORTRAV 37	216014	BASORTRAV 38
215813	BASORTRAV 34	215871	BASORTRAV 35	215936	BASORTRAV 37	216015	BASORTRAV 38
215814	BASORTRAV 34	215872	BASORTRAV 35	215937	BASORTRAV 37	216016	BASORTRAV 38
215815	BASORTRAV 34	215873	BASORTRAV 35	215938	BASORTRAV 37	216024	BASORTRAV 41
215816	BASORTRAV 34	215874	BASORTRAV 35	215946	BASORTRAV 37	216025	BASORTRAV 41
215817	BASORTRAV 34	215875	BASORTRAV 35	215947	BASORTRAV 37	216026	BASORTRAV 41
215818	BASORTRAV 34	215876	BASORTRAV 35	215948	BASORTRAV 37	216027	BASORTRAV 41
215819	BASORTRAV 34	215877	BASORTRAV 35	215949	BASORTRAV 37	216028	BASORTRAV 41
215820	BASORTRAV 34	215878	BASORTRAV 35	215950	BASORTRAV 37	216029	BASORTRAV 41
215821	BASORTRAV 34	215879	BASORTRAV 35	215951	BASORTRAV 37	216030	BASORTRAV 41
215822	BASORTRAV 34	215880	BASORTRAV 35	215952	BASORTRAV 37	216031	BASORTRAV 41
215823	BASORTRAV 34	215881	BASORTRAV 35	215953	BASORTRAV 37	216032	BASORTRAV 41
215824	BASORTRAV 34	215882	BASORTRAV 35	215954	BASORTRAV 37	216033	BASORTRAV 41
215825	BASORTRAV 34	215883	BASORTRAV 35	215955	BASORTRAV 37	216034	BASORTRAV 41
215826	BASORTRAV 34	215884	BASORTRAV 35	215956	BASORTRAV 37	216035	BASORTRAV 41
215827	BASORTRAV 34	215885	BASORTRAV 35	215957	BASORTRAV 37	216036	BASORTRAV 41
215828	BASORTRAV 34	215886	BASORTRAV 35	215958	BASORTRAV 37	216037	BASORTRAV 41
215829	BASORTRAV 34	215887	BASORTRAV 36	215959	BASORTRAV 37	216038	BASORTRAV 41
215830	BASORTRAV 34	215888	BASORTRAV 36	215960	BASORTRAV 37	216039	BASORTRAV 41
215831	BASORTRAV 34	215889	BASORTRAV 36	215961	BASORTRAV 37	216040	BASORTRAV 41
215832	BASORTRAV 34	215890	BASORTRAV 36	215962	BASORTRAV 37	216041	BASORTRAV 41
215833	BASORTRAV 34	215891	BASORTRAV 36	215963	BASORTRAV 37	216042	BASORTRAV 41
215834	BASORTRAV 34	215892	BASORTRAV 36	215964	BASORTRAV 37	216050	BASORTRAV 41
215835	BASORTRAV 34	215893	BASORTRAV 36	215972	BASORTRAV 38	216051	BASORTRAV 41
215836	BASORTRAV 34	215894	BASORTRAV 36	215973	BASORTRAV 38	216052	BASORTRAV 41
215837	BASORTRAV 34	215895	BASORTRAV 36	215974	BASORTRAV 38	216053	BASORTRAV 41
215838	BASORTRAV 34	215896	BASORTRAV 36	215975	BASORTRAV 38	216054	BASORTRAV 41
215839	BASORTRAV 34	215897	BASORTRAV 36	215976	BASORTRAV 38	216055	BASORTRAV 41
215840	BASORTRAV 34	215898	BASORTRAV 36	215977	BASORTRAV 38	216056	BASORTRAV 41
215841	BASORTRAV 34	215899	BASORTRAV 36	215978	BASORTRAV 38	216057	BASORTRAV 41
215842	BASORTRAV 34	215900	BASORTRAV 36	215979	BASORTRAV 38	216058	BASORTRAV 41
215843	BASORTRAV 34	215901	BASORTRAV 36	215980	BASORTRAV 38	216059	BASORTRAV 41
215844	BASORTRAV 34	215902	BASORTRAV 36	215981	BASORTRAV 38	216060	BASORTRAV 41
215845	BASORTRAV 34	215903	BASORTRAV 36	215982	BASORTRAV 38	216061	BASORTRAV 41
215846	BASORTRAV 34	215904	BASORTRAV 36	215983	BASORTRAV 38	216062	BASORTRAV 41
215847	BASORTRAV 34	215905	BASORTRAV 36	215984	BASORTRAV 38	216063	BASORTRAV 41
215848	BASORTRAV 34	215906	BASORTRAV 36	215985	BASORTRAV 38	216064	BASORTRAV 41

REF.	Family / Pg.
216065	BASORTRAV 41
216066	BASORTRAV 41
216067	BASORTRAV 41
216068	BASORTRAV 41
216076	BASORTRAV 42
216077	BASORTRAV 42
216078	BASORTRAV 42
216079	BASORTRAV 42
216080	BASORTRAV 42
216081	BASORTRAV 42
216082	BASORTRAV 42
216083	BASORTRAV 42
216084	BASORTRAV 42
216085	BASORTRAV 42
216086	BASORTRAV 42
216087	BASORTRAV 42
216088	BASORTRAV 42
216089	BASORTRAV 42
216090	BASORTRAV 42
216091	BASORTRAV 42
216092	BASORTRAV 42
216093	BASORTRAV 42
216094	BASORTRAV 42
216102	BASORTRAV 42
216103	BASORTRAV 42
216104	BASORTRAV 42
216105	BASORTRAV 42
216106	BASORTRAV 42
216107	BASORTRAV 42
216108	BASORTRAV 42
216109	BASORTRAV 42
216110	BASORTRAV 42
216111	BASORTRAV 42
216112	BASORTRAV 42
216113	BASORTRAV 42
216114	BASORTRAV 42
216115	BASORTRAV 42
216116	BASORTRAV 42
216117	BASORTRAV 42
216118	BASORTRAV 42
216119	BASORTRAV 42
216120	BASORTRAV 42
216128	BASORTRAV 45
216129	BASORTRAV 45
216130	BASORTRAV 45
216131	BASORTRAV 45
216132	BASORTRAV 45
216133	BASORTRAV 45
216134	BASORTRAV 45
216135	BASORTRAV 45
216136	BASORTRAV 45
216137	BASORTRAV 45
216138	BASORTRAV 45
216139	BASORTRAV 45
216140	BASORTRAV 45
216141	BASORTRAV 45
216142	BASORTRAV 45
216143	BASORTRAV 45

REF.	Family / Pg.
216144	BASORTRAV 45
216145	BASORTRAV 45
216146	BASORTRAV 45
216154	BASORTRAV 45
216155	BASORTRAV 45
216156	BASORTRAV 45
216157	BASORTRAV 45
216158	BASORTRAV 45
216159	BASORTRAV 45
216160	BASORTRAV 45
216161	BASORTRAV 45
216162	BASORTRAV 45
216163	BASORTRAV 45
216164	BASORTRAV 45
216165	BASORTRAV 45
216166	BASORTRAV 45
216167	BASORTRAV 45
216168	BASORTRAV 45
216169	BASORTRAV 45
216170	BASORTRAV 45
216171	BASORTRAV 45
216172	BASORTRAV 45
216180	BASORTRAV 46
216181	BASORTRAV 46
216182	BASORTRAV 46
216183	BASORTRAV 46
216184	BASORTRAV 46
216185	BASORTRAV 46
216186	BASORTRAV 46
216187	BASORTRAV 46
216188	BASORTRAV 46
216189	BASORTRAV 46
216190	BASORTRAV 46
216191	BASORTRAV 46
216192	BASORTRAV 46
216193	BASORTRAV 46
216194	BASORTRAV 46
216195	BASORTRAV 46
216196	BASORTRAV 46
216197	BASORTRAV 46
216198	BASORTRAV 46
216206	BASORTRAV 46
216207	BASORTRAV 46
216208	BASORTRAV 46
216209	BASORTRAV 46
216210	BASORTRAV 46
216211	BASORTRAV 46
216212	BASORTRAV 46
216213	BASORTRAV 46
216214	BASORTRAV 46
216215	BASORTRAV 46
216216	BASORTRAV 46
216217	BASORTRAV 46
216218	BASORTRAV 46
216219	BASORTRAV 46
216220	BASORTRAV 46
216221	BASORTRAV 46
216222	BASORTRAV 46

REF.	Family / Pg.
216223	BASORTRAV 46
216224	BASORTRAV 46
216232	BASORTRAV 49
216233	BASORTRAV 49
216234	BASORTRAV 49
216235	BASORTRAV 49
216236	BASORTRAV 49
216237	BASORTRAV 49
216238	BASORTRAV 49
216239	BASORTRAV 49
216240	BASORTRAV 49
216241	BASORTRAV 49
216242	BASORTRAV 49
216243	BASORTRAV 49
216244	BASORTRAV 49
216245	BASORTRAV 49
216246	BASORTRAV 49
216247	BASORTRAV 49
216248	BASORTRAV 49
216249	BASORTRAV 49
216250	BASORTRAV 49
216258	BASORTRAV 50
216259	BASORTRAV 50
216260	BASORTRAV 50
216261	BASORTRAV 50
216262	BASORTRAV 50
216263	BASORTRAV 50
216264	BASORTRAV 50
216265	BASORTRAV 50
216266	BASORTRAV 50
216267	BASORTRAV 50
216268	BASORTRAV 50
216269	BASORTRAV 50
216270	BASORTRAV 50
216271	BASORTRAV 50
216272	BASORTRAV 50
216273	BASORTRAV 50
216274	BASORTRAV 50
216275	BASORTRAV 50
216276	BASORTRAV 50
216284	BASORTRAV 39
216285	BASORTRAV 39
216286	BASORTRAV 39
216287	BASORTRAV 39
216288	BASORTRAV 39
216289	BASORTRAV 39
216290	BASORTRAV 39
216291	BASORTRAV 39
216292	BASORTRAV 39
216293	BASORTRAV 39
216294	BASORTRAV 39
216295	BASORTRAV 39
216296	BASORTRAV 39
216297	BASORTRAV 39
216298	BASORTRAV 39
216299	BASORTRAV 39
216300	BASORTRAV 39
216301	BASORTRAV 39

REF.	Family / Pg.
216302	BASORTRAV 39
216310	BASORTRAV 39
216311	BASORTRAV 39
216312	BASORTRAV 39
216313	BASORTRAV 39
216314	BASORTRAV 39
216315	BASORTRAV 39
216316	BASORTRAV 39
216317	BASORTRAV 39
216318	BASORTRAV 39
216319	BASORTRAV 39
216320	BASORTRAV 39
216321	BASORTRAV 39
216322	BASORTRAV 39
216323	BASORTRAV 39
216324	BASORTRAV 39
216325	BASORTRAV 39
216326	BASORTRAV 39
216327	BASORTRAV 39
216328	BASORTRAV 39
216336	BASORTRAV 40
216337	BASORTRAV 40
216338	BASORTRAV 40
216339	BASORTRAV 40
216340	BASORTRAV 40
216341	BASORTRAV 40
216342	BASORTRAV 40
216343	BASORTRAV 40
216344	BASORTRAV 40
216345	BASORTRAV 40
216346	BASORTRAV 40
216347	BASORTRAV 40
216348	BASORTRAV 40
216349	BASORTRAV 40
216350	BASORTRAV 40
216351	BASORTRAV 40
216352	BASORTRAV 40
216353	BASORTRAV 40
216354	BASORTRAV 40
216362	BASORTRAV 40
216363	BASORTRAV 40
216364	BASORTRAV 40
216365	BASORTRAV 40
216366	BASORTRAV 40
216367	BASORTRAV 40
216368	BASORTRAV 40
216369	BASORTRAV 40
216370	BASORTRAV 40
216371	BASORTRAV 40
216372	BASORTRAV 40
216373	BASORTRAV 40
216374	BASORTRAV 40
216375	BASORTRAV 40
216376	BASORTRAV 40
216377	BASORTRAV 40
216378	BASORTRAV 40
216379	BASORTRAV 40
216380	BASORTRAV 40

REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.
216388	BASORTRAV 43	216467	BASORTRAV 44	216546	BASORTRAV 48	216625	BASORTRAV 50
216389	BASORTRAV 43	216468	BASORTRAV 44	216547	BASORTRAV 48	216626	BASORTRAV 50
216390	BASORTRAV 43	216469	BASORTRAV 44	216548	BASORTRAV 48	216627	BASORTRAV 50
216391	BASORTRAV 43	216470	BASORTRAV 44	216549	BASORTRAV 48	216628	BASORTRAV 50
216392	BASORTRAV 43	216471	BASORTRAV 44	216550	BASORTRAV 48	216629	BASORTRAV 50
216393	BASORTRAV 43	216472	BASORTRAV 44	216551	BASORTRAV 48	216630	BASORTRAV 50
216394	BASORTRAV 43	216473	BASORTRAV 44	216552	BASORTRAV 48	216631	BASORTRAV 50
216395	BASORTRAV 43	216474	BASORTRAV 44	216553	BASORTRAV 48	216632	BASORTRAV 50
216396	BASORTRAV 43	216475	BASORTRAV 44	216554	BASORTRAV 48	216633	BASORTRAV 50
216397	BASORTRAV 43	216476	BASORTRAV 44	216555	BASORTRAV 48	216634	BASORTRAV 50
216398	BASORTRAV 43	216477	BASORTRAV 44	216556	BASORTRAV 48	216635	BASORTRAV 50
216399	BASORTRAV 43	216478	BASORTRAV 44	216557	BASORTRAV 48	216636	BASORTRAV 50
216400	BASORTRAV 43	216479	BASORTRAV 44	216558	BASORTRAV 48	216637	BASORTRAV 50
216401	BASORTRAV 43	216480	BASORTRAV 44	216559	BASORTRAV 48	216638	BASORTRAV 50
216402	BASORTRAV 43	216481	BASORTRAV 44	216560	BASORTRAV 48	216639	BASORTRAV 50
216403	BASORTRAV 43	216482	BASORTRAV 44	216561	BASORTRAV 48	216640	BASORTRAV 50
216404	BASORTRAV 43	216483	BASORTRAV 44	216562	BASORTRAV 48	216641	BASORTRAV 64
216405	BASORTRAV 43	216484	BASORTRAV 44	216570	BASORTRAV 48	216642	BASORTRAV 64
216406	BASORTRAV 43	216492	BASORTRAV 47	216571	BASORTRAV 48	216643	BASORTRAV 64
216414	BASORTRAV 43	216493	BASORTRAV 47	216572	BASORTRAV 48	216644	BASORTRAV 64
216415	BASORTRAV 43	216494	BASORTRAV 47	216573	BASORTRAV 48	216645	BASORTRAV 64
216416	BASORTRAV 43	216495	BASORTRAV 47	216574	BASORTRAV 48	216646	BASORTRAV 64
216417	BASORTRAV 43	216496	BASORTRAV 47	216575	BASORTRAV 48	216647	BASORTRAV 64
216418	BASORTRAV 43	216497	BASORTRAV 47	216576	BASORTRAV 48	216648	BASORTRAV 64
216419	BASORTRAV 43	216498	BASORTRAV 47	216577	BASORTRAV 48	216649	BASORTRAV 64
216420	BASORTRAV 43	216499	BASORTRAV 47	216578	BASORTRAV 48	216650	BASORTRAV 64
216421	BASORTRAV 43	216500	BASORTRAV 47	216579	BASORTRAV 48	216651	BASORTRAV 64
216422	BASORTRAV 43	216501	BASORTRAV 47	216580	BASORTRAV 48	216652	BASORTRAV 64
216423	BASORTRAV 43	216502	BASORTRAV 47	216581	BASORTRAV 48	216653	BASORTRAV 64
216424	BASORTRAV 43	216503	BASORTRAV 47	216582	BASORTRAV 48	216654	BASORTRAV 64
216425	BASORTRAV 43	216504	BASORTRAV 47	216583	BASORTRAV 48	216655	BASORTRAV 64
216426	BASORTRAV 43	216505	BASORTRAV 47	216584	BASORTRAV 48	216656	BASORTRAV 64
216427	BASORTRAV 43	216506	BASORTRAV 47	216585	BASORTRAV 48	216657	BASORTRAV 64
216428	BASORTRAV 43	216507	BASORTRAV 47	216586	BASORTRAV 48	216658	BASORTRAV 64
216429	BASORTRAV 43	216508	BASORTRAV 47	216587	BASORTRAV 48	216659	BASORTRAV 64
216430	BASORTRAV 43	216509	BASORTRAV 47	216588	BASORTRAV 48	216660	BASORTRAV 64
216431	BASORTRAV 43	216510	BASORTRAV 47	216596	BASORTRAV 49	216661	BASORTRAV 64
216432	BASORTRAV 43	216518	BASORTRAV 47	216597	BASORTRAV 49	216662	BASORTRAV 64
216440	BASORTRAV 44	216519	BASORTRAV 47	216598	BASORTRAV 49	216663	BASORTRAV 64
216441	BASORTRAV 44	216520	BASORTRAV 47	216599	BASORTRAV 49	216664	BASORTRAV 64
216442	BASORTRAV 44	216521	BASORTRAV 47	216600	BASORTRAV 49	216665	BASORTRAV 64
216443	BASORTRAV 44	216522	BASORTRAV 47	216601	BASORTRAV 49	216666	BASORTRAV 65
216444	BASORTRAV 44	216523	BASORTRAV 47	216602	BASORTRAV 49	216667	BASORTRAV 65
216445	BASORTRAV 44	216524	BASORTRAV 47	216603	BASORTRAV 49	216668	BASORTRAV 65
216446	BASORTRAV 44	216525	BASORTRAV 47	216604	BASORTRAV 49	216669	BASORTRAV 65
216447	BASORTRAV 44	216526	BASORTRAV 47	216605	BASORTRAV 49	216670	BASORTRAV 65
216448	BASORTRAV 44	216527	BASORTRAV 47	216606	BASORTRAV 49	216671	BASORTRAV 65
216449	BASORTRAV 44	216528	BASORTRAV 47	216607	BASORTRAV 49	216672	BASORTRAV 65
216450	BASORTRAV 44	216529	BASORTRAV 47	216608	BASORTRAV 49	216673	BASORTRAV 65
216451	BASORTRAV 44	216530	BASORTRAV 47	216609	BASORTRAV 49	216674	BASORTRAV 65
216452	BASORTRAV 44	216531	BASORTRAV 47	216610	BASORTRAV 49	216675	BASORTRAV 65
216453	BASORTRAV 44	216532	BASORTRAV 47	216611	BASORTRAV 49	216676	BASORTRAV 65
216454	BASORTRAV 44	216533	BASORTRAV 47	216612	BASORTRAV 49	216677	BASORTRAV 65
216455	BASORTRAV 44	216534	BASORTRAV 47	216613	BASORTRAV 49	216678	BASORTRAV 65
216456	BASORTRAV 44	216535	BASORTRAV 47	216614	BASORTRAV 49	216679	BASORTRAV 65
216457	BASORTRAV 44	216536	BASORTRAV 47	216622	BASORTRAV 50	216680	BASORTRAV 65
216458	BASORTRAV 44	216544	BASORTRAV 48	216623	BASORTRAV 50	216681	BASORTRAV 65
216466	BASORTRAV 44	216545	BASORTRAV 48	216624	BASORTRAV 50	216682	BASORTRAV 65

REF.	Family / Pg.
216683	BASORTRAV 65
216684	BASORTRAV 65
216685	BASORTRAV 65
216686	BASORTRAV 65
216687	BASORTRAV 65
216688	BASORTRAV 65
216689	BASORTRAV 65
216690	BASORTRAV 65
216691	BASORTRAV 66
216692	BASORTRAV 66
216693	BASORTRAV 66
216694	BASORTRAV 66
216695	BASORTRAV 66
216696	BASORTRAV 66
216697	BASORTRAV 66
216698	BASORTRAV 66
216699	BASORTRAV 66
216700	BASORTRAV 66
216701	BASORTRAV 66
216702	BASORTRAV 66
216703	BASORTRAV 66
216704	BASORTRAV 66
216705	BASORTRAV 66
216706	BASORTRAV 66
216707	BASORTRAV 66
216708	BASORTRAV 66
216709	BASORTRAV 66
216710	BASORTRAV 66
216711	BASORTRAV 66
216712	BASORTRAV 66
216713	BASORTRAV 66
216714	BASORTRAV 66
216715	BASORTRAV 66
216716	BASORTRAV 67
216717	BASORTRAV 67
216718	BASORTRAV 67
216719	BASORTRAV 67
216720	BASORTRAV 67
216721	BASORTRAV 67
216722	BASORTRAV 67
216723	BASORTRAV 67
216724	BASORTRAV 67
216725	BASORTRAV 67
216726	BASORTRAV 67
216727	BASORTRAV 67
216728	BASORTRAV 67
216729	BASORTRAV 67
216730	BASORTRAV 67
216731	BASORTRAV 67
216732	BASORTRAV 67
216733	BASORTRAV 67
216734	BASORTRAV 67
216735	BASORTRAV 67
216736	BASORTRAV 67
216737	BASORTRAV 67
216738	BASORTRAV 67
216739	BASORTRAV 67
216740	BASORTRAV 67

REF.	Family / Pg.
216741	BASORTRAV 68
216742	BASORTRAV 68
216743	BASORTRAV 68
216744	BASORTRAV 68
216745	BASORTRAV 68
216746	BASORTRAV 68
216747	BASORTRAV 68
216748	BASORTRAV 68
216749	BASORTRAV 68
216750	BASORTRAV 68
216751	BASORTRAV 68
216752	BASORTRAV 68
216753	BASORTRAV 68
216754	BASORTRAV 68
216755	BASORTRAV 68
216756	BASORTRAV 68
216757	BASORTRAV 68
216758	BASORTRAV 68
216759	BASORTRAV 68
216760	BASORTRAV 68
216761	BASORTRAV 68
216762	BASORTRAV 68
216763	BASORTRAV 68
216764	BASORTRAV 68
216765	BASORTRAV 68
216766	BASORTRAV 64
216767	BASORTRAV 64
216768	BASORTRAV 64
216769	BASORTRAV 64
216770	BASORTRAV 64
216771	BASORTRAV 64
216772	BASORTRAV 64
216773	BASORTRAV 64
216774	BASORTRAV 64
216775	BASORTRAV 64
216776	BASORTRAV 64
216777	BASORTRAV 64
216778	BASORTRAV 64
216779	BASORTRAV 64
216780	BASORTRAV 64
216781	BASORTRAV 64
216782	BASORTRAV 64
216783	BASORTRAV 64
216784	BASORTRAV 64
216785	BASORTRAV 64
216786	BASORTRAV 64
216787	BASORTRAV 64
216788	BASORTRAV 64
216789	BASORTRAV 64
216790	BASORTRAV 64
216791	BASORTRAV 65
216792	BASORTRAV 65
216793	BASORTRAV 65
216794	BASORTRAV 65
216795	BASORTRAV 65
216796	BASORTRAV 65
216797	BASORTRAV 65
216798	BASORTRAV 65

REF.	Family / Pg.
216799	BASORTRAV 65
216800	BASORTRAV 65
216801	BASORTRAV 65
216802	BASORTRAV 65
216803	BASORTRAV 65
216804	BASORTRAV 65
216805	BASORTRAV 65
216806	BASORTRAV 65
216807	BASORTRAV 65
216808	BASORTRAV 65
216809	BASORTRAV 65
216810	BASORTRAV 65
216811	BASORTRAV 65
216812	BASORTRAV 65
216813	BASORTRAV 65
216814	BASORTRAV 65
216815	BASORTRAV 65
216816	BASORTRAV 66
216817	BASORTRAV 66
216818	BASORTRAV 66
216819	BASORTRAV 66
216820	BASORTRAV 66
216821	BASORTRAV 66
216822	BASORTRAV 66
216823	BASORTRAV 66
216824	BASORTRAV 66
216825	BASORTRAV 66
216826	BASORTRAV 66
216827	BASORTRAV 66
216828	BASORTRAV 66
216829	BASORTRAV 66
216830	BASORTRAV 66
216831	BASORTRAV 66
216832	BASORTRAV 66
216833	BASORTRAV 66
216834	BASORTRAV 66
216835	BASORTRAV 66
216836	BASORTRAV 66
216837	BASORTRAV 66
216838	BASORTRAV 66
216839	BASORTRAV 66
216840	BASORTRAV 66
216841	BASORTRAV 67
216842	BASORTRAV 67
216843	BASORTRAV 67
216844	BASORTRAV 67
216845	BASORTRAV 67
216846	BASORTRAV 67
216847	BASORTRAV 67
216848	BASORTRAV 67
216849	BASORTRAV 67
216850	BASORTRAV 67
216851	BASORTRAV 67
216852	BASORTRAV 67
216853	BASORTRAV 67
216854	BASORTRAV 67
216855	BASORTRAV 67
216856	BASORTRAV 67

REF.	Family / Pg.
216857	BASORTRAV 67
216858	BASORTRAV 67
216859	BASORTRAV 67
216860	BASORTRAV 67
216861	BASORTRAV 67
216862	BASORTRAV 67
216863	BASORTRAV 67
216864	BASORTRAV 67
216865	BASORTRAV 67
216866	BASORTRAV 68
216867	BASORTRAV 68
216868	BASORTRAV 68
216869	BASORTRAV 68
216870	BASORTRAV 68
216871	BASORTRAV 68
216872	BASORTRAV 68
216873	BASORTRAV 68
216874	BASORTRAV 68
216875	BASORTRAV 68
216876	BASORTRAV 68
216877	BASORTRAV 68
216878	BASORTRAV 68
216879	BASORTRAV 68
216880	BASORTRAV 68
216881	BASORTRAV 68
216882	BASORTRAV 68
216883	BASORTRAV 68
216884	BASORTRAV 68
216885	BASORTRAV 68
216886	BASORTRAV 68
216887	BASORTRAV 68
216888	BASORTRAV 68
216889	BASORTRAV 68
216890	BASORTRAV 68
216891	BASORTRAV 64
216892	BASORTRAV 64
216893	BASORTRAV 64
216894	BASORTRAV 64
216895	BASORTRAV 64
216896	BASORTRAV 64
216897	BASORTRAV 64
216898	BASORTRAV 64
216899	BASORTRAV 64
216900	BASORTRAV 64
216901	BASORTRAV 64
216902	BASORTRAV 64
216903	BASORTRAV 64
216904	BASORTRAV 64
216905	BASORTRAV 64
216906	BASORTRAV 64
216907	BASORTRAV 64
216908	BASORTRAV 64
216909	BASORTRAV 64
216910	BASORTRAV 64
216911	BASORTRAV 64
216912	BASORTRAV 64
216913	BASORTRAV 64
216914	BASORTRAV 64

REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.
216915	BASORTRAV 64	216973	BASORTRAV 67	217031	BASORTRAV 64	217089	BASORTRAV 66
216916	BASORTRAV 65	216974	BASORTRAV 67	217032	BASORTRAV 64	217090	BASORTRAV 66
216917	BASORTRAV 65	216975	BASORTRAV 67	217033	BASORTRAV 64	217091	BASORTRAV 67
216918	BASORTRAV 65	216976	BASORTRAV 67	217034	BASORTRAV 64	217092	BASORTRAV 67
216919	BASORTRAV 65	216977	BASORTRAV 67	217035	BASORTRAV 64	217093	BASORTRAV 67
216920	BASORTRAV 65	216978	BASORTRAV 67	217036	BASORTRAV 64	217094	BASORTRAV 67
216921	BASORTRAV 65	216979	BASORTRAV 67	217037	BASORTRAV 64	217095	BASORTRAV 67
216922	BASORTRAV 65	216980	BASORTRAV 67	217038	BASORTRAV 64	217096	BASORTRAV 67
216923	BASORTRAV 65	216981	BASORTRAV 67	217039	BASORTRAV 64	217097	BASORTRAV 67
216924	BASORTRAV 65	216982	BASORTRAV 67	217040	BASORTRAV 64	217098	BASORTRAV 67
216925	BASORTRAV 65	216983	BASORTRAV 67	217041	BASORTRAV 65	217099	BASORTRAV 67
216926	BASORTRAV 65	216984	BASORTRAV 67	217042	BASORTRAV 65	217100	BASORTRAV 67
216927	BASORTRAV 65	216985	BASORTRAV 67	217043	BASORTRAV 65	217101	BASORTRAV 67
216928	BASORTRAV 65	216986	BASORTRAV 67	217044	BASORTRAV 65	217102	BASORTRAV 67
216929	BASORTRAV 65	216987	BASORTRAV 67	217045	BASORTRAV 65	217103	BASORTRAV 67
216930	BASORTRAV 65	216988	BASORTRAV 67	217046	BASORTRAV 65	217104	BASORTRAV 67
216931	BASORTRAV 65	216989	BASORTRAV 67	217047	BASORTRAV 65	217105	BASORTRAV 67
216932	BASORTRAV 65	216990	BASORTRAV 67	217048	BASORTRAV 65	217106	BASORTRAV 67
216933	BASORTRAV 65	216991	BASORTRAV 68	217049	BASORTRAV 65	217107	BASORTRAV 67
216934	BASORTRAV 65	216992	BASORTRAV 68	217050	BASORTRAV 65	217108	BASORTRAV 67
216935	BASORTRAV 65	216993	BASORTRAV 68	217051	BASORTRAV 65	217109	BASORTRAV 67
216936	BASORTRAV 65	216994	BASORTRAV 68	217052	BASORTRAV 65	217110	BASORTRAV 67
216937	BASORTRAV 65	216995	BASORTRAV 68	217053	BASORTRAV 65	217111	BASORTRAV 67
216938	BASORTRAV 65	216996	BASORTRAV 68	217054	BASORTRAV 65	217112	BASORTRAV 67
216939	BASORTRAV 65	216997	BASORTRAV 68	217055	BASORTRAV 65	217113	BASORTRAV 67
216940	BASORTRAV 65	216998	BASORTRAV 68	217056	BASORTRAV 65	217114	BASORTRAV 67
216941	BASORTRAV 66	216999	BASORTRAV 68	217057	BASORTRAV 65	217115	BASORTRAV 67
216942	BASORTRAV 66	217000	BASORTRAV 68	217058	BASORTRAV 65	217116	BASORTRAV 68
216943	BASORTRAV 66	217001	BASORTRAV 68	217059	BASORTRAV 65	217117	BASORTRAV 68
216944	BASORTRAV 66	217002	BASORTRAV 68	217060	BASORTRAV 65	217118	BASORTRAV 68
216945	BASORTRAV 66	217003	BASORTRAV 68	217061	BASORTRAV 65	217119	BASORTRAV 68
216946	BASORTRAV 66	217004	BASORTRAV 68	217062	BASORTRAV 65	217120	BASORTRAV 68
216947	BASORTRAV 66	217005	BASORTRAV 68	217063	BASORTRAV 65	217121	BASORTRAV 68
216948	BASORTRAV 66	217006	BASORTRAV 68	217064	BASORTRAV 65	217122	BASORTRAV 68
216949	BASORTRAV 66	217007	BASORTRAV 68	217065	BASORTRAV 65	217123	BASORTRAV 68
216950	BASORTRAV 66	217008	BASORTRAV 68	217066	BASORTRAV 66	217124	BASORTRAV 68
216951	BASORTRAV 66	217009	BASORTRAV 68	217067	BASORTRAV 66	217125	BASORTRAV 68
216952	BASORTRAV 66	217010	BASORTRAV 68	217068	BASORTRAV 66	217126	BASORTRAV 68
216953	BASORTRAV 66	217011	BASORTRAV 68	217069	BASORTRAV 66	217127	BASORTRAV 68
216954	BASORTRAV 66	217012	BASORTRAV 68	217070	BASORTRAV 66	217128	BASORTRAV 68
216955	BASORTRAV 66	217013	BASORTRAV 68	217071	BASORTRAV 66	217129	BASORTRAV 68
216956	BASORTRAV 66	217014	BASORTRAV 68	217072	BASORTRAV 66	217130	BASORTRAV 68
216957	BASORTRAV 66	217015	BASORTRAV 68	217073	BASORTRAV 66	217131	BASORTRAV 68
216958	BASORTRAV 66	217016	BASORTRAV 64	217074	BASORTRAV 66	217132	BASORTRAV 68
216959	BASORTRAV 66	217017	BASORTRAV 64	217075	BASORTRAV 66	217133	BASORTRAV 68
216960	BASORTRAV 66	217018	BASORTRAV 64	217076	BASORTRAV 66	217134	BASORTRAV 68
216961	BASORTRAV 66	217019	BASORTRAV 64	217077	BASORTRAV 66	217135	BASORTRAV 68
216962	BASORTRAV 66	217020	BASORTRAV 64	217078	BASORTRAV 66	217136	BASORTRAV 68
216963	BASORTRAV 66	217021	BASORTRAV 64	217079	BASORTRAV 66	217137	BASORTRAV 68
216964	BASORTRAV 66	217022	BASORTRAV 64	217080	BASORTRAV 66	217138	BASORTRAV 68
216965	BASORTRAV 66	217023	BASORTRAV 64	217081	BASORTRAV 66	217139	BASORTRAV 68
216966	BASORTRAV 67	217024	BASORTRAV 64	217082	BASORTRAV 66	217140	BASORTRAV 68
216967	BASORTRAV 67	217025	BASORTRAV 64	217083	BASORTRAV 66	217141	BASORSUPPORT 9
216968	BASORTRAV 67	217026	BASORTRAV 64	217084	BASORTRAV 66	217142	BASORSUPPORT 9
216969	BASORTRAV 67	217027	BASORTRAV 64	217085	BASORTRAV 66	217143	BASORSUPPORT 9
216970	BASORTRAV 67	217028	BASORTRAV 64	217086	BASORTRAV 66	217144	BASORSUPPORT 9
216971	BASORTRAV 67	217029	BASORTRAV 64	217087	BASORTRAV 66	217145	BASORSUPPORT 9
216972	BASORTRAV 67	217030	BASORTRAV 64	217088	BASORTRAV 66	217146	BASORSUPPORT 9

REF.	Family / Pg.
217147	BASORSUPPORT 9
217148	BASORSUPPORT 16, 22
217149	BASORSUPPORT 16, 22
217150	BASORSUPPORT 16, 22
217151	BASORTRAV 79, BASORSUPPORT 16
217152	BASORTRAV 79, BASORSUPPORT 16
217153	BASORTRAV 79, BASORSUPPORT 16
217154	BASORTRAV 79
217155	BASORTRAV 79
217156	BASORTRAV 79
217157	BASORTRAV 79
217158	BASORTRAV 79
217159	BASORTRAV 79
217160	BASORTRAV 80
217161	BASORTRAV 80
217162	BASORTRAV 80
217163	BASORTRAV 80
217164	BASORTRAV 80
217165	BASORTRAV 80
217166	BASORTRAV 80
217167	BASORTRAV 80
217168	BASORTRAV 80
217169	BASORTRAV 80
217170	BASORTRAV 80
217171	BASORTRAV 80
217172	BASORTRAV 80
217173	BASORTRAY 63
217174	BASORTRAY 63
217175	BASORTRAY 63
217176	BASORTRAY 63
217177	BASORTRAY 63
217178	BASORTRAY 63
217179	BASORTRAY 63
217180	BASORTRAY 63
217181	BASORTRAY 63
217182	BASORTRAY 63
217183	BASORTRAY 63
217184	BASORTRAY 63
217185	BASORTRAY 63
217186	BASORTRAY 63
217187	BASORTRAY 63
217188	BASORTRAY 63
217189	BASORTRAY 63
217190	BASORTRAY 63
217191	BASORTRAY 63
217192	BASORTRAY 63
217193	BASORTRAY 63
217194	BASORTRAY 63
217195	BASORTRAY 63
217196	BASORTRAY 63
217197	BASORTRAY 63
217198	BASORTRAY 63
217199	BASORTRAY 63
217200	BASORTRAY 63
217201	BASORTRAY 63

REF.	Family / Pg.
217202	BASORTRAY 63
217203	BASORTRAY 63
217204	BASORTRAY 63
217205	BASORTRAY 63
217206	BASORTRAY 63
217207	BASORTRAY 63
217208	BASORTRAY 63
217209	BASORTRAY 63
217210	BASORTRAY 63
217211	BASORTRAY 63
217212	BASORTRAY 63
217213	BASORTRAV 51
217214	BASORTRAV 51
217215	BASORTRAV 51
217216	BASORTRAV 51
217217	BASORTRAV 51
217218	BASORTRAV 51
217219	BASORTRAV 51
217220	BASORTRAV 52
217221	BASORTRAV 52
217222	BASORTRAV 52
217223	BASORTRAV 52
217224	BASORTRAV 52
217225	BASORTRAV 52
217226	BASORTRAV 52
217227	BASORTRAV 52
217228	BASORTRAV 52
217229	BASORTRAV 52
217230	BASORTRAV 52
217231	BASORTRAV 52
217232	BASORTRAV 52
217233	BASORTRAV 52
217234	BASORTRAV 52
217235	BASORTRAV 52
217236	BASORTRAV 52
217237	BASORTRAV 52
217238	BASORTRAV 52
217239	BASORTRAV 52
217240	BASORTRAV 52
217241	BASORTRAV 52
217242	BASORTRAV 52
217243	BASORTRAV 52
217244	BASORTRAV 52
217245	BASORTRAV 52
217246	BASORTRAV 52
217247	BASORTRAV 52
217248	BASORTRAV 52
217249	BASORTRAV 52
217250	BASORTRAV 52
217251	BASORTRAV 52
217252	BASORTRAV 52
217253	BASORTRAV 52
217254	BASORTRAV 52
217255	BASORTRAV 52
217256	BASORTRAV 52
217257	BASORTRAV 52
217258	BASORTRAV 52
217259	BASORTRAV 52

REF.	Family / Pg.
217260	BASORTRAV 53
217261	BASORTRAV 53
217262	BASORTRAV 53
217263	BASORTRAV 53
217264	BASORTRAV 53
217265	BASORTRAV 53
217266	BASORTRAV 53
217267	BASORTRAY 7
217268	BASORTRAY 7
217269	BASORTRAY 63
217270	BASORTRAY 63
217271	BASORTRAY 63
217272	BASORTRAY 63
217273	BASORTRAV 109
217274	BASORTRAV 109
217275	BASORTRAV 109
217276	BASORTRAV 109
217277	BASORTRAV 109
217278	BASORTRAV 109
217279	BASORTRAV 109
217280	FIBERTRAV 25
217281	BASORPLAST 18
217282	BASORPLAST 17
217283	BASORPLAST 18
217284	FIBERTRAV 25
217285	FIBERTRAV 25
217286	FIBERTRAV 6
217287	FIBERTRAV 6
217288	FIBERTRAV 6
217289	FIBERTRAV 6
217290	FIBERTRAV 6
217291	FIBERTRAV 6
217292	FIBERTRAV 6
217293	FIBERTRAV 6
217294	FIBERTRAV 6
217295	FIBERTRAV 6
217296	FIBERTRAV 6
217297	FIBERTRAV 6
217298	FIBERTRAV 6
217299	FIBERTRAV 6
217300	FIBERTRAV 6
217301	FIBERTRAV 6
217302	FIBERTRAV 6
217303	FIBERTRAV 6
217304	FIBERTRAV 6
217305	FIBERTRAV 6
217306	FIBERTRAV 6
217308	BASORSUPPORT 17
217309	BASORSUPPORT 17
217310	BASORSUPPORT 17
217311	BASORSUPPORT 17
217312	BASORSUPPORT 29, BASORFIX 4
217313	BASORSUPPORT 29, BASORFIX 4
217314	BASORFIL 15
217315	BASORFIX 12
217340	BASORPLAST 15

REF.	Family / Pg.
217341	BASORPLAST 15
217342	BASORPLAST 15
217343	BASORPLAST 15
217345	BASORPLAST 15
217346	BASORPLAST 15
217347	BASORPLAST 15
217348	BASORPLAST 15
217349	BASORPLAST 15
217350	BASORPLAST 15
217352	BASORPLAST 15
217353	BASORPLAST 15
217354	BASORFIL 5
217355	BASORFIL 5
217356	BASORFIL 5
217357	BASORFIL 5
217358	BASORFIL 5
217359	BASORFIL 5
217360	BASORFIL 5
217361	BASORFIL 5
217362	BASORFIL 5
217363	BASORFIL 5
217364	BASORFIL 5
217365	BASORFIL 5
217366	BASORFIL 5
217367	BASORFIL 5
217368	BASORFIL 5
217369	BASORFIL 5
217370	BASORFIL 5
217494	BASORPLAST 5
217495	BASORPLAST 5
217496	BASORPLAST 5
217497	BASORPLAST 6
217498	BASORPLAST 6
217499	BASORPLAST 6
217500	BASORPLAST 7
217501	BASORPLAST 5
217502	BASORPLAST 5
217503	BASORPLAST 5
217504	BASORPLAST 6
217505	BASORPLAST 6
217506	BASORPLAST 6
217507	BASORPLAST 7
217508	BASORPLAST 7
217509	BASORPLAST 5
217510	BASORPLAST 5
217511	BASORPLAST 5
217512	BASORPLAST 6
217513	BASORPLAST 6
217514	BASORPLAST 6
217515	BASORPLAST 7
217516	BASORPLAST 8
217517	BASORPLAST 8
217518	BASORPLAST 8
217519	BASORPLAST 8
217520	BASORPLAST 8
217539	BASORTRAV 83
217540	BASORTRAY 49
217541	BASORFIX 23

REF.	Family / Pg.
217542	BASORFIX 23
217543	BASORFIX 23
217544	BASORFIX 23
217546	BASORFIX 23
217547	BASORFIX 23
217548	TRUNKING 7,BASORFIX 23
217549	BASORFIX 23
217550	BASORCANAL 13
217551	BASORFIX 15
217552	TRUNKING 7,BASORFIX 23
217553	BASORFIX 23
217554	BASORFIX 23
217555	BASORFIX 23
217556	BASORFIX 15
217557	BASORFIX 15
217558	BASORFIX 15
217559	BASORFIX 23
217560	BASORFIX 23
217561	BASORFIX 23
217562	BASORFIX 22
217563	BASORFIX 23
217564	BASORFIX 23
217565	BASORFIX 23
217566	BASORFIX 23
217567	BASORFIX 15
217568	BASORFLEX 6
217569	BASORFLEX 6
217570	BASORFLEX 6
217571	BASORFLEX 6
217572	BASORFLEX 6
217573	BASORFLEX 6
217574	BASORFLEX 6
217575	BASORFLEX 6
217576	BASORFLEX 6
217577	BASORFIX 23
217578	BASORFIX 23
217579	BASORFIX 23
217580	BASORFIX 23
217581	BASORFIX 23
217582	BASORFIX 23
217583	BASORFIX 15
217584	BASORFIX 15
217585	BASORFIX 23
217586	BASORTRAY 53
217587	BASORTRAY 29
217588	BASORTRAY 29
217589	BASORTRAY 29
217590	BASORTRAY 29
217596	BASORTRAY 15
217597	BASORTRAY 15
217600	BASORFIX 23
217601	BASORFIX 23
217602	BASORFIX 19
217603	BASORFIX 19
217604	BASORFIX 19
217605	BASORFIX 23
217606	BASORFIX 23
217607	BASORFIX 23

REF.	Family / Pg.
217608	BASORTUB 7,BASORFIX 13
217609	BASORFIX 23
217610	FIBERTRAV 24
217611	BASORFIX 15
217612	BASORFIX 15
217613	BASORTRAV 7
217614	BASORTRAV 7
217615	BASORTRAV 7
217616	BASORTRAV 7
217617	BASORTRAV 7
217618	BASORTRAV 7
217619	BASORTRAV 7
217620	BASORTRAV 7
217621	BASORTRAV 7
217622	BASORTRAV 7
217623	BASORTRAV 7
217624	BASORTRAV 7
217625	BASORTRAV 7
217626	BASORTRAV 7
217627	BASORTRAV 7
217628	BASORTRAV 7
217629	BASORTRAV 7
217630	BASORTRAV 7
217631	BASORTRAV 7
217632	BASORTRAV 7
217633	BASORTRAV 7
217634	BASORTRAV 7
217635	BASORTRAV 7
217636	BASORTRAV 7
217637	BASORTRAV 7
217638	BASORTRAV 7
217639	BASORTRAV 7
217640	BASORTRAV 7
217641	BASORTRAV 8
217642	BASORTRAV 8
217643	BASORTRAV 8
217644	BASORTRAV 8
217645	BASORTRAV 8
217646	BASORTRAV 8
217647	BASORTRAV 8
217648	BASORTRAV 8
217649	BASORTRAV 8
217650	BASORTRAV 8
217651	BASORTRAV 8
217652	BASORTRAV 8
217653	BASORTRAV 8
217654	BASORTRAV 8
217655	BASORTRAV 8
217656	BASORTRAV 8
217657	BASORTRAV 8
217658	BASORTRAV 8
217659	BASORTRAV 8
217660	BASORTRAV 8
217661	BASORTRAV 8
217662	BASORTRAV 8
217663	BASORTRAV 8
217664	BASORTRAV 8
217665	BASORTRAV 8

REF.	Family / Pg.
217666	BASORTRAV 8
217667	BASORTRAV 8
217668	BASORTRAV 8
217669	BASORTRAV 9
217670	BASORTRAV 9
217671	BASORTRAV 9
217672	BASORTRAV 9
217673	BASORTRAV 9
217674	BASORTRAV 9
217675	BASORTRAV 9
217676	BASORTRAV 9
217677	BASORTRAV 9
217678	BASORTRAV 9
217679	BASORTRAV 9
217680	BASORTRAV 9
217681	BASORTRAV 9
217682	BASORTRAV 9
217683	BASORTRAV 9
217684	BASORTRAV 9
217685	BASORTRAV 9
217686	BASORTRAV 9
217687	BASORTRAV 9
217688	BASORTRAV 9
217689	BASORTRAV 9
217690	BASORTRAV 9
217691	BASORTRAV 9
217692	BASORTRAV 9
217693	BASORTRAV 9
217694	BASORTRAV 9
217695	BASORTRAV 9
217696	BASORTRAV 9
217697	BASORTRAV 10
217698	BASORTRAV 10
217699	BASORTRAV 10
217700	BASORTRAV 10
217701	BASORTRAV 10
217702	BASORTRAV 10
217703	BASORTRAV 10
217704	BASORTRAV 10
217705	BASORTRAV 10
217706	BASORTRAV 10
217707	BASORTRAV 10
217708	BASORTRAV 10
217709	BASORTRAV 10
217710	BASORTRAV 10
217711	BASORTRAV 10
217712	BASORTRAV 10
217713	BASORTRAV 10
217714	BASORTRAV 10
217715	BASORTRAV 10
217716	BASORTRAV 10
217717	BASORTRAV 10
217718	BASORTRAV 10
217719	BASORTRAV 10
217720	BASORTRAV 10
217721	BASORTRAV 10
217722	BASORTRAV 10
217723	BASORTRAV 10

REF.	Family / Pg.
217724	BASORTRAV 10
217725	BASORTRAV 11
217726	BASORTRAV 11
217727	BASORTRAV 11
217728	BASORTRAV 11
217729	BASORTRAV 11
217730	BASORTRAV 11
217731	BASORTRAV 11
217732	BASORTRAV 11
217733	BASORTRAV 11
217734	BASORTRAV 11
217735	BASORTRAV 11
217736	BASORTRAV 11
217737	BASORTRAV 11
217738	BASORTRAV 11
217739	BASORTRAV 11
217740	BASORTRAV 11
217741	BASORTRAV 11
217742	BASORTRAV 11
217743	BASORTRAV 11
217744	BASORTRAV 11
217745	BASORTRAV 11
217746	BASORTRAV 11
217747	BASORTRAV 11
217748	BASORTRAV 11
217749	BASORTRAV 11
217750	BASORTRAV 11
217751	BASORTRAV 11
217752	BASORTRAV 11
217753	BASORTRAV 12
217754	BASORTRAV 12
217755	BASORTRAV 12
217756	BASORTRAV 12
217757	BASORTRAV 12
217758	BASORTRAV 12
217759	BASORTRAV 12
217760	BASORTRAV 12
217761	BASORTRAV 12
217762	BASORTRAV 12
217763	BASORTRAV 12
217764	BASORTRAV 12
217765	BASORTRAV 12
217766	BASORTRAV 12
217767	BASORTRAV 12
217768	BASORTRAV 12
217769	BASORTRAV 12
217770	BASORTRAV 12
217771	BASORTRAV 12
217772	BASORTRAV 12
217773	BASORTRAV 12
217774	BASORTRAV 12
217775	BASORTRAV 12
217776	BASORTRAV 12
217777	BASORTRAV 12
217778	BASORTRAV 12
217779	BASORTRAV 12
217780	BASORTRAV 12
217781	BASORTRAV 13

REF.	Family / Pg.
217782	BASORTRAV 13
217783	BASORTRAV 13
217784	BASORTRAV 13
217785	BASORTRAV 13
217786	BASORTRAV 13
217787	BASORTRAV 13
217788	BASORTRAV 13
217789	BASORTRAV 13
217790	BASORTRAV 13
217791	BASORTRAV 13
217792	BASORTRAV 13
217793	BASORTRAV 13
217794	BASORTRAV 13
217795	BASORTRAV 13
217796	BASORTRAV 13
217797	BASORTRAV 13
217798	BASORTRAV 13
217799	BASORTRAV 13
217800	BASORTRAV 13
217801	BASORTRAV 13
217802	BASORTRAV 13
217803	BASORTRAV 13
217804	BASORTRAV 13
217805	BASORTRAV 13
217806	BASORTRAV 13
217807	BASORTRAV 13
217808	BASORTRAV 13
217809	BASORTRAY 15
217810	BASORTRAY 15
217811	BASORTRAY 15
217812	BASORTRAY 15
217813	BASORTRAY 15
217814	BASORTRAY 15
217815	BASORSUPPORT 13, 28
217816	BASORSUPPORT 13, 28
217817	BASORSUPPORT 13, 28
217818	BASORSUPPORT 13, 28
217819	BASORSUPPORT 13, 28
217820	BASORSUPPORT 13, 28
217821	BASORSUPPORT 13, 28
217824	BASORSUPPORT 8
217825	BASORSUPPORT 8
217826	BASORSUPPORT 8
217828	BASORSUPPORT 21
217829	BASORSUPPORT 8
217830	BASORTRAY 15
217831	BASORTRAY 15
217832	BASORTRAY 15
217833	BASORTRAY 15
217834	BASORTRAY 15
217835	BASORTRAY 15
217836	BASORTRAY 15
217837	BASORTRAY 15
217838	BASORTRAY 15
217839	BASORTRAY 15
217840	BASORTRAY 15
217841	BASORTRAY 15
217842	BASORTRAY 15

REF.	Family / Pg.
217843	BASORTRAY 15
217849	BASORTRAY 18
217850	BASORTRAY 18
217852	BASORTRAY 19
217853	BASORTRAY 19
217854	BASORTRAY 19
217855	BASORTRAY 19
217856	BASORTRAY 19
217857	BASORTRAY 19
217858	BASORTRAY 19
217859	BASORTRAY 21
217860	BASORTRAY 21
217861	BASORTRAY 21
217862	BASORTRAY 21
217863	BASORTRAY 21
217864	BASORTRAY 21
217865	BASORTRAY 21
217866	BASORTRAY 21
217867	BASORTRAY 23
217868	BASORTRAY 23
217869	BASORTRAY 23
217870	BASORTRAY 23
217871	BASORTRAY 23
217872	BASORTRAY 23
217873	BASORTRAY 23
217874	BASORTRAY 23
217875	BASORTRAY 23
217876	BASORTRAY 23
217877	BASORTRAY 23
217878	BASORTRAY 23
217879	BASORTRAY 23
217880	BASORTRAY 23
217881	BASORTRAY 25
217882	BASORTRAY 25
217883	BASORTRAY 25
217884	BASORTRAY 25
217885	BASORTRAY 25
217886	BASORTRAY 25
217887	BASORTRAY 25
217888	BASORTRAY 25
217889	BASORTRAY 25
217890	BASORTRAY 25
217891	BASORTRAY 25
217892	BASORTRAY 25
217893	BASORTRAY 25
217894	BASORTRAY 25
217895	BASORTRAY 26
217896	BASORTRAY 26
217897	BASORTRAY 26
217898	BASORTRAY 26
217899	BASORTRAY 26
217900	BASORTRAY 26
217901	BASORTRAY 26
217902	BASORTRAY 26
217903	BASORTRAY 26
217904	BASORTRAY 26
217905	BASORTRAY 26
217906	BASORTRAY 26

REF.	Family / Pg.
217907	BASORTRAY 26
217908	BASORTRAY 26
217909	BASORTRAY 27
217910	BASORTRAY 27
217911	BASORTRAY 27
217912	BASORTRAY 27
217913	BASORTRAY 27
217914	BASORTRAY 27
217915	BASORTRAY 27
217919	BASORTRAY 27
217921	BASORTRAY 27
217922	BASORTRAY 27
217923	BASORTRAY 20
217924	BASORTRAY 20
217925	BASORTRAY 20
217926	BASORTRAY 20
217927	BASORTRAY 20
217928	BASORTRAY 20
217929	BASORTRAY 20
217930	BASORTRAY 20
217931	BASORTRAY 20
217932	BASORTRAY 20
217933	BASORTRAY 20
217934	BASORTRAY 20
217935	BASORTRAY 20
217936	BASORTRAY 20
217937	BASORTRAY 22
217938	BASORTRAY 22
217939	BASORTRAY 22
217940	BASORTRAY 22
217941	BASORTRAY 22
217942	BASORTRAY 22
217943	BASORTRAY 22
217944	BASORTRAY 22
217945	BASORTRAY 22
217946	BASORTRAY 22
217947	BASORTRAY 22
217948	BASORTRAY 22
217949	BASORTRAY 22
217950	BASORTRAY 22
217951	BASORTRAY 24
217952	BASORTRAY 24
217953	BASORTRAY 24
217954	BASORTRAY 24
217955	BASORTRAY 24
217956	BASORTRAY 24
217957	BASORTRAY 24
217958	BASORTRAY 24
217959	BASORTRAY 24
217960	BASORTRAY 24
217961	BASORTRAY 24
217962	BASORTRAY 24
217963	BASORTRAY 24
217964	BASORTRAY 24
218063	BASORSUPPORT 28
218064	BASORTRAY 33
218065	BASORTRAY 33
218066	BASORTRAY 33

REF.	Family / Pg.
218067	BASORTRAY 33
218068	BASORTRAY 33
218069	BASORTRAY 33
218070	BASORTRAY 39
218071	BASORTRAY 39
218072	BASORTRAY 39
218073	BASORTRAY 39
218074	BASORTRAY 39
218075	BASORTRAY 39
218076	BASORTRAY 39
218077	BASORSUPPORT 12
218078	BASORSUPPORT 12
218079	BASORFIX 4
218080	BASORFIX 4
218081	BASORFIX 5
218082	BASORFIX 7
218083	BASORFIX 7
218084	BASORFIX 7
218085	BASORFIX 7
218086	BASORFIX 8
218087	BASORFIX 8
218088	BASORFIX 8
218089	BASORFIX 9
218090	BASORFIX 9
218091	BASORFIX 9
218092	BASORFIX 9
218093	BASORFIX 10
218094	BASORFIX 10
218095	BASORFIX 10
218096	BASORFIX 11
218097	BASORFIX 11
218098	BASORFIX 11
218099	BASORFIX 12
218100	BASORFIX 12
218101	BASORFIX 7
218102	BASORFIX 7
218103	BASORFIX 7
218104	BASORFIX 7
218105	BASORFIX 8
218106	BASORFIX 8
218107	BASORFIX 8
218108	BASORFIX 9
218109	BASORFIX 9
218110	BASORFIX 9
218111	BASORFIX 9
218112	BASORFIX 10
218113	BASORFIX 10
218114	BASORFIX 10
218115	BASORFIX 11
218116	BASORFIX 11
218117	BASORFIX 11
218118	BASORFIX 12
218119	BASORFIX 12
218120	BASORTRAY 27
218121	BASORTRAY 27
218122	BASORSUPPORT 9
218123	BASORSUPPORT 9
218124	BASORSUPPORT 9

REF.	Family / Pg.
218125	BASORSUPPORT 9
218126	BASORSUPPORT 9
218127	BASORSUPPORT 9
218128	BASORSUPPORT 10
218129	BASORSUPPORT 10
218130	BASORSUPPORT 10
218131	BASORSUPPORT 10, 17, 22
218132	BASORSUPPORT 10, 17, 22
218133	BASORSUPPORT 11
218134	BASORSUPPORT 11, 18
218135	BASORSUPPORT 11, 18
218136	BASORSUPPORT 11, 18
218137	BASORSUPPORT 11, 18
218138	BASORSUPPORT 11, 18
218139	BASORSUPPORT 8, 15
218140	BASORTRAY 15
218141	BASORTRAY 15
218142	BASORTRAY 15
218143	BASORTRAY 15
218144	BASORTRAY 15
218145	BASORTRAY 15
218146	BASORTRAY 15
218147	BASORTRAY 15
218148	BASORTRAY 15
218149	BASORTRAY 15
218150	BASORTRAY 15
218151	BASORTRAY 15
218152	BASORTRAY 15
218153	BASORTRAY 15
218154	BASORTRAY 13,BASORFIL 5
218155	BASORTRAY 13,BASORFIL 5
218156	BASORTRAY 13,BASORFIL 5
218157	BASORTRAY 13,BASORFIL 5
218158	BASORTRAY 13,BASORFIL 5
218159	BASORTRAY 13,BASORFIL 5
218160	BASORTRAY 13,BASORFIL 5
218161	BASORTRAY 19
218162	BASORTRAY 19
218163	BASORTRAY 19
218164	BASORTRAY 19
218165	BASORTRAY 19
218166	BASORTRAY 19
218167	BASORTRAY 19
218168	BASORTRAY 19
218169	BASORTRAY 19
218170	BASORTRAY 19
218171	BASORTRAY 19
218172	BASORTRAY 19
218173	BASORTRAY 19
218174	BASORTRAY 19
218175	BASORTRAY 21
218176	BASORTRAY 21
218177	BASORTRAY 21
218178	BASORTRAY 21
218179	BASORTRAY 21
218180	BASORTRAY 21
218181	BASORTRAY 21
218182	BASORTRAY 21

REF.	Family / Pg.
218183	BASORTRAY 21
218184	BASORTRAY 21
218185	BASORTRAY 21
218186	BASORTRAY 21
218187	BASORTRAY 21
218188	BASORTRAY 21
218189	BASORTRAY 23
218190	BASORTRAY 23
218191	BASORTRAY 23
218192	BASORTRAY 23
218193	BASORTRAY 23
218194	BASORTRAY 23
218195	BASORTRAY 23
218196	BASORTRAY 23
218197	BASORTRAY 23
218198	BASORTRAY 23
218199	BASORTRAY 23
218200	BASORTRAY 23
218201	BASORTRAY 23
218202	BASORTRAY 23
218203	BASORTRAY 25
218204	BASORTRAY 25
218205	BASORTRAY 25
218206	BASORTRAY 25
218207	BASORTRAY 25
218208	BASORTRAY 25
218209	BASORTRAY 25
218210	BASORTRAY 25
218211	BASORTRAY 25
218212	BASORTRAY 25
218213	BASORTRAY 25
218214	BASORTRAY 25
218215	BASORTRAY 25
218216	BASORTRAY 25
218217	BASORTRAY 26
218218	BASORTRAY 26
218219	BASORTRAY 26
218220	BASORTRAY 26
218221	BASORTRAY 26
218222	BASORTRAY 26
218223	BASORTRAY 26
218224	BASORTRAY 26
218225	BASORTRAY 26
218226	BASORTRAY 26
218227	BASORTRAY 26
218228	BASORTRAY 26
218229	BASORTRAY 26
218230	BASORTRAY 26
218231	BASORTRAY 27
218232	BASORTRAY 27
218233	BASORTRAY 27
218234	BASORTRAY 27
218235	BASORTRAY 27
218236	BASORTRAY 27
218237	BASORTRAY 27
218238	BASORTRAY 27
218239	BASORTRAY 27
218240	BASORTRAY 27

REF.	Family / Pg.
218241	BASORTRAY 27
218242	BASORTRAY 27
218243	BASORTRAY 27
218244	BASORTRAY 27
218245	BASORTRAY 20
218246	BASORTRAY 20
218247	BASORTRAY 20
218248	BASORTRAY 20
218249	BASORTRAY 20
218250	BASORTRAY 20
218251	BASORTRAY 20
218252	BASORTRAY 20
218253	BASORTRAY 20
218254	BASORTRAY 20
218255	BASORTRAY 20
218256	BASORTRAY 20
218257	BASORTRAY 20
218258	BASORTRAY 20
218259	BASORTRAY 22
218260	BASORTRAY 22
218261	BASORTRAY 22
218262	BASORTRAY 22
218263	BASORTRAY 22
218264	BASORTRAY 22
218265	BASORTRAY 22
218266	BASORTRAY 22
218267	BASORTRAY 22
218268	BASORTRAY 22
218269	BASORTRAY 22
218270	BASORTRAY 22
218271	BASORTRAY 22
218272	BASORTRAY 22
218273	BASORTRAY 24
218274	BASORTRAY 24
218275	BASORTRAY 24
218276	BASORTRAY 24
218277	BASORTRAY 24
218278	BASORTRAY 24
218279	BASORTRAY 24
218280	BASORTRAY 24
218281	BASORTRAY 24
218282	BASORTRAY 24
218283	BASORTRAY 24
218284	BASORTRAY 24
218285	BASORTRAY 24
218286	BASORTRAY 24
218385	BASORTRAY 29
218386	BASORTRAY 28
218387	BASORFIL 14
218388	BASORTRAY 40, BASORTRAV 70
218389	BASORSUPPORT 27
218390	BASORSUPPORT 27
218391	BASORSUPPORT 27
218392	BASORSUPPORT 27
218393	BASORSUPPORT 28
218394	BASORTRAY 33
218395	BASORTRAY 33

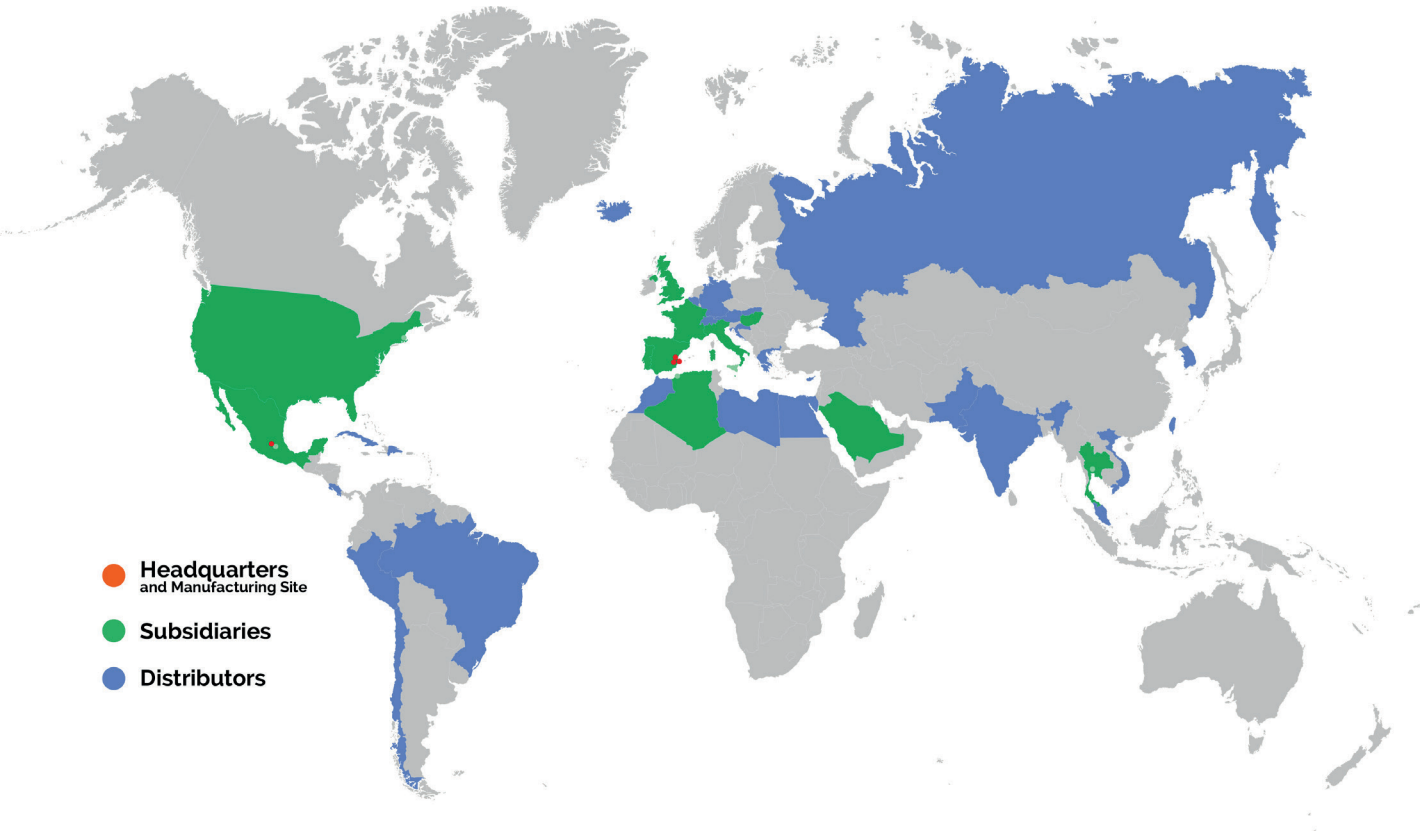
REF.	Family / Pg.
218396	BASORTRAY 33
218397	BASORTRAY 33
218398	BASORTRAY 33
218399	BASORTRAY 33
218400	BASORTRAY 39
218401	BASORTRAY 39
218402	BASORTRAY 39
218403	BASORTRAY 39
218404	BASORTRAY 39
218405	BASORTRAY 39
218407	BASORSUPPORT 12
218408	BASORSUPPORT 12
218409	BASORSUPPORT 13, 28
218410	BASORSUPPORT 13, 28
218411	BASORSUPPORT 13, 28
218412	BASORSUPPORT 13, 28
218413	BASORSUPPORT 13, 28
218414	BASORSUPPORT 12
218415	BASORSUPPORT 8
218416	BASORSUPPORT 15
218417	BASORSUPPORT 15
218418	BASORSUPPORT 15
218419	BASORSUPPORT 15
218420	BASORSUPPORT 15
218421	BASORSUPPORT 15
218422	BASORSUPPORT 15
218423	BASORSUPPORT 15
218424	BASORSUPPORT 15
218425	BASORSUPPORT 15
218426	BASORSUPPORT 15
218427	BASORSUPPORT 15
218428	BASORSUPPORT 21
218429	BASORSUPPORT 21
218430	BASORSUPPORT 21
218431	BASORSUPPORT 21
218432	BASORSUPPORT 21
218433	BASORSUPPORT 8
218434	BASORSUPPORT 8
218435	BASORSUPPORT 8
218436	BASORSUPPORT 8
218437	BASORSUPPORT 8
218438	BASORSUPPORT 8
218439	BASORSUPPORT 8
218440	BASORFIX 4
218441	BASORFIX 4
218442	BASORFIX 5
218444	BASORTRAY 27
218445	BASORTRAY 27
218446	BASORTRAY 29
218447	BASORTRAY 30
218448	BASORTRAY 28
218449	BASORSUPPORT 9
218450	BASORSUPPORT 9
218451	BASORSUPPORT 9
218452	BASORSUPPORT 9
218453	BASORSUPPORT 9
218454	BASORSUPPORT 9
218455	BASORSUPPORT 9

REF.	Family / Pg.
218456	BASORSUPPORT 9
218457	BASORSUPPORT 9
218458	BASORSUPPORT 9
218459	BASORSUPPORT 9
218460	BASORSUPPORT 9
218461	BASORSUPPORT 9
218462	BASORSUPPORT 10
218463	BASORSUPPORT 10
218464	BASORSUPPORT 10
218465	BASORSUPPORT 10, 17, 22
218466	BASORSUPPORT 10, 17, 22
218467	BASORSUPPORT 11
218468	BASORSUPPORT 11, 18
218469	BASORSUPPORT 11, 18
218470	BASORSUPPORT 11, 18
218471	BASORSUPPORT 11, 18
218472	BASORSUPPORT 11, 18
218473	BASORSUPPORT 16, 22
218474	BASORSUPPORT 16, 22
218475	BASORSUPPORT 16, 22
218476	BASORSUPPORT 16
218477	BASORSUPPORT 16
218478	BASORSUPPORT 16
218479	BASORSUPPORT 15
218480	BASORTRAY 33
218481	BASORTRAY 33
218482	BASORTRAY 33
218483	BASORTRAY 33
218484	BASORTRAY 33
218485	BASORTRAY 33
218486	BASORTRAY 33
218487	BASORTRAY 33
218488	BASORTRAY 33
218489	BASORTRAY 33
218490	BASORTRAY 33
218491	BASORTRAY 33
218492	BASORTRAY 39
218493	BASORTRAY 39
218494	BASORTRAY 33
218495	BASORTRAY 33
218496	BASORTRAY 33
218497	BASORTRAY 33
218498	BASORTRAY 33
218499	BASORTRAY 33
218500	BASORTRAY 33
218501	BASORTRAY 33
218502	BASORTRAY 33
218503	BASORTRAY 33
218504	BASORTRAY 33
218505	BASORTRAY 33
218506	BASORTRAY 39
218509	BASORTRAV 69
218510	BASORTRAV 69
218511	BASORTRAV 69
218512	BASORFIX 21
218513	BASORFIX 21
218514	BASORFIX 23
218515	BASORFIX 12

REF.	Family / Pg.
218524	BASORFIX 15
218525	BASORFIX 15
218526	BASORTRAY 18
218527	BASORTRAY 18
218528	BASORTRAY 18
218529	BASORTRAY 18
218533	BASORTRAV 70
218534	BASORTRAY 34
218535	BASORTRAY 34
218536	BASORTRAY 34
218537	BASORTRAY 34
218538	BASORTRAY 34
218539	BASORFIX 21
218540	BASORFIX 21
218541	BASORSUPPORT 13, 28
218542	BASORSUPPORT 13, 28
218543	BASORSUPPORT 13, 28
218544	BASORSUPPORT 13, 28
218545	BASORSUPPORT 13, 28
218546	BASORSUPPORT 13, 28
218547	BASORPLAST 8
218548	BASORPLAST 8
218549	BASORTRAY 29
218550	BASORTRAY 29
218551	BASORTRAY 29
218552	FIBERTRAV 26
218553	BASORFIL 14
218554	BASORFIL 19
218555	BASORTRAY 12
218556	BASORTRAY 21
218557	BASORTRAY 23
218558	BASORTRAY 23
218559	BASORFIL 5
218560	BASORFIL 5
218561	BASORFIL 15
218562	BASORFIL 16
218563	BASORFIL 16
218564	BASORFIL 16
218565	BASORFIL 17
218566	BASORFIL 18
218567	BASORFIL 19
218571	BASORTRAV 53
218573	BASORTRAV 54
218574	BASORTRAV 16, 56
218575	BASORTRAV 70
218576	BASORFIL 5
218577	BASORFIL 5
218578	BASORFIL 5
218579	BASORFIL 5
218580	BASORFIL 5
218581	BASORFIL 5
218582	BASORFIL 5
218587	BASORFIL 9
218588	BASORFIL 13
218589	BASORFIL 14
218590	BASORFIL 13
218591	BASORTRAV 70
218592	BASORTRAV 70

REF.	Family / Pg.
218594	BASORTRAY 15
218595	BASORTRAY 15
218596	BASORTRAY 15
218597	BASORTRAY 15
218598	BASORTRAY 15
218599	BASORTRAY 15
218600	BASORTRAY 15
218601	BASORTRAY 15
218602	BASORTRAY 15
218603	BASORTRAY 15
218604	BASORTRAY 15
218605	BASORTRAY 15
218606	BASORTRAY 15
218607	BASORTRAY 15
218608	BASORTRAY 15
218609	BASORTRAY 15
218610	BASORTRAY 15
218611	BASORTRAY 15
218612	BASORTRAY 15
218613	BASORTRAY 15
218614	BASORTRAY 15
218615	BASORTRAY 15
218616	BASORTRAY 15
218617	BASORFIL 5
218618	BASORFIL 5
218619	BASORFIL 5
218620	BASORFIL 5
218621	BASORFIL 5
218622	BASORFIL 5
218623	BASORFIL 5
218624	BASORFIL 5
218625	BASORFIL 5
218626	BASORFIL 5
218627	BASORFIL 5
218628	BASORFIL 5
218629	BASORFIL 5
218630	BASORFIL 5
218631	BASORFIL 5
218632	BASORFIL 5
218633	BASORFIL 5
218642	BASORFIX 20
218643	BASORFIL 5
218644	BASORFIL 5
218645	BASORFIL 5
218646	BASORFIL 5
218647	BASORFIL 5
218648	BASORFIL 5
218649	BASORFIL 5

REF.	Family / Pg.



SPAIN HEADQUARTERS
Avenida Alcodar 45-47
46701 Gandia (Valencia)
T. +34.962.876.695

ITALY Basor Electric SRL
Via B. Franklin, 31
43122 Parma
T. +39.0521.798.360

PORTUGAL Basor Caminho de Cabos
Parque Empresarial Quimiparque
Edif. 153, rua n°42, 21
2830 Barreiro (Lisboa)
T. +351.212.071.165

HUNGARY Basor Elektro KFT
Grassalkovic U.255
H-1239 Budapest
T. +361.297.0204

THAILAND Basor THAI
166/26 soi Charoenporn Charansanitwong rd.,
Baanchanglor
Bangkoknoi, Bangkok 10500
T. +66 0 2 9152300

MEXICO Basor México SAPI
Paseo de la Reforma 87-203
06030 Col. Tabacalera – Del. Cuauhtémoc
(México D.F)
T. +52.55.5546.9092

FRANCE Basor France
Basor Electric SARL
266 Avenue Daumesnil
75012 Paris (France)
T. +33.01.58.0427.66

UNITED KINDOM Basor Electric LTD
Unit 23, Eldon Way Industrial Estate
Paddock Wod, TN12 6BE, Kent
T. +44.1892.833.500

ARGELIA Basor SARL M.N.A Equipments
28, Avenue Colonel Bougara
Velle-vue, El-Harrach
T. +213.2152.6234

USA Basor Electric Inc.
609 South Breese • Suite 100
Milstadt, IL 62260
T. +844.393.3985



BEGREEN

BASOR ELECTRIC S.A.

Avenida Alcodar 45-47
46701 Gandia - Valencia (SPAIN)
+34.962.876.695
basor@basor.com

www.basor.com