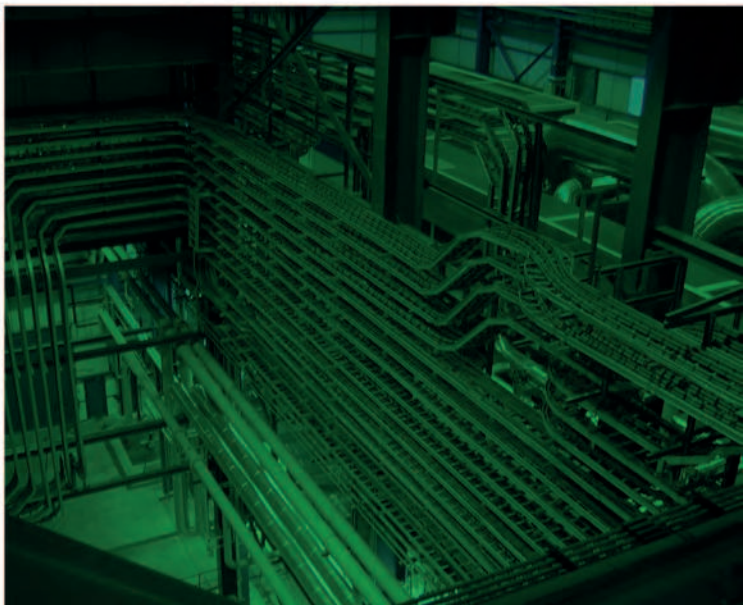
B06

basor electric

basor electric



CE

NEMA

BASORTRAY

ERE50

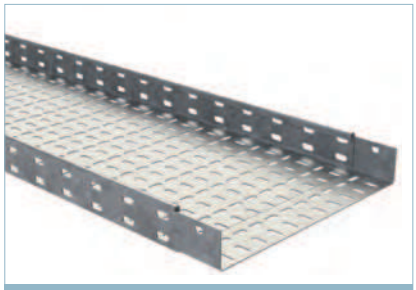
	50 mm		50 mm
	3 m		Low duty
	GS, GC		

ER2E

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

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

OME

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

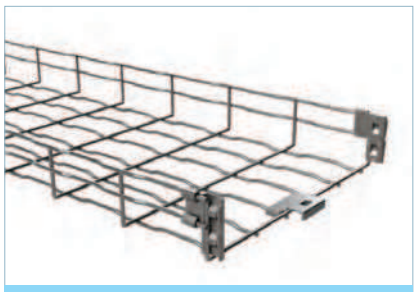
U AL

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

EB

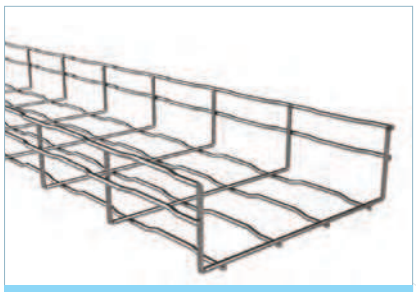
	50-600 mm		10-30 mm
	2 m		Low duty
	GS, i304		

BASORFIL



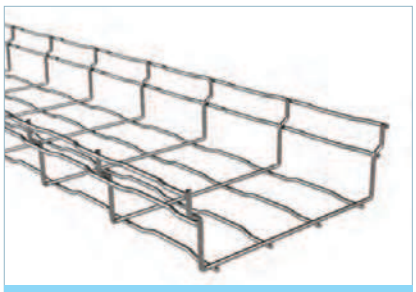
BF2R

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



BFR

	60-600 mm		35-105 mm
	3 m		Low - Medium duty
	EZ, GC, i304, i316		



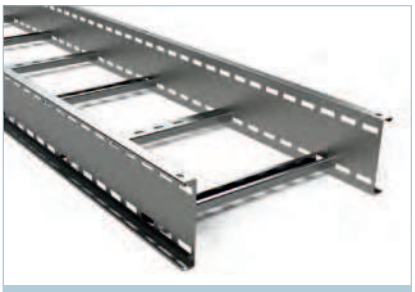
EBFR

	100-600 mm		65-105 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		50-150 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
	GC80		

F

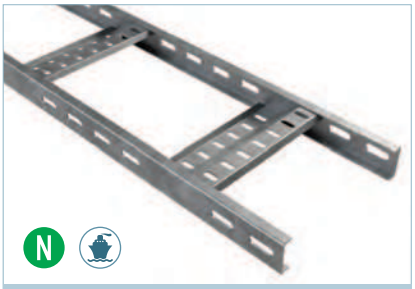
	100-600 mm		100 mm
	3 m		Medium duty
	AL		

UEC

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

I

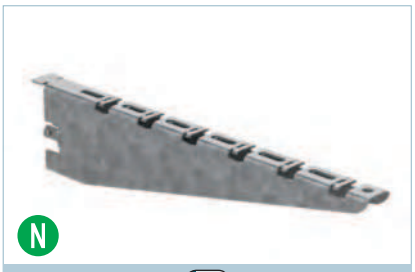
	6"-36"		4"-6"
	3 m		Heavy - Extra Heavy duty
	AL		



EML / EMS

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

BASORSUPPORT



50-1500 mm	Low - Extra Heavy duty
GS, GC, i304	

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
	PVCM1UV		

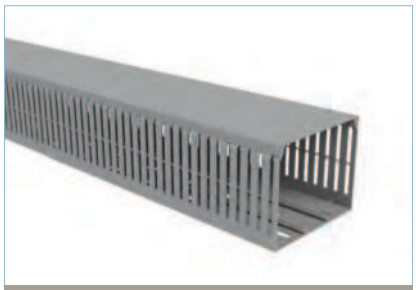
BPI

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

	100-600 mm		Medium duty
	PVCM1UV		

	2 m		Medium duty
	GSP		

	100-600 mm		Medium duty
	PVCM1UV		



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		

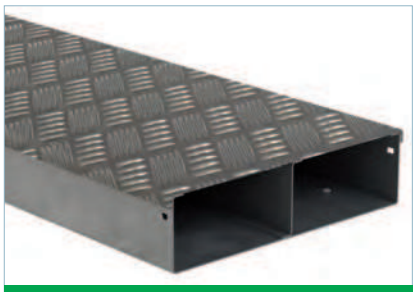
BASORCANAL

CT GSE

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

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

ø	1/2"-4"		
↔	6 m		Heavy duty
	GC		

SSS

ø	1/2"-4"		
↔	6 m		Extra Heavy duty
	GC		

RE1250 / R1250

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

COFLEX

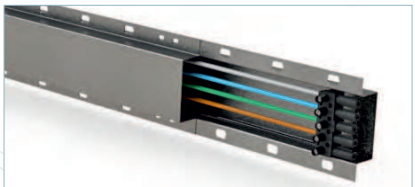
ø	16-50 mm		
	25-100 m		Low duty
	LH		

BASORFLEX

FLEXL

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

TRUNKING



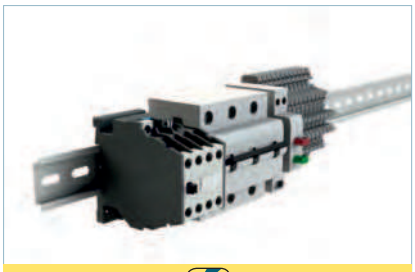
TRUNKING

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			

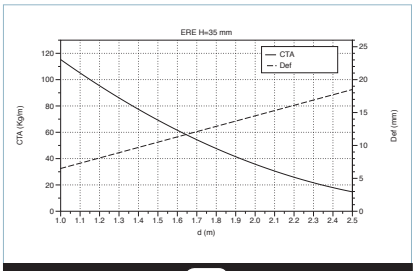
Medium - Heavy duty	
GS, GC	

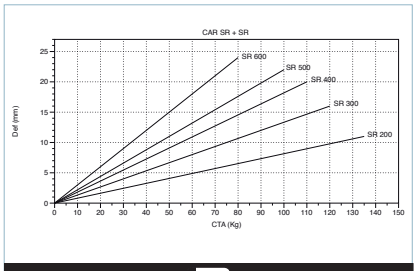
ø	M6 - M12		20-70 mm
EZ, i304			

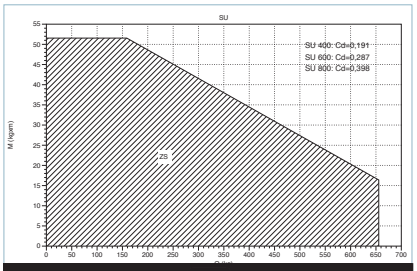
ø	M6 - M12		30-80 mm
Medium - Heavy duty			
EZ			

10-35, 35-95 m²	
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
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

STD 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

MAX 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

GRC 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

F2E ESCALERA / LADDER FIXING / BRIDE ECHELLE / FISSAGGIO SCALETTA / F2E 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 F2E / PVC TRAY+IK10 RETAINER / GOULOTTE +BRIDE IK10 / CANALE IN PVC+IK10 ... / CALHA COM F2E / PEREMES CSATORNA / KANAL MIT FLANSCH / ЛОТОК ИЗ ПВХ С ДЕРЖАТЕЛЕМ IK 10 / VÝSTUHA ŽLABU (IK10)

CANAL SIN F2E / PVC TRAY W / O IK10 RETAINER / CANALE IN PVC W / O IK10.. / GOULOTTE SANS BRIDE / CALHA SEM F2E / 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 / TÖMÖR 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

IP65 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 ТРЕБУЮЕТСЯ 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 FALISZERELVÉNY-HEZ / 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 Н.М / UTAHOVACÍ MOMENT N.M

INCLUYE /INCLUDE / COMPREND / COMPRENDE / INCLUI / TARTALMAZZA / ES UMFASST/OHA 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 ALA / A SCREW INTO EACH ALA / UNE VIS DANS CHAQUE ALA / UNA VITE IN OGNI ALA / UM PARAFUSO EM CADA ALA / A CSAVART MINDKÉT ALA / EINE SCHRAUBE IN JEDE ALA / ШУРУП В КАЖДУЮ ALA / SKRUTKA DO KAŽDEJ ALA

UN TORNILLO EN CADA ALA Y UNO EN LA BASE / A SCREW INTO EACH ALA AND ONE IN THE BASE / UNE VIS DANS CHAQUE ALA ET UN DANS LA BASE / UNA VITE IN OGNI ALA E UNO NEL BASE / UM PARAFUSO EM CADA ALA E UM NO BASE / A CSAVART MINDKÉT ALA ÉS EGY A BASE / EINE SCHRAUBE IN JEDE ALA UND EINE IN DER BASE / ШУРУП В КАЖДУЮ ALA И ОДИН В БАЗИСНОМ / SKRUTKA DO KAŽDEJ ALA A JEDEN V ZÁKLADNI

↑60 ↑100 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

XXX° 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 / OHA 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 / SYSTEM WITH ELECTRICAL CONTINUITY ACCORDING TO UNE-EN 61537 AND/OR UNE-EN 50085 / SYSTÈME GARANTISSANT LA CONTINUITÉ ELECTRIQUE SELON UNE-EN 61537 / UNE-EN 50085 / SISTEMA COM CONTINUIDADE ELÉCTRICA SEGUNDO A NORMA UNE-EN 61537 E/OU UNE-EN 50085 / ELEKTROMOS VEZETŐ AZ UNE-EN 62537/ UNE-EN 50085 NORMA SZERINT / SYSTEM MIT ELEKTRISCHE LEITFÄHIGKEIT NACH UNE-EN 61537 UND/ODER UNE-EN 50085 / СИСТЕМА, ОБЛАДАЮЩАЯ ЭЛЕКТРОПРОВОДНОСТЬЮ, ВЫПОЛНЕНА В СООТВЕТСТВИИ СО СТАНДАРТАМИ UNE-EN 61537 И/ИЛИ UNE-EN 50085 / PROPOJENÍ ELEKTRICKÉHO SYSTÉMU UNE-EN 61537 A/NEBO UNE-EN 50085

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)

150ºC
-50ºC
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 2002/95/EC / ACCORDING TO ROHS 2002/95/EC / RESPECT DE LA DIRECTIVE ROHS 2002/95/EC / CONFORME A DIRECTIVA ROHS 2002/95/EC / ROHS 2002/95/IEC NORMÁNAK MEGFELEL / ROHS 2002/95/EC KONFORM / СООТВЕТСТВУЕТ ROHS 200/95/EC / ROHS PODLE 2002/95/EC

AL x3 95 BC 1304

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
GC80	ACERO GALVANIZADO EN CALIENTE CON ESPESOR MÍNIMO DE 80 µm / HOT DIP GALVANISED WITH MINIMUM THICKNESS OF 80 µm / ACIER GALVANISÉ À CHAUD D'UNE ÉPAISSEUR MINIMALE DE 80 µm / AÇO COM GALVANIZAÇÃO A QUENTE APÓS MAQUINAÇÃO COM ESPESSURA MÍNIMA DE 80 µm / TÜZIHORGANYZOTT AZ MINIMÁLIS VASTAGSÁGA 80 µm / STAHL HOT DIP MIT EINER MINDESTDICKE 80 µm / ГОРЯЧАЯ ГАЛЬВАНИЗАЦИЯ ТОЛЩИНОЙ НЕ МЕНЕЕ 80 µm / ŽÁROVĚ ZINKOVÁNO O MINIMÁLNÍ TLOUŠŤCE 80 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 GSE	ACERO GALVANIZADO SENDZIMIR + PINTURA EPOXI-POLYESTER / PRE-GALVANISED STEEL + EPOXI/POLYESTHER PAINTING / ACIER GALVANISÉ SENDZIMIR+ PEINTURE EPOXY-POLYESTER / ACCIAIO GALVANIZZATO SENDZIMIR + VERNICIATURA EPOXI-POLIESTERE / AÇO GALVANIZADO SENDZIMIR + PINTURA EPOXI-POLYESTER / SZALAGHORGANYZOTT ACÉL+EPOXI BEVONAT / STAHL SENDZIMIR VERZINKT + EPOXY-POLYESTER FARBE / ПРЕДВАРИТЕЛЬНО ГАЛЬВАНИЗИРОВАННАЯ СТАЛЬ + ПОКРЫТИЕ ЭПОКСИДНАЯ 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
PVCM1UV	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	POLIMERO TERMOPLÁSTICO LIBRE DE HALOGENOS RLH7035 / THERMOPLASTIC HALOGEN FREE POLYMER RLH7035 / POLYMÈRE THERMOPLASTIQUE SANS HALOGÈNE RLH7035 / POLÍMERO TERMOPLÁSTICO LIVRE DE HALOGÉNEOS RLH7035 / POLIMER HALOGÉNMENTES MŰANYAG / THERMOPLASTISCHES POLYMER HALOGENFREI RLH 7035 / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР RLH7035, 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
NYLON	NYLON: NAILON / NYLON / НЕЙЛОН
PE	POLIMERO TERMOPLÁSTICO PE / THERMOPLASTIC POLYMER PE / POLYMÈRE THERMOPLASTIQUE PE / POLÍMERO TERMOPLÁSTICO PE / POLIMER PE / THERMOPLASTISCHES POLYMER PE / ТЕРМОПЛАСТИЧНЫЙ ПОЛИМЕР PE / TERMOPLASTICKÝ POLYMER PE
PA6	POLIAMIDA PA6 / POLYAMIDE PA6 / POLYAMIDE PA6 / POLIAMMIDE PA6 / POLIAMIDA PA6 / POLIAMID PA6 / POLYAMID PA6 / ПОЛИАМИД PA6 / POLYAMID PA6
PRFV	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 / ПОЛИАМИД С АРМИРОВАННОГО СТЕКЛОПЛАСТИКА / POLYAMID 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

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
UNE-EN 50085

IP3X IP2X
IEC 60529

IK10 IK07
IEC 50102


TERE 50


PTER 50X50


CPER 50X50


CCER 50X50


CXER 50X50


JUER 50X50


B1

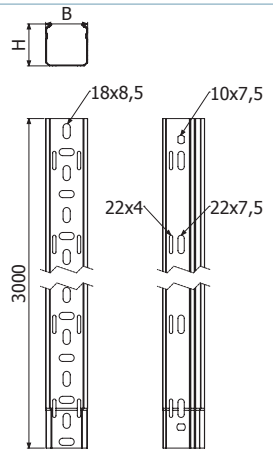
		Filling Area	
B		H50 (2")	
mm	inch	cm²	in²
50	2	24	3,7

ERE 50X50

L = 3 m (10 ft)

	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
ERE 50X50	50	2"	50	2"	2/10181	0,65	2/10182	0,77

2/100 x B1 (2/4356 - GS // 2/6826 - GC).

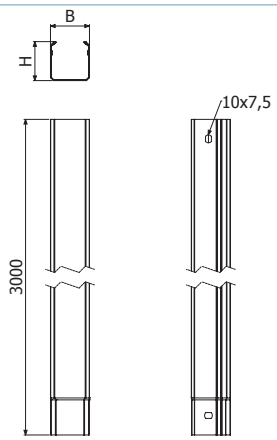


ERE-C 50X50

L = 3 m (10 ft)

	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
ERE-C 50X50	50	2"	50	2"	2/10183	0,69	2/10184	0,82

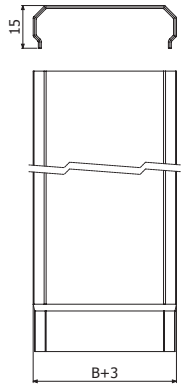
2/100 x B1 (2/4356 - GS // 2/6826 - GC).



TERE 50

L = 3 m (10 ft)

	B		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
TERE 50	50	2"	2/10282	0,33	2/10283	0,43

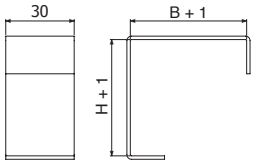


PTER 50X50

	B		H		i304	
	mm	inch	mm	inch	REF.	kg/ud
PTER 50X50	50	2"	50	2"	2/8234	0,05

IK10

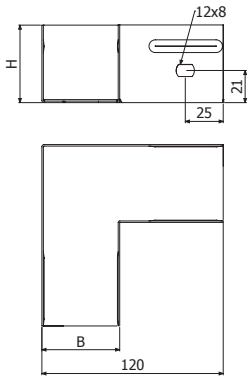
2 x PTER 50X50 => 1 x TERE 50



CPER 50X50

	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/m
CPER 50x50	50	2"	50	2"	2/3235	0,26	2/6950	0,29

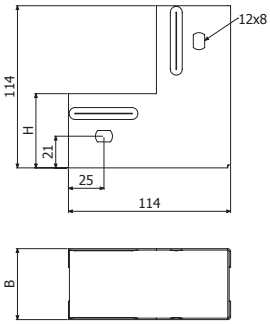
1 x JUER 50X50 (2/2051 - GS // 2/2056 - GC)



CCER 50X50

	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/m
CCER 50x50	50	2"	50	2"	2/3236	0,27	2/6952	0,31

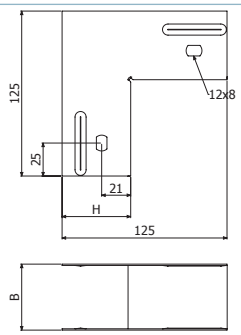
1 x JUER 50X50 (2/2051 - GS // 2/2056 - GC)



CXER 50X50

	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/m
CXER 50x50	50	2"	50	2"	2/3238	0,24	2/6951	0,30

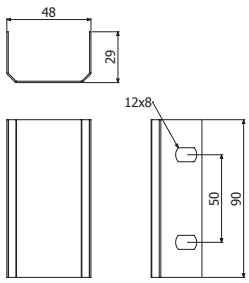
1 x JUER 50X50 (2/2051 - GS // 2/2056 - GC)



JUER 50X50

	B		GS		GC	
	mm	inch	REF.	kg/ud	REF.	kg/ud
JUER 50X50	50	2"	2/2051	0,09	2/2056	0,10

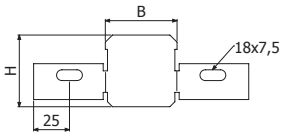
4/100 x B1 (2/4356 - EZ // 2/6826 - GC)



TFERE 50

	B		B		GS		GC	
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud
TFERE 50X50	50	2"	50	2"	2/17267	0,06	2/17268	0,06

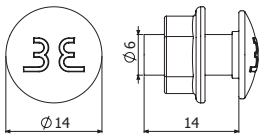
2/100 x B1 (2/4356 - GS // 2/6826 - GC)

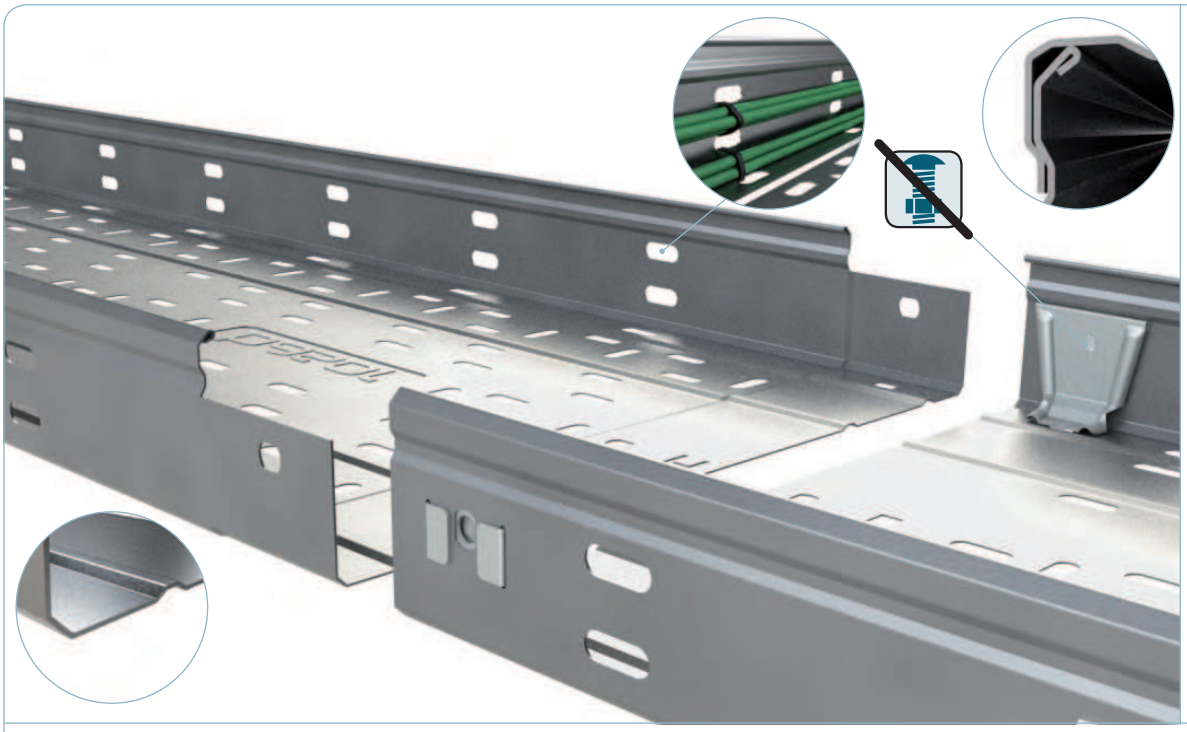


B1

	Pap	EZ		GC	
	Nm	REF.	kg/ud	REF.	kg/ud
B1-100	6	2/4356	0,77	2/6826	0,77

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

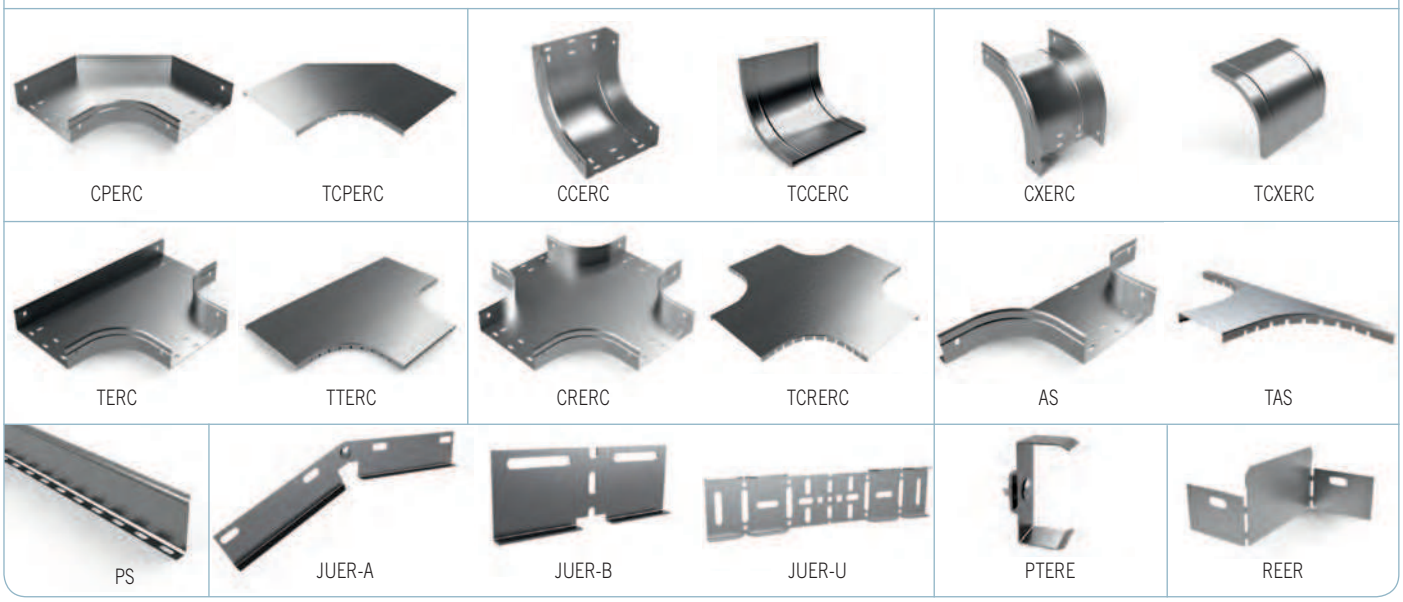
120°C
-25°C
UNE-EN 50085

3
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085

IP23
IEC 60529

IK10 IK07
IEC 50102

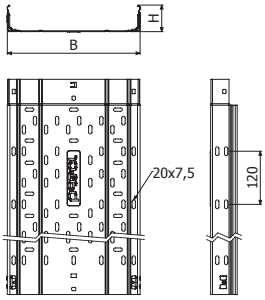


		Filling Area	
B		H60 (2 3/8")	
mm	inch	cm²	in²
100	4"	59	9,1
150	6"	89	13,7
200	8"	119	18,4
300	12"	178	27,5
400	16"	238	36,8
500	20"	298	46,1
600	24"	358	55,4

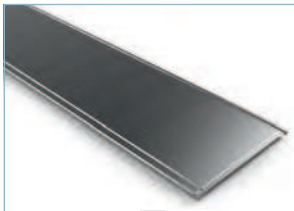
ER2E H60

L = 3 m (10 ft)

	B		H		GS	
	mm	inch	mm	inch	REF.	kg/m
ER2E 100X60	100	4"	60	2 3/8"	2/10233	0,95
ER2E 150X60	150	6"	60	2 3/8"	2/10234	1,17
ER2E 200X60	200	8"	60	2 3/8"	2/10235	1,46
ER2E 300X60	300	12"	60	2 3/8"	2/10236	2,03
ER2E 400X60	400	16"	60	2 3/8"	2/10237	2,86
ER2E 500X60	500	20"	60	2 3/8"	2/10238	3,38
ER2E 600X60	600	24"	60	2 3/8"	2/10239	3,91

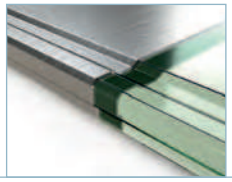


TERE

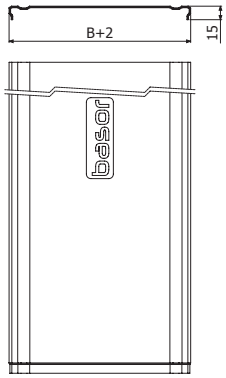


L = 3 m (10 ft)

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



	B		GS	
	mm	inch	REF.	kg/m
TERE 100	100	4"	2/1312	0,55
TERE 150	150	6"	2/1313	0,76
TERE 200	200	8"	2/1314	0,98
TERE 300	300	12"	2/1316	1,55
TERE 400 2M	400	16"	2/1317	2,19
TERE 500 2M	500	20"	2/1318	3,11
TERE 600 2M	600	24"	2/1319	3,95

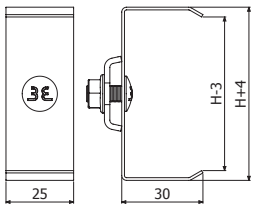


PTERE

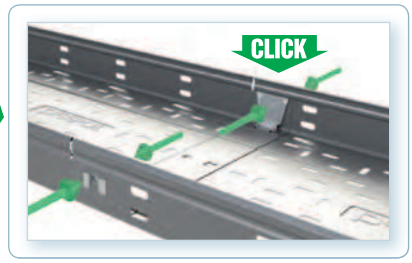
	H		i304	
	mm	inch	REF.	kg/ud
PTERE 35	35	1 3/8"	2/7059	0,05
PTERE 60	60	2 3/8"	2/7060	0,05
PTERE 80	80	3 1/7"	2/7061	0,06
PTERE 100	100	4"	2/7062	0,06

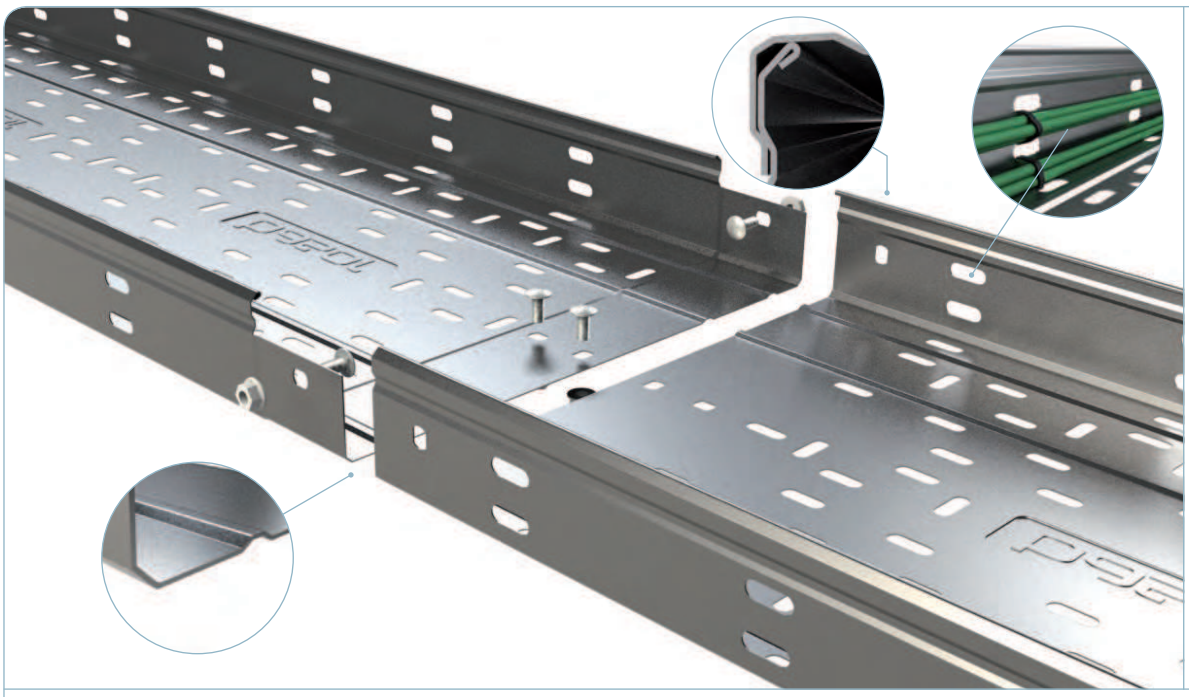
IK10

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

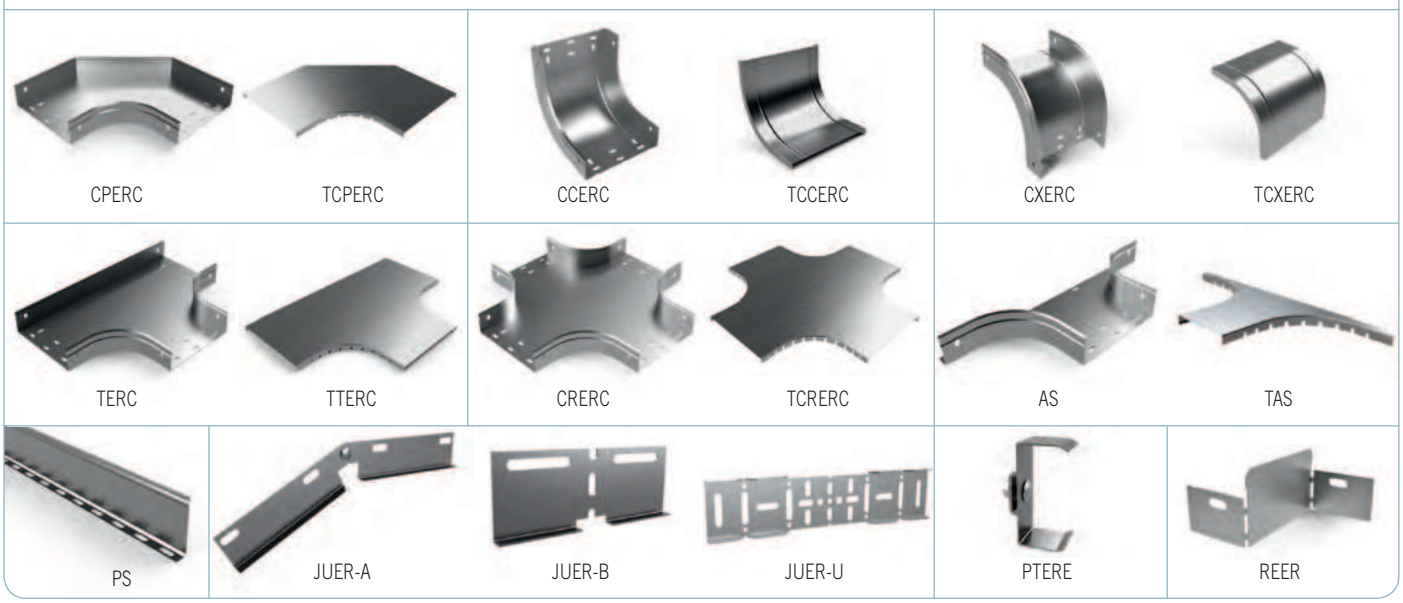
120°C
-25°C
UNE-EN 50085

3 5
9A
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085

IP44 IP23
IEC 60529

IK10 IK07
IEC 50102



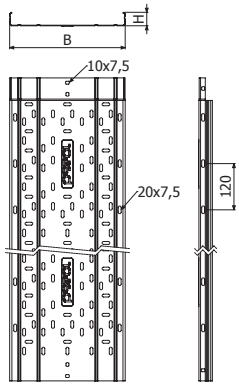
		Filling Area							
B		H35 (1 3/8")		H60 (2 3/8")		H80 (3 1/7")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4"	34	5,2	59	9,1	78	12,0	98	15,1
150	6"	51	7,9	89	13,7	118	18,2	148	22,9
200	8"	69	10,6	119	18,4	158	24,4	198	30,6
300	12"	103	15,9	178	27,5	238	36,8	298	46,1
400	16"	-	-	238	36,8	317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

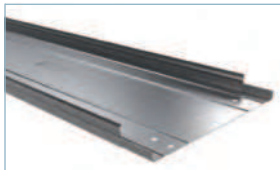
L = 3 m (10 ft)

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE 100X35	100	4”	35	1 3/8”	2/1192	0,74	2/1222	1,10		
ERE 150X35	150	6”	35	1 3/8”	2/1193	0,95	2/1223	1,42		
ERE 200X35	200	8”	35	1 3/8”	2/1194	1,12	2/1224	1,67		
ERE 300X35	300	12”	35	1 3/8”	2/1195	1,64	2/1225	2,24		

4/100 x B1 - (2/4356-EZ // 2/6826-GC // 2/4925-i304)



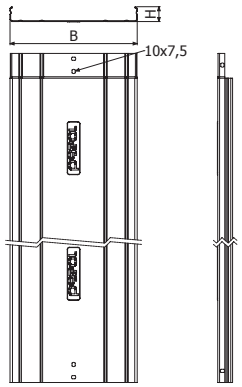
ERE-C H35



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”	2/1252	0,76	2/1282	1,14		
ERE-C 150X35	150	6”	35	1 3/8”	2/1253	0,98	2/1283	1,46		
ERE-C 200X35	200	8”	35	1 3/8”	2/1254	1,20	2/1284	1,78		
ERE-C 300X35	300	12”	35	1 3/8”	2/1255	1,77	2/1285	2,42		

4/100 x B1 - (2/4356-EZ // 2/6826-GC // 2/4925-i304)



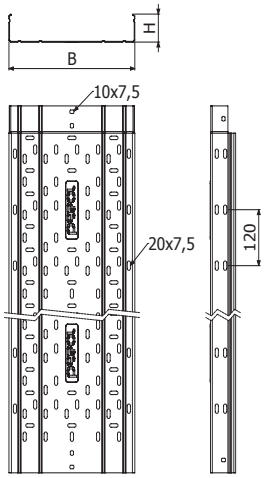
ERE H60

L = 3 m (10 ft)

	B		H		GS		GC		i304	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
ERE 100X60	100	4”	60	2 3/8”	2/1197	0,95	2/1227	1,42	2/4795	1,25
ERE 150X60	150	6”	60	2 3/8”	2/1198	1,17	2/1228	1,74	2/4319	1,53
ERE 200X60	200	8”	60	2 3/8”	2/1199	1,46	2/1229	1,99	2/4688	1,80
ERE 300X60	300	12”	60	2 3/8”	2/1201	2,03	2/1231	2,56	2/4317	2,69
ERE 400X60	400	16”	60	2 3/8”	2/1202	2,86	2/1232	3,54	2/4933	3,37
ERE 500X60	500	20”	60	2 3/8”	2/1203	3,38	2/1233	4,19	2/5030	4,05
ERE 600X60	600	24”	60	2 3/8”	2/1204	3,91	2/1234	4,83	2/4373	4,65

i316

4/100 x B1 - (2/4356-EZ // 2/6826-GC // 2/4925 - i304)

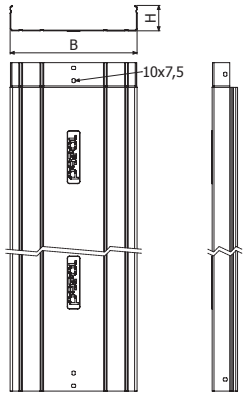


ERE-C H60

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 100X60	100	4”	60	2 3/8”	2/1257	0,98	2/1287	1,46	2/4907	0,92	i316
ERE-C 150X60	150	6”	60	2 3/8”	2/1258	1,20	2/1288	1,78	2/5028	1,13	
ERE-C 200X60	200	8”	60	2 3/8”	2/1259	1,54	2/1289	2,10	2/5029	2,11	
ERE-C 300X60	300	12”	60	2 3/8”	2/1261	2,18	2/1291	2,75	2/4306	3,37	
ERE-C 400X60	400	16”	60	2 3/8”	2/1262	3,10	2/1292	3,84	2/5196	3,65	
ERE-C 500X60	500	20”	60	2 3/8”	2/1263	3,69	2/1293	4,57	-	4,15	
ERE-C 600X60	600	24”	60	2 3/8”	2/1264	4,28	2/1294	5,30	2/5197	4,65	

4/100 x B1 - (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)

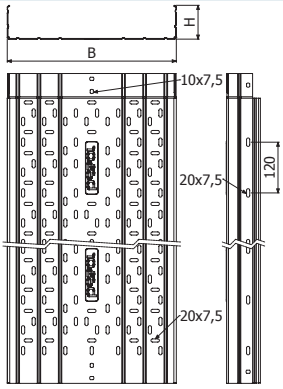


ERE H80

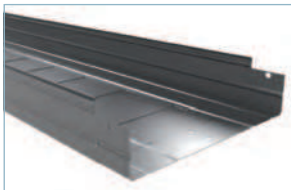
L = 3 m (10 ft)

	B		H		GS		GC			
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE 100X80	100	4”	80	3 1/7”	2/1205	1,12	2/1235	1,68	i304	i316
ERE 150X80	150	6”	80	3 1/7”	2/1206	1,34	2/1236	2,00		
ERE 200X80	200	8”	80	3 1/7”	2/1207	1,64	2/1237	2,24		
ERE 300X80	300	12”	80	3 1/7”	2/1209	2,23	2/1239	3,19		
ERE 400X80	400	16”	80	3 1/7”	2/1210	3,10	2/1240	3,83		
ERE 500X80	500	20”	80	3 1/7”	2/1211	3,86	2/1241	5,50		
ERE 600X80	600	24”	80	3 1/7”	2/1212	5,52	2/1242	6,29		

4/100 x B1 - (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)



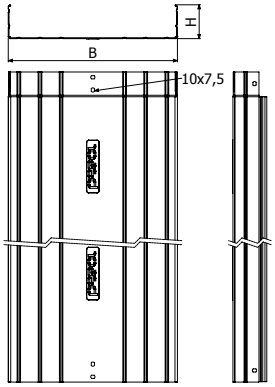
ERE-C H80



L = 3 m (10 ft)

	B		H		GS		GC			
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE-C 100X80	100	4”	80	3 1/7”	2/1265	1,15	2/1295	1,72	i304	i316
ERE-C 150X80	150	6”	80	3 1/7”	2/1266	1,37	2/1296	2,03		
ERE-C 200X80	200	8”	80	3 1/7”	2/1267	1,73	2/1297	2,36		
ERE-C 300X80	300	12”	80	3 1/7”	2/1269	2,38	2/1299	3,40		
ERE-C 400X80	400	16”	80	3 1/7”	2/1270	3,34	2/1300	4,13		
ERE-C 500X80	500	20”	80	3 1/7”	2/1271	4,19	2/1301	5,97		
ERE-C 600X80	600	24”	80	3 1/7”	2/1272	6,02	2/1302	6,86		

4/100 x B1 - (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)

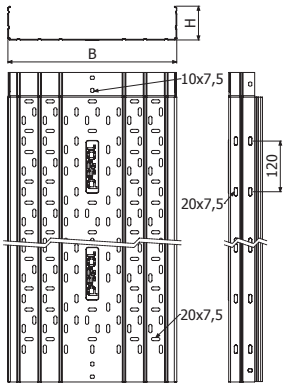


ERE H100

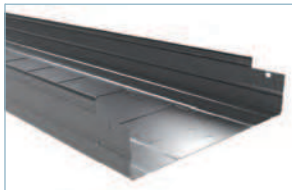
L = 3 m (10 ft)

	B		H		GS		GC			
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE 100X100	100	4”	100	4”	2/1213	1,30	2/1243	1,93	i304	i316
ERE 150X100	150	6”	100	4”	2/1214	1,51	2/1244	2,25		
ERE 200X100	200	8”	100	4”	2/1215	1,83	2/1245	2,50		
ERE 300X100	300	12”	100	4”	2/1217	2,44	2/1247	3,48		
ERE 400X100	400	16”	100	4”	2/1218	3,33	2/1248	4,13		
ERE 500X100	500	20”	100	4”	2/1219	4,11	2/1249	5,86		
ERE 600X100	600	24”	100	4”	2/1220	5,84	2/1250	6,65		

4/100 x B1 - (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)



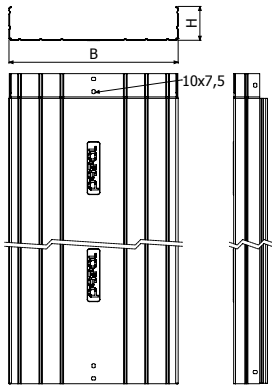
ERE-C H100



L = 3 m (10 ft)

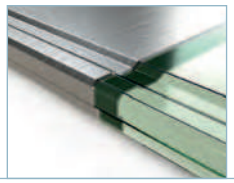
	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
ERE-C 100X100	100	4”	100	4”	2/1273	1,33	2/1303	1,97		
ERE-C 150X100	150	6”	100	4”	2/1274	1,54	2/1304	2,30		
ERE-C 200X100	200	8”	100	4”	2/1275	1,92	2/1305	2,62		
ERE-C 300X100	300	12”	100	4”	2/1277	2,59	2/1307	3,69		
ERE-C 400X100	400	16”	100	4”	2/1278	3,57	2/1308	4,42		
ERE-C 500X100	500	20”	100	4”	2/1279	4,44	2/1309	6,33		
ERE-C 600X100	600	24”	100	4”	2/1280	6,33	2/1310	7,22		

4/100 x B1 - (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)

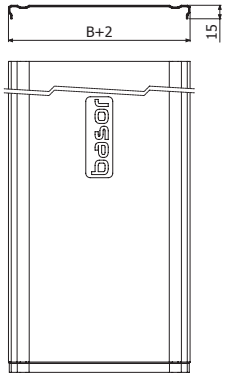


TERE

L = 3 m (10 ft)
400/500/600 - 2 m (6,56 ft)



	B		GS		GC		i304		i316
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	
TERE 100	100	4”	2/1312	0,55	2/1321	0,82	2/4560	0,55	
TERE 150	150	6”	2/1313	0,76	2/1322	1,14	2/5123	0,76	
TERE 200	200	8”	2/1314	0,98	2/1323	1,46	2/4561	0,98	
TERE 300	300	12”	2/1316	1,55	2/1325	2,11	2/4716	1,55	
TERE 400 2M	400	16”	2/1317	2,19	2/1326	2,75	2/4931	2,73	
TERE 500 2M	500	20”	2/1318	3,11	2/1327	3,85	2/4562	3,75	
TERE 600 2M	600	24”	2/1319	3,95	2/1328	4,58	2/5357	4,01	

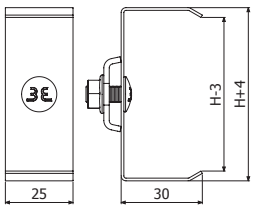


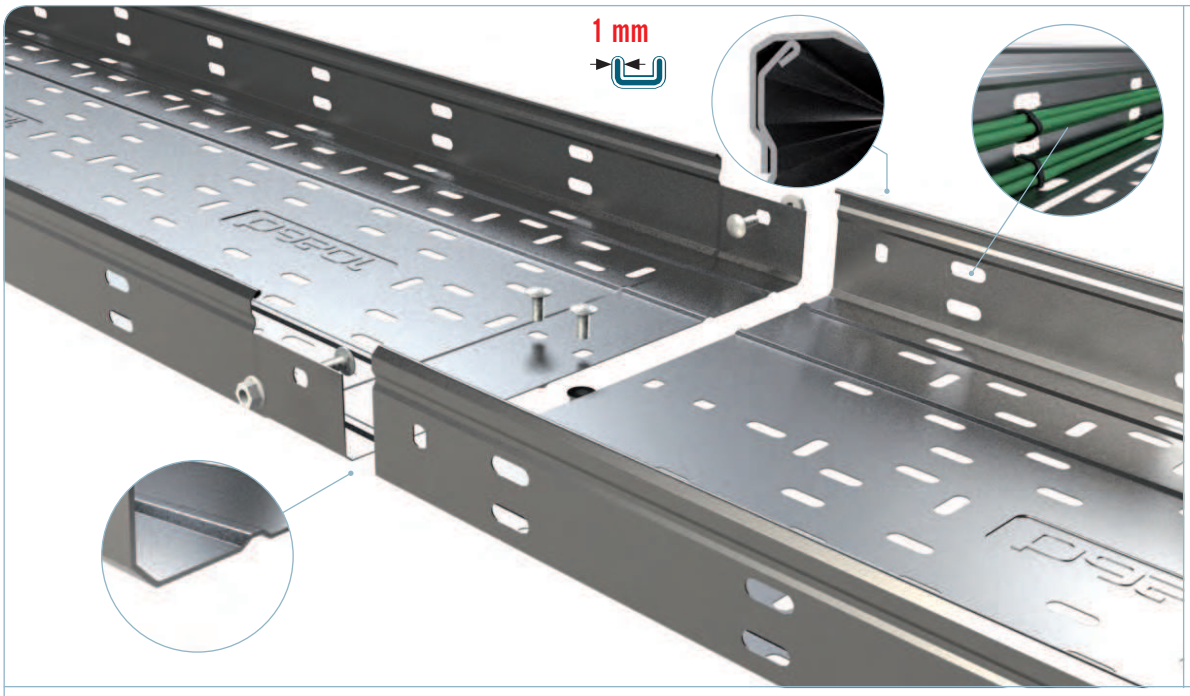
PTERE

	H		i304		i316
	mm	inch	REF.	kg/ud	
PTERE 35	35	1 3/8”	2/7059	0,05	
PTERE 60	60	2 3/8”	2/7060	0,05	
PTERE 80	80	3 1/7”	2/7061	0,06	
PTERE 100	100	4”	2/7062	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
UNE-EN 50085

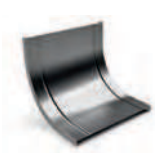
IP44 IP23
IEC 60529

IK10 IK07
IEC 50102


CPERC


TCPERC

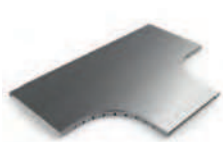

CCERC


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")		H60 (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

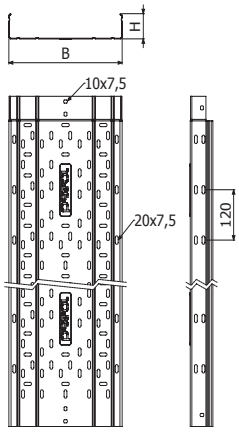
MRE H60

L = 3 m (10 ft)

1 mm

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
MRE 100X60	100	4”	60	2 3/8”	2/7273	1,79	2/7517	1,82		
MRE 150X60	150	6”	60	2 3/8”	2/7274	2,18	2/7518	2,22		
MRE 200X60	200	8”	60	2 3/8”	2/7275	2,57	2/7519	2,62		
MRE 300X60	300	12”	60	2 3/8”	2/7276	3,35	2/7520	3,42		
MRE 400X60	400	16”	60	2 3/8”	2/7277	4,14	2/7521	4,22		
MRE 500X60	500	20”	60	2 3/8”	2/7278	4,93	2/7522	5,02		
MRE 600X60	600	24”	60	2 3/8”	2/7279	5,70	2/7523	5,82		

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).



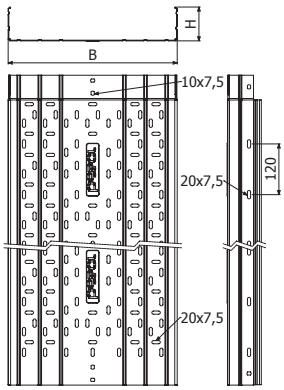
MRE H80

L = 3 m (10 ft)

1 mm

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
MRE 100X80	100	4	80	3 1/7"	2/8760	2,14	-	2,35		
MRE 150X80	150	6	80	3 1/7"	2/8761	2,54	-	2,79		
MRE 200X80	200	8	80	3 1/7"	2/8762	2,94	-	3,23		
MRE 300X80	300	12	80	3 1/7"	2/8763	3,74	2/10033	4,11		
MRE 400X80	400	16	80	3 1/7"	2/8764	4,54	2/10034	4,99		
MRE 500X80	500	20	80	3 1/7"	2/8765	5,34	2/10035	5,87		
MRE 600X80	600	24	80	3 1/7"	2/8766	6,14	2/10036	6,85		

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).



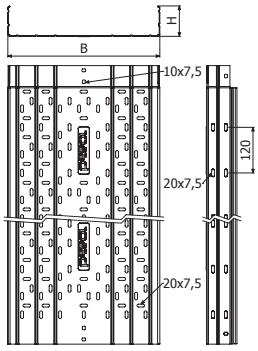
MRE H100

L = 3 m (10 ft)

1 mm

	B		H		GS		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
MRE 150X100	100	4”	100	4”	2/7409	2,80	2/7524	2,86		
MRE 200X100	150	6”	100	4”	2/7410	3,20	2/7525	3,26		
MRE 300X100	200	8”	100	4”	2/7411	3,98	2/7526	4,06		
MRE 400X100	300	12”	100	4”	2/7412	4,77	2/7527	4,86		
MRE 500X100	500	20”	100	4”	2/7413	5,55	2/7528	5,66		
MRE 600X100	600	24”	100	4”	2/7414	6,34	2/7529	6,46		

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).

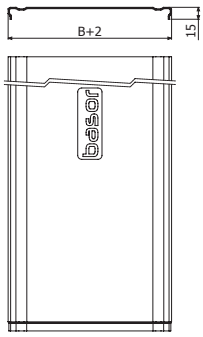


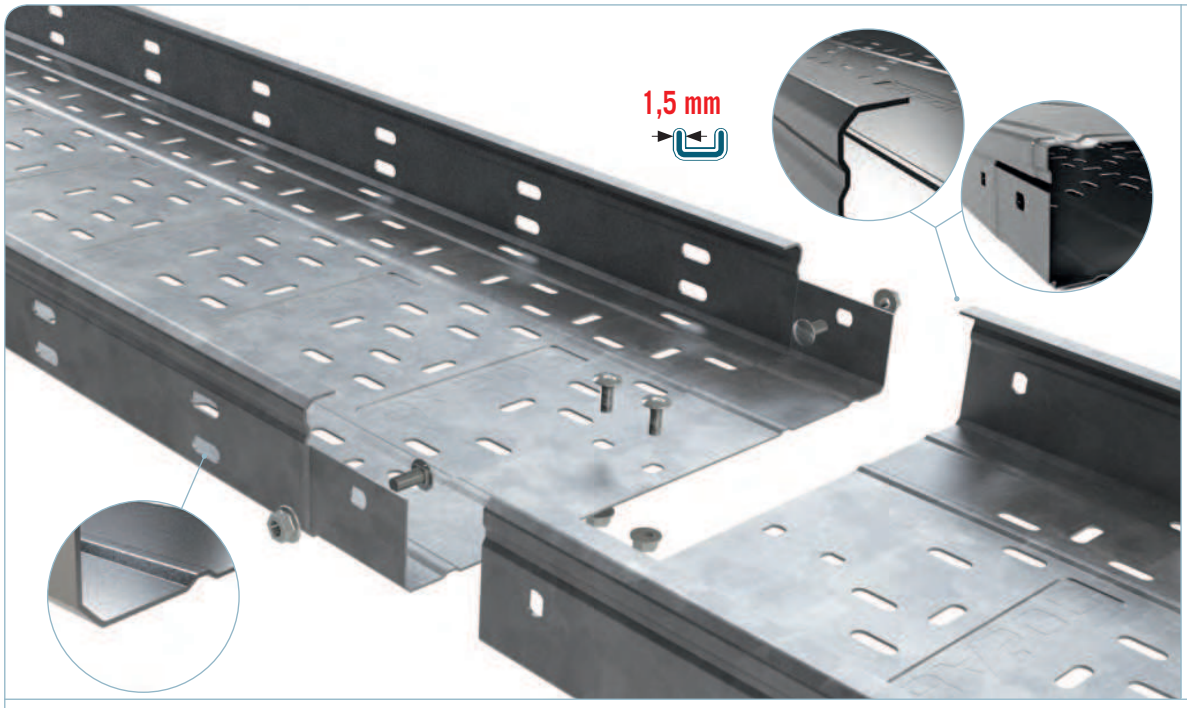
TERE

L = 3 m (10 ft)

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

	B		GS		GC		i304		i316
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	
TERE 100	100	4”	2/1312	0,55	2/1321	0,66	2/4560	0,55	
TERE 150	150	6”	2/1313	0,76	2/1322	0,92	2/5123	0,76	
TERE 200	200	8”	2/1314	0,98	2/1323	1,20	2/4561	0,98	
TERE 300	300	12”	2/1316	1,55	2/1325	1,69	2/4716	1,55	
TERE 400 2M	400	16”	2/1317	2,19	2/1326	2,75	2/4931	2,73	
TERE 500 2M	500	20”	2/1318	3,11	2/1327	3,61	2/4562	3,75	
TERE 600 2M	600	24”	2/1319	3,95	2/1328	4,58	2/5357	4,01	





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

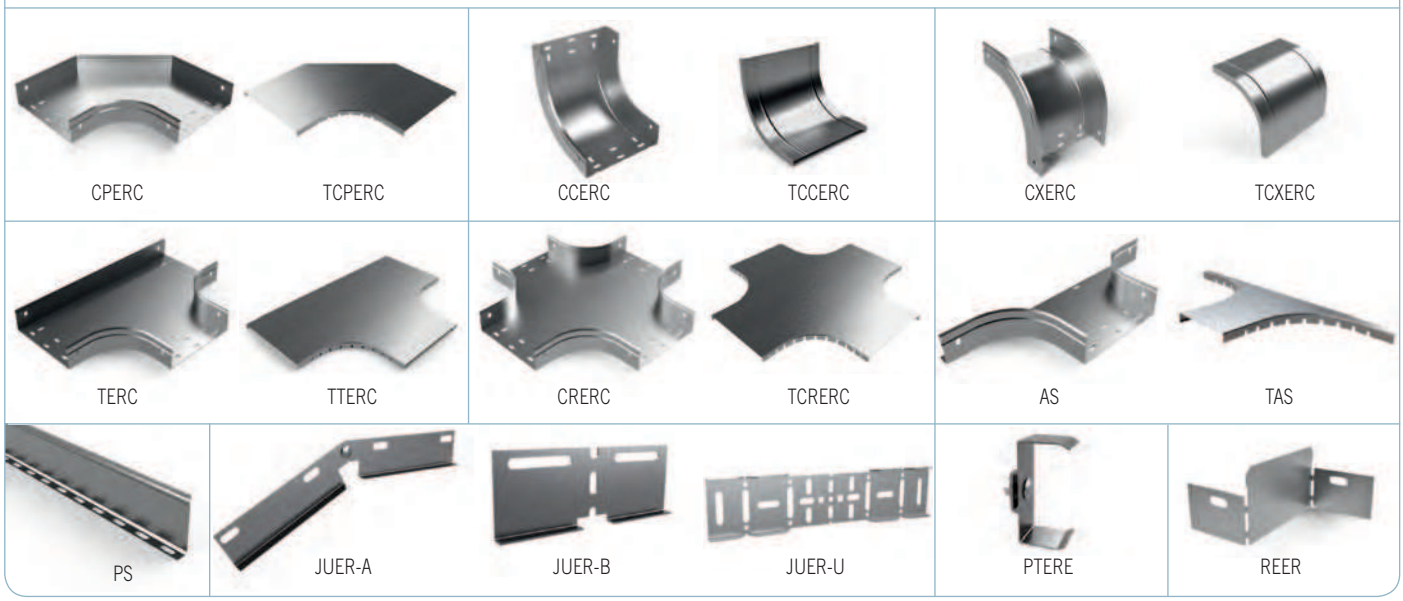
120°C
-25°C
UNE-EN 50085

3 5
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085

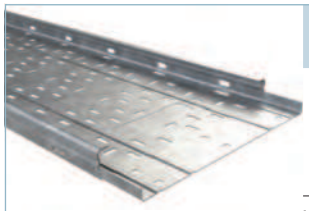
IP44 IP23
IEC 60529

IK10 IK07
IEC 50102



		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

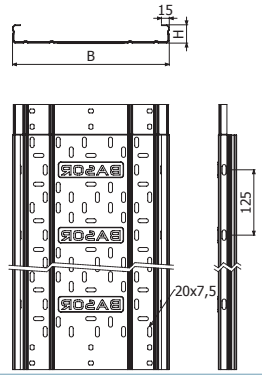


L = 3 m (10 ft)

1,5 mm

	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
FRE 100X35	100	4”	35	1 3/8”	2/0001	1,68	2/0051	1,88
FRE 150X35	150	6”	35	1 3/8”	2/0002	2,15	2/0052	2,41
FRE 200X35	200	8”	35	1 3/8”	2/0003	2,51	2/0053	2,81
FRE 300X35	300	12”	35	1 3/8”	2/0004	3,35	2/0054	3,75

4/100 x B1 (6/100xB1 →300x35) (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).



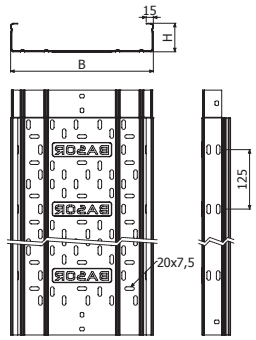
FRE H60

L = 3 m (10 ft)

1,5 mm

	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
FRE 100X60	100	4”	60	2 3/8”	2/0006	2,15	2/0056	2,41
FRE 150X60	150	6”	60	2 3/8”	2/0007	2,62	2/0057	2,94
FRE 200X60	200	8”	60	2 3/8”	2/0008	2,99	2/0058	3,34
FRE 300X60	300	12”	60	2 3/8”	2/0009	3,82	2/0059	4,28
FRE 400X60	400	16”	60	2 3/8”	2/0010	4,66	2/0060	5,22
FRE 500X60	500	20”	60	2 3/8”	2/0011	5,49	2/0061	6,15
FRE 600X60	600	24”	60	2 3/8”	2/0012	6,33	2/0062	7,09

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).



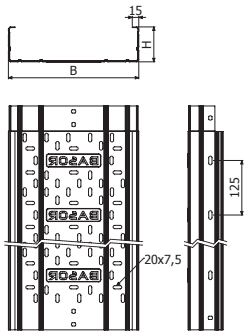
FRE H80

L = 3 m (10 ft)

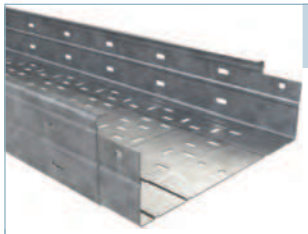
1,5 mm

	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
FRE 100X80	100	4”	80	3 1/7”	2/0013	2,53	2/0063	2,83
FRE 150X80	150	6”	80	3 1/7”	2/0014	3,00	2/0064	3,36
FRE 200X80	200	8”	80	3 1/7”	2/0015	3,36	2/0065	3,77
FRE 300X80	300	12”	80	3 1/7”	2/0016	4,20	2/0066	4,70
FRE 400X80	400	16”	80	3 1/7”	2/0017	5,04	2/0067	5,64
FRE 500X80	500	20”	80	3 1/7”	2/0018	5,87	2/0068	6,58
FRE 600X80	600	24”	80	3 1/7”	2/0019	6,71	2/0069	7,51

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).



FRE H100

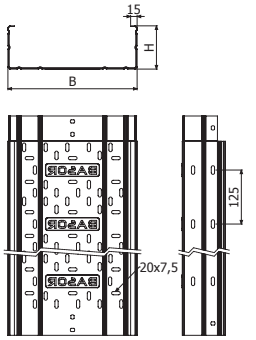


L = 3 m (10 ft)

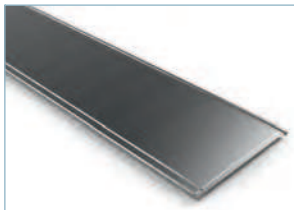
1,5 mm

	B		H		GS		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
FRE 100X100	100	4”	100	4”	-	-	2/4556	3,39
FRE 150X100	150	6”	100	4”	2/0020	3,38	2/0070	3,78
FRE 200X100	200	8”	100	4”	2/0021	3,74	2/0071	4,19
FRE 300X100	300	12”	100	4”	2/0022	4,58	2/0072	5,13
FRE 400X100	400	16”	100	4”	2/0023	5,41	2/0073	6,06
FRE 500X100	500	20”	100	4”	2/0024	6,25	2/0074	7,00
FRE 600X100	600	24”	100	4”	2/0025	7,09	2/0075	7,94

4/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304).

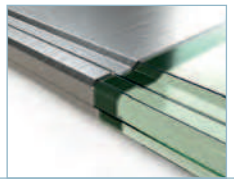


TERE

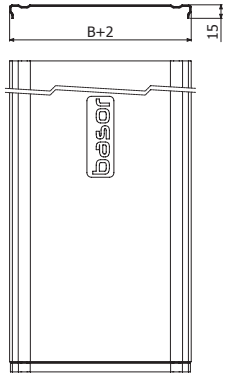


L = 3 m (10 ft)

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



	B		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
TERE 100	100	4”	2/1312	0,55	2/1321	0,82
TERE 150	150	6”	2/1313	0,76	2/1322	1,14
TERE 200	200	8”	2/1314	0,98	2/1323	1,46
TERE 300	300	12”	2/1316	1,55	2/1325	2,11
TERE 400 2M	400	16”	2/1317	2,19	2/1326	2,75
TERE 500 2M	500	20”	2/1318	3,11	2/1327	3,85
TERE 600 2M	600	24”	2/1319	3,95	2/1328	4,58



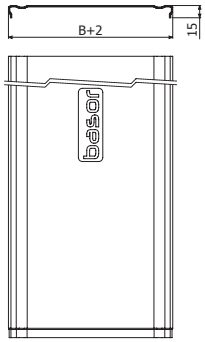
TFRE

L = 3 m (10 ft)

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

1,5 mm

	B		GS		
	mm	inch	REF.	kg/m	
TFRE 100	100	4”	2/6008	0,68	GC
TFRE 150	150	6”	2/10031	1,41	
TFRE 200	200	8”	2/6009	2,14	
TFRE 300	300	12”	2/6010	3,08	
TFRE 400 2M	400	16”	2/6199	4,02	
TFRE 500 2M	500	20”	2/10032	4,97	
TFRE 600 2M	600	24”	2/6012	5,91	

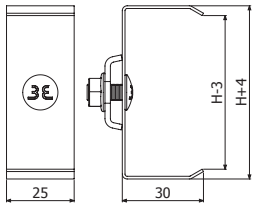


PTERE

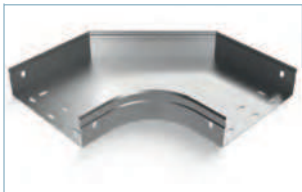
	H		i304		
	mm	inch	REF.	kg/ud	
PTERE 35	35	1 3/8”	2/7059	0,05	i316
PTERE 60	60	2 3/8”	2/7060	0,05	
PTERE 80	80	3 1/7”	2/7061	0,06	
PTERE 100	100	4”	2/7062	0,06	

IK10

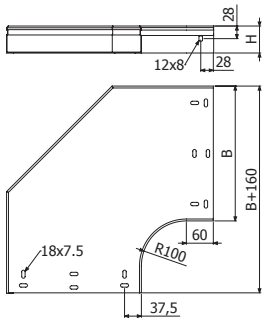
4 x PTERE => 1 x TERE



CPERC



	B		H		GS		GC		i304		
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	
CPERC 100x35	100	4”	35	1 3/8”	2/1337	0,59	2/1368	0,67	-	-	i316
CPERC 150x35	150	6”	35	1 3/8”	2/1338	0,75	2/1369	0,86	-	-	
CPERC 200x35	200	8”	35	1 3/8”	2/1339	1,00	2/1370	1,15	-	-	
CPERC 300x35	300	12”	35	1 3/8”	2/1340	1,61	2/1371	1,84	-	-	
CPERC 100x60	100	4”	60	2 3/8”	2/1344	0,70	2/1375	0,79	2/4777	0,70	
CPERC 150x60	150	6”	60	2 3/8”	2/1345	0,88	2/1376	1,00	2/5317	0,88	
CPERC 200x60	200	8”	60	2 3/8”	2/1346	1,14	2/1377	1,30	2/4778	1,14	
CPERC 300x60	300	12”	60	2 3/8”	2/1348	1,77	2/1379	2,02	2/6180	1,77	
CPERC 400x60	400	16”	60	2 3/8”	2/1349	2,53	2/1380	2,89	2/7390	2,53	
CPERC 500x60	500	20”	60	2 3/8”	2/1350	3,42	2/1381	3,90	-	-	
CPERC 600x60	600	24”	60	2 3/8”	2/1351	4,44	2/1382	5,06	2/7391	4,44	
CPERC 100x80	100	4”	80	3 1/7”	2/1352	0,96	2/1383	1,09	-	-	
CPERC 150x80	150	6”	80	3 1/7”	2/1353	1,23	2/1384	1,41	-	-	
CPERC 200x80	200	8”	80	3 1/7”	2/1354	1,54	2/1385	1,76	-	-	
CPERC 300x80	300	12”	80	3 1/7”	2/1356	2,29	2/1387	2,61	-	-	
CPERC 400x80	400	16”	80	3 1/7”	2/1357	3,18	2/1388	3,63	-	-	
CPERC 500x80	500	20”	80	3 1/7”	2/1358	4,24	2/1389	4,83	-	-	
CPERC 600x80	600	24”	80	3 1/7”	2/1359	5,45	2/1390	6,21	-	-	
CPERC 100x100	100	4”	100	4”	2/1360	1,05	2/1391	1,20	-	-	
CPERC 150x100	150	6”	100	4”	2/1361	1,33	2/1392	1,52	-	-	
CPERC 200x100	200	8”	100	4”	2/1362	1,65	2/1393	1,88	-	-	
CPERC 300x100	300	12”	100	4”	2/1364	2,42	2/1395	2,76	-	-	
CPERC 400x100	400	16”	100	4”	2/1365	3,34	2/1396	3,80	-	-	
CPERC 500x100	500	20”	100	4”	2/1366	4,41	2/1397	5,03	-	-	
CPERC 600x100	600	24”	100	4”	2/1367	5,64	2/1398	6,44	-	-	



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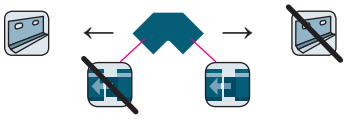
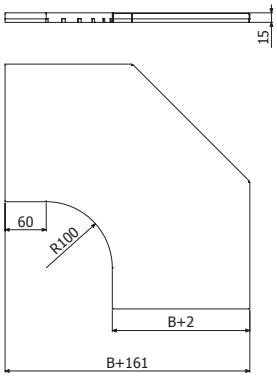


TCPERC

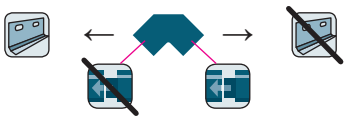
	B		GS		GC		i304		
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	
TCPERC 100	100	4”	2/1430	0,27	2/1437	0,31	2/3560	0,27	i316
TCPERC 150	150	6”	2/1431	0,41	2/1438	0,48	2/3561	0,41	
TCPERC 200	200	8”	2/1432	0,57	2/1439	0,67	2/3562	0,57	
TCPERC 300	300	12”	2/1433	0,97	2/1440	1,13	2/3563	0,97	
TCPERC 400	400	16”	2/1434	1,46	2/1441	1,71	2/4752	1,46	
TCPERC 500	500	20”	2/1435	2,04	2/1442	2,39	2/3564	2,09	
TCPERC 600	600	24”	2/1436	2,71	2/1443	3,17	2/4753	2,71	

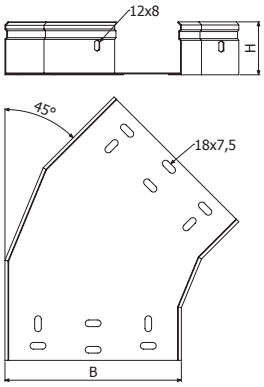


CPERC45

	B		H		GS		GC		
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	
CPERC45 100X60	100	4"	60	2 3/8"	2/14503	0,34	2/14517	0,39	i304/i316
CPERC45 150X60	150	6"	60	2 3/8"	2/14504	0,46	2/14518	0,53	
CPERC45 200X60	200	8"	60	2 3/8"	2/14505	0,57	2/14519	0,66	
CPERC45 300X60	300	12"	60	2 3/8"	2/14506	0,86	2/14520	1,00	
CPERC45 400X60	400	16"	60	2 3/8"	2/14507	1,19	2/14521	1,38	
CPERC45 500X60	500	20"	60	2 3/8"	2/14508	1,65	2/14522	1,91	
CPERC45 600X60	600	24"	60	2 3/8"	2/14509	1,99	2/14523	2,31	
CPERC45 100X80	100	4"	80	3 1/7"	2/7103	0,34	2/8390	0,39	
CPERC45 150X80	150	6"	80	3 1/7"	2/7104	0,46	2/8391	0,53	
CPERC45 200X80	200	8"	80	3 1/7"	2/7105	0,56	2/8392	0,65	
CPERC45 300X80	300	12"	80	3 1/7"	2/7106	0,82	2/8393	0,95	
CPERC45 400X80	400	16"	80	3 1/7"	2/8384	1,30	2/8394	1,51	
CPERC45 500X80	500	20"	80	3 1/7"	2/8385	1,80	2/8395	2,09	
CPERC45 600X80	600	24"	80	3 1/7"	2/8386	2,12	2/8396	2,46	
CPERC45 100X100	100	4"	100	4"	2/14510	0,45	2/14524	0,52	
CPERC45 150X100	150	6"	100	4"	2/14511	0,58	2/14525	0,67	
CPERC45 200X100	200	8"	100	4"	2/14512	0,71	2/14526	0,82	
CPERC45 300X100	300	12"	100	4"	2/14513	1,01	2/14527	1,17	
CPERC45 400X100	400	16"	100	4"	2/14514	1,37	2/14528	1,59	
CPERC45 500X100	500	20"	100	4"	2/14515	1,87	2/14529	2,17	
CPERC45 600X100	600	24"	100	4"	2/14516	2,25	2/14530	2,61	

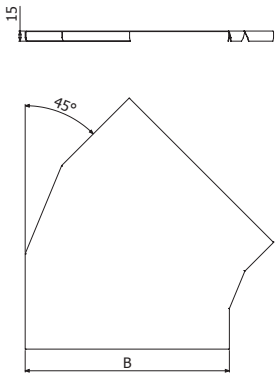
2 x JUER





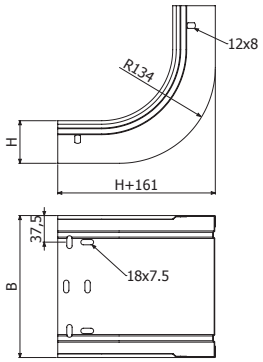
TCPERC45

	B		GS		GC		
	mm	inch	REF.	kg/ud	REF.	kg/ud	
TCPERC45 100	100	4"	2/7107	0,14	2/8397	0,16	i304/i316
TCPERC45 150	150	6"	2/7108	0,21	2/8398	0,24	
TCPERC45 200	200	8"	2/7109	0,29	2/8399	0,34	
TCPERC45 300	300	12"	2/7110	0,49	2/8400	0,57	
TCPERC45 400	400	16"	2/8387	0,73	2/8401	0,86	
TCPERC45 500	500	20"	2/8388	1,02	2/8402	1,20	
TCPERC45 600	600	24"	2/8389	1,36	2/8403	1,59	



CCERC

	B		H		GS		GC		i304		
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	
CCERC 100x35	100	4”	35	1 3/8”	2/1451	0,34	2/1482	0,39	-	-	i316
CCERC 150x35	150	6”	35	1 3/8”	2/1452	0,45	2/1483	0,51	-	-	
CCERC 200x35	200	8”	35	1 3/8”	2/1453	0,55	2/1484	0,63	-	-	
CCERC 300x35	300	12”	35	1 3/8”	2/1454	0,76	2/1485	0,87	-	-	
CCERC 100x60	100	4”	60	2 3/8”	2/1458	0,50	2/1489	0,57	2/4908	0,50	
CCERC 150x60	150	6”	60	2 3/8”	2/1459	0,62	2/1490	0,71	2/5157	0,63	
CCERC 200x60	200	8”	60	2 3/8”	2/1460	0,74	2/1491	0,84	2/5024	0,75	
CCERC 300x60	300	12”	60	2 3/8”	2/1462	0,98	2/1493	1,12	2/6503	0,99	
CCERC 400x60	400	16”	60	2 3/8”	2/1463	1,22	2/1494	1,39	2/7392	1,22	
CCERC 500x60	500	20”	60	2 3/8”	2/1464	1,46	2/1495	1,67	-	-	
CCERC 600x60	600	24”	60	2 3/8”	2/1465	1,71	2/1496	1,94	2/7393	1,71	
CCERC 100x80	100	4”	80	3 1/7”	2/1466	0,66	2/1497	0,75	-	-	
CCERC 150x80	150	6”	80	3 1/7”	2/1467	0,79	2/1498	0,90	-	-	
CCERC 200x80	200	8”	80	3 1/7”	2/1468	0,92	2/1499	1,05	-	-	
CCERC 300x80	300	12”	80	3 1/7”	2/1470	1,19	2/1501	1,36	-	-	
CCERC 400x80	400	16”	80	3 1/7”	2/1471	1,46	2/1502	1,66	-	-	
CCERC 500x80	500	20”	80	3 1/7”	2/1472	1,72	2/1503	1,96	-	-	
CCERC 600x80	600	24”	80	3 1/7”	2/1473	1,99	2/1504	2,27	-	-	
CCERC 100x100	100	4”	100	4”	2/1474	0,78	2/1505	0,89	-	-	
CCERC 150x100	150	6”	100	4”	2/1475	0,93	2/1506	1,06	-	-	
CCERC 200x100	200	8”	100	4”	2/1476	1,07	2/1507	1,22	-	-	
CCERC 300x100	300	12”	100	4”	2/1478	1,36	2/1509	1,55	-	-	
CCERC 400x100	400	16”	100	4”	2/1479	1,65	2/1510	1,89	-	-	
CCERC 500x100	500	20”	100	4”	2/1480	1,95	2/1511	2,22	-	-	
CCERC 600x100	600	24”	100	4”	2/1481	2,24	2/1512	2,55	-	-	



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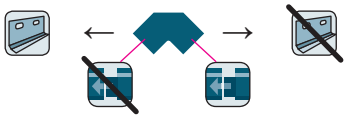
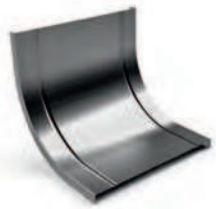
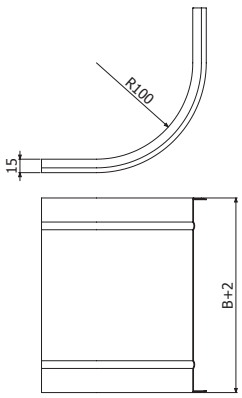


TCCERC

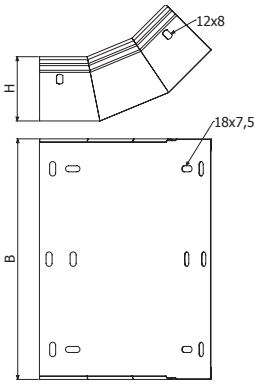


	B		GS		GC		i304		
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	
TCCERC 100	100	4”	2/1544	0,23	2/1551	0,27	2/3263	0,23	i316
TCCERC 150	150	6”	2/1545	0,32	2/1552	0,37	2/3264	0,28	
TCCERC 200	200	8”	2/1546	0,41	2/1553	0,47	2/3265	0,41	
TCCERC 300	300	12”	2/1547	0,58	2/1554	0,67	2/3266	0,58	
TCCERC 400	400	16”	2/1548	0,75	2/1555	0,88	2/3271	0,75	
TCCERC 500	500	20”	2/1549	0,93	2/1556	1,08	-	0,93	
TCCERC 600	600	24”	2/1550	1,10	2/1557	1,28	2/4724	1,10	



CCERC45

	B		H		GS		GC		
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	
CCERC45 100X60	100	4"	60	2 3/8"	2/14531	0,42	2/14545	0,49	i304/i316
CCERC45 150X60	150	6"	60	2 3/8"	2/14532	0,50	2/14546	0,58	
CCERC45 200X60	200	8"	60	2 3/8"	2/14533	0,57	2/14547	0,66	
CCERC45 300X60	300	12"	60	2 3/8"	2/14534	0,73	2/14548	0,85	
CCERC45 400X60	400	16"	60	2 3/8"	2/14535	0,89	2/14549	1,03	
CCERC45 500X60	500	20"	60	2 3/8"	2/14536	1,04	2/14550	1,21	
CCERC45 600X60	600	24"	60	2 3/8"	2/14537	1,20	2/14551	1,39	
CCERC45 100X80	100	4"	80	3 1/7"	2/7111	0,48	2/8410	0,56	
CCERC45 150X80	150	6"	80	3 1/7"	2/7112	0,56	2/8411	0,65	
CCERC45 200X80	200	8"	80	3 1/7"	2/7113	0,64	2/8412	0,74	
CCERC45 300X80	300	12"	80	3 1/7"	2/7114	0,79	2/8413	0,92	
CCERC45 400X80	400	16"	80	3 1/7"	2/8404	0,95	2/8414	1,10	
CCERC45 500X80	500	20"	80	3 1/7"	2/8405	1,11	2/8415	1,29	
CCERC45 600X80	600	24"	80	3 1/7"	2/8406	1,26	2/8416	1,46	
CCERC45 100X100	100	4"	100	4"	2/14538	0,54	2/14552	0,63	
CCERC45 150X100	150	6"	100	4"	2/14539	0,62	2/14553	0,72	
CCERC45 200X100	200	8"	100	4"	2/14540	0,70	2/14554	0,81	
CCERC45 300X100	300	12"	100	4"	2/14541	0,86	2/14555	1,00	
CCERC45 400X100	400	16"	100	4"	2/14542	1,01	2/14556	1,17	
CCERC45 500X100	500	20"	100	4"	2/14543	1,17	2/14557	1,36	
CCERC45 600X100	600	24"	100	4"	2/14544	1,33	2/14558	1,54	



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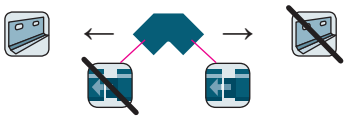
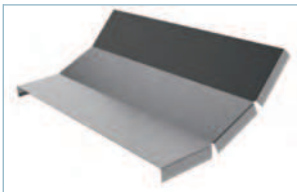
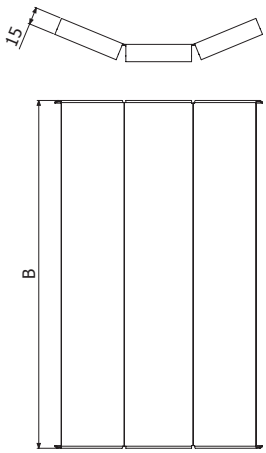


TCCERC45

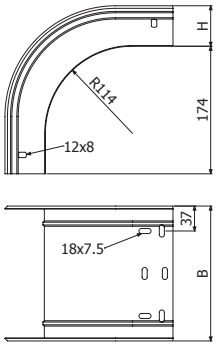


	B		GS		GC		
	mm	inch	REF.	kg/ud	REF.	kg/ud	
TCCERC45 100	100	4"	2/7115	0,12	2/8417	0,14	i304/i316
TCCERC45 150	150	6"	2/7116	0,16	2/8418	0,19	
TCCERC45 200	200	8"	2/7117	0,21	2/8419	0,24	
TCCERC45 300	300	12"	2/7118	0,29	2/8420	0,34	
TCCERC45 400	400	16"	2/8407	0,38	2/8421	0,44	
TCCERC45 500	500	20"	2/8408	0,47	2/8422	0,54	
TCCERC45 600	600	24"	2/8409	0,55	2/8423	0,64	



CXERC

	B		H		GS		GC		i304		
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	
CXERC 100x35	100	4”	35	1 3/8”	2/1565	0,32	2/1596	0,37	-	-	i316
CXERC 150x35	150	6”	35	1 3/8”	2/1566	0,42	2/1597	0,48	-	-	
CXERC 200x35	200	8”	35	1 3/8”	2/1567	0,51	2/1598	0,58	-	-	
CXERC 300x35	300	12”	35	1 3/8”	2/1568	0,70	2/1599	0,80	-	-	
CXERC 100x60	100	4”	60	2 3/8”	2/1572	0,45	2/1603	0,51	2/4909	0,45	
CXERC 150x60	150	6”	60	2 3/8”	2/1573	0,54	2/1604	0,62	2/5158	0,54	
CXERC 200x60	200	8”	60	2 3/8”	2/1574	0,64	2/1605	0,72	2/5025	0,64	
CXERC 300x60	300	12”	60	2 3/8”	2/1576	0,82	2/1607	0,94	2/6817	0,82	
CXERC 400x60	400	16”	60	2 3/8”	2/1577	1,01	2/1608	1,15	2/7514	1,01	
CXERC 500x60	500	20”	60	2 3/8”	2/1578	1,20	2/1609	1,37	-	1,20	
CXERC 600x60	600	24”	60	2 3/8”	2/1579	1,39	2/1610	1,58	2/7515	1,39	
CXERC 100x80	100	4”	80	3 1/7”	2/1580	0,58	2/1611	0,66	-	-	
CXERC 150x80	150	6”	80	3 1/7”	2/1581	0,67	2/1612	0,77	-	-	
CXERC 200x80	200	8”	80	3 1/7”	2/1582	0,77	2/1613	0,88	-	-	
CXERC 300x80	300	12”	80	3 1/7”	2/1584	0,96	2/1615	1,09	-	-	
CXERC 400x80	400	16”	80	3 1/7”	2/1585	1,14	2/1616	1,31	-	-	
CXERC 500x80	500	20”	80	3 1/7”	2/1586	1,33	2/1617	1,52	-	-	
CXERC 600x80	600	24”	80	3 1/7”	2/1587	1,52	2/1618	1,73	-	-	
CXERC 100x100	100	4”	100	4”	2/1588	0,67	2/1619	0,77	-	-	
CXERC 150x100	150	6”	100	4”	2/1589	0,77	2/1620	0,88	-	-	
CXERC 200x100	200	8”	100	4”	2/1590	0,86	2/1621	0,98	-	-	
CXERC 300x100	300	12”	100	4”	2/1592	1,05	2/1623	1,20	-	-	
CXERC 400x100	400	16”	100	4”	2/1593	1,24	2/1624	1,41	-	-	
CXERC 500x100	500	20”	100	4”	2/1594	1,43	2/1625	1,63	-	-	
CXERC 600x100	600	24”	100	4”	2/1595	1,62	2/1626	1,93	-	-	



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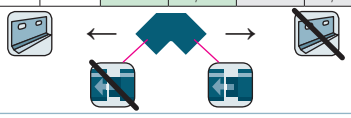
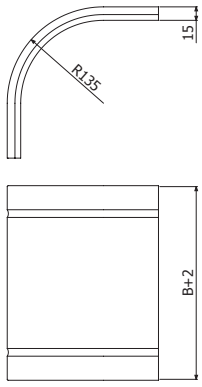


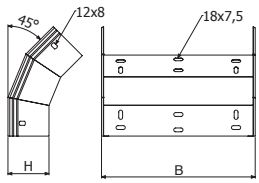
TCXERC

	B		GS		GC		i304		
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	
TCXERC 100x35	100	4”	2/1658	0,29	2/1689	0,34	-	-	i316
TCXERC 150x35	150	6”	2/1659	0,40	2/1690	0,47	-	-	
TCXERC 200x35	200	8”	2/1660	0,52	2/1691	0,60	-	-	
TCXERC 300x35	300	12”	2/1661	0,74	2/1692	0,86	-	-	
TCXERC 100x60	100	4”	2/1665	0,34	2/1696	0,39	2/3565	0,34	
TCXERC 150x60	150	6”	2/1666	0,46	2/1697	0,54	2/3249	0,46	
TCXERC 200x60	200	8”	2/1667	0,59	2/1698	0,68	2/3253	0,59	
TCXERC 300x60	300	12”	2/1669	0,84	2/1700	0,98	2/3250	0,84	
TCXERC 400x60	400	16”	2/1670	1,10	2/1701	1,28	2/3251	1,10	
TCXERC 500x60	500	20”	2/1671	1,36	2/1702	1,57	-	1,36	
TCXERC 600x60	600	24”	2/1672	1,61	2/1703	1,87	2/3252	1,61	
TCXERC 100x80	100	4”	2/1673	0,37	2/1704	0,43	-	-	
TCXERC 150x80	150	6”	2/1674	0,51	2/1705	0,59	-	-	
TCXERC 200x80	200	8”	2/1675	0,65	2/1706	0,75	-	-	
TCXERC 300x80	300	12”	2/1677	0,93	2/1708	1,08	-	-	
TCXERC 400x80	400	16”	2/1678	1,21	2/1709	1,40	-	-	
TCXERC 500x80	500	20”	2/1679	1,49	2/1710	1,73	-	-	
TCXERC 600x80	600	24”	2/1680	1,77	2/1711	2,05	-	-	
TCXERC 100x100	100	4”	2/1681	0,40	2/1712	0,47	-	-	
TCXERC 150x100	150	6”	2/1682	0,55	2/1713	0,64	-	-	
TCXERC 200x100	200	8”	2/1683	0,71	2/1714	0,82	-	-	
TCXERC 300x100	300	12”	2/1685	1,01	2/1716	1,18	-	-	
TCXERC 400x100	400	16”	2/1686	1,32	2/1717	1,53	-	-	
TCXERC 500x100	500	20”	2/1687	1,62	2/1718	1,88	-	-	
TCXERC 600x100	600	24”	2/1688	1,93	2/1719	2,24	-	-	



CXERC45

	B		H		GS		GC		
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	
CXERC45 100X60	100	4"	60	2 3/8"	2/14559	0,38	2/14573	0,44	i304/i316
CXERC45 150X60	150	6"	60	2 3/8"	2/14560	0,44	2/14574	0,51	
CXERC45 200X60	200	8"	60	2 3/8"	2/14561	0,49	2/14575	0,57	
CXERC45 300X60	300	12"	60	2 3/8"	2/14562	0,61	2/14576	0,71	
CXERC45 400X60	400	16"	60	2 3/8"	2/14563	0,72	2/14577	0,84	
CXERC45 500X60	500	20"	60	2 3/8"	2/14564	0,84	2/14578	0,97	
CXERC45 600X60	600	24"	60	2 3/8"	2/14565	0,95	2/14579	1,11	
CXERC45 100X80	100	4"	80	3 1/7"	2/7119	0,44	2/8430	0,51	
CXERC45 150X80	150	6"	80	3 1/7"	2/7120	0,50	2/8431	0,58	
CXERC45 200X80	200	8"	80	3 1/7"	2/7121	0,55	2/8432	0,64	
CXERC45 300X80	300	12"	80	3 1/7"	2/7122	0,67	2/8433	0,78	
CXERC45 400X80	400	16"	80	3 1/7"	2/8424	0,78	2/8434	0,91	
CXERC45 500X80	500	20"	80	3 1/7"	2/8425	0,90	2/8435	1,04	
CXERC45 600X80	600	24"	80	3 1/7"	2/8426	1,01	2/8436	1,18	
CXERC45 100X100	100	4"	100	4"	2/14566	0,50	2/14580	0,58	
CXERC45 150X100	150	6"	100	4"	2/14567	0,56	2/14581	0,65	
CXERC45 200X100	200	8"	100	4"	2/14568	0,62	2/14582	0,71	
CXERC45 300X100	300	12"	100	4"	2/14569	0,73	2/14583	0,85	
CXERC45 400X100	400	16"	100	4"	2/14570	0,85	2/14584	0,98	
CXERC45 500X100	500	20"	100	4"	2/14571	0,96	2/14585	1,12	
CXERC45 600X100	600	24"	100	4"	2/14572	1,08	2/14586	1,25	



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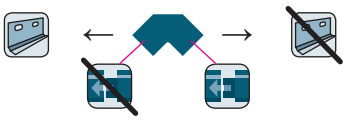
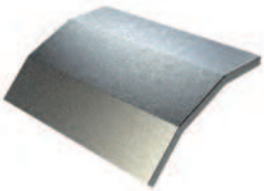
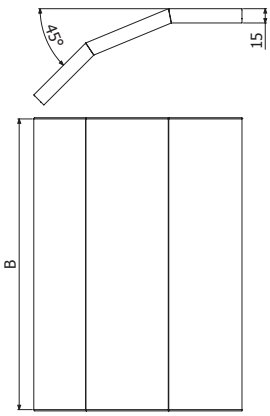


TCXERC45

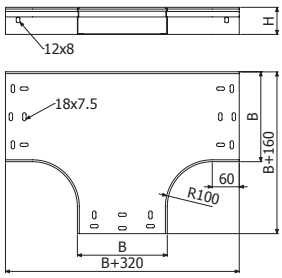


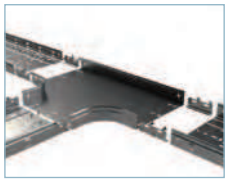
	B		GS		GC		
	mm	inch	REF.	kg/ud	REF.	kg/ud	
TCXERC45 100X60	100	4"	2/14587	0,17	2/14601	0,20	i304/i316
TCXERC45 150X60	150	6"	2/14588	0,23	2/14602	0,27	
TCXERC45 200X60	200	8"	2/14589	0,30	2/14603	0,34	
TCXERC45 300X60	300	12"	2/14590	0,42	2/14604	0,49	
TCXERC45 400X60	400	16"	2/14591	0,55	2/14605	0,64	
TCXERC45 500X60	500	20"	2/14592	0,68	2/14606	0,79	
TCXERC45 600X60	600	24"	2/14593	0,81	2/14607	0,94	
TCXERC45 100X80	100	4"	2/7123	0,19	2/8437	0,22	
TCXERC45 150X80	150	6"	2/7124	0,26	2/8438	0,30	
TCXERC45 200X80	200	8"	2/7125	0,33	2/8439	0,38	
TCXERC45 300X80	300	12"	2/7126	0,47	2/8440	0,54	
TCXERC45 400X80	400	16"	2/8427	0,61	2/8441	0,70	
TCXERC45 500X80	500	20"	2/8428	0,75	2/8442	0,87	
TCXERC45 600X80	600	24"	2/8429	0,89	2/8443	1,03	
TCXERC45 100X100	100	4"	2/14594	0,20	2/14608	0,24	
TCXERC45 150X100	150	6"	2/14595	0,28	2/14609	0,32	
TCXERC45 200X100	200	8"	2/14596	0,36	2/14610	0,41	
TCXERC45 300X100	300	12"	2/14597	0,51	2/14611	0,59	
TCXERC45 400X100	400	16"	2/14598	0,66	2/14612	0,77	
TCXERC45 500X100	500	20"	2/14599	0,81	2/14613	0,94	
TCXERC45 600X100	600	24"	2/14600	0,97	2/14614	1,12	



TERC

	B		H		GS		GC		
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	
TERC 100x35	100	4”	35	1 3/8”	2/1751	0,81	2/1782	0,93	i304/i316
TERC 150x35	150	6”	35	1 3/8”	2/1752	1,11	2/1783	1,27	
TERC 200x35	200	8”	35	1 3/8”	2/1753	1,58	2/1784	1,80	
TERC 300x35	300	12”	35	1 3/8”	2/1754	2,26	2/1785	2,57	
TERC 100x60	100	4”	60	2 3/8”	2/1758	0,96	2/1789	1,09	
TERC 150x60	150	6”	60	2 3/8”	2/1759	1,27	2/1790	1,45	
TERC 200x60	200	8”	60	2 3/8”	2/1760	1,74	2/1791	1,98	
TERC 300x60	300	12”	60	2 3/8”	2/1762	2,44	2/1793	2,78	
TERC 400x60	400	16”	60	2 3/8”	2/1763	3,41	2/1794	3,89	
TERC 500x60	500	20”	60	2 3/8”	2/1764	4,54	2/1795	5,18	
TERC 600x60	600	24”	60	2 3/8”	2/1765	5,83	2/1796	6,64	
TERC 100x80	100	4”	80	3 1/7”	2/1766	1,07	2/1797	1,22	
TERC 150x80	150	6”	80	3 1/7”	2/1767	1,38	2/1798	1,58	
TERC 200x80	200	8”	80	3 1/7”	2/1768	1,86	2/1799	2,12	
TERC 300x80	300	12”	80	3 1/7”	2/1770	2,57	2/1801	2,93	
TERC 400x80	400	16”	80	3 1/7”	2/1771	3,55	2/1802	4,05	
TERC 500x80	500	20”	80	3 1/7”	2/1772	4,70	2/1803	5,35	
TERC 600x80	600	24”	80	3 1/7”	2/1773	5,99	2/1804	6,83	
TERC 100x100	100	4”	100	4”	2/1774	1,19	2/1805	1,36	
TERC 150x100	150	6”	100	4”	2/1775	1,51	2/1806	1,72	
TERC 200x100	200	8”	100	4”	2/1776	2,00	2/1807	2,28	
TERC 300x100	300	12”	100	4”	2/1778	2,71	2/1809	3,09	
TERC 400x100	400	16”	100	4”	2/1779	3,71	2/1810	4,23	
TERC 500x100	500	20”	100	4”	2/1780	4,87	2/1811	5,55	
TERC 600x100	600	24”	100	4”	2/1781	6,18	2/1812	7,04	





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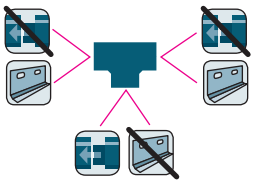
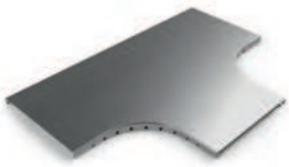
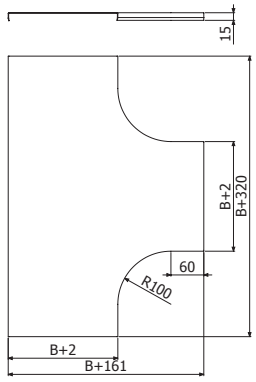


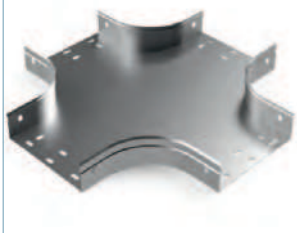
TTERC



	B		GS		GC		
	mm	inch	REF.	kg/ud	REF.	kg/ud	
TTERC 100	100	4”	2/1844	0,45	2/1852	0,53	i304/i316
TTERC 150	150	6”	2/1845	0,66	2/1853	0,77	
TTERC 200	200	8”	2/1846	0,89	2/1854	1,04	
TTERC 300	300	12”	2/1848	1,44	2/1855	1,68	
TTERC 400	400	16”	2/1849	2,09	2/1856	2,45	
TTERC 500	500	20”	2/1850	2,86	2/1857	3,35	
TTERC 600	600	24”	2/1851	3,74	2/1858	4,37	

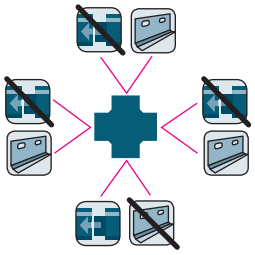


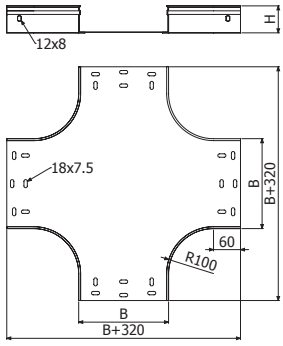
CRERC



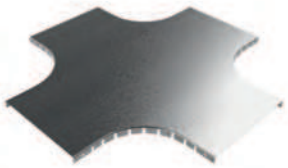
	B		H		GS		GC		
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	
CRERC 100x35	100	4”	35	1 3/8”	2/1866	1,02	2/1897	1,16	i304/i316
CRERC 150x35	150	6”	35	1 3/8”	2/1867	1,37	2/1898	1,56	
CRERC 200x35	200	8”	35	1 3/8”	2/1868	1,76	2/1899	2,00	
CRERC 300x35	300	12”	35	1 3/8”	2/1869	2,65	2/1900	3,02	
CRERC 100x60	100	4”	60	2 3/8”	2/1873	1,19	2/1904	1,35	
CRERC 150x60	150	6”	60	2 3/8”	2/1874	1,54	2/1905	1,75	
CRERC 200x60	200	8”	60	2 3/8”	2/1875	1,92	2/1906	2,19	
CRERC 300x60	300	12”	60	2 3/8”	2/1877	2,82	2/1908	3,21	
CRERC 400x60	400	16”	60	2 3/8”	2/1878	3,87	2/1909	4,41	
CRERC 500x60	500	20”	60	2 3/8”	2/1879	5,08	2/1910	5,79	
CRERC 600x60	600	24”	60	2 3/8”	2/1872	6,28	2/1911	7,35	
CRERC 100x80	100	4”	80	3 1/7”	2/1881	1,31	2/1912	1,50	
CRERC 150x80	150	6”	80	3 1/7”	2/1882	1,66	2/1913	1,89	
CRERC 200x80	200	8”	80	3 1/7”	2/1883	2,05	2/1914	2,34	
CRERC 300x80	300	12”	80	3 1/7”	2/1885	2,94	2/1916	3,36	
CRERC 400x80	400	16”	80	3 1/7”	2/1886	4,00	2/1917	4,56	
CRERC 500x80	500	20”	80	3 1/7”	2/1887	5,21	2/1918	5,93	
CRERC 600x80	600	24”	80	3 1/7”	2/1880	6,45	2/1919	7,49	
CRERC 100x100	100	4”	100	4”	2/1889	1,45	2/1920	1,65	
CRERC 150x100	150	6”	100	4”	2/1890	1,80	2/1921	2,05	
CRERC 200x100	200	8”	100	4”	2/1891	2,19	2/1922	2,49	
CRERC 300x100	300	12”	100	4”	2/1893	3,08	2/1924	3,51	
CRERC 400x100	400	16”	100	4”	2/1894	4,14	2/1925	4,71	
CRERC 500x100	500	20”	100	4”	2/1895	5,34	2/1926	6,09	
CRERC 600x100	600	24”	100	4”	2/1896	6,71	2/1927	7,65	

2 x JUER

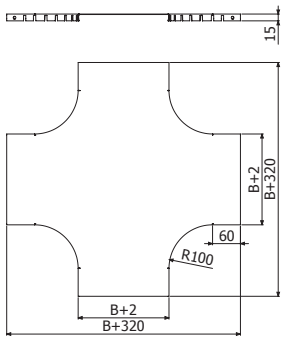




TCRERC

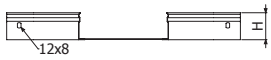


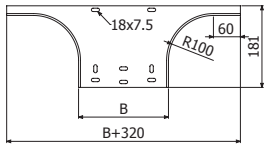
	B		GS		GC		
	mm	inch	REF.	kg/ud	REF.	kg/ud	
TCRERC 100	100	4”	2/1959	0,60	2/1967	0,70	i304/i316
TCRERC 150	150	6”	2/1960	0,84	2/1968	0,99	
TCRERC 200	200	8”	2/1961	1,11	2/1969	1,30	
TCRERC 300	300	12”	2/1963	1,74	2/1971	2,04	
TCRERC 400	400	16”	2/1964	2,48	2/1972	2,90	
TCRERC 500	500	20”	2/1965	3,32	2/1973	3,89	
TCRERC 600	600	24”	2/1966	4,28	2/1974	5,01	

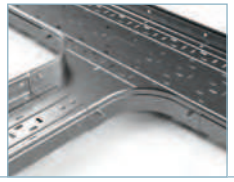


AS

	B		H		GS		GC		
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	
AS 100x35	100	4”	35	1 3/8”	2/1983	0,40	2/2015	0,46	i304/i316
AS 150x35	150	6”	35	1 3/8”	2/1984	0,47	2/2016	0,54	
AS 200x35	200	8”	35	1 3/8”	2/1985	0,54	2/2017	0,62	
AS 300x35	300	12”	35	1 3/8”	2/1987	0,68	2/2019	0,78	
AS 100x60	100	4”	60	2 3/8”	2/1991	0,48	2/2023	0,55	
AS 150x60	150	6”	60	2 3/8”	2/1992	0,55	2/2024	0,63	
AS 200x60	200	8”	60	2 3/8”	2/1993	0,63	2/2025	0,72	
AS 300x60	300	12”	60	2 3/8”	2/1995	0,77	2/2027	0,87	
AS 400x60	400	16”	60	2 3/8”	2/1996	0,91	2/2028	1,04	
AS 500x60	500	20”	60	2 3/8”	2/1997	1,05	2/2029	1,20	
AS 600x60	600	24”	60	2 3/8”	2/1998	1,19	2/2030	1,36	
AS 100x80	100	4”	80	3 1/7”	2/1999	0,55	2/2031	0,63	
AS 150x80	150	6”	80	3 1/7”	2/2000	0,62	2/2032	0,71	
AS 200x80	200	8”	80	3 1/7”	2/2001	0,69	2/2033	0,79	
AS 300x80	300	12”	80	3 1/7”	2/2003	0,83	2/2035	0,95	
AS 400x80	400	16”	80	3 1/7”	2/2004	0,97	2/2036	1,11	
AS 500x80	500	20”	80	3 1/7”	2/2005	1,11	2/2037	1,27	
AS 600x80	600	24”	80	3 1/7”	2/2006	1,25	2/2038	1,44	
AS 100x100	100	4”	100	4”	2/2007	0,61	2/2039	0,71	
AS 150x100	150	6”	100	4”	2/2008	0,69	2/2040	0,79	
AS 200x100	200	8”	100	4”	2/2009	0,76	2/2041	0,86	
AS 300x100	300	12”	100	4”	2/2011	0,90	2/2043	1,03	
AS 400x100	400	16”	100	4”	2/2012	1,04	2/2044	1,19	
AS 500x100	500	20”	100	4”	2/2013	1,18	2/2045	1,35	
AS 600x100	600	24”	100	4”	2/2014	1,32	2/2046	1,52	





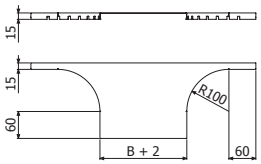


2 x JUER

UL CERTIFIED SAFETY-LOCK E358301

TAS

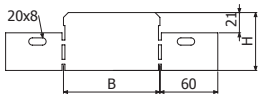
	B		GS		GC		
	mm	inch	REF.	kg/ud	REF.	kg/ud	
TAS 100	100	4“	2/8325	0,22	2/8332	0,26	i304/i316
TAS 150	150	6”	2/8326	0,27	2/8333	0,31	
TAS 200	200	8”	2/8327	0,33	2/8334	0,38	
TAS 300	300	12”	2/8328	0,44	2/8335	0,51	
TAS 400	400	16”	2/8329	0,55	2/8336	0,63	
TAS 500	500	20”	2/8330	0,66	2/8337	0,76	
TAS 600	600	24”	2/8331	0,77	2/8338	0,88	

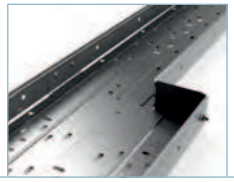


UL CERTIFIED SAFETY-LOCK E358301

REER

	B		H		GS		GC		i304		
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	
REER 50x35	50	2”	35	1 3/8”	2/6290	0,03	2/6298	0,03	-	0,03	i304/i316
REER 50x60	50	2”	60	2 3/8”	2/6291	0,04	2/6299	0,05	2/8767	0,04	
REER 50x80	50	2”	80	3 1/7”	2/6292	0,06	2/6300	0,07	-	0,06	
REER 50x100	50	2”	100	4”	2/6293	0,08	2/6301	0,09	-	0,08	
REER 100x35	100	4”	35	1 3/8”	2/6294	0,04	2/6302	0,04	-	0,04	
REER 100x60	100	4”	60	2 3/8”	2/6295	0,06	2/6303	0,07	2/8768	0,06	
REER 100x80	100	4”	80	3 1/7”	2/6296	0,08	2/6304	0,09	-	0,08	
REER 100x100	100	4”	100	4”	2/6297	0,11	2/6305	0,12	-	0,11	





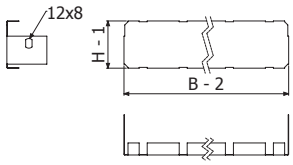
2/100 x B1 (2/4356 - EZ // 2/6826 - GC // 2/4925 - i304)

UL CERTIFIED SAFETY-LOCK E358301

TFERE

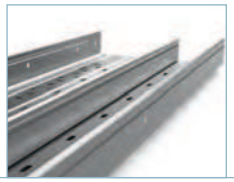
	B		B		GS		GC		i304/i316
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	
TFERE 100X80	100	4"	80	3 1/7"	2/8356	0,08	2/8363	0,09	
TFERE 150X80	150	6"	80	3 1/7"	2/8357	0,12	2/8364	0,14	
TFERE 200X80	200	8"	80	3 1/7"	2/8358	0,15	2/8365	0,17	
TFERE 300X80	300	12"	80	3 1/7"	2/8359	0,21	2/8366	0,24	
TFERE 400X80	400	16"	80	3 1/7"	2/8360	0,33	2/8367	0,38	
TFERE 500X80	500	20"	80	3 1/7"	2/8361	0,34	2/8368	0,39	
TFERE 600X80	600	24"	80	3 1/7"	2/8362	0,47	2/8369	0,55	

2/100 x B1 (2/4356 - GS // 2/6826 - GC)



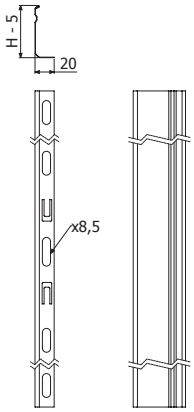
PS

L = 3 m (10 ft)

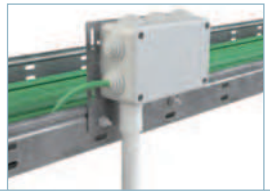


	H		GS		GC		i304		i316	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8"	2/3476	0,29	2/3479	0,29	2/11227	0,29	2/15544	0,29
PS 60	60	2 3/8"	2/2066	0,34	2/3480	0,43	2/3645	0,34	2/15545	0,34
PS 80	80	3 1/7"	2/3477	0,46	2/3481	0,63	2/11228	0,46	2/15546	0,46
PS 100	100	4"	2/3478	0,56	2/3482	0,76	2/5138	0,56	2/15547	0,56

1/100 x B1 (500 ↔ 500 mm) (2/4356 - GS // 2/6826 - GC // 2/4925 - i304)



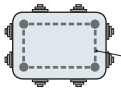
SUCP



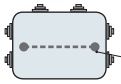
	B		H		GS		i304		i316
	mm	inch	mm	inch	REF.	kg/ud	REF.	kg/ud	
SUCP	160	6 2/7	130	5 1/8	2/14255	0,25	2/14256	0,25	

2/100 x B1 (2/4356 - GS // 2/6826 - GC // 2/4925 - i304)

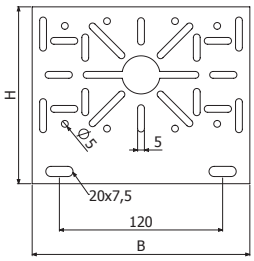
29-70 mm



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



L: 30 -147

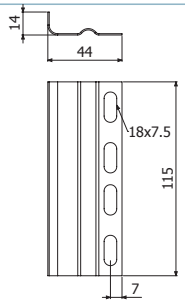


JUER

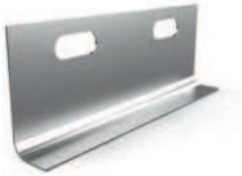

JUER 35

	H		GS		GC		i304		i316
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/m	
JUER 35	35	1 3/8"	2/2047	0,04	2/2052	0,05	2/3232	0,04	
JUER 60	60	2 3/8"	2/2048	0,03	2/2053	0,03	2/3233	0,03	
JUER 80	80	3 1/7"	2/2049	0,06	2/2054	0,07	2/14253	0,06	
JUER 100	100	4"	2/2050	0,07	2/2055	0,09	2/3559	0,07	

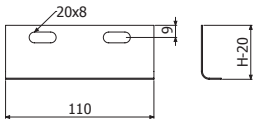
2/100 x B1 (2/4356 - GS // 2/6826 - GC // 2/4925 - i304)



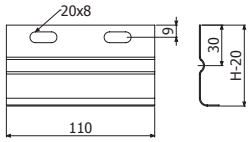
JUER 35


JUER 60


JUER 80/100



JUER 60



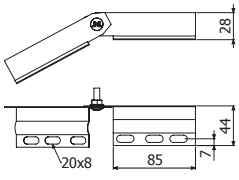
JUER 80/100

JUER-A


JUER-A 35

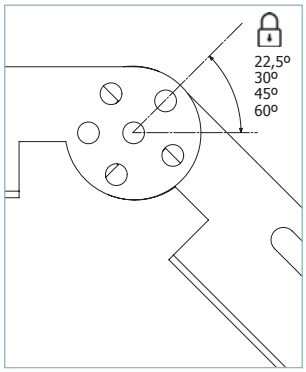
	H		GS		GC		i304/i316
	mm	inch	REF.	kg/ud	REF.	kg/ud	
JUER-A 35	35	1 3/8"	2/3226	0,10	2/5298	0,11	
JUER-A 60	60	2 3/8"	2/3229	0,10	2/4439	0,11	
JUER-A 80	80	3 1/7"	2/6327	0,13	2/5055	0,14	
JUER-A 100	100	4"	2/6209	0,16	2/6416	0,18	

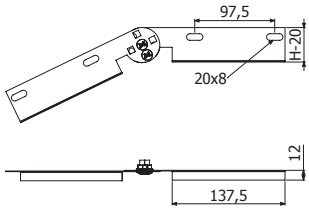
4/100 x B1 (2/4356 - GS / 2/6826 - GC / 2/4925 - i304)



JUER-A 35

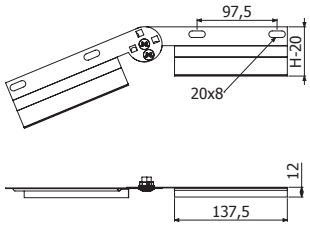

JUER-A 60





JUER-A 60


JUER-A 80/100

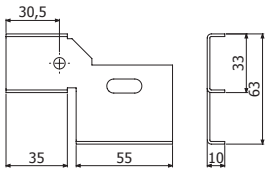


JUER-A 80/100

JUER-BFR

	i304		i316
	REF.	kg/ud	
JUER-BFR 60/65	2/7018	0,18	

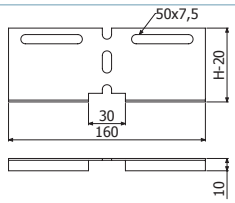
10



JUER-B

	H		GS		GC		i304	i316
	mm	inch	REF.	kg/ud	REF.	kg/ud		
JUER-B 35	35	1 3/8"	2/7204	0,12	2/7208	0,13		
JUER-B 60	60	2 3/8"	2/7205	0,08	2/4440	0,09		
JUER-B 80	80	3 1/7"	2/7206	0,12	2/7209	0,13		
JUER-B 100	100	4"	2/7207	0,15	2/7210	0,16		

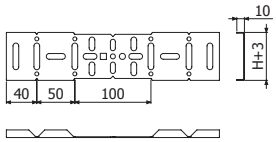
2/100 x B1 (2/4356 - GS / 2/6826 - GC / 2/4925 - i304)



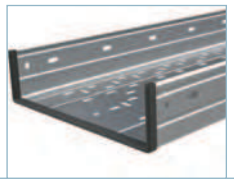
JUER-U

	H		GS		i304		i316
	mm	inch	REF.	kg/ud	REF.	kg/ud	
JUER-U 60	60	2 3/8"	2/5740	0,14	2/14241	0,14	
JUER-U 100	100	4"	2/14243	0,20	2/14242	0,20	

2/100 x B1 (2/4356 - GS / 2/6826 - GC / 2/4925 - i304)



PBCH-1

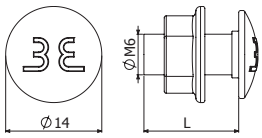


	e	L	PVC	
	mm	m	REF.	kg/ud
PBCH-1	≤ 1	20	2/10086	0,07

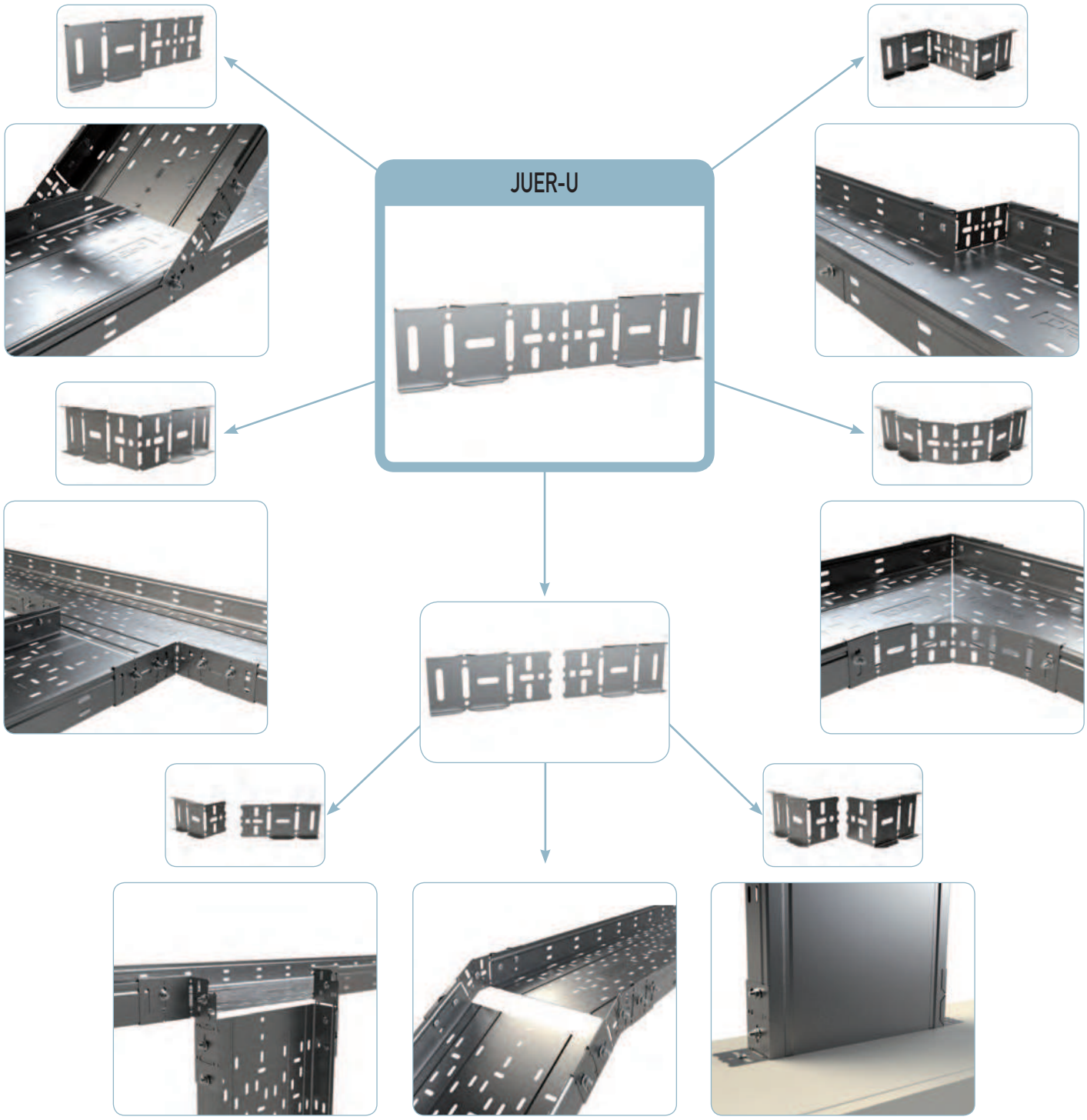
B1

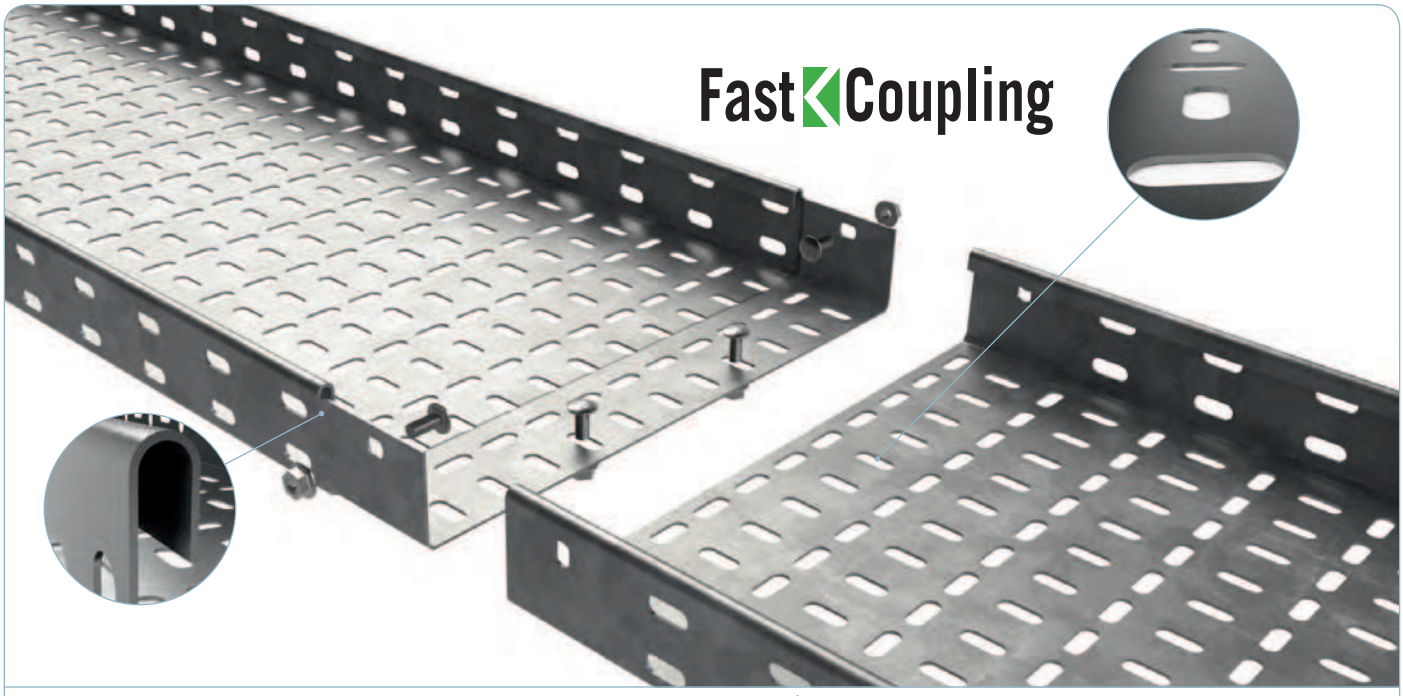
	L	Pap	EZ		GC		i304	
	mm	Nm	REF.	kg/ud	REF.	kg/ud	REF.	kg/m
B1-100	14	6	2/4356	0,77	2/6826	0,77	-	-
B1-100	20	6	-	-	-	-	2/4925	0,79

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

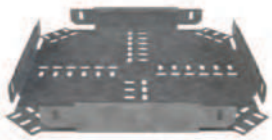
3 5-6
9B
UNE-EN 61537

20J
UNE-EN 61537
UNE-EN 50085


CPBS


CCXBS


TEBS


CRBS


JUBS


JUBS-I


PS

		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

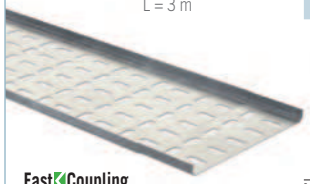
BS Low Duty H12 / H18

BS 50X12

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
BS 50x12	50	2”	12	1/2”	0,8	2/3658	0,44	2/3847	0,51	0,8	2/14993	0,44

1 x JUBS-I



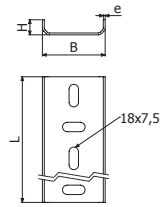
FastKCoupling

BS 75-225X12 / 300X18

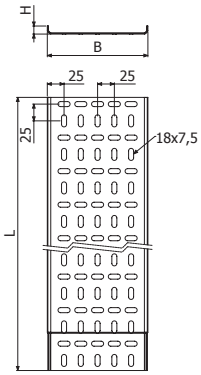
L = 3 m

	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
BS 75x12	75	3”	12	1/2”	0,8	2/3659	0,60	2/3848	0,70	0,8	2/14994	0,60
BS 100x12	100	4”	12	1/2”	0,8	2/3660	0,76	2/3849	0,88	0,8	2/14995	0,76
BS 150x12	150	6”	12	1/2”	0,8	2/3661	1,08	2/3850	1,25	0,8	2/14996	1,08
BS 225x12	225	9”	12	1/2”	0,8	2/3662	1,56	2/3851	1,81	0,8	2/14997	1,56
BS 300x18	300	12”	18	3/4”	1,2	2/3663	3,19	2/3852	3,57	1,2	2/14998	3,19

4/100 x B1 (2/4356 EZ // 2/6826 GC)



BS 50x12



BS 75-225X12 / 300X18

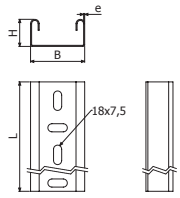
BS Medium Duty H25

BS 50x25

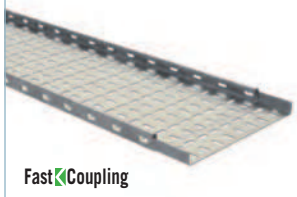
L = 3 m

	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
BS 50x25	50	2”	25	1”	0,7	2/3708	0,67	2/3903	0,78	0,8	2/14999	0,77

1 x JUBS-I



BS 50x25



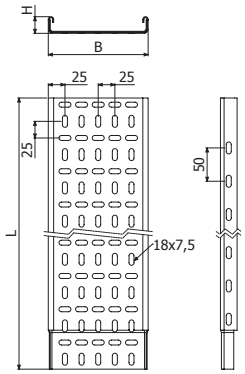
FastKCoupling

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
BS 75x25	75	3”	25	1”	0,7	2/3709	0,81	2/3904	0,95	0,8	2/15000	0,93
BS 100x25	100	4”	25	1”	0,7	2/3710	0,95	2/3905	1,11	0,8	2/15001	1,09
BS 150x25	150	6”	25	1”	0,8	2/3711	1,40	2/3906	1,62	0,8	2/15002	1,40
BS 225x25	225	9”	25	1”	0,8	2/3712	1,88	2/3907	2,18	0,8	2/15003	1,88
BS 300x25	300	12”	25	1”	1	2/3713	2,94	2/3908	3,35	1	2/15004	2,94
BS 450x25	450	18”	25	1”	1,2	2/3714	4,95	2/3909	5,54	1,2	2/15005	4,95
BS 600x25	600	24”	25	1”	1,2	2/3715	6,39	2/3910	7,16	1,2	2/15006	6,39

4/100 x B1 (2/4356 EZ // 2/6826 GC)



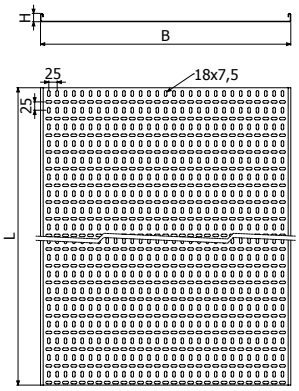
BS 75-600x25

BS 750-900x25

L = 2 m

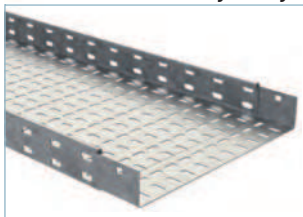
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
BS 750x25x1,5 2M	750	30”	25	1”	1,5	2/3716	9,78	2/3911	10,76	1,5	-	9,78
BS 900x25x1,5 2M	900	36”	25	1”	1,5	2/3717	11,58	2/3912	12,74	1,5	-	11,58

2 x JUBS



BS 750-900x25

BS Heavy Duty H50



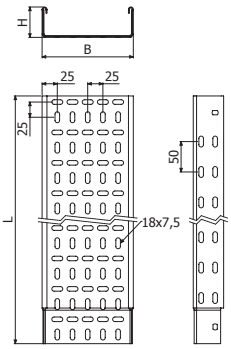
BS 75-600X50

Fast Coupling

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
BS 75x50	75	3”	50	2”	0,8	2/3785	1,24	2/3980	1,44	0,8	2/15007	1,24
BS 100x50	100	4”	50	2”	0,8	2/3786	1,40	2/3981	1,62	0,8	2/15008	1,40
BS 150x50	150	6”	50	2”	0,8	2/3787	1,72	2/3982	2,00	0,8	2/15009	1,72
BS 225x50	225	9”	50	2”	1,2	2/3788	3,27	2/3983	3,66	1,2	2/15010	3,27
BS 300x50	300	12”	50	2”	1,2	2/3789	3,99	2/3984	4,47	1,2	2/15011	3,99
BS 450x50x1,5	450	18”	50	2”	1,5	2/3790	6,78	2/3985	7,46	1,2	2/15012	6,78
BS 600x50x1,5	600	24”	50	2”	1,5	2/3791	8,58	2/3986	9,44	1,2	2/15013	8,58

4/100 x B1 (2/4356 EZ // 2/6826 GC)



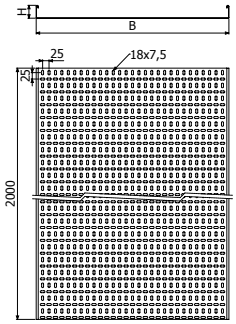
BS 75-600X50

BS 750-900X50

L = 2 m

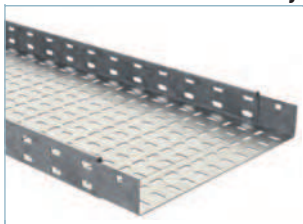
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	mm	REF.	kg/m
BS 750x50x1,5 2M	750	30”	50	2”	1,5	2/3792	10,38	2/3987	11,42	1,5	2/15014	10,38
BS 900x50x1,5 2M	900	36”	50	2”	1,5	2/3793	12,18	2/3988	13,40	1,5	2/15015	12,18

2 x JUBS



BS 750-900X50

BS Extra Heavy Duty H50 / H75 / H100



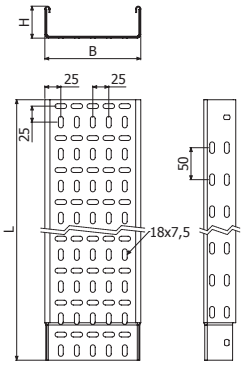
BS H50-H100X1,5

Fast Coupling

L = 3 m

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BS 100x50x1,5	100	4”	50	2”	1,5	2/15446	2,84
BS 150x50x1,5	150	6”	50	2”	1,5	2/15447	3,50
BS 225x50x1,5	225	9”	50	2”	1,5	2/15448	4,49
BS 300x50x1,5	300	12”	50	2”	1,5	2/15449	5,48
BS 450x50x1,5	450	18”	50	2”	1,5	2/3985	7,46
BS 600x50x1,5	600	24”	50	2”	1,5	2/3986	9,44
BS 100x75x1,5	100	4”	75	3”	1,5	2/15454	3,50
BS 150x75x1,5	150	6”	75	3”	1,5	2/15455	4,16
BS 225x75x1,5	225	9”	75	3”	1,5	2/15456	5,15
BS 300x75x1,5	300	12”	75	3”	1,5	2/15457	6,14
BS 450x75x1,5	450	18”	75	3”	1,5	2/15458	8,12
BS 600x75x1,5	600	24”	75	3”	1,5	2/15459	10,10
BS 100x100x1,5	100	4”	100	4”	1,5	2/15462	4,16
BS 150x100x1,5	150	6”	100	4”	1,5	2/15463	4,82
BS 225x100x1,5	225	9”	100	4”	1,5	2/15464	5,81
BS 300x100x1,5	300	12”	100	4”	1,5	2/15465	6,80
BS 450x100x1,5	450	18”	100	4”	1,5	2/15466	8,78
BS 600x100x1,5	600	24”	100	4”	1,5	2/15467	10,76

4/100 x B1 (2/4356 EZ // 2/6826 GC)



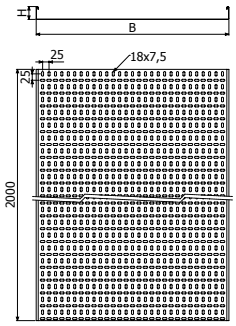
BS H50-H100X1,5

BS H50-H100X2

L = 2 m

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BS 750x50x2 2M	750	30”	50	2”	2	2/15452	14,86
BS 900x50x2 2M	900	36”	50	2”	2	2/15453	17,44
BS 750x75x2 2M	750	30”	75	3”	2	2/15460	15,72
BS 900x75x2 2M	900	36”	75	3”	2	2/15461	18,30
BS 600x100x2 2M	600	24”	100	4”	2	2/15468	14,00
BS 750x100x2 2M	750	30”	100	4”	2	2/15469	16,58
BS 900x100x2 2M	900	36”	100	4”	2	2/15470	19,16

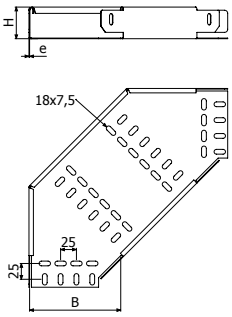
2 x JUBS

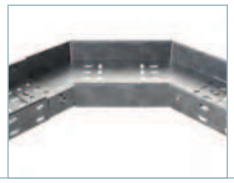


BS H50-H100X2

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	2/4321	0,20	2/3863	0,23	0,8	2/15016	0,20
CPBS 75X12	75	3”	12	1/2”	0,8	2/3669	0,25	2/3864	0,29	0,8	2/15017	0,25
CPBS 100X12	100	4”	12	1/2”	0,8	2/3670	0,32	2/3865	0,37	0,8	2/15018	0,32
CPBS 150X12	150	6”	12	1/2”	0,8	2/3671	0,48	2/3866	0,56	0,8	2/15019	0,48
CPBS 225X12	225	9”	12	1/2”	0,8	2/3672	0,76	2/3867	0,88	0,8	2/15020	0,76
CPBS 300X18	300	12”	18	3/4”	1,2	2/3673	1,63	2/3868	1,83	1,2	2/15021	1,63
CPBS 50X25	50	2”	25	1”	0,7	2/3745	0,20	2/3940	0,23	0,8	2/15022	0,23
CPBS 75X25	75	3”	25	1”	0,7	2/3746	0,25	2/3941	0,29	0,8	2/15023	0,29
CPBS 100X25	100	4”	25	1”	0,7	2/3747	0,31	2/3942	0,36	0,8	2/15024	0,35
CPBS 150X25	150	6”	25	1”	0,8	2/3748	0,52	2/3943	0,60	0,8	2/15025	0,52
CPBS 225X25	225	9”	25	1”	0,8	2/3749	0,81	2/3944	0,94	0,8	2/15026	0,81
CPBS 300X25	300	12”	25	1”	1	2/3750	1,46	2/3945	1,66	1	2/15027	1,46
CPBS 450X25	450	18”	25	1”	1,2	2/3751	3,09	2/3946	3,46	1,2	2/15028	3,09
CPBS 600X25	600	24”	25	1”	1,2	2/3752	4,78	2/3947	5,35	1,2	2/15029	4,78
CPBS 750X25	750	30”	25	1”	1,5	2/3753	8,54	2/3948	9,39	1,5	2/11309	8,54
CPBS 900X25	900	36”	25	1”	1,5	2/3754	11,55	2/3949	12,71	1,5	2/11310	11,55
CPBS 75X50	75	3”	50	2”	0,8	2/3811	0,39	2/4006	0,45	0,8	2/15030	0,39
CPBS 100X50	100	4”	50	2”	0,8	2/3812	0,47	2/4007	0,55	0,8	2/15031	0,47
CPBS 150X50	150	6”	50	2”	0,8	2/3813	0,64	2/4008	0,74	0,8	2/15032	0,64
CPBS 225X50	225	9”	50	2”	1,2	2/3814	1,44	2/4009	1,61	1,2	2/15033	1,44
CPBS 300X50	300	12”	50	2”	1,2	2/3815	2,01	2/4010	2,25	1,2	2/15034	2,01
CPBS 450X50x1,5	450	18”	50	2”	1,5	2/3816	4,26	2/4011	4,69	1,5	2/15035	4,26
CPBS 600X50x1,5	600	24”	50	2”	1,5	2/3817	6,45	2/4012	7,10	1,5	2/15036	6,45
CPBS 750X50x1,5	750	30”	50	2”	1,5	2/3818	9,10	2/4013	10,01	1,5	2/15037	9,10
CPBS 900X50x1,5	900	36”	50	2”	1,5	2/3819	12,19	2/4014	13,41	1,5	2/15038	12,19

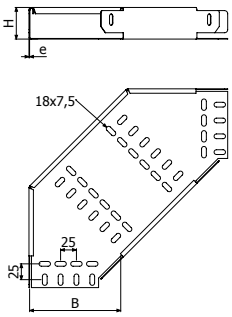


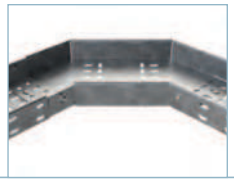


4/100 x B1 (2/4356 EZ // 2/6826 GC)

CPBS Extra Heavy Duty

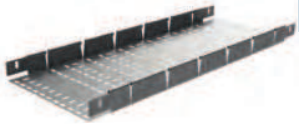
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPBS 100X50X1.5	100	4”	50	2”	1,5	2/15471	0,96
CPBS 150X50X1.5	150	6”	50	2”	1,5	2/15472	1,33
CPBS 225X50X1.5	225	9”	50	2”	1,5	2/15473	1,98
CPBS 300X50X1.5	300	12”	50	2”	1,5	2/15474	2,76
CPBS 450X50X1.5	450	18”	50	2”	1,5	2/4011	4,68
CPBS 600X50X1.5	600	24”	50	2”	1,5	2/4012	7,10
CPBS 750X50X2	750	30”	50	2”	2	2/15477	13,04
CPBS 900X50X2	900	36”	50	2”	2	2/15478	17,47
CPBS 100X75X1.5	100	4”	75	3”	1,5	2/15479	1,20
CPBS 150X75X1.5	150	6”	75	3”	1,5	2/15480	1,59
CPBS 225X75X1.5	225	9”	75	3”	1,5	2/15481	2,29
CPBS 300X75X1.5	300	12”	75	3”	1,5	2/15482	3,10
CPBS 450X75X1.5	450	18”	75	3”	1,5	2/15483	5,11
CPBS 600X75X1.5	600	24”	75	3”	1,5	2/15484	7,65
CPBS 750X75X2	750	30”	75	3”	2	2/15485	13,81
CPBS 900X75X2	900	36”	75	3”	2	2/15486	18,34
CPBS 100X100X1.5	100	4”	100	4”	1,5	2/15487	1,43
CPBS 150X100X1.5	150	6”	100	4”	1,5	2/15488	1,85
CPBS 225X100X1.5	225	9”	100	4”	1,5	2/15489	2,59
CPBS 300X100X1.5	300	12”	100	4”	1,5	2/15490	3,45
CPBS 450X100X1.5	450	18”	100	4”	1,5	2/15491	5,54
CPBS 600X100X1.5	600	24”	100	4”	1,5	2/15492	8,12
CPBS 600X100X2	600	24”	100	4”	2	2/15493	10,58
CPBS 750X100X2	750	30”	100	4”	2	2/15494	14,58
CPBS 900X100X2	900	36”	100	4”	2	2/15495	19,22



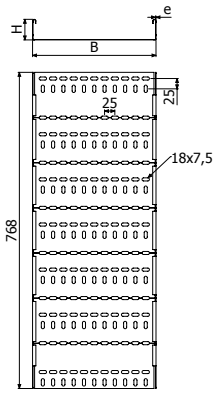


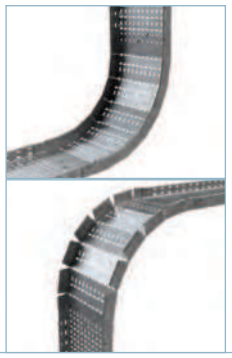
4/100 x B1 (2/4356 EZ // 2/6826 GC)

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	2/4229	0,36	2/4258	0,41	0,8	2/15039	0,36
CCXBS 75X12	75	3”	12	1/2”	0,8	2/4230	0,48	2/4259	0,56	0,8	2/15040	0,48
CCXBS 100X12	100	4”	12	1/2”	0,8	2/4231	0,60	2/4260	0,70	0,8	2/15041	0,60
CCXBS 150X12	150	6”	12	1/2”	0,8	2/4232	0,85	2/4261	0,98	0,8	2/15042	0,85
CCXBS 225X12	225	9”	12	1/2”	0,8	2/4233	1,22	2/4262	1,41	0,8	2/15043	1,22
CCXBS 300X18	300	12”	18	3/4”	1,2	2/4234	2,46	2/4263	2,75	1,2	2/15044	2,46
CCXBS 50X25	50	2”	25	1”	0,7	2/4239	0,50	2/4268	0,58	0,8	2/15045	0,57
CCXBS 75X25	75	3”	25	1”	0,7	2/4240	0,60	2/4269	0,71	0,8	2/15046	0,69
CCXBS 100X25	100	4”	25	1”	0,7	2/4241	0,71	2/4270	0,83	0,8	2/15047	0,81
CCXBS 150X25	150	6”	25	1”	0,8	2/4242	1,06	2/4271	1,23	0,8	2/15048	1,06
CCXBS 225X25	225	9”	25	1”	0,8	2/4243	1,43	2/4272	1,66	0,8	2/15049	1,43
CCXBS 300X25	300	12”	25	1”	1	2/4244	2,25	2/4273	2,57	1	2/15050	2,25
CCXBS 450X25	450	18”	25	1”	1,2	2/4245	3,81	2/4274	4,27	1,2	2/15051	3,81
CCXBS 600X25	600	24”	25	1”	1,2	2/4246	4,92	2/4275	5,51	1,2	2/15052	4,92
CCXBS 750X25x1,5	750	30”	25	1”	1,5	2/4247	7,54	2/4276	8,29	1,5	2/11349	7,54
CCXBS 900X25x1,5	900	36”	25	1”	1,5	2/4248	8,93	2/4277	9,82	1,5	2/11350	8,93
CCXBS 75X50	75	3”	50	2”	0,8	2/4249	0,94	2/4278	1,09	0,8	2/15053	0,94
CCXBS 100X50	100	4”	50	2”	0,8	2/4250	1,06	2/4279	1,23	0,8	2/15054	1,06
CCXBS 150X50	150	6”	50	2”	0,8	2/4251	1,31	2/4280	1,52	0,8	2/15055	1,31
CCXBS 225X50	225	9”	50	2”	1,2	2/4252	2,52	2/4281	2,82	1,2	2/15056	2,52
CCXBS 300X50	300	12”	50	2”	1,2	2/4253	3,07	2/4282	3,44	1,2	2/15057	3,07
CCXBS 450X50x1,5	450	18”	50	2”	1,5	2/4254	5,23	2/4283	5,75	1,5	2/15058	5,23
CCXBS 600X50x1,5	600	24”	50	2”	1,5	2/4255	6,62	2/4284	7,28	1,5	2/15059	6,62
CCXBS 750X50x1,5	750	30”	50	2”	1,5	2/4256	8,00	2/4285	8,80	1,5	2/15060	8,00
CCXBS 900X50x1,5	900	36”	50	2”	1,5	2/4257	9,39	2/4286	10,33	1,5	2/15061	9,39

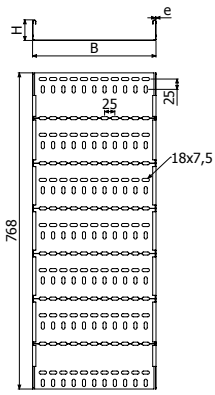


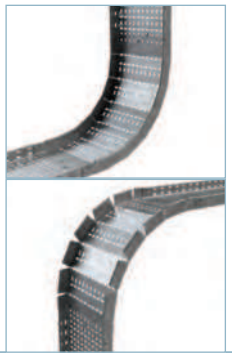


4/100 x B1 (2/4356 EZ // 2/6826 GC)

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	2/15496	2,19
CCXBS 150X50X1,5	150	6”	50	2”	1,5	2/15497	2,70
CCXBS 225X50X1,5	225	9”	50	2”	1,5	2/15498	3,46
CCXBS 300X50X1,5	300	12”	50	2”	1,5	2/15499	4,22
CCXBS 450X50X1,5	450	18”	50	2”	1,5	2/4283	5,75
CCXBS 600X50X1,5	600	24”	50	2”	1,5	2/4284	7,28
CCXBS 750X50X2	750	30”	50	2”	2	2/15502	11,47
CCXBS 900X50X2	900	36”	50	2”	2	2/15503	13,46
CCXBS 100X75X1,5	100	4”	75	3”	1,5	2/15504	2,70
CCXBS 150X75X1,5	150	6”	75	3”	1,5	2/15505	3,21
CCXBS 225X75X1,5	225	9”	75	3”	1,5	2/15506	3,97
CCXBS 300X75X1,5	300	12”	75	3”	1,5	2/15507	4,73
CCXBS 450X75X1,5	450	18”	75	3”	1,5	2/15508	6,26
CCXBS 600X75X1,5	600	24”	75	3”	1,5	2/15509	7,79
CCXBS 750X75X2	750	30”	75	3”	2	2/15510	12,13
CCXBS 900X75X2	900	36”	75	3”	2	2/15511	14,12
CCXBS 100X100X1,5	100	4”	100	4”	1,5	2/15512	3,21
CCXBS 150X100X1,5	150	6”	100	4”	1,5	2/15513	3,71
CCXBS 225X100X1,5	225	9”	100	4”	1,5	2/15514	4,48
CCXBS 300X100X1,5	300	12”	100	4”	1,5	2/15515	5,24
CCXBS 450X100X1,5	450	18”	100	4”	1,5	2/15516	6,77
CCXBS 600X100X1,5	600	24”	100	4”	1,5	2/15517	8,29
CCXBS 600X100X2	600	24”	100	4”	2	2/15518	10,81
CCXBS 750X100X2	750	30”	100	4”	2	2/15519	12,80
CCXBS 900X100X2	900	36”	100	4”	2	2/15520	14,79

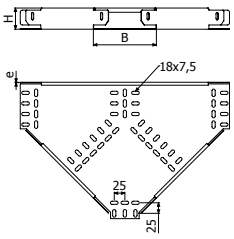




4/100 x B1 (2/4356 EZ // 2/6826 GC)

TEBS

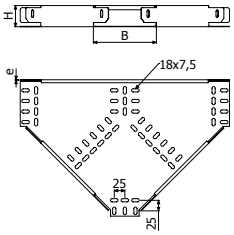
	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
TEBS 50X12	50	2”	12	1/2”	0,8	2/3688	0,47	2/3883	0,54	0,8	2/15085	0,47
TEBS 75X12	75	3”	12	1/2”	0,8	2/3689	0,55	2/3884	0,64	0,8	2/15086	0,55
TEBS 100X12	100	4”	12	1/2”	0,8	2/3690	0,63	2/3885	0,73	0,8	2/15087	0,63
TEBS 150X12	150	6”	12	1/2”	0,8	2/3691	0,82	2/3886	0,95	0,8	2/15088	0,82
TEBS 225X12	225	9”	12	1/2”	0,8	2/3692	1,15	2/3887	1,34	0,8	2/15089	1,15
TEBS 300X18	300	12”	18	3/4”	1,2	2/3693	2,33	2/3888	2,61	1,2	2/15090	2,33
TEBS 50X25	50	2”	25	1”	0,7	2/3765	0,45	2/3960	0,52	0,8	2/15091	0,51
TEBS 75X25	75	3”	25	1”	0,7	2/3766	0,52	2/3961	0,61	0,8	2/15092	0,59
TEBS 100X25	100	4”	25	1”	0,7	2/3767	0,60	2/3962	0,70	0,8	2/15093	0,69
TEBS 150X25	150	6”	25	1”	0,8	2/3768	0,88	2/3963	1,02	0,8	2/15094	0,88
TEBS 225X25	225	9”	25	1”	0,8	2/3769	1,21	2/3964	1,41	0,8	2/15095	1,21
TEBS 300X25	300	12”	25	1”	1	2/3770	2,01	2/3965	2,29	1	2/15096	2,01
TEBS 450X25	450	18”	25	1”	1,2	2/3771	3,83	2/3966	4,29	1,2	2/15097	3,83
TEBS 600X25	600	24”	25	1”	1,2	2/3772	5,57	2/3967	6,24	1,2	2/15098	5,57
TEBS 750X25x1,5	750	30”	25	1”	1,5	2/3773	9,55	2/3968	10,50	1,5	2/15066	9,55
TEBS 900X25x1,5	900	36”	25	1”	1,5	2/3774	12,53	2/3969	13,79	1,5	2/15067	12,53
TEBS 75X50	75	3”	50	2”	0,8	2/3829	0,70	2/4024	0,81	0,8	2/15099	0,70
TEBS 100X50	100	4”	50	2”	0,8	2/3830	0,80	2/4025	0,92	0,8	2/15100	0,80
TEBS 150X50	150	6”	50	2”	0,8	2/3831	1,00	2/4026	1,16	0,8	2/15101	1,00
TEBS 225X50	225	9”	50	2”	1,2	2/3832	2,05	2/4027	2,30	1,2	2/15102	2,05
TEBS 300X50	300	12”	50	2”	1,2	2/3833	2,67	2/4028	2,99	1,2	2/15103	2,67
TEBS 450X50x1,5	450	18”	50	2”	1,5	2/3834	5,20	2/4029	5,72	1,5	2/15104	5,20
TEBS 600X50x1,5	600	24”	50	2”	1,5	2/3835	7,46	2/4030	8,20	1,5	2/15105	7,46
TEBS 750X50x1,5	750	30”	50	2”	1,5	2/3836	10,12	2/4031	11,14	1,5	2/15106	10,12
TEBS 900X50x1,5	900	36”	50	2”	1,5	2/3837	13,20	2/4032	14,51	1,5	2/15107	13,20



4/100 x B1 (2/4356 EZ // 2/6826 GC)

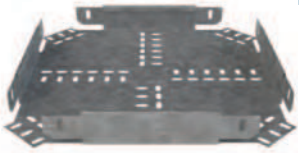
TEBS Extra Heavy Duty

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TEBS 100X50X1,5	100	4”	50	2”	1,5	2/15546	1,64
TEBS 150X50X1,5	150	6”	50	2”	1,5	2/15547	2,08
TEBS 225X50X1,5	225	9”	50	2”	1,5	2/15548	2,82
TEBS 300X50X1,5	300	12”	50	2”	1,5	2/15549	3,67
TEBS 450X50X1,5	450	18”	50	2”	1,5	2/4029	5,72
TEBS 600X50X1,5	600	24”	50	2”	1,5	2/4030	8,20
TEBS 750X50X2	750	30”	50	2”	2	2/15552	14,51
TEBS 900X50X2	900	36”	50	2”	2	2/15553	18,91
TEBS 100X75X1,5	100	4”	75	3”	1,5	2/15554	1,90
TEBS 150X75X1,5	150	6”	75	3”	1,5	2/15555	2,36
TEBS 225X75X1,5	225	9”	75	3”	1,5	2/15556	3,15
TEBS 300X75X1,5	300	12”	75	3”	1,5	2/15557	4,05
TEBS 450X75X1,5	450	18”	75	3”	1,5	2/15558	6,18
TEBS 600X75X1,5	600	24”	75	3”	1,5	2/15559	8,76
TEBS 750X75X2	750	30”	75	3”	2	2/15560	15,35
TEBS 900X75X2	900	36”	75	3”	2	2/15561	19,87
TEBS 100X100X1,5	100	4”	100	4”	1,5	2/15562	2,16
TEBS 150X100X1,5	150	6”	100	4”	1,5	2/15563	2,66
TEBS 225X100X1,5	225	9”	100	4”	1,5	2/15564	3,49
TEBS 300X100X1,5	300	12”	100	4”	1,5	2/15565	4,44
TEBS 450X100X1,5	450	18”	100	4”	1,5	2/15566	6,66
TEBS 600X100X1,5	600	24”	100	4”	1,5	2/15567	9,33
TEBS 600X100X2	600	24”	100	4”	2	2/15568	12,15
TEBS 750X100X2	750	30”	100	4”	2	2/15569	16,21
TEBS 900X100X2	900	36”	100	4”	2	2/15570	20,85

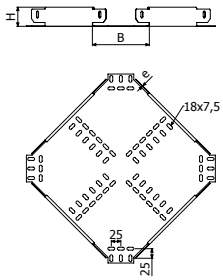


4/100 x B1 (2/4356 EZ // 2/6826 GC)

CRBS

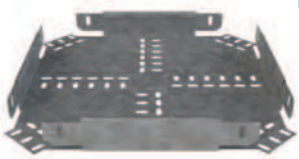


	B		H		e	GS		GC		e	i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
CRBS 50X12	50	2”	12	1/2”	0,8	2/3698	0,72	2/3893	0,84	0,8	2/15108	0,72
CRBS 75X12	75	3”	12	1/2”	0,8	2/3699	0,82	2/3894	0,95	0,8	2/15109	0,82
CRBS 100X12	100	4”	12	1/2”	0,8	2/3700	0,92	2/3895	1,06	0,8	2/15110	0,92
CRBS 150X12	150	6”	12	1/2”	0,8	2/3701	1,14	2/3896	1,32	0,8	2/15111	1,14
CRBS 225X12	225	9”	12	1/2”	0,8	2/3702	1,51	2/3897	1,75	0,8	2/15112	1,51
CRBS 300X18	300	12”	18	3/4”	1,2	2/3703	2,91	2/3898	3,26	1,2	2/15113	2,91
CRBS 50X25	50	2”	25	1”	0,7	2/3775	0,63	2/3970	0,74	0,8	2/15114	0,72
CRBS 75X25	75	3”	25	1”	0,7	2/3776	0,71	2/3971	0,84	0,8	2/15115	0,81
CRBS 100X25	100	4”	25	1”	0,7	2/3777	0,80	2/3972	0,94	0,8	2/15116	0,91
CRBS 150X25	150	6”	25	1”	0,8	2/3778	1,14	2/3973	1,32	0,8	2/15117	1,14
CRBS 225X25	225	9”	25	1”	0,8	2/3779	1,51	2/3974	1,75	0,8	2/15118	1,51
CRBS 300X25	300	12”	25	1”	1	2/3780	2,42	2/3975	2,76	1	2/15119	2,42
CRBS 450X25	450	18”	25	1”	1,2	2/3781	4,43	2/3976	4,97	1,2	2/15120	4,43
CRBS 600X25	600	24”	25	1”	1,2	2/3782	6,28	2/3977	7,03	1,2	2/15121	6,28
CRBS 750X25x1,5	750	30”	25	1”	1,5	2/3783	10,55	2/3978	11,61	1,5	2/15072	10,55
CRBS 900X25x1,5	900	36”	25	1”	1,5	2/3784	13,65	2/3979	15,02	1,5	2/15073	13,65
CRBS 75X50	75	3”	50	2”	0,8	2/3838	0,89	2/4033	1,03	0,8	2/15122	0,89
CRBS 100X50	100	4”	50	2”	0,8	2/3839	0,99	2/4034	1,15	0,8	2/15123	0,99
CRBS 150X50	150	6”	50	2”	0,8	2/3840	1,22	2/4035	1,42	0,8	2/15124	1,22
CRBS 225X50	225	9”	50	2”	1,2	2/3841	2,41	2/4036	2,70	1,2	2/15125	2,41
CRBS 300X50	300	12”	50	2”	1,2	2/3842	3,08	2/4037	3,44	1,2	2/15126	3,08
CRBS 450X50x1,5	450	18”	50	2”	1,5	2/3843	5,80	2/4038	6,38	1,5	2/15127	5,80
CRBS 600X50x1,5	600	24”	50	2”	1,5	2/3844	8,15	2/4039	8,96	1,5	2/15128	8,15
CRBS 750X50x1,5	750	30”	50	2”	1,5	2/3845	10,90	2/4040	11,99	1,5	2/15129	10,90
CRBS 900X50x1,5	900	36”	50	2”	1,5	2/3846	14,05	2/4041	15,46	1,5	2/15130	14,05

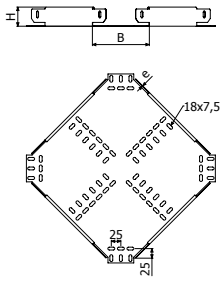


8/100 x B1 (2/4356 EZ // 2/6826 GC)

CRBS Extra Heavy Duty

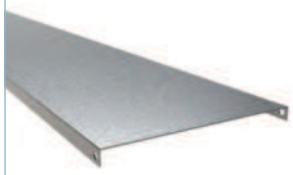


	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CRBS 100X50X1,5	100	4”	50	2”	1,5	2/15571	2,05
CRBS 150X50X1,5	150	6”	50	2”	1,5	2/15572	2,52
CRBS 225X50X1,5	225	9”	50	2”	1,5	2/15573	3,32
CRBS 300X50X1,5	300	12”	50	2”	1,5	2/15574	4,23
CRBS 450X50X1,5	450	18”	50	2”	1,5	2/4038	6,38
CRBS 600X50X1,5	600	24”	50	2”	1,5	2/4039	8,96
CRBS 750X50X2	750	30”	50	2”	2	2/15577	15,63
CRBS 900X50X2	900	36”	50	2”	2	2/15578	20,14
CRBS 100X75X1,5	100	4”	75	3”	1,5	2/15579	2,21
CRBS 150X75X1,5	150	6”	75	3”	1,5	2/15580	2,70
CRBS 225X75X1,5	225	9”	75	3”	1,5	2/15581	3,53
CRBS 300X75X1,5	300	12”	75	3”	1,5	2/15582	4,46
CRBS 450X75X1,5	450	18”	75	3”	1,5	2/15583	6,66
CRBS 600X75X1,5	600	24”	75	3”	1,5	2/15584	9,30
CRBS 750X75X2	750	30”	75	3”	2	2/15585	16,14
CRBS 900X75X2	900	36”	75	3”	2	2/15586	20,72
CRBS 100X100X1,5	100	4”	100	4”	1,5	2/15587	2,38
CRBS 150X100X1,5	150	6”	100	4”	1,5	2/15588	2,89
CRBS 225X100X1,5	225	9”	100	4”	1,5	2/15589	3,74
CRBS 300X100X1,5	300	12”	100	4”	1,5	2/15590	4,70
CRBS 450X100X1,5	450	18”	100	4”	1,5	2/15591	6,96
CRBS 600X100X1,5	600	24”	100	4”	1,5	2/15592	9,65
CRBS 600X100X2	600	24”	100	4”	2	2/15593	12,58
CRBS 750X100X2	750	30”	100	4”	2	2/15594	16,66
CRBS 900X100X2	900	36”	100	4”	2	2/15595	21,31



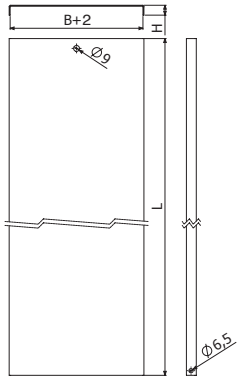
4/100 x B1 (2/4356 EZ // 2/6826 GC)

TBS



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

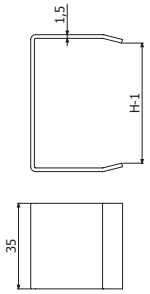
	L		B		H		e	GS		GC	
	m	ft	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m
TBS 75X1 3M	3	10	75	3"	15	3/5"	1	2/15521	0,89	2/15530	0,98
TBS 100X1 3M	3	10	100	4"	15	3/5"	1	2/15522	1,09	2/15531	1,20
TBS 150X1 3M	3	10	150	6"	15	3/5"	1	2/15523	1,49	2/15532	1,64
TBS 225X1 3M	3	10	225	9"	15	3/5"	1	2/15524	2,09	2/15533	2,30
TBS 300X1 3M	3	10	300	12"	15	3/5"	1	2/15525	2,69	2/15534	2,96
TBS 450X1.2 3M	3	10	450	18"	15	3/5"	1,2	2/15526	4,67	2/15535	5,13
TBS 600X1.2 3M	3	10	600	24"	15	3/5"	1,2	2/15527	6,11	2/15536	6,72
TBS 750X1.5 2M	2	6,56	750	30"	15	3/5"	1,5	2/15528	9,43	2/15537	10,38
TBS 900X1.5 2M	2	6,56	900	36"	15	3/5"	1,5	2/15529	11,23	2/15538	12,36



PTBS

	H		i316	
	mm	inch	REF.	kg/ud
PTBS H12	12	1/2"	2/3998	0,04
PTBS H25	25	1"	2/3999	0,05
PTBS H50	50	2"	2/4000	0,06
PTBS H75	75	3"	2/4001	0,07
PTBS H100	100	4"	2/4002	0,08

4 x PTBS => 1 x TBS

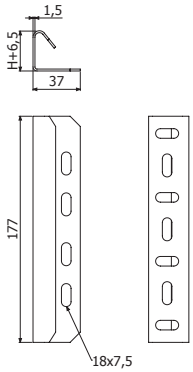


JUBS

	H		GS		GC		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBS 25	25	1"	2/3724	0,25	2/3919	0,27	2/15134	0,25
JUBS 50	50	2"	2/3801	0,36	2/3996	0,39	2/15135	0,36
JUBS 75	75	3"	-	-	2/15598	0,51	-	-
JUBS 100	100	4"	-	-	2/15599	0,63	-	-

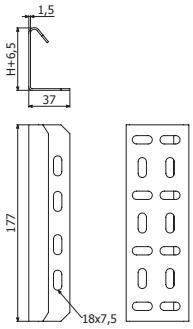
4/100 x B1 (2/4356 EZ // 2/6826 GC)

JUBS 25



JUBS 25

JUBS 50 / JUBS 75 / JUBS 100

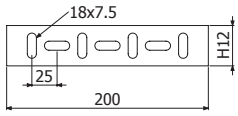


JUBS 50 / JUBS 75 / JUBS 100

JUBS-I

	H		GS		GC		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBS-I 12/25/50	50	2”	2/3800	0,06	2/3995	0,07	2/15133	0,06
JUBS-I 75	75	3”	-	-	2/15596	0,08	-	-
JUBS-I 100	100	4”	-	-	2/15475	0,09	-	-

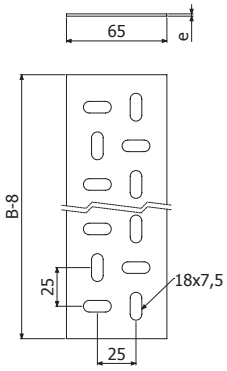
4/100 x B1 (2/4356 EZ // 2/6826 GC)



UCBS

	B		e	GC	
	mm	inch	mm	REF.	kg/m
UCBS 75	75	3"	1,5	2/14480	0,05
UCBS 100	100	4"	1,5	2/14481	0,07
UCBS 150	150	6"	1,5	2/14482	0,10
UCBS 225	225	9"	1,5	2/14483	0,16
UCBS 300	300	12"	1,5	2/14484	0,21
UCBS 450	450	18"	1,5	2/14485	0,32
UCBS 600	600	24"	1,5	2/14486	0,43
UCBS 750	750	30"	1,5	2/14487	0,53
UCBS 900	900	36"	1,5	2/14488	0,64

4/100 x B1 (2/6826 - GC)

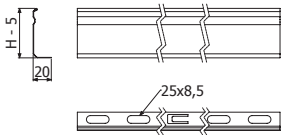


PS

	H		GS		GC		i316	
	mm	inch	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
PS 35	35	1 3/8"	2/3476	0,29	2/3479	0,29	2/15544	0,29
PS 60	60	2 3/8"	2/2066	0,34	2/3480	0,43	2/15545	0,34
PS 100	100	4”	2/3478	0,56	2/3482	0,76	2/5138	0,56

1/100 x B1 (500 ↔ 500 mm) (2/4356 - GS // 2/6826 - GC // 2/4925 - i304)

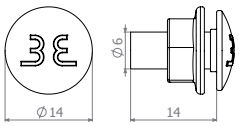
L = 3 m (10 ft)



B1

	EZ		GC	
	REF.	kg/ud	REF.	kg/ud
B1-100	2/4356	0,77	2/6826	0,77

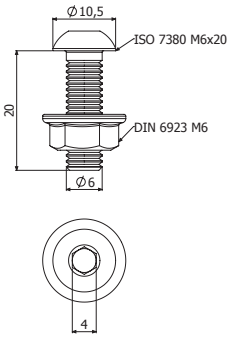
10

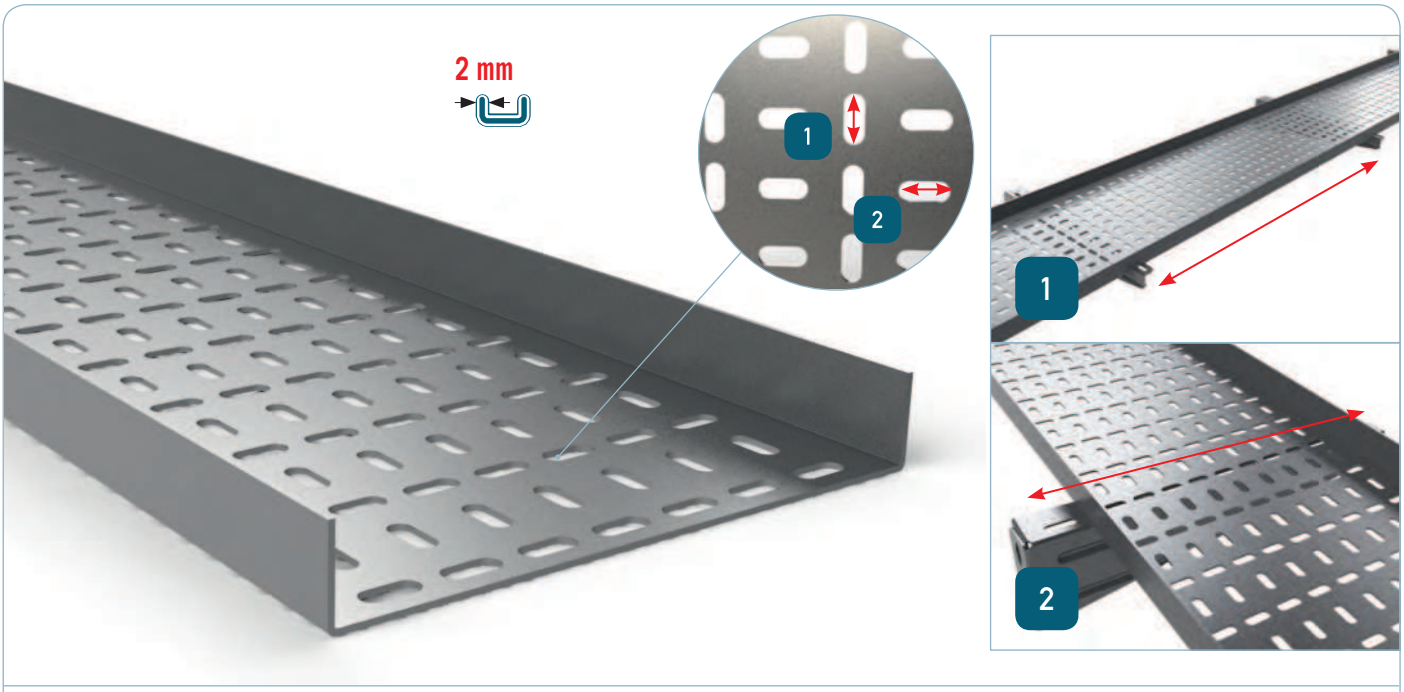


CT5

	i316	
	REF.	kg/ud
CT5 M6X20	2/11271	0,90

4 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

		Filling Area					
B		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"	-	-	-	-	190	29,4
500	20"	-	-	-	-	238	36,9
600	24"	-	-	-	-	286	44,3

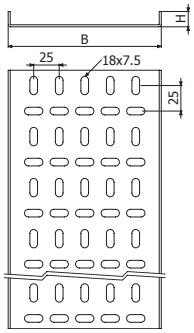
U H15

L = 2 m (6,56 ft)

2 mm

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 50x15x2 2M	50	2”	15	3/5”	2	2/0569	1,15
U 100x15x2 2M	100	4”	15	3/5”	2	2/0570	1,84
U 150x15x2 2M	150	6”	15	3/5”	2	2/0571	2,54
U 200x15x2 2M	200	8”	15	3/5”	2	2/0572	3,23
U 300x15x2 2M	300	12”	15	3/5”	2	2/0573	4,61

2 x JUE 12 (2/3186 - GC)



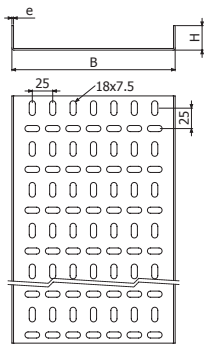
U H30

L = 3 m (10 ft)

2 mm

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 50x30x2 3M	50	2”	30	1 1/6”	2	2/0577	1,67
U 100x30x2 3M	100	4”	30	1 1/6”	2	2/0578	2,36
U 150x30x2 3M	150	6”	30	1 1/6”	2	2/0579	3,05
U 200x30x2 3M	200	8”	30	1 1/6”	2	2/0580	3,74
U 300x30x2 3M	300	12”	30	1 1/6”	2	2/0581	5,12
U 400x30x2 3M	400	16”	30	1 1/6”	2	2/0582	6,41
U 500x30x2 3M	500	20”	30	1 1/6”	2	2/0583	7,62
U 600x30x2 3M	600	24”	30	1 1/6”	2	2/0584	8,84

2 x JUE 25 (2/3187- GC)



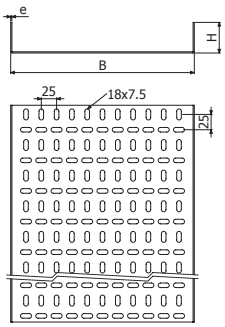
U H50

L = 3 m (10 ft)

2 mm

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
U 50x50x2 3M	50	2”	50	2”	2	2/0585	2,36
U 100x50x2 3M	100	4”	50	2”	2	2/0586	3,05
U 150x50x2 3M	150	6”	50	2”	2	2/0587	3,74
U 200x50x2 3M	200	8”	50	2”	2	2/0588	4,43
U 300x50x2 3M	300	12”	50	2”	2	2/0589	5,81
U 400x50x2 3M	400	16”	50	2”	2	2/0590	7,28
U 500x50x2 3M	500	20”	50	2”	2	2/0591	8,66
U 600x50x2 3M	600	24”	50	2”	2	2/0592	10,04

2 x JUE 45 (2/3655 - GC)



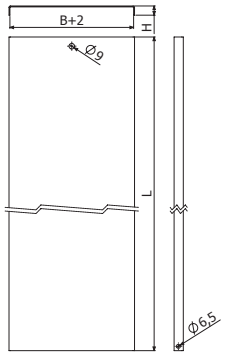
TU

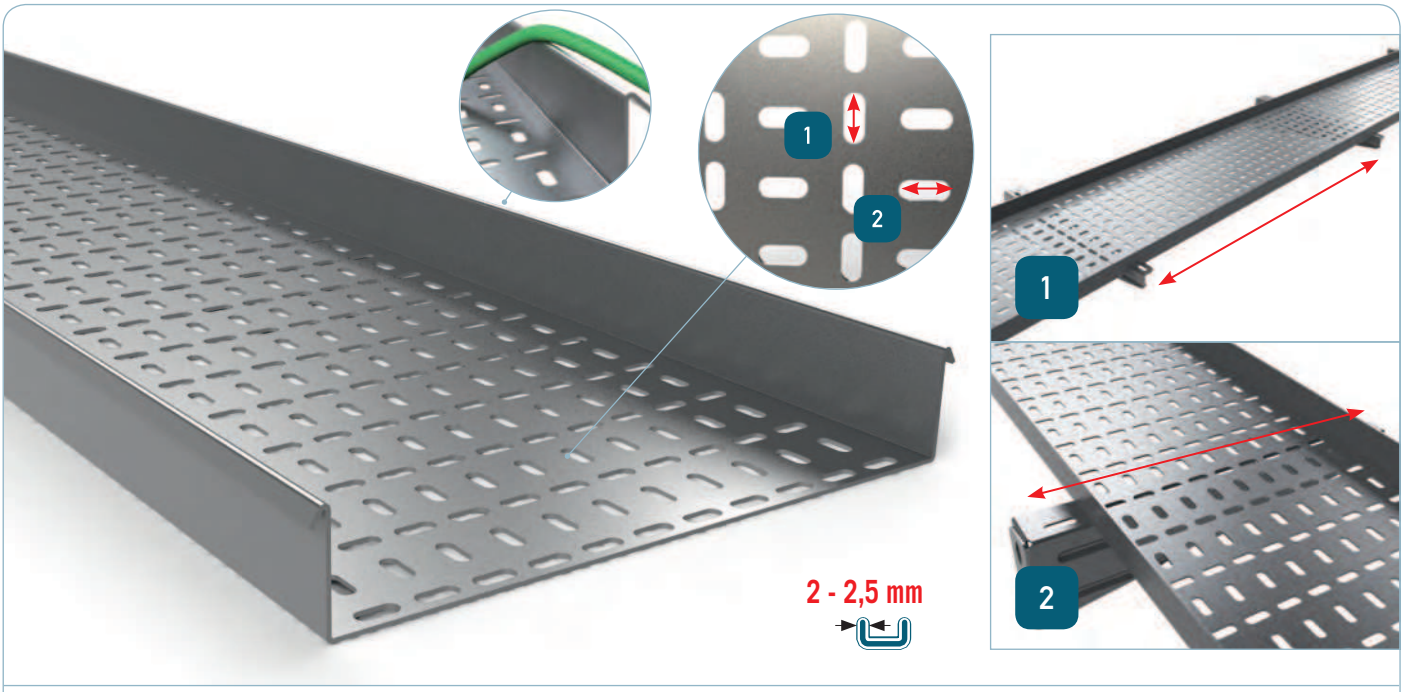
L = 3 m (10 ft)

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

1,5 mm

	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	2/3554	1,05
TU 100x1,5 3M	3	10	100	4”	15	3/5”	1,5	2/3553	1,68
TU 150x1,5 3M	3	10	150	6”	15	3/5”	1,5	2/4659	2,33
TU 200x1,5 3M	3	10	200	8”	15	3/5”	1,5	2/4894	2,97
TU 300x1,5 3M	3	10	300	12”	15	3/5”	1,5	2/4839	4,66
TU 400x1,5 3M	3	10	400	16”	15	3/5”	1,5	2/5791	5,57
TU 600x1,5 3M	3	10	600	24”	15	3/5”	1,5	2/4840	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

		Filling Area					
B		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"	**-**	-	**-**	-	**190**	29,4
500	20"	**-**	-	**-**	-	**238**	36,9
600	24"	**-**	-	**-**	-	**286**	44,3

OME H20 E2

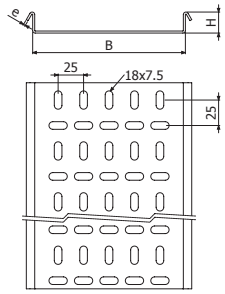
L = 3 m (10 ft)

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	2/0405	1,64
OME 100x20x2 3M	100	4”	20	4/5”	2	2/0406	2,32
OME 150x20x2 3M	150	6”	20	4/5”	2	2/0407	2,99
OME 200x20x2 3M	200	8”	20	4/5”	2	2/0408	3,67
OME 300x20x2 3M	300	12”	20	4/5”	2	2/0409	5,03

2 x JUE 12 (2/3186 - GC)

A OME = U



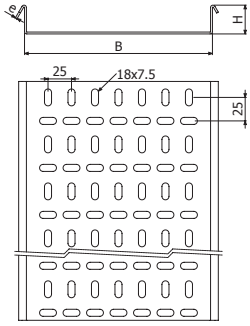
OME H30 E2

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	2/0414	2,65
OME 150x30x2 3M	150	6”	30	1 1/6”	2	2/5977	3,33
OME 200x30x2 3M	200	8”	30	1 1/6”	2	2/0416	4,00
OME 300x30x2 3M	300	12”	30	1 1/6”	2	2/0417	5,37

2 x JUE 25 (2/3186 - GC)

A OME = U



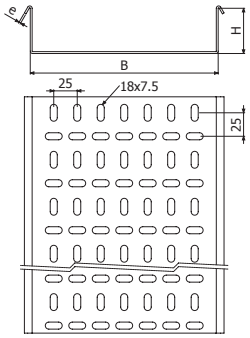
OME H50 E2

L = 3 m (10 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x50x2 3M	50	2”	50	2”	2	2/0421	2,65
OME 100x50x2 3M	100	4”	50	2”	2	2/0422	3,33
OME 150x50x2 3M	150	6”	50	2”	2	2/0423	4,01
OME 200x50x2 3M	200	8”	50	2”	2	2/0424	4,68
OME 300x50x2 3M	300	12”	50	2”	2	2/0425	6,04
OME 400x50x2 3M	400	16”	50	2”	2	2/0426	7,48
OME 500x50x2 3M	500	20”	50	2”	2	2/0427	8,84
OME 600x50x2 3M	600	24”	50	2”	2	2/3218	10,19

2 x JUE 45 (2/3186 - GC)

A OME = U



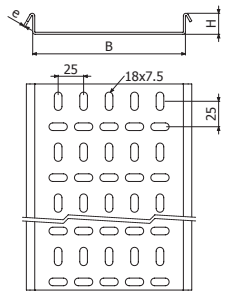
OME H20 E2,5

L = 2 m (6,56 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x20x2,5 2M	50	2”	20	4/5”	2,5	2/0446	1,98
OME 100x20x2,5 2M	100	4”	20	4/5”	2,5	2/0447	2,81
OME 150x20x2,5 2M	150	6”	20	4/5”	2,5	2/0448	3,64
OME 200x20x2,5 2M	200	8”	20	4/5”	2,5	2/0449	4,46
OME 300x20x2,5 2M	300	12”	20	4/5”	2,5	2/0450	6,12

2 x JUE 12 (2/3186 - GC)

A OME = U



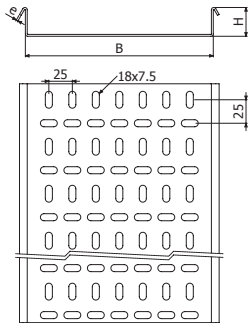
OME H30 E2,5

L = 2 m (6,56 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x30x2,5 2M	50	2”	30	1 1/6”	2,5	2/0454	2,39
OME 100x30x2,5 2M	100	4”	30	1 1/6”	2,5	2/0455	3,22
OME 150x30x2,5 2M	150	6”	30	1 1/6”	2,5	2/0456	4,05
OME 200x30x2,5 2M	200	8”	30	1 1/6”	2,5	2/0457	4,88
OME 300x30x2,5 2M	300	12”	30	1 1/6”	2,5	2/0458	6,53

2 x JUE 25 (2/3186 - GC)

A OME = U



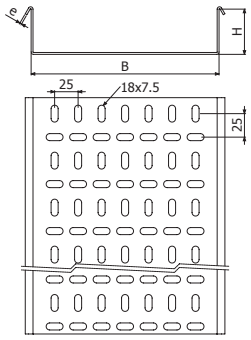
OME H50 E2,5

L =2 m (6,56 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x50x2,5 2M	50	2”	50	2”	2,5	2/0462	3,22
OME 100x50x2,5 2M	100	4”	50	2”	2,5	2/0463	4,04
OME 150x50x2,5 2M	150	6”	50	2”	2,5	2/0464	4,87
OME 200x50x2,5 2M	200	8”	50	2”	2,5	2/0465	5,70
OME 300x50x2,5 2M	300	12”	50	2”	2,5	2/0466	8,18
OME 400x50x2,5 2M	400	16”	50	2”	2,5	2/0467	10,15
OME 500x50x2,5 2M	500	20”	50	2”	2,5	2/0468	10,77
OME 600x50x2,5 2M	600	24”	50	2”	2,5	2/4505	12,42

2 x JUE 45 (2/3186 - GC)

A OME = U



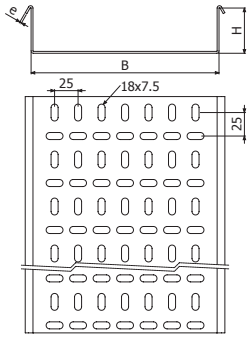
OME REPSOL

L = 2 m (6,56 ft)

	B		H		e	GC80	
	mm	inch	mm	inch	mm	REF.	(kg/m)
OME 50x30x2 2M	50	2”	50	2”	2	2/0413	1,98
OME 100x30x2 2M	100	4”	50	2”	2	2/5513	2,65
OME 150x30x2 2M	150	6”	50	2”	2	2/0415	3,33
OME 200x50x2 2M	200	8”	50	2”	2	2/3219	4,77
OME 300x50x2,5 2M	300	12”	50	2”	2,5	2/0466	8,18
OME 400x50x2,5 2M	400	16”	50	2”	2,5	2/0467	10,15
OME 600x50x2,5 2M	600	24”	50	2”	2,5	2/4505	12,42

2 x JUE 25/45 (2/3186 - GC)

A OME = U



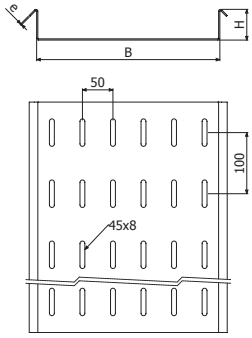
OMEL REPSOL ED-P 11.02-1

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	2/5968	2,81
OMEL 200x50x2 2M	200	8”	50	2”	2	2/5967	4,93
OMEL 300x50x2,5 2M	300	12”	50	2”	2,5	2/5966	7,98
OMEL 400x50x2,5 2M	400	16”	50	2”	2,5	2/5965	9,81
OMEL 600x50x2,5 2M	600	24”	50	2”	2,5	2/6338	13,46

2 x JUE 25/45 (2/3186 - GC)

A OME = U

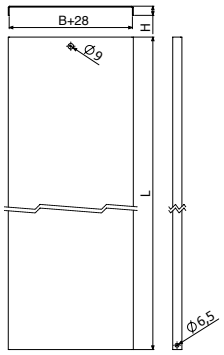


TOME

L = 3 m (10 ft)

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

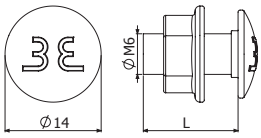
	L		B		H		e	GC	
	m	ft	mm	inch	mm	inch	mm	REF.	(kg/m)
TOME 50x2 2M	2	6,56	50	2”	15	3/5”	2	2/5692	1,68
TOME 100x2 3M	3	10	100	4”	15	3/5”	2	2/4865	2,53
TOME 150x2 3M	3	10	150	6”	15	3/5”	2	2/4973	3,37
TOME 200x2 3M	3	10	200	8”	15	3/5”	2	2/4974	4,22
TOME 300x2 3M	3	10	300	12”	15	3/5”	2	2/4864	5,86
TOME 400x2 3M	3	10	400	16”	15	3/5”	2	2/4977	7,59
TOME 500x2 3M	3	10	500	20”	15	3/5”	2	2/4978	9,18
TOME 600x2 3M	3	10	600	24”	15	3/5”	2	2/4979	10,90



B1

	L	Pap	GC		i304	
	mm	Nm	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	2/6826	0,77	-	-
B1-100	20	6	-	-	2/4925	0,79

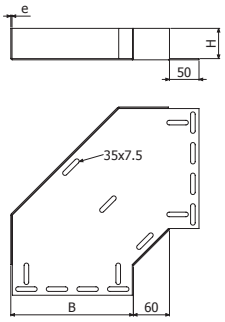
10



CPU

	B		H		GC			
					e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)
CPU 50x15xe	50	2"	15	3/5"	2/2069	0,21	-	-
CPU 100x15xe	100	4"	15	3/5"	2/2070	0,47	-	-
CPU 150x15xe	150	6"	15	3/5"	2/2071	0,81	-	-
CPU 200x15xe	200	8"	15	3/5"	2/2072	1,22	-	-
CPU 300x15xe	300	12"	15	3/5"	2/2073	2,24	-	-
CPU 50x30xe	50	2"	30	1 1/6"	2/2077	0,28	2/2167	0,33
CPU 100x30xe	100	4"	30	1 1/6"	2/2078	0,56	2/2168	0,66
CPU 150x30xe	150	6"	30	1 1/6"	2/2079	0,92	2/2169	1,08
CPU 200x30xe	200	8"	30	1 1/6"	2/2080	1,34	2/2170	1,57
CPU 300x30xe	300	12"	30	1 1/6"	2/2081	2,41	2/2171	2,83
CPU 400x30xe	400	16"	30	1 1/6"	2/2082	3,48	2/2172	4,09
CPU 500x30xe	500	20"	30	1 1/6"	2/2083	4,55	2/2173	5,34
CPU 600x30xe	600	24"	30	1 1/6"	2/2084	5,62	2/2174	6,60
CPU 50x50xe	50	2"	50	2"	2/2085	0,36	2/2175	0,42
CPU 100x50xe	100	4"	50	2"	2/2086	0,67	2/2176	0,79
CPU 150x50xe	150	6"	50	2"	2/2087	1,06	2/2177	1,24
CPU 200x50xe	200	8"	50	2"	2/2088	1,51	2/2178	1,77
CPU 300x50xe	300	12"	50	2"	2/2089	2,64	2/2179	3,10
CPU 400x50xe	400	16"	50	2"	2/2090	4,04	2/2180	4,89
CPU 500x50xe	500	20"	50	2"	2/2091	5,73	2/2181	6,89
CPU 600x50xe	600	24"	50	2"	2/2092	7,70	2/2182	8,88

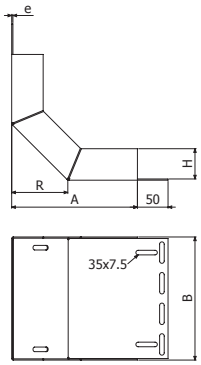
4/100 x B1 (2/6826 - GC)



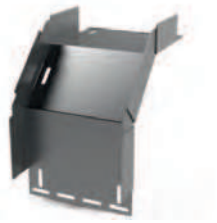
CCU

	B		H		GC			
					e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)
CCU 50x15xe	50	2"	15	3/5"	2/2249	0,40	-	-
CCU 100x15xe	100	4"	15	3/5"	2/2250	0,73	-	-
CCU 150x15xe	150	6"	15	3/5"	2/2251	1,14	-	-
CCU 200x15xe	200	8"	15	3/5"	2/2252	1,60	-	-
CCU 300x15xe	300	12"	15	3/5"	2/2253	3,21	-	-
CCU 50x30xe	50	2"	30	1 1/6"	2/2257	0,51	2/2347	0,69
CCU 100x30xe	100	4"	30	1 1/6"	2/2258	0,83	2/2348	1,06
CCU 150x30xe	150	6"	30	1 1/6"	2/2259	1,26	2/2349	1,54
CCU 200x30xe	200	8"	30	1 1/6"	2/2260	1,74	2/2350	2,12
CCU 300x30xe	300	12"	30	1 1/6"	2/2261	3,41	2/2351	4,16
CCU 400x30xe	400	16"	30	1 1/6"	2/2262	4,80	2/2352	5,86
CCU 500x30xe	500	20"	30	1 1/6"	2/2263	6,30	2/2353	7,69
CCU 600x30xe	600	24"	30	1 1/6"	2/2264	7,80	2/2354	9,52
CCU 50x50xe	50	2"	50	2"	2/2265	0,60	2/2355	0,83
CCU 100x50xe	100	4"	50	2"	2/2266	0,92	2/2356	1,19
CCU 150x50xe	150	6"	50	2"	2/2267	1,37	2/2357	1,80
CCU 200x50xe	200	8"	50	2"	2/2268	1,87	2/2358	2,41
CCU 300x50xe	300	12"	50	2"	2/2269	3,64	2/2359	4,35
CCU 400x50xe	400	16"	50	2"	2/2270	5,06	2/2360	6,01
CCU 500x50xe	500	20"	50	2"	2/2271	6,65	2/2361	8,50
CCU 600x50xe	600	24"	50	2"	2/2272	9,35	2/2362	10,99

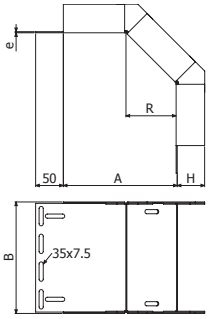
4/100 x B1 (2/6826 - GC)



CXU



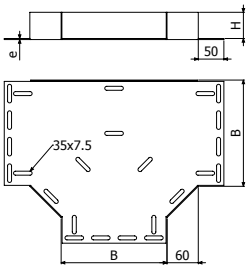
	B		H		GC			
					e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)
CXU 50x15xe	50	2"	15	3/5"	2/2429	0,42	-	-
CXU 100x15xe	100	4"	15	3/5"	2/2430	0,70	-	-
CXU 150x15xe	150	6"	15	3/5"	2/2431	1,07	-	-
CXU 200x15xe	200	8"	15	3/5"	2/2432	1,49	-	-
CXU 300x15xe	300	12"	15	3/5"	2/2433	2,94	-	-
CXU 50x30xe	50	2"	30	1 1/6"	2/2437	0,61	2/2527	0,89
CXU 100x30xe	100	4"	30	1 1/6"	2/2438	0,89	2/2528	1,07
CXU 150x30xe	150	6"	30	1 1/6"	2/2439	1,27	2/2529	1,52
CXU 200x30xe	200	8"	30	1 1/6"	2/2440	1,71	2/2530	2,05
CXU 300x30xe	300	12"	30	1 1/6"	2/2441	3,29	2/2531	3,95
CXU 400x30xe	400	16"	30	1 1/6"	2/2442	4,40	2/2532	5,28
CXU 500x30xe	500	20"	30	1 1/6"	2/2443	5,55	2/2533	6,66
CXU 600x30xe	600	24"	30	1 1/6"	2/2444	6,70	2/2534	8,04
CXU 50x50xe	50	2"	50	2"	2/2445	0,86	2/2535	1,03
CXU 100x50xe	100	4"	50	2"	2/2446	1,14	2/2536	1,37
CXU 150x50xe	150	6"	50	2"	2/2447	1,55	2/2537	1,86
CXU 200x50xe	200	8"	50	2"	2/2448	2,00	2/2538	2,45
CXU 300x50xe	300	12"	50	2"	2/2449	3,69	2/2539	4,02
CXU 400x50xe	400	16"	50	2"	2/2450	4,86	2/2540	5,38
CXU 500x50xe	500	20"	50	2"	2/2451	6,43	2/2541	7,74
CXU 600x50xe	600	24"	50	2"	2/2452	8,92	2/2542	10,1



4/100 x B1 (2/6826 - GC)

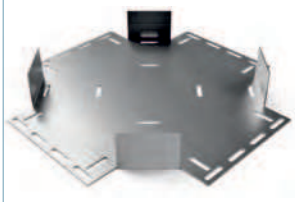
TEU

	B		H		GC			
					e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)
TEU 50x15xe	50	2"	15	3/5"	2/2789	0,41	-	-
TEU 100x15xe	100	4"	15	3/5"	2/2790	0,79	-	-
TEU 150x15xe	150	6"	15	3/5"	2/2791	1,27	-	-
TEU 200x15xe	200	8"	15	3/5"	2/2792	1,82	-	-
TEU 300x15xe	300	12"	15	3/5"	2/2793	3,19	-	-
TEU 50x30xe	50	2"	30	1 1/6"	2/2797	0,49	2/2888	0,58
TEU 100x30xe	100	4"	30	1 1/6"	2/2798	0,88	2/2889	1,07
TEU 150x30xe	150	6"	30	1 1/6"	2/2799	1,38	2/2890	1,66
TEU 200x30xe	200	8"	30	1 1/6"	2/2800	1,95	2/2891	2,34
TEU 300x30xe	300	12"	30	1 1/6"	2/2801	3,35	2/2892	4,02
TEU 400x30xe	400	16"	30	1 1/6"	2/2802	5,01	2/2893	6,01
TEU 500x30xe	500	20"	30	1 1/6"	2/2803	7,18	2/2894	8,62
TEU 600x30xe	600	24"	30	1 1/6"	2/2804	9,59	2/2895	11,51
TEU 50x50xe	50	2"	50	2"	2/2805	0,60	2/2896	0,72
TEU 100x50xe	100	4"	50	2"	2/2806	1,01	2/2897	1,21
TEU 150x50xe	150	6"	50	2"	2/2807	1,52	2/2898	1,82
TEU 200x50xe	200	8"	50	2"	2/2808	2,11	2/2899	2,43
TEU 300x50xe	300	12"	50	2"	2/2809	3,54	2/2900	4,11
TEU 400x50xe	400	16"	50	2"	2/2810	5,33	2/2901	6,78
TEU 500x50xe	500	20"	50	2"	2/2811	7,44	2/2902	9,05
TEU 600x50xe	600	24"	50	2"	2/2812	9,89	2/2903	11,45

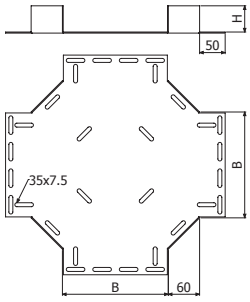


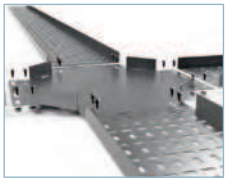
4/100 x B1 (2/6826 - GC)

CRU



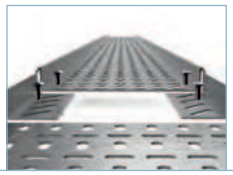
	B		H		GC			
					e=2mm		e=2,5mm	
	mm	inch	mm	inch	REF.	(kg/ud)	REF.	(kg/ud)
CRU 50x15xe	50	2"	15	3/5"	2/2609	0,53	-	-
CRU 100x15xe	100	4"	15	3/5"	2/2610	1,07	-	-
CRU 150x15xe	150	6"	15	3/5"	2/2611	1,61	-	-
CRU 200x15xe	200	8"	15	3/5"	2/2612	2,17	-	-
CRU 300x15xe	300	12"	15	3/5"	2/2613	3,68	-	-
CRU 50x30xe	50	2"	30	1 1/6"	2/2617	0,62	2/2707	0,74
CRU 100x30xe	100	4"	30	1 1/6"	2/2618	1,07	2/2708	1,28
CRU 150x30xe	150	6"	30	1 1/6"	2/2619	1,61	2/2709	1,93
CRU 200x30xe	200	8"	30	1 1/6"	2/2620	2,25	2/2710	2,70
CRU 300x30xe	300	12"	30	1 1/6"	2/2621	3,77	2/2711	4,52
CRU 400x30xe	400	16"	30	1 1/6"	2/2622	5,29	2/2712	6,35
CRU 500x30xe	500	20"	30	1 1/6"	2/2623	6,81	2/2713	8,17
CRU 600x30xe	600	24"	30	1 1/6"	2/2624	8,33	2/2714	10,00
CRU 50x50xe	50	2"	50	2"	2/2625	0,73	2/2715	0,88
CRU 100x50xe	100	4"	50	2"	2/2626	1,19	2/2716	1,43
CRU 150x50xe	150	6"	50	2"	2/2627	1,73	2/2717	2,08
CRU 200x50xe	200	8"	50	2"	2/2628	2,37	2/2718	2,84
CRU 300x50xe	300	12"	50	2"	2/2629	3,89	2/2719	4,67
CRU 400x50xe	400	16"	50	2"	2/2630	5,74	2/2720	7,17
CRU 500x50xe	500	20"	50	2"	2/2631	7,94	2/2721	9,53
CRU 600x50xe	600	24"	50	2"	2/2632	10,48	2/2722	13,10





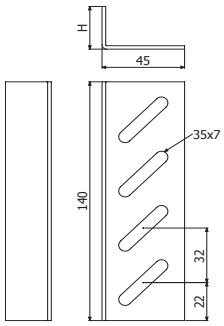
4/100 x B1 (2/6826 - GC)

JUE



	H		e		GC	
	mm	inch	mm	Ga	REF.	(kg/ud)
JUE 12	12	1/2"	1,5	16	2/3186	0,09
JUE 25	25	1"	1,5	16	2/3187	0,13
JUE 45	45	1 7/9"	1,5	16	2/3655	0,16

2/100 x B1 (2/6826 - GC)

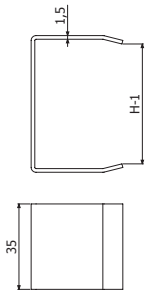


PTU

	H		i304	
	mm	inch	REF.	kg/ud
PTU 30	30	1 1/6"	2/4626	0,05
PTU 50	50	2"	2/3465	0,06

IK10

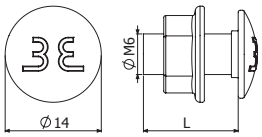
4 x PTU => 1 x TU

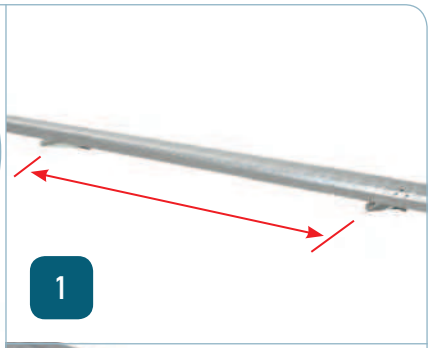


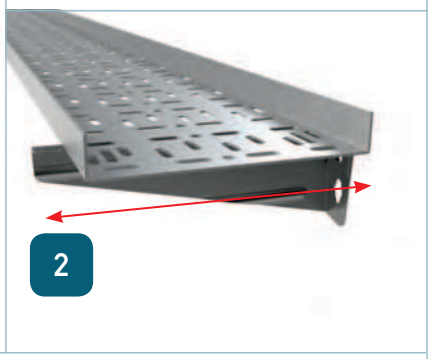
B1

	L	Pap	GC		i304	
	mm	Nm	REF.	kg/ud	REF.	kg/ud
B1-100	14	6	2/6826	0,77	-	-
B1-100	20	6	-	-	2/4925	0,79

10







L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

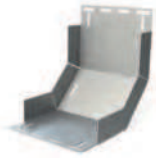
150°C
-50°C
UNE-EN 61537

>8
UNE-EN 61537

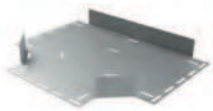
20J
UNE-EN 61537

AL x3 GS GC i304


CPU AL

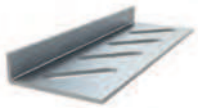

CCU AL


CXU AL


TEU AL


CRU AL


KUC AL


JUE AL


B1 i304

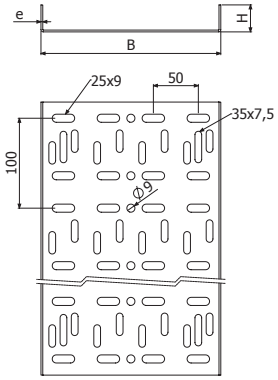
		Filling Area									
		1,5 mm		2 mm				2,5 mm			
B		H30 (1 1/6")		H15 (3/5")		H30 (1 1/6")		H30 (1 1/6")		H60 (2 3/8")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²	cm²	in²
50	2"	13,4	2,1	-	-	12,9	2,0	-	-	25,9	4,0
100	4"	27,6	4,3	12,5	1,9	26,9	4,2	26,1	4,0	54,6	8,5
150	6"	41,9	6,5	19,0	2,9	40,9	6,3	-	-	-	-
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	2/3540	0,45
U 100x30x1,5	100	4”	30	1 1/6	1,5	2/3541	0,65
U 150x30x1,5	150	6”	30	1 1/6	1,5	2/3207	0,85
U 200x30x1,5	200	8”	30	1 1/6	1,5	2/4905	1,05
U 300x30x1,5	300	12”	30	1 1/6	1,5	2/4906	1,46

2 x JUE 25 (2/3189 - AL)

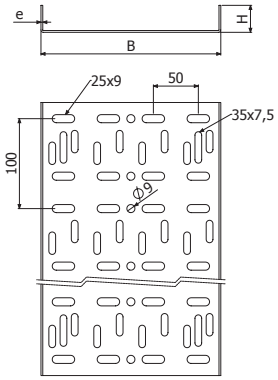


U H15 E2

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	2/0615	0,70
U 150x15x2	150	6”	15	3/5”	2	2/0616	0,97
U 200x15x2	200	8”	15	3/5”	2	2/0617	1,24
U 300x15x2	300	12”	15	3/5”	2	2/0618	1,78

2 x JUE 12 (2/3188 - AL)

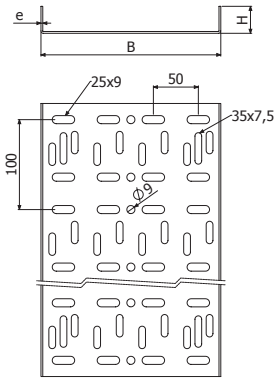


U H30 E2

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	2/0622	0,59
U 100x30x2	100	4”	30	1 1/6	2	2/0623	0,86
U 150x30x2	150	6”	30	1 1/6	2	2/0624	1,13
U 200x30x2	200	8”	30	1 1/6	2	2/0625	1,40
U 300x30x2	300	12”	30	1 1/6	2	2/0626	1,94

2 x JUE 25 (2/3189 - AL)

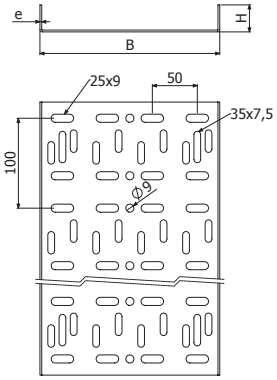


U H30 E2,5

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	2/0713	1,08
U 200x30x2,5	200	8”	30	1 1/6”	2,5	2/0715	1,76
U 300x30x2,5	300	12”	30	1 1/6”	2,5	2/0716	2,43
U 400x30x2,5	400	16”	30	1 1/6”	2,5	2/0717	3,11
U 600x30x2,5	600	24”	30	1 1/6”	2,5	2/0719	4,46

KUC 30 (2/5646)

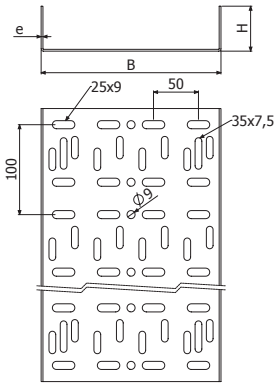


U H60 E2,5

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	2/6261	1,15
U 100x60x2,5	100	4”	60	2 3/8”	2,5	2/0728	1,49
U 200x60x2,5	200	8”	60	2 3/8”	2,5	2/0730	2,16
U 300x60x2,5	300	12”	60	2 3/8”	2,5	2/0731	2,84
U 400x60x2,5	400	16”	60	2 3/8”	2,5	2/0732	3,51
U 600x60x2,5	600	24”	60	2 3/8”	2,5	2/0734	4,86

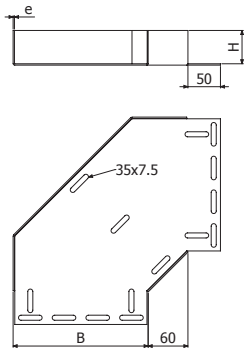
KUC 60 (2/5725)



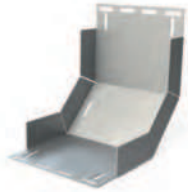
CPU E2,5

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPU 100x30x2,5	100	4”	30	1 1/6”	2,5	2/2213	0,23
CPU 200x30x2,5	200	8”	30	1 1/6”	2,5	2/2215	0,54
CPU 300x30x2,5	300	12”	30	1 1/6”	2,5	2/2216	0,97
CPU 400x30x2,5	400	16”	30	1 1/6”	2,5	2/2217	1,51
CPU 600x30x2,5	600	24”	30	1 1/6”	2,5	2/2219	2,93
CPU 50x60x2,5	50	2”	60	2 3/8”	2,5	2/6266	0,17
CPU 100x60x2,5	100	4”	60	2 3/8”	2,5	2/2228	0,29
CPU 200x60x2,5	200	8”	60	2 3/8”	2,5	2/2230	0,64
CPU 300x60x2,5	300	12”	60	2 3/8”	2,5	2/2231	1,11
CPU 400x60x2,5	400	16”	60	2 3/8”	2,5	2/2232	1,68
CPU 600x60x2,5	600	24”	60	2 3/8”	2,5	2/2234	3,16

4/100 x B1 (2/4925-i304)

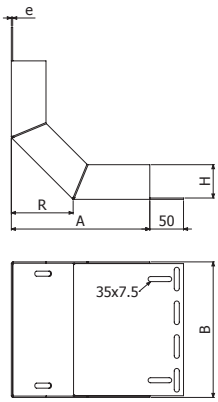


CCU E2,5

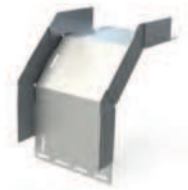


	B		H		e	R		A		AL	
	mm	inch	mm	inch	mm	mm	inch	mm	inch	REF.	kg/ud
CCU 100x30x2,5	100	4”	30	1 1/6”	2,5	80	3 1/7”	173	6 4/5”	2/2393	0,36
CCU 200x30x2,5	200	8”	30	1 1/6”	2,5	90	3 1/2”	203	8”	2/2395	0,72
CCU 300x30x2,5	300	12”	30	1 1/6”	2,5	130	5 1/8”	294	11 4/7”	2/2396	1,40
CCU 400x30x2,5	400	16”	30	1 1/6”	2,5	160	6 2/7”	324	12 3/4”	2/2397	1,95
CCU 600x30x2,5	600	24”	30	1 1/6”	2,5	220	8 2/3”	434	17”	2/2399	3,63
CCU 50x60x2,5	50	2”	60	2 3/8”	2,5	80	3 1/7”	173	6 4/5”	2/6267	0,35
CCU 100x60x2,5	100	4”	60	2 3/8”	2,5	80	3 1/7”	173	6 4/5”	2/2408	0,44
CCU 200x60x2,5	200	8”	60	2 3/8”	2,5	90	3 1/2”	203	8”	2/2410	0,83
CCU 300x60x2,5	300	12”	60	2 3/8”	2,5	130	5 1/8”	294	11 4/7”	2/2411	1,57
CCU 400x60x2,5	400	16”	60	2 3/8”	2,5	160	6 2/7”	324	12 3/4”	2/2412	2,15
CCU 600x60x2,5	600	24”	60	2 3/8”	2,5	220	8 2/3”	434	17”	2/2414	3,90

4/100 x B1 (2/4925-i304)

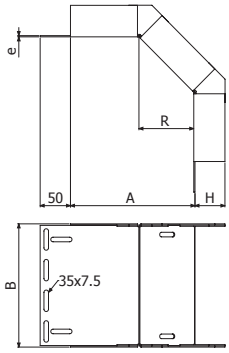


CXU E2,5

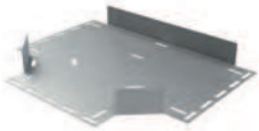


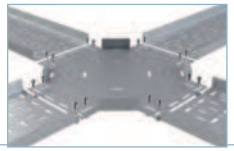
	B		H		e	R		A		AL	
	mm	inch	mm	inch	mm	mm	inch	mm	inch	REF.	kg/ud
CXU 100x30x2,5	100	4”	30	1 1/6”	2,5	60	2 3/8”	141	5 5/9”	2/2573	0,33
CXU 200x30x2,5	200	8”	30	1 1/6”	2,5	75	3”	176	7”	2/2575	0,63
CXU 300x30x2,5	300	12”	30	1 1/6”	2,5	110	4 1/3”	262	10 1/3”	2/2576	1,16
CXU 400x30x2,5	400	16”	30	1 1/6”	2,5	115	4 1/2”	277	11”	2/2577	1,61
CXU 600x30x2,5	600	24”	30	1 1/6”	2,5	160	6 2/7”	382	15”	2/2579	2,95
CXU 50x60x2,5	50	2”	60	2 3/8”	2,5	60	2 3/8”	141	5 5/9”	2/6268	0,37
CXU 100x60x2,5	100	4”	60	2 3/8”	2,5	60	2 3/8”	141	5 5/9”	2/2588	0,47
CXU 200x60x2,5	200	8”	60	2 3/8”	2,5	75	3”	176	7”	2/2590	0,78
CXU 300x60x2,5	300	12”	60	2 3/8”	2,5	110	4 1/3”	262	10 1/3”	2/2591	1,37
CXU 400x60x2,5	400	16”	60	2 3/8”	2,5	115	4 1/2”	277	11”	2/2592	1,83
CXU 600x60x2,5	600	24”	60	2 3/8”	2,5	160	6 2/7”	382	15”	2/2594	3,23

4/100 x B1 (2/4925-i304)



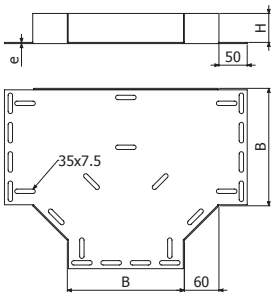
TEU E2,5





	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
TEU 100x30x2,5	100	4”	30	1 1/6”	2,5	2/2935	0,36
TEU 200x30x2,5	200	8”	30	1 1/6”	2,5	2/2937	0,78
TEU 300x30x2,5	300	12”	30	1 1/6”	2,5	2/2938	1,34
TEU 400x30x2,5	400	16”	30	1 1/6”	2,5	2/2939	2,05
TEU 600x30x2,5	600	24”	30	1 1/6”	2,5	2/2941	3,84
TEU 50x60x2,5	50	2”	60	2 3/8”	2,5	2/6270	0,37
TEU 100x60x2,5	100	4”	60	2 3/8”	2,5	2/2950	0,44
TEU 200x60x2,5	200	8”	60	2 3/8”	2,5	2/2952	0,88
TEU 300x60x2,5	300	12”	60	2 3/8”	2,5	2/2953	1,46
TEU 400x60x2,5	400	16”	60	2 3/8”	2,5	2/2954	2,18
TEU 600x60x2,5	600	24”	60	2 3/8”	2,5	2/2956	4,02

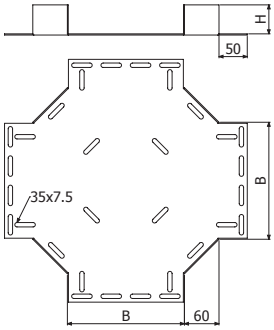
4/100 x B1 (2/4925-i304)



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	2/2753	0,43
CRU 200x30x2,5	200	8”	30	1 1/6”	2,5	2/2755	0,91
CRU 300x30x2,5	300	12”	30	1 1/6”	2,5	2/2756	1,51
CRU 400x30x2,5	400	16”	30	1 1/6”	2,5	2/2757	2,26
CRU 600x30x2,5	600	24”	30	1 1/6”	2,5	2/2759	4,15
CRU 50x60x2,5	50	2”	60	2 3/8”	2,5	-	0,40
CRU 100x60x2,5	100	4”	60	2 3/8”	2,5	2/2768	0,51
CRU 200x60x2,5	200	8”	60	2 3/8”	2,5	2/2770	0,97
CRU 300x60x2,5	300	12”	60	2 3/8”	2,5	2/2771	1,58
CRU 400x60x2,5	400	16”	60	2 3/8”	2,5	2/2772	2,32
CRU 600x60x2,5	600	24”	60	2 3/8”	2,5	2/2774	4,21

4/100 x B1 (2/4925-i304)

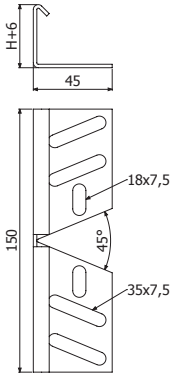


KUC E2,5

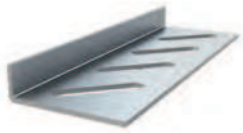
	H		e	AL	
	mm	inch	mm	REF.	kg/ud
KUC 30	30	1 1/6”	2	2/5646	0,16
KUC 60	60	2 3/8”	2	2/5725	0,23

2 x JU + 4/100 x B1 (2/4925-i304)

0 →45º

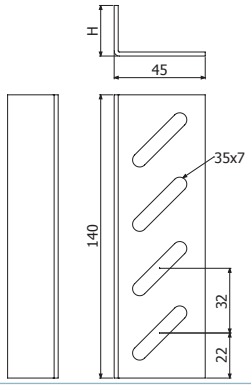


JUE



	H		e	AL	
	mm	inch	mm	REF.	kg/ud
JUE 12	12	1/2”	2	2/3188	0,05
JUE 25	25	1 “	2	2/3189	0,06

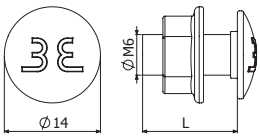
2/100 x B1 (2/4925-i304)

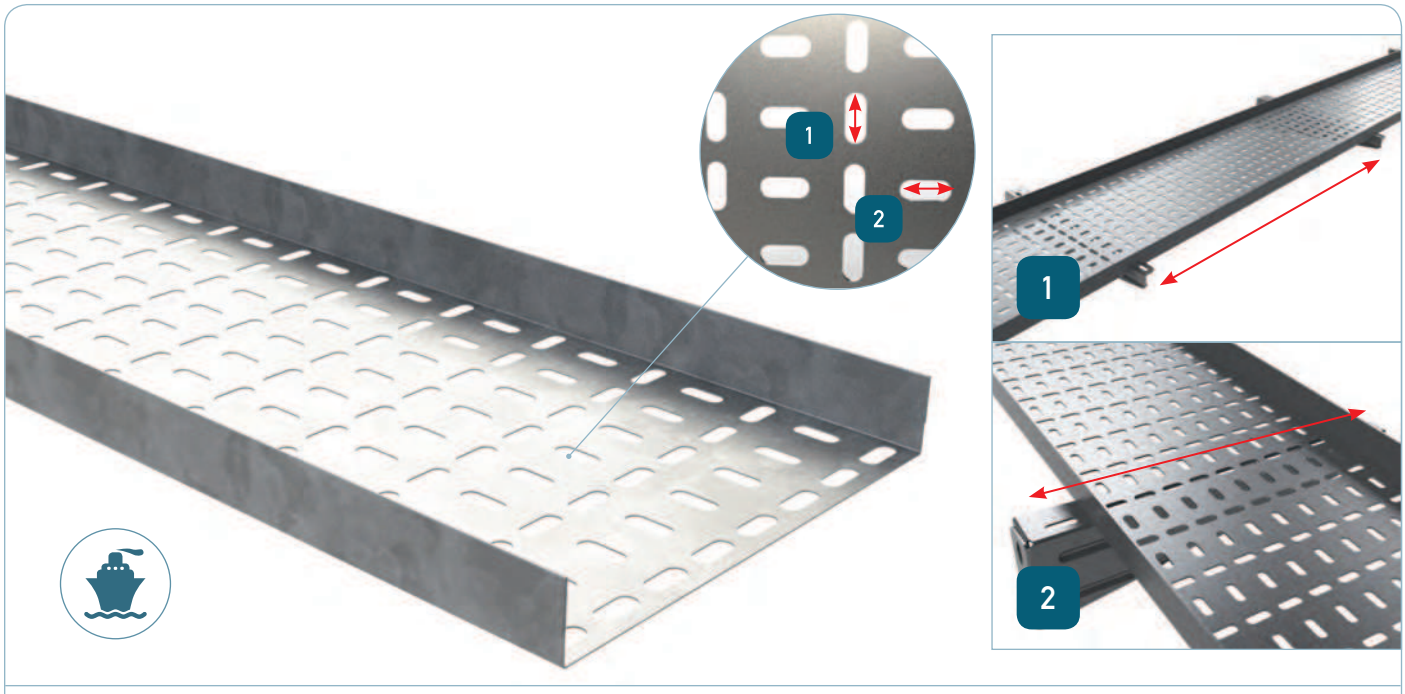


B1

	L	Pap	i304	
	mm	Nm	REF.	kg/ud
B1-100	20	6	2/4925	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

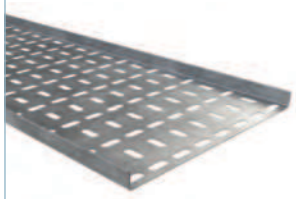
20J
UNE-EN 61537


CPEB


JUEB

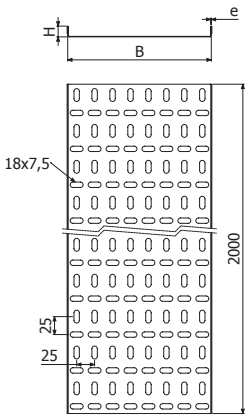
		Filling Area					
B		H10 (1/3")		H15 (3/5")		H30 (1 1/6")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
50	2"	**45,2**	7,0	**69,5**	10,8	**142,4**	22,1
80	3"	**73,1**	11,3	**112,4**	17,4	**230,3**	35,7
100	4"	**91,7**	14,2	**141,0**	21,9	**288,9**	44,8
150	6"	**138,2**	21,4	**212,5**	32,9	**435,4**	67,5
200	8"	**184,7**	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	2/17173	0,45	2/17183	0,45
EB 80X10	80	3"	10	1/3"	0,70	2/17174	0,62	2/17184	0,62
EB 100X15	100	4"	15	3/5"	0,70	2/17175	0,82	2/17185	0,82
EB 150X15	150	6"	15	3/5"	0,70	2/17176	1,10	2/17186	1,10
EB 200X15	200	8"	15	3/5"	0,70	2/17177	1,38	2/17187	1,38
EB 250X30	250	10"	30	1 1/6"	0,80	2/17178	2,20	2/17188	2,20
EB 300X30	300	12"	30	1 1/6"	0,80	2/17179	2,52	2/17189	2,52
EB 400X30	400	16"	30	1 1/6"	0,80	2/17180	3,16	2/17190	3,16
EB 500X30	500	20"	30	1 1/6"	1,00	2/17181	4,74	2/17191	4,74
EB 600X30	600	24"	30	1 1/6"	1,00	2/17182	5,54	2/17192	5,54

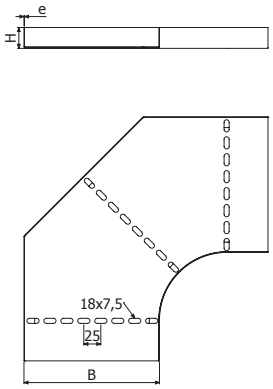
2 x JUEB



CPEB

	B		H		e	GS		i304	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/m
CPEB 50X10	50	2"	10	1/3"	0,70	2/17193	0,42	2/17203	0,42
CPEB 80X10	80	3"	10	1/3"	0,70	2/17194	0,55	2/17204	0,55
CPEB 100X15	100	4"	15	3/5"	0,70	2/17195	0,65	2/17205	0,65
CPEB 150X15	150	6"	15	3/5"	0,70	2/17196	0,92	2/17206	0,92
CPEB 200X15	200	8"	15	3/5"	0,70	2/17197	1,24	2/17207	1,24
CPEB 250X30	250	10"	30	1 1/6"	0,80	2/17198	1,61	2/17208	1,61
CPEB 300X30	300	12"	30	1 1/6"	0,80	2/17199	2,03	2/17209	2,03
CPEB 400X30	400	16"	30	1 1/6"	0,80	2/17200	3,01	2/17210	3,01
CPEB 500X30	500	20"	30	1 1/6"	1,00	2/17201	4,18	2/17211	4,18
CPEB 600X30	600	24"	30	1 1/6"	1,00	2/17202	5,54	2/17212	5,54

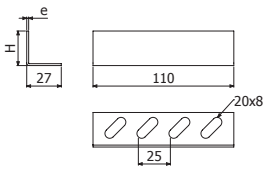
2 x JUEB



JUEB

	H		e	GS		i304	
	mm	inch	mm	REF.	kg/ud	REF.	kg/m
JUEB 10-15	10	3/8"	1,5	2/17269	0,03	2/17271	0,03
JUEB 30	30	1 5/32"	1,5	2/17270	0,06	2/17272	0,06

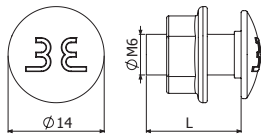
2/100 x B1 (2/4356 - GS // 2/4925 - i304)

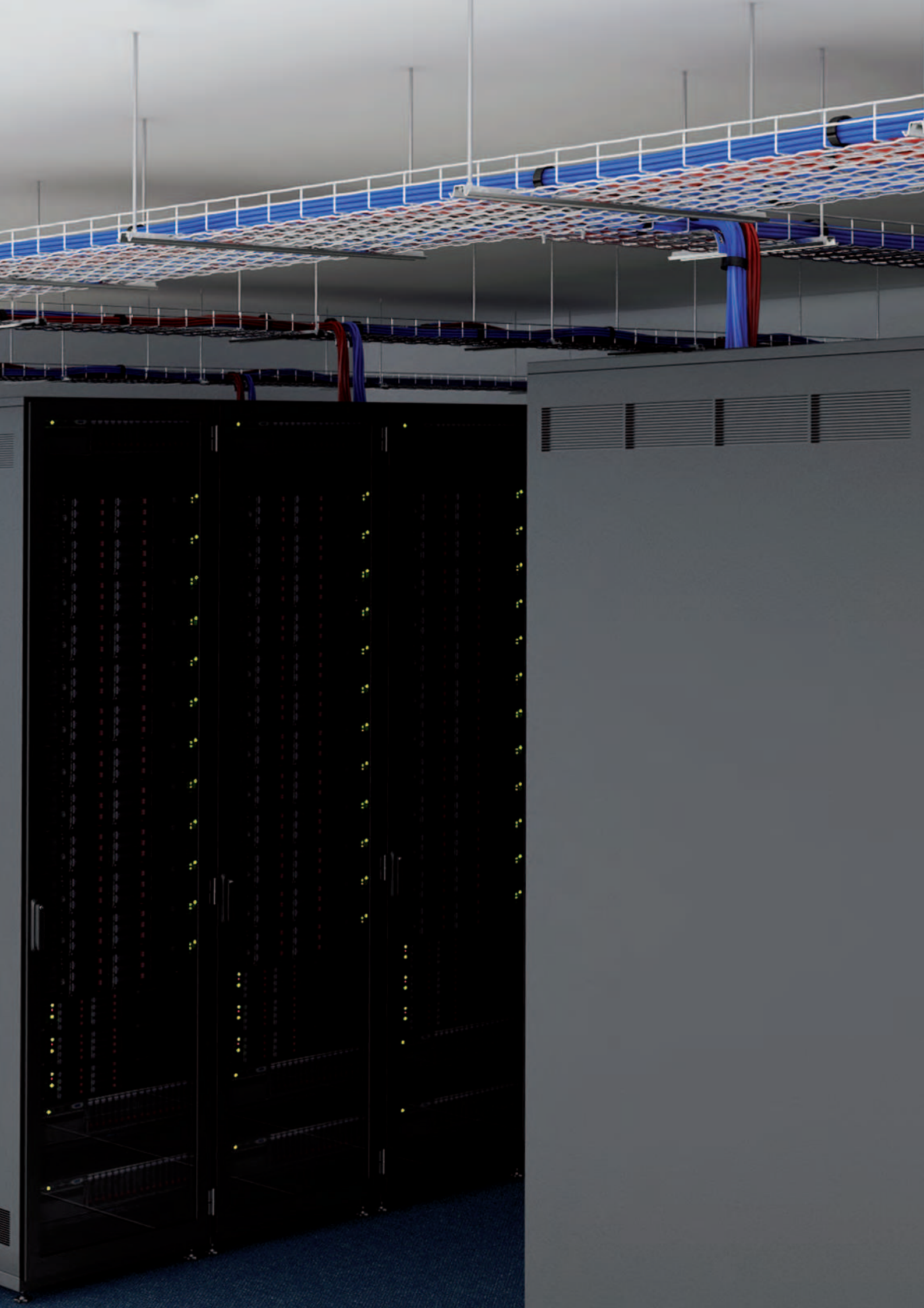


B1

	L	Pap	EZ		i304	
	mm	Nm	REF.	kg/ud	REF.	kg/m
B1-100	14	6	2/4356	0,77	-	-
B1-100	20	6	-	-	2/4925	0,79

10





basorfil

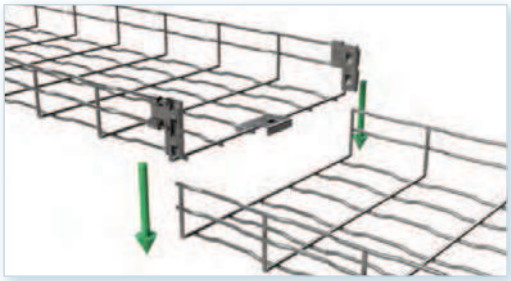
L > 100 m*
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

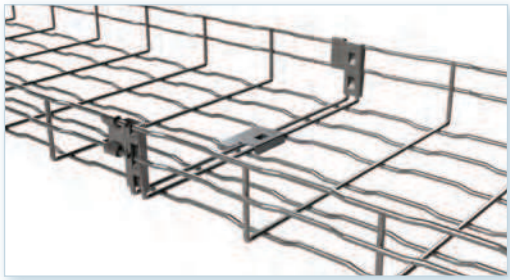
150°C
-50°C
UNE-EN 61537

3 8+ 9C
UNE-EN 61537

RoHS



4 s!



		Filling Area			
B		H65 (2")		H105 (4")	
mm	inch	cm²	in²	cm²	in²
60	2"	21	3,3	-	-
100	4"	43	6,7	81	12,6
150	6"	72	11,2	133	20,7
200	8"	100	15,5	186	28,8
300	12"	156	24,2	291	45,1
400	16"	212	32,9	396	61,4
450	18"	239	37,1	448	69,5
500	20"	268	41,5	501	77,7
600	24"	324	50,2	606	93,9

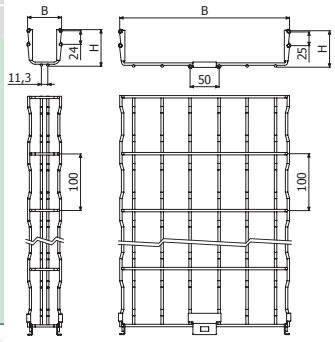
basor ELECTRIC

BF2R H65

BF2R 60x65

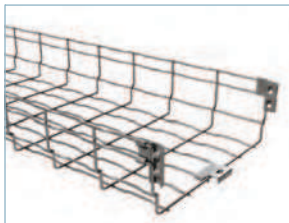
L = 3 m (10 ft)

	B		H			EZ		EZ 1000		i304	
	mm	inch	mm	inch		REF.	kg/m	REF.	kg/m	REF.	kg/m
BF2R 60X65	60	2”	65	2”	0	2/7389	0,54	2/17354	0,54	2/7516	0,59
BF2R 100X65	100	4”	65	2”	0	2/7248	0,79	2/17355	0,79	2/7502	0,73
BF2R 150X65	150	6”	65	2”	0	2/7249	0,84	2/17356	0,84	2/7503	0,86
BF2R 200X65	200	8”	65	2”	0	2/7250	1,09	2/17357	1,09	2/7504	1,12
BF2R 300X65	300	12”	65	2”	1	2/7251	1,60	2/17358	1,60	2/7505	1,72
BF2R 400X65	400	16”	65	2”	1	2/7394	1,94	2/17359	1,94	2/7506	2,09
BF2R 450X65	450	18”	65	2”	1	2/9989	2,33	2/17360	2,33	-	2,43
BF2R 500X65	500	20”	65	2”	2	2/7395	2,72	2/17361	2,72	2/7507	2,56
BF2R 600X65	600	24”	65	2”	2	2/7396	3,13	2/17362	3,13	2/7508	2,95



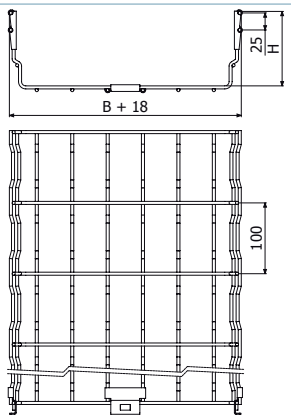
BF2R 60x65 BF2R H65

BF2R H105

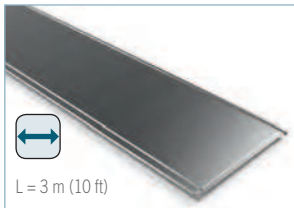


L = 3 m (10 ft)

	B		H			EZ		EZ 1000		i304	
	mm	inch	mm	inch		REF.	kg/m	REF.	kg/m	REF.	kg/m
BF2R 100X105	100	4”	105	4”	0	2/7914	1,06	2/17363	1,06	-	-
BF2R 150X105	150	6”	105	4”	0	2/7915	1,57	2/17364	1,57	-	-
BF2R 200X105	200	8”	105	4”	0	2/7397	1,59	2/17365	1,59	2/7509	2,72
BF2R 300X105	300	12”	105	4”	1	2/7398	1,93	2/17366	1,93	2/7510	2,09
BF2R 400X105	400	16”	105	4”	1	2/7399	2,71	2/17367	2,71	2/7511	2,56
BF2R 450X105	450	18”	105	4”	1	2/9990	2,92	2/17368	2,92	2/12109	2,71
BF2R 500X105	500	20”	105	4”	2	2/7400	3,12	2/17369	3,12	2/7512	2,95
BF2R 600X105	600	24”	105	4”	2	2/7401	3,53	2/17370	3,53	2/7513	3,34

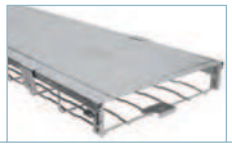


TERE (BF2R H65)

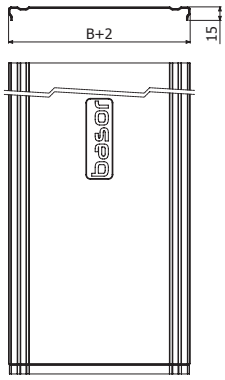


L = 3 m (10 ft)

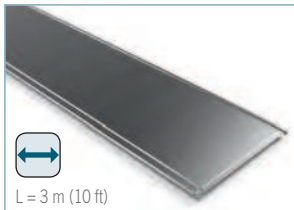
400/500/600 - L = 2 m (6,56 ft)



	B		GS		GC		i304	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
TERE 100	100	4”	2/1312	0,55	2/1321	0,66	2/4560	0,55
TERE 150	150	6”	2/1313	0,76	2/1322	0,92	2/5123	0,76
TERE 200	200	8”	2/1314	0,98	2/1323	1,20	2/4561	0,98
TERE 300	300	12”	2/1316	1,55	2/1325	1,69	2/4716	1,55
TERE 400 2M	400	16”	2/1317	2,19	2/1326	2,75	2/4931	2,73
TERE 500 2M	500	20”	2/1318	3,11	2/1327	3,61	2/4562	3,75
TERE 600 2M	600	24”	2/1319	3,95	2/1328	4,58	2/5357	4,01

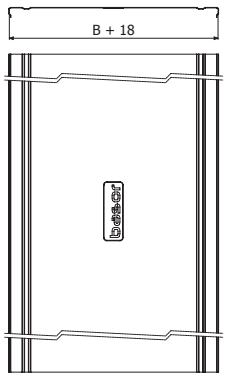


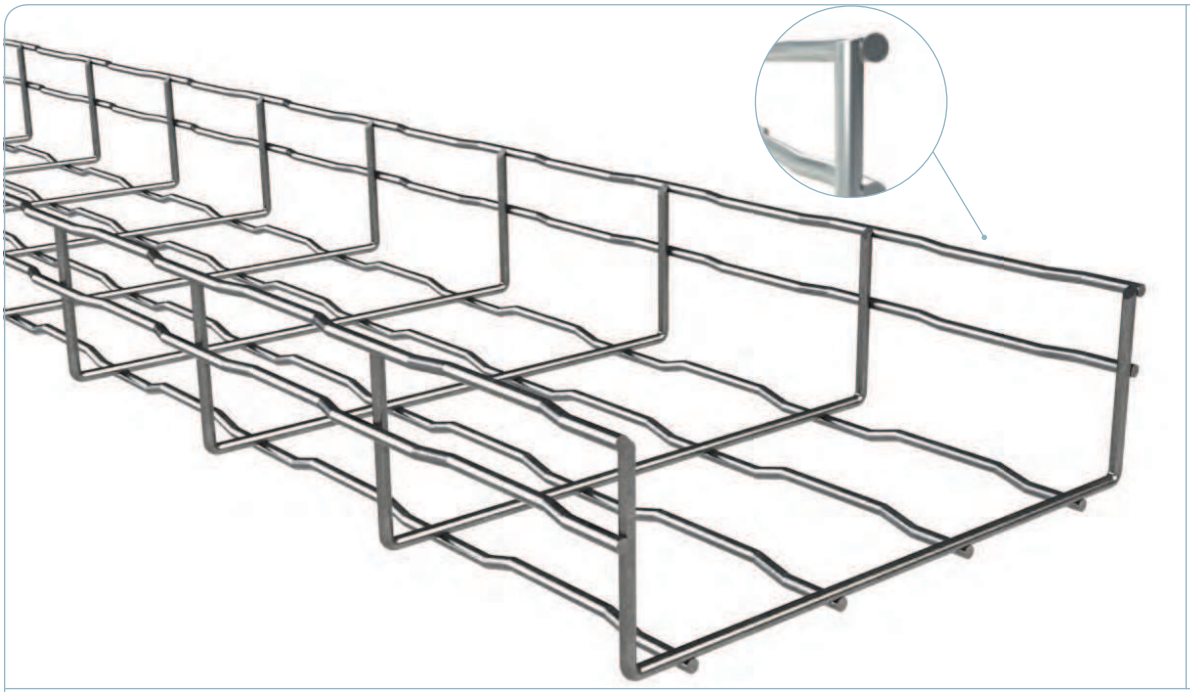
TEBFR (BF2R H105)



L = 3 m (10 ft)

	B		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
TEBFR 100	100	4”	2/9789	0,81	2/9886	0,83
TEBFR 150	150	6”	2/9790	1,09	2/9887	1,12
TEBFR 200	200	8”	2/9791	1,37	2/9888	1,41
TEBFR 300	300	12”	2/9792	2,21	2/9889	1,99
TEBFR 400	400	16”	2/9793	2,85	2/9890	2,56
TEBFR 500	500	20”	2/9794	4,36	2/9891	3,59
TEBFR 600	600	24”	2/9795	5,16	2/9892	4,25





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	 CGBF	 ULA 65/105	 CTBF	 GBF	 JUER-BFR 60/65	 MU
 SSC	 SL	 SLS	 STB	 SUC	 SUCM	 BJC
 PS	 PBF	 CFBFR41	 SFS	 SST	 SFL	 PBF60

		Filling Area					
B		H35 (1 3/8")		H65 (2")		H105 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
60	2"	-	-	23	3,6	-	-
100	4"	27	4,2	47	7,3	-	-
150	6"	42	6,5	75	11,6	-	-
200	8"	58	9,0	102	15,8	193	30,0
300	12"	89	13,8	157	24,3	297	46,0
400	16"	-	-	212	32,9	401	62,2
500	20"	-	-	267	26,7	505	78,3
600	24"	-	-	322	49,9	609	94,4

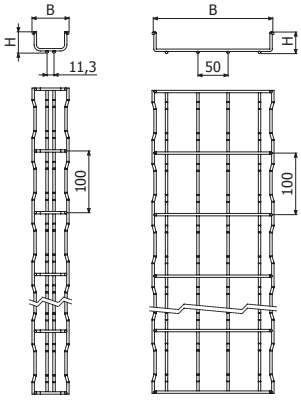
BFR H35 EZ-GC

	B		H		EZ		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 60X35	60	2”	35	1 3/8”	2/6407	0,50	2/8230	0,51
BFR 100X35	100	4”	35	1 3/8”	2/3616	0,55	2/0286	0,63
BFR 150X35	150	6”	35	1 3/8”	2/3617	0,67	2/0287	0,73
BFR 200X35	200	8”	35	1 3/8”	2/3618	0,81	2/0288	0,89
BFR 300X35	300	12”	35	1 3/8”	2/3619	1,27	2/0289	1,39

100, 150, 200 2x CGBF (2/4364-EZ / 2/4360-GC).

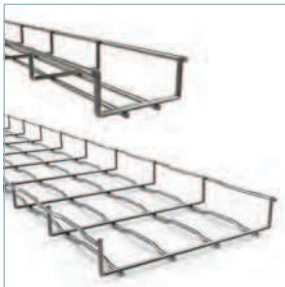
300 3x CGBF (2/4364-EZ / 2/4360-GC)

L = 3 m (10 ft)



BF 60x35 BFR H35

BFR H35 i304-i316

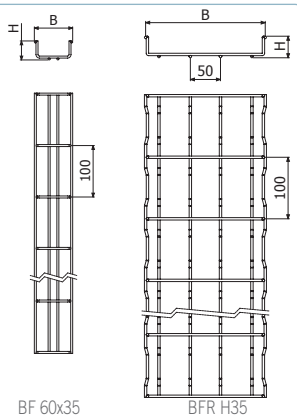


	B		H		i304		i316	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BF 60X35	60	2”	35	1 3/8”	2/6516	0,51	2/8233	0,51
BFR 100X35	100	4“	35	1 3/8”	2/0303	0,66	2/7415	0,67
BFR 150X35	150	6”	35	1 3/8”	2/0304	0,72	2/7416	0,73
BFR 200X35	200	8”	35	1 3/8”	2/0305	1,02	2/7417	1,03
BFR 300X35	300	12”	35	1 3/8”	2/0306	1,39	2/7418	1,39

≤ 200 2x CGBF (2/4915-i304 / 2/5358-i316)

≥300 3x CGBF (2/4915-i304 / 2/5358-i316)

L = 3 m (10 ft)

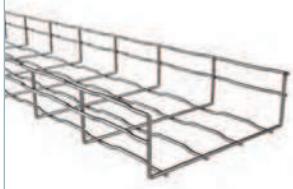


BF 60x35 BFR H35

BFR H65 EZ-GC

BFR 60x65

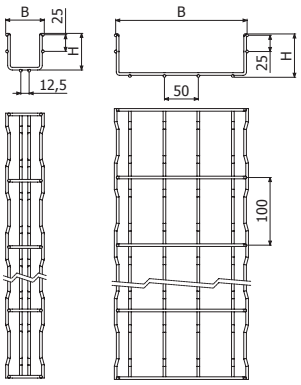
	B		H		EZ		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 60X65	60	2”	61	2”	2/10009	0,55	2/15576	0,60
BFR 100X65	100	4”	65	2”	2/3622	0,77	2/0291	0,83
BFR 150X65	150	6”	65	2”	2/3623	0,82	2/0292	0,89
BFR 200X65	200	8”	65	2”	2/3624	1,06	2/0293	1,15
BFR 300X65	300	12”	65	2”	2/3625	1,57	2/0294	1,69
BFR 400X65	400	16”	65	2”	2/4407	1,90	2/0295	2,05
BFR 500X65	500	20”	65	2”	2/4409	2,46	2/0296	2,65
BFR 600X65	600	24”	65	2”	2/3626	2,83	2/0297	3,05



≤ 200 2x URBF (2/6217-EZ / 2/6219-GC).

≥300 2x URBF (2/6217-EZ / 2/6219-GC) + 1x CGBF (2/4364-EZ / 2/4360-GC).

L = 3 m (10 ft)

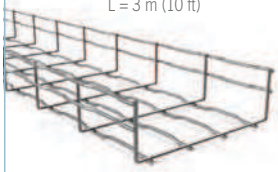


BFR 60x65 BFR H65

BFR H65 i304-i316

BFR 60x65

L = 3 m (10 ft)

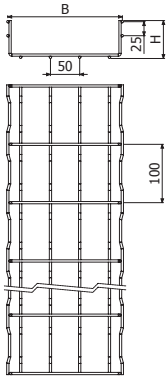


L = 3 m (10 ft)

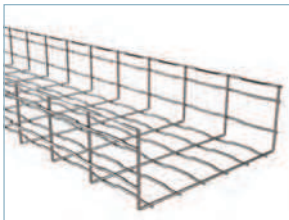
	B		H		i304		i316	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 60X65	60	2”	65	2”	2/0307	0,66	2/7419	0,67
BFR 100X65	100	4”	65	2”	2/0308	0,96	2/7420	0,97
BFR 150X65	150	6”	65	2”	2/0309	1,02	2/7421	1,03
BFR 200X65	200	8”	65	2”	2/0310	1,32	2/7422	1,33
BFR 300X65	300	12”	65	2”	2/0311	1,69	2/7423	1,69
BFR 400X65	400	16”	65	2”	2/0312	2,05	2/7424	2,05
BFR 500X65	500	20”	65	2”	2/0313	2,41	2/7425	2,41
BFR 600X65	600	24”	65	2”	2/0314	2,77	2/7426	2,78

≤ 200 2x CGBF (2/4915-i304 / 2/5358-i316)

≥300 3x CGBF (2/4915-i304 / 2/5358-i316)



BFR H105 EZ-GC

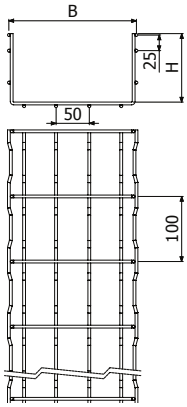


L = 3 m (10 ft)

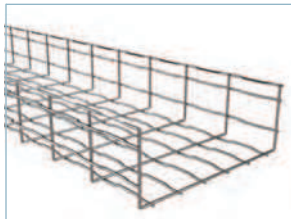
	B		H		EZ		GC	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 200X105	200	8”	105	4”	2/4953	1,57	2/0298	1,69
BFR 300X105	300	12”	105	4”	2/4959	1,90	2/0299	2,05
BFR 400X105	400	16”	105	4”	2/4960	2,46	2/0300	2,65
BFR 500X105	500	20”	105	4”	2/4961	2,83	2/0301	3,05
BFR 600X105	600	24”	105	4”	2/6043	3,20	2/0302	3,45

≤ 200 2x URBF (2/6217-EZ / 2/6219-GC).

≥300 2x URBF (2/6217-EZ / 2/6219-GC) + 1x CGBF (2/4364-EZ / 2/4360-GC).



BFR H105 i304-i316

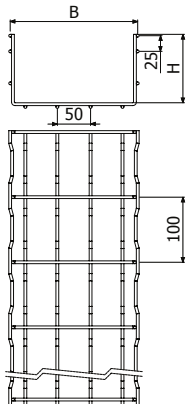


L = 3 m (10 ft)

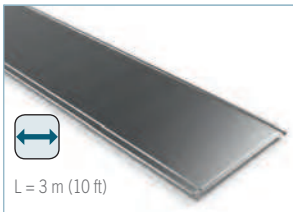
	B		H		i304		i316	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
BFR 200X105	200	8”	105	4”	2/0315	1,69	2/7427	1,69
BFR 300X105	300	12”	105	4”	2/0316	2,05	2/7428	2,05
BFR 400X105	400	16”	105	4”	2/0317	2,41	2/7429	2,41
BFR 500X105	500	20”	105	4”	2/0318	2,77	2/7430	2,78
BFR 600X105	600	24”	105	4”	2/0319	3,14	2/7431	3,14

≤ 200 2x CGBF (2/4915-i304 / 2/5358-i316)

≥300 3x CGBF (2/4915-i304 / 2/5358-i316)

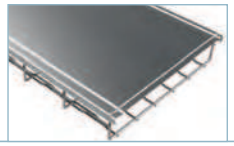


TERE (BFR)

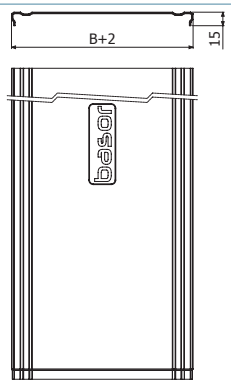


L = 3 m (10 ft)

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



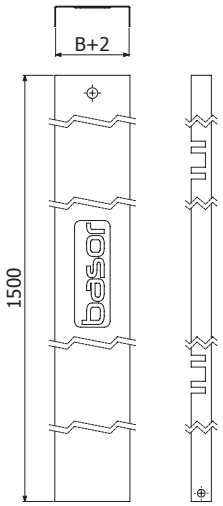
	B		GS		GC		i304	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
TERE 100	100	4”	2/1312	0,55	2/1321	0,66	2/4560	0,55
TERE 150	150	6”	2/1313	0,76	2/1322	0,92	2/5123	0,76
TERE 200	200	8”	2/1314	0,98	2/1323	1,20	2/4561	0,98
TERE 300	300	12”	2/1316	1,55	2/1325	1,69	2/4716	1,55
TERE 400 2M	400	16”	2/1317	2,19	2/1326	2,75	2/4931	2,73
TERE 500 2M	500	20”	2/1318	3,11	2/1327	3,61	2/4562	3,75
TERE 600 2M	600	24”	2/1319	3,95	2/1328	4,58	2/5357	4,01

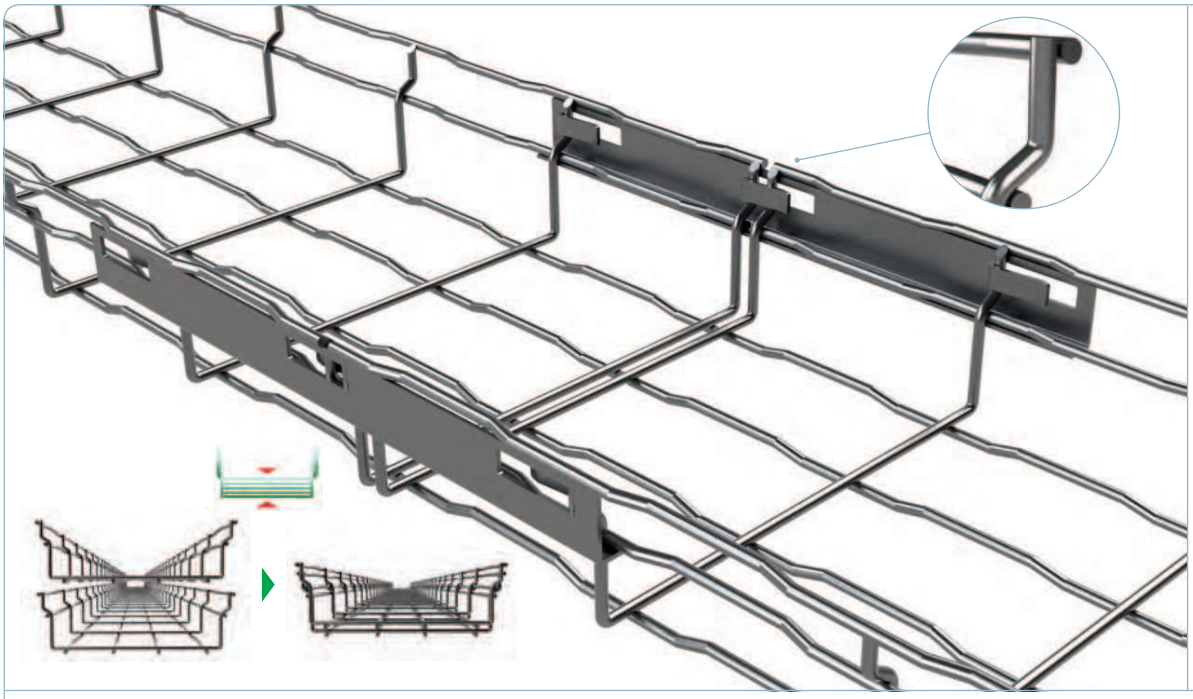


TBF 60

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”	2/6044	0,55	2/3614	0,63	2/5594	0,55





L > 100 m*
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

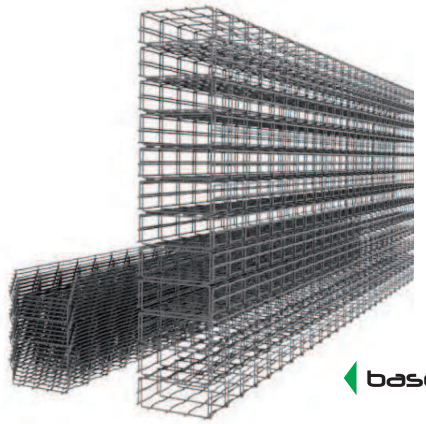
3 7
UNE-EN 61537

H65 (2")

-66%

H105 (4")

-50%



basorfil Energy³ 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 H65

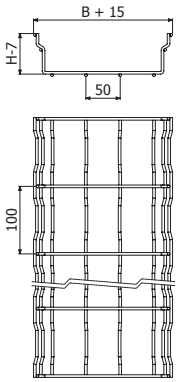
L = 3 m (10 ft)

basorfil Energy E-BFR

	B		H		EZ		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
EBFR 100x65	100	4”	65	2”	2/7305	0,77	2/7326	0,83		
EBFR 150x65	150	6”	65	2”	2/7306	0,82	2/7327	0,89		
EBFR 200x65	200	8”	65	2”	2/7307	1,06	2/7328	1,15		
EBFR 300x65	300	12”	65	2”	2/7308	1,57	2/7329	1,69		
EBFR 400x65	400	16”	65	2”	2/7309	1,90	2/7330	2,05		
EBFR 500x65	500	20”	65	2”	2/7310	2,46	2/7331	2,65		
EBFR 600x65	600	24”	65	2”	2/7311	2,83	2/7332	3,05		

B ≤ 200 2x CGBF (2/4364-EZ / 2/4360-GC)

B ≥300 3x CGBF (2/4364-EZ / 2/4360-GC)



EBFR H105

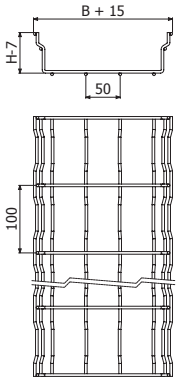
L = 3 m (10 ft)

basorfil Energy E-BFR

	B		H		EZ		GC		i304	i316
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m		
EBFR 200x105	200	8”	105	4”	2/7312	1,57	2/7333	1,69		
EBFR 300x105	300	12”	105	4”	2/7313	1,90	2/7334	2,05		
EBFR 400x105	400	16”	105	4”	2/7314	2,46	2/7335	2,65		
EBFR 500x105	500	20”	105	4”	2/7315	2,83	2/7336	3,05		
EBFR 600x105	600	24”	105	4”	2/7316	3,20	2/7337	3,45		

B ≤ 200 2x URBF (2/6217-EZ / 2/6219-GC)

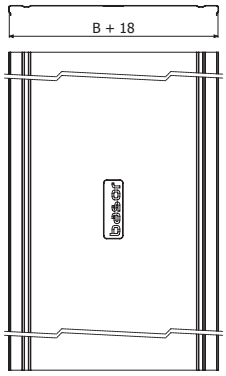
B ≥300 2x URBF (2/6217-EZ / 2/6219-GC) + 1x CGBF (2/4364-EZ - 2/4360-GC)



TEBFR

L = 3 m (10 ft)

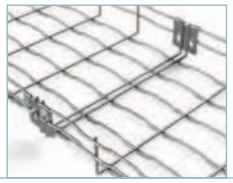
	B		GS		GC		i304	i316
	mm	inch	REF.	kg/m	REF.	kg/m		
TEBFR 100	100	4”	2/9789	0,81	2/9886	1,05		
TEBFR 150	150	6”	2/9790	1,09	2/9887	1,28		
TEBFR 200	200	8”	2/9791	1,37	2/9888	1,61		
TEBFR 300	300	12”	2/9792	2,21	2/9889	2,57		
TEBFR 400	400	16”	2/9793	2,85	2/9890	3,31		
TEBFR 500	500	20”	2/9794	4,36	2/9891	4,98		
TEBFR 600	600	24”	2/9795	5,16	2/9892	5,89		

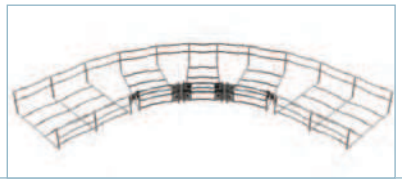


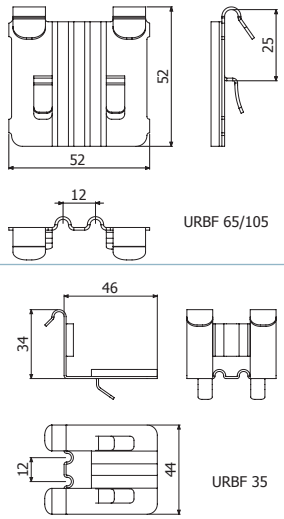
URBF

	EZ		GC	
	REF.	kg/ud	REF.	kg/ud
URBF 65/105	2/6217	0,03	2/6219	0,03
URBF 35	2/7271	0,04	2/7272	0,04

65 / 105 — UR BFR 65/105 EBFR 105
105
65 — UR BFR 35



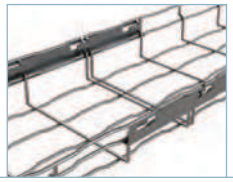


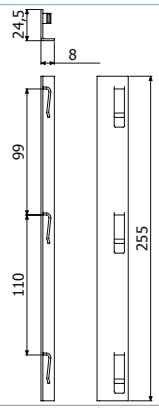


UREBF

	GS		GC	
	REF.	kg/ud	REF.	kg/ud
UREBF 65	2/9870	0,10	2/9871	0,11

65
B<600



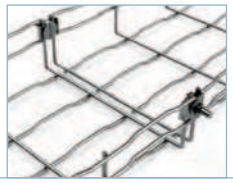


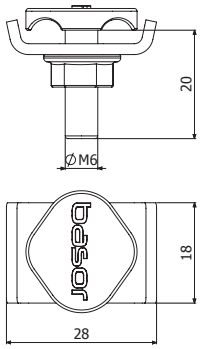
CGBF

	Pap	EZ		GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CGBF	6	2/4364	0,03	2/4360	0,03	2/4915	0,03

CTBF + GBF

10

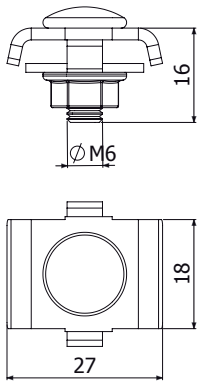




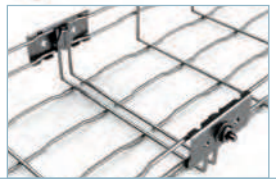
CGBF2

	Pap	i316	
	Nm	REF.	kg/ud
CGBF2	6	2/5358	0,03

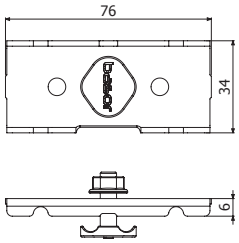
10



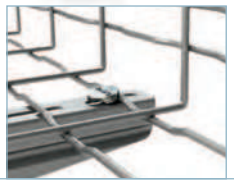
ULA



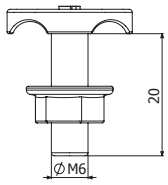
	Pap Nm	EZ REF.	EZ kg/ud	GC REF.	GC kg/ud	i304 REF.	i304 kg/ud
ULA 65/105	6	2/4919	0,06	2/4363	0 ,08	2/4921	0,06

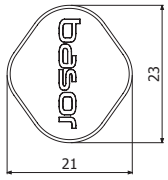


CTBF



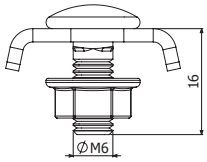
	Pap Nm	EZ REF.	EZ kg/ud	GC REF.	GC kg/ud	i304 REF.	i304 kg/ud
CTBF	6	2/4362	0,02	2/7132	0,02	2/4923	0,02

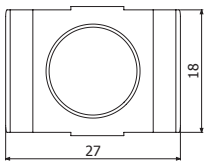




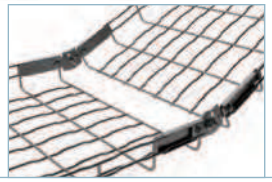
CTBF2

	Pap Nm	i316 Ref.	i316 kg/ud
CTBF2	6	2/8229	0,02



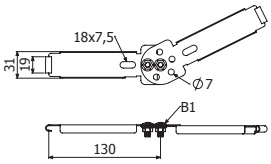


JUBFR-A



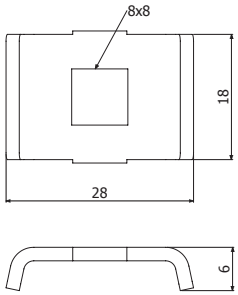
	GS REF.	GS kg/ud	i304 Ref.	i304 kg/ud
JUBFR-A 65/105	2/9868	0,12	2/9869	0,12

2 x GBF (2/0337-EZ / 2/0340-i304) + 2 x B1 (2/4356-EZ / 2/4925-i304)



GBF

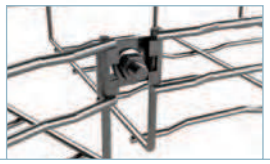
	EZ		GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
GBF	2/0337	0,01	2/0339	0,01	2/0340	0,01	2/1104	0,01

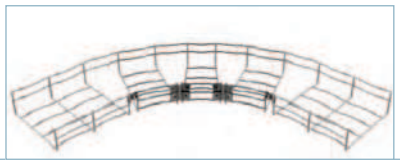


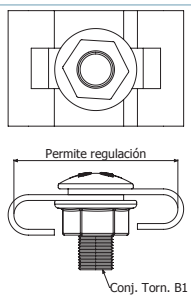
UCBF

	Pap	EZ		GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
UCBF	6	2/5059	0,07	2/5060	0,08	2/5093	0,07

10





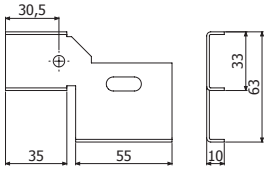


JUER-BFR

	i304	
	REF.	kg/ud
JUER-BFR 60/65	2/7018	0,18

2 x CTBF + 2/100 x B1

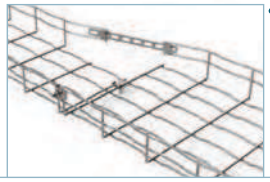
10

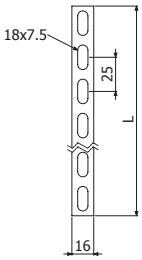


MU

	L	GS		i304		i316	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
MU 500	500	2/0357	0,05	2/9872	0,06	2/14244	0,06
MU 275	275	2/10007	0,05	-	-	-	-

2 x CTBF

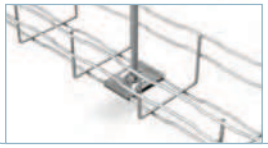


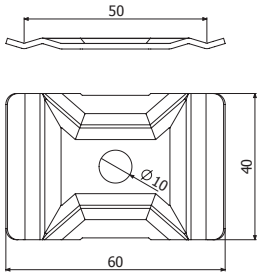


SSC

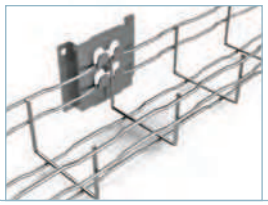
	EZ		GC		i304	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SSC	2/2064	0,03	2/0363	0,03	2/0373	0,03

M8



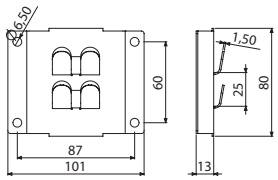


SL



	GS		GC		i304	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SL	2/0355	0,08	2/0365	0,13	2/0375	0,08

Mod. 60x65 - 100x65.

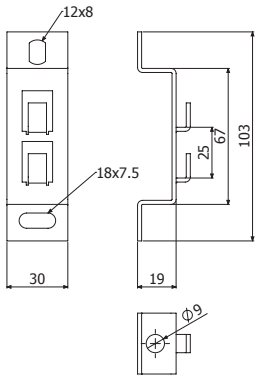


SLS

	GS		GC		i304	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SLS	2/0360	0,05	2/0370	0,05	2/0380	0,05

BFR/BF2R 60x65 - 100x65

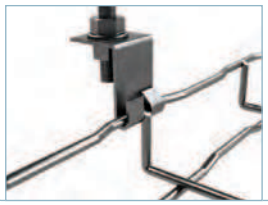
BFR/BF2R 60x65..200x65

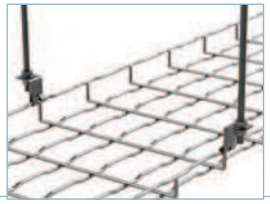


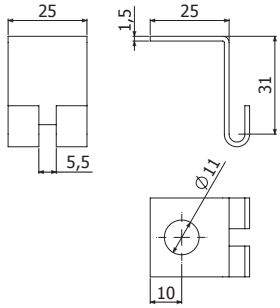
SST

	GS	
	REF.	kg/ud
SST	2/5724	0,03

H35 + VR8/VR10

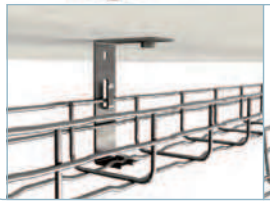


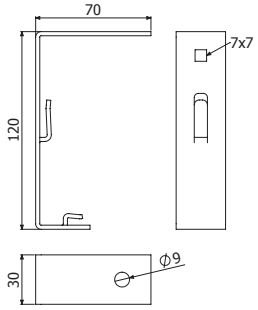




STBF

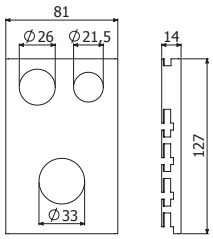
	GS		GC	
	REF.	kg/ud	REF.	kg/ud
STBF 100X35	2/9675	0,05	2/9857	0,07
STBF 60X65	2/17314	0,10	-	-
STBF 100X65	2/0886	0,13	-	-





STB

	GS		GC		i304	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
STB 16-32	2/0356	0,14	2/0366	0,14	2/0376	0,14

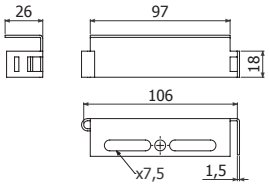


STBU

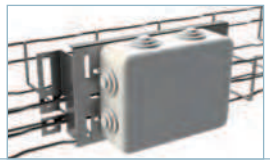
	GS	
	REF.	kg/ud
STBU	2/5834	0,05

H65/H105

H105

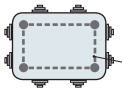


SUC

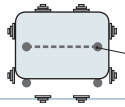


	GS		GC		i304	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SUC	2/0358	0,28	2/0368	0,30	2/0378	0,28

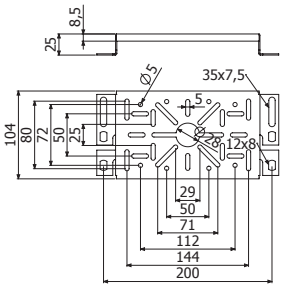
29-70 mm



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

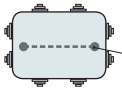


L: 30 -147

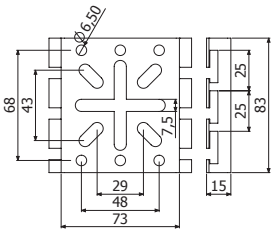


SUCM

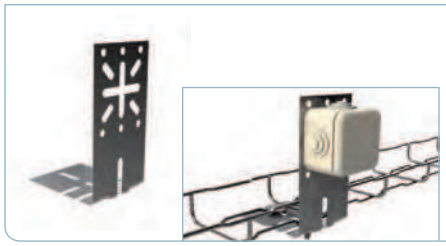
	GS		GC		i304	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SUCM	2/0359	0,08	2/0369	0,12	2/0379	0,08



L: 30 - 48

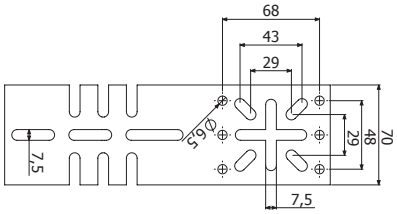


SUCM 35

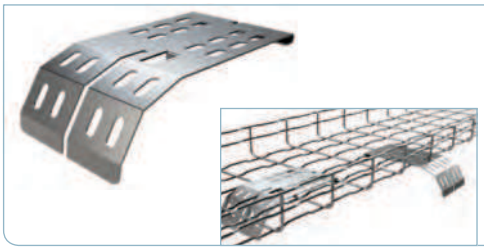


	GS		GC		i304
	REF.	kg/ud	REF.	kg/ud	
SUCM 35	2/6343	0,11	2/7256	0,12	

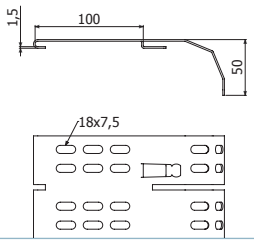
2 x CTBF (2/4362-EZ // 2/7132-GC // 2/4923-i304)



BJC

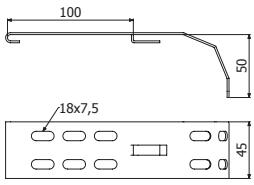


	GS		GC	
	REF.	kg/ud	REF.	kg/ud
BJC	2/6451	0,18	2/6452	0,20

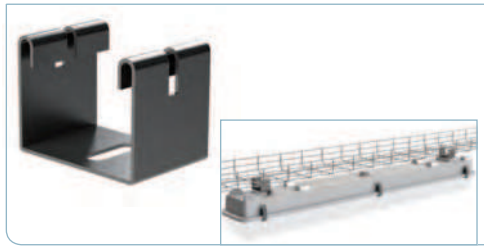


BJCM

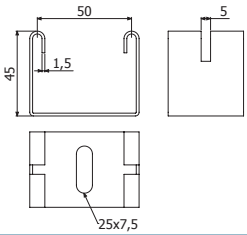
	GS	
	REF.	kg/ud
BJCM	2/9807	0,115



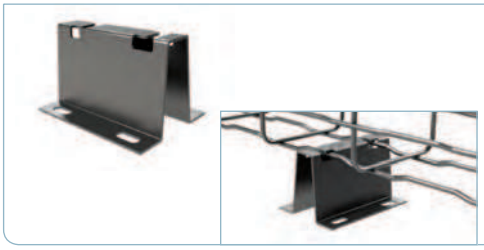
SFL



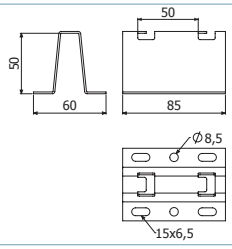
	GS	
	REF.	kg/ud
SFL	2/5906	0,09



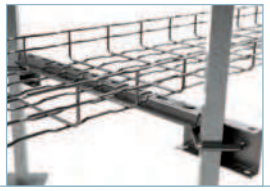
PBF



	GS		GC		i304	
	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
PBF	2/5590	0,13	2/4397	0,13	2/8777	0,14

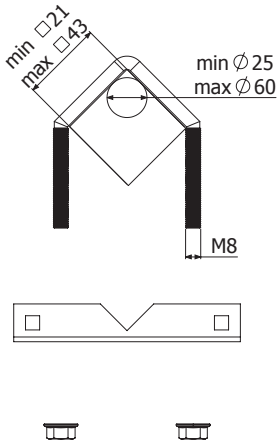


KFS

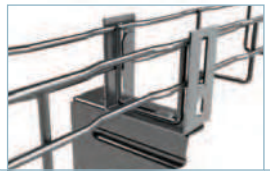


	GS	
	REF.	kg/ud
KFS	2/8231	0,25

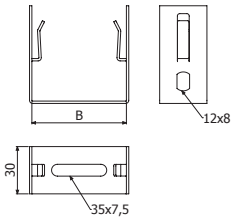
13



PBF60



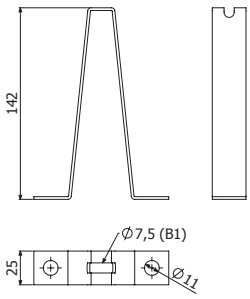
	B		i304	
	mm	inch	REF.	kg/ud
PBF60	60	2”	2/7304	0,14



SFS

	GS	
	REF.	kg/m
SFS	2/5602	0,14

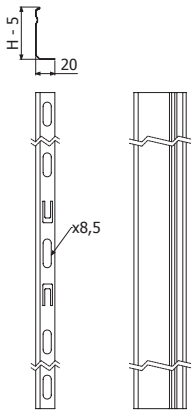
C-SVO + 2 x SFS + 2/100 x B1



PS

L = 3 m (10 ft)

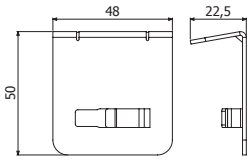
	H		GS		GC		i304	
	mm	inch	REF.	kg/m	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8"	2/3476	0,29	2/3479	0,29	2/11227	0,29
PS 60	60	2"	2/2066	0,34	2/3480	0,43	2/3645	0,34
PS 80	80	3 1/7"	2/3477	0,46	2/3481	0,63	2/11228	0,46
PS 100	100	4"	2/3478	0,56	2/3482	0,76	2/5138	0,56



PTBFR

	GS		i304	
	REF.	kg/ud	REF.	kg/ud
PTBFR	2/10253	0,04	2/10254	0,04

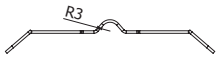
4 x PTBFR => 1 x TERE (BFR)

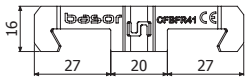


CFBFR

	i301	
	REF.	kg/ud
CFBFR41	2/10284	0,01

SP, SP3S, 41/82





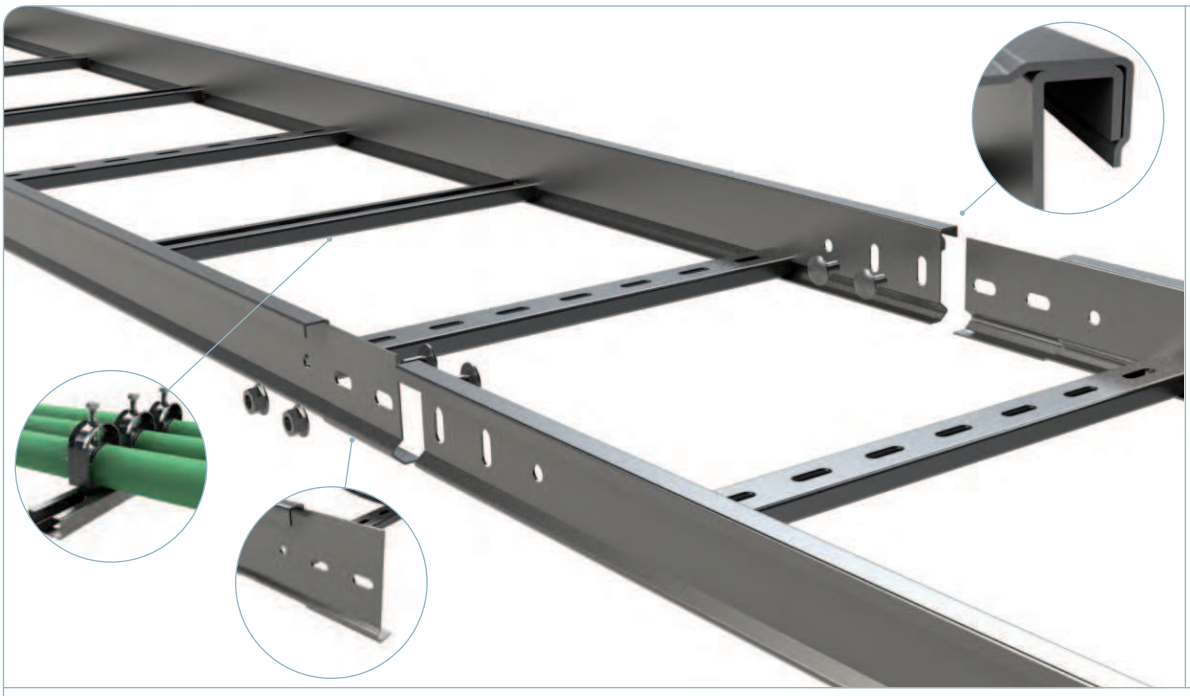
A

TDC

BPZ

	REF.	kg/ud
TDC	2/5066	1,54
BPZ 400 ml.	2/7224	0,44

basortrav



L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150C
-50C
UNE-EN 61537

6 7
UNE-EN 61537

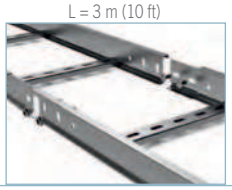
20J
UNE-EN 61537

 TFE	 CPFE H60	 CCXFE H60	 TEFE H60	 CRFE H60	 REFE H60
 BFE	 PTFE	 JUFE H60	 JUFE-A H60	 JUFE-B H60	 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

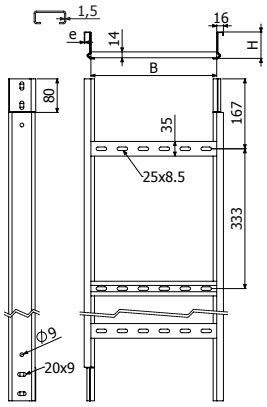
FE H60

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	2/0749	2,70
FE 150x60x1,5-333 3M	150	6"	63	2 1/2"	1,5	2/0750	2,84
FE 200x60x1,5-333 3M	200	8"	63	2 1/2"	1,5	2/0751	2,97
FE 300x60x1,5-333 3M	300	12"	63	2 1/2"	1,5	2/0752	3,24
FE 400x60x1,5-333 3M	400	16"	63	2 1/2"	1,5	2/0753	3,50
FE 500x60x1,5-333 3M	500	20"	63	2 1/2"	1,5	2/0754	3,77
FE 600x60x1,5-333 3M	600	24"	63	2 1/2"	1,5	2/0755	4,03

4/100 x B2 (2/6792 - GC)

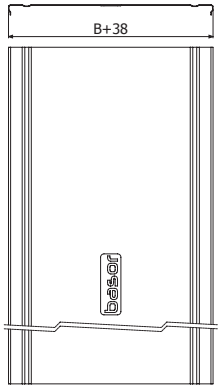


TFE

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	2/4937	2,06
TFE 150x1,5 3M	150	6"	1,5	2/4472	2,66
TFE 200x1,5 3M	200	8"	1,5	2/4473	3,26
TFE 300x1,5 3M	300	12"	1,5	2/3579	4,46
TFE 400x1,5 2M	400	16"	1,5	2/4430	5,66
TFE 500x1,5 2M	500	20"	1,5	2/4509	6,86
TFE 600x1,5 2M	600	24"	1,5	2/4494	8,06

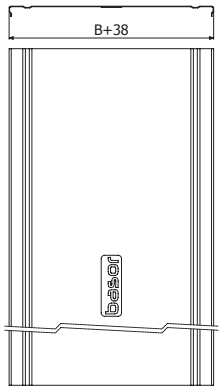


TFEL

L = 3 m (10 ft)

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

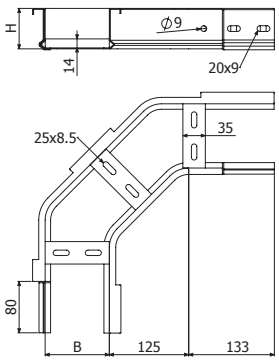
	B		e	GC	
	mm	inch	mm	REF.	kg/m
TFEL 100x0,8 3M	100	4"	0,8	2/10000	1,10
TFEL 150x0,8 3M	150	6"	0,8	2/10001	1,42
TFEL 200x0,8 3M	200	8"	0,8	2/10002	1,74
TFEL 300x0,8 3M	300	12"	0,8	2/10003	2,38
TFEL 400x1 2M	400	16"	1	2/10004	3,78
TFEL 500x1 2M	500	20"	1	2/10005	4,58
TFEL 600x1 2M	600	24"	1	2/10006	5,38



CPFE H60

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPFE 100x60x1,5	100	4"	63	2 1/2"	1,5	2/0770	1,53
CPFE 150x60x1,5	150	6"	63	2 1/2"	1,5	2/0771	1,77
CPFE 200x60x1,5	200	8"	63	2 1/2"	1,5	2/0772	2,01
CPFE 300x60x1,5	300	12"	63	2 1/2"	1,5	2/0773	2,48
CPFE 400x60x1,5	400	16"	63	2 1/2"	1,5	2/0774	2,85
CPFE 500x60x1,5	500	20"	63	2 1/2"	1,5	2/0775	3,42
CPFE 600x60x1,5	600	24"	63	2 1/2"	1,5	2/0776	3,89

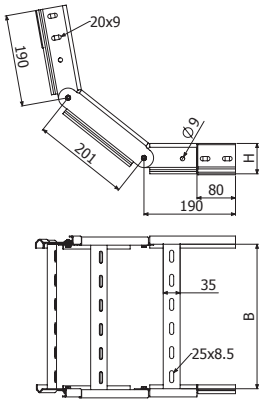
4/100 x B2 (2/6792 - GC)



CCXFE H60

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCXFE 100x60x1,5	100	4"	63	2 1/2"	1,5	2/5222	1,53
CCXFE 150x60x1,5	150	6"	63	2 1/2"	1,5	2/5223	1,66
CCXFE 200x60x1,5	200	8"	63	2 1/2"	1,5	2/5224	1,80
CCXFE 300x60x1,5	300	12"	63	2 1/2"	1,5	2/5225	2,08
CCXFE 400x60x1,5	400	16"	63	2 1/2"	1,5	2/5226	2,35
CCXFE 500x60x1,5	500	20"	63	2 1/2"	1,5	2/5227	2,63
CCXFE 600x60x1,5	600	24"	63	2 1/2"	1,5	2/5228	2,90

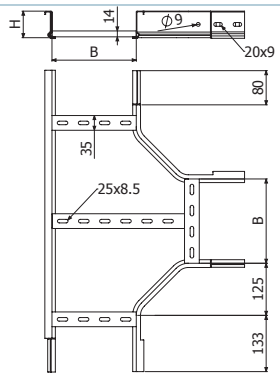
4/100 x B2 (2/6792 - GC)



TEFE H60

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TEFE 100x60x1,5	100	4"	63	2 1/2"	1,5	2/0812	2,19
TEFE 150x60x1,5	150	6"	63	2 1/2"	1,5	2/0813	2,43
TEFE 200x60x1,5	200	8"	63	2 1/2"	1,5	2/0814	2,66
TEFE 300x60x1,5	300	12"	63	2 1/2"	1,5	2/0815	3,12
TEFE 400x60x1,5	400	16"	63	2 1/2"	1,5	2/0816	4,03
TEFE 500x60x1,5	500	20"	63	2 1/2"	1,5	2/0817	4,59
TEFE 600x60x1,5	600	24"	63	2 1/2"	1,5	2/0818	5,76

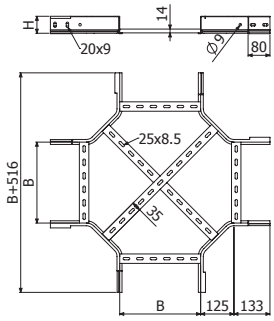
4/100 x B2 (2/6792 - GC)



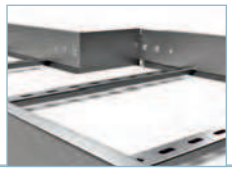
CRFE H60

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
CRFE 100x60x1,5	100	4"	63	2 1/2"	1,5	2/0833	2,88
CRFE 150x60x1,5	150	6"	63	2 1/2"	1,5	2/0834	3,18
CRFE 200x60x1,5	200	8"	63	2 1/2"	1,5	2/0835	3,48
CRFE 300x60x1,5	300	12"	63	2 1/2"	1,5	2/0836	4,07
CRFE 400x60x1,5	400	16"	63	2 1/2"	1,5	2/0837	4,66
CRFE 500x60x1,5	500	20"	63	2 1/2"	1,5	2/0838	5,25
CRFE 600x60x1,5	600	24"	63	2 1/2"	1,5	2/0839	6,50

4/100 x B2 (2/6792 - GC)

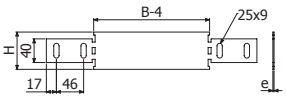


REFE H60



	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
REFE 50x60x1,5	50	2"	63	2 1/2"	1,5	2/6799	0,16
REFE 100x60x1,5	100	4"	63	2 1/2"	1,5	2/6800	0,20
REFE 150x60x1,5	150	6"	63	2 1/2"	1,5	2/6801	0,25
REFE 200x60x1,5	200	8"	63	2 1/2"	1,5	2/6802	0,30

4/100 x B2 (2/6792 - GC)

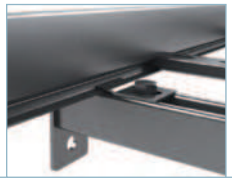


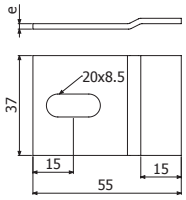
BFE

	e	GC	
	mm	REF.	kg/ud
BFE 8	2	2/0863	0,03
BFE 12	3	2/0864	0,04

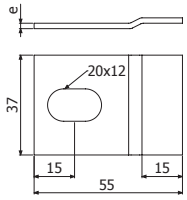
BFE 8 --> SHL --> B2 (2/6792 - GC)

SP/SPD + BEF 12 --> DIN933 10X30 (0/0320 - i304) + TM41 M10 (0/1071 - GC





BFE 8



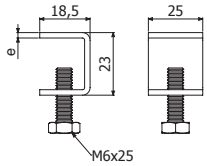
BFE 12

PTFE

	Pap	e	i304	
	Nm	mm	REF.	kg/ud
PTFE	6	2	2/7054	0,02

10

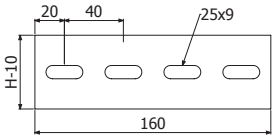
4 x PTFE => 1 x TFE



JUFE H60

	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE 60/75	60	2 3/8"	2	2/0854	0,08

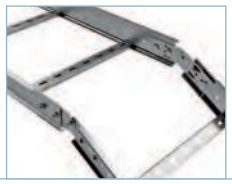
4/100 x B2 (2/6792 - GC)

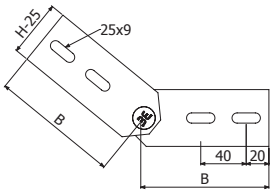


JUFE-A H60

	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-A 60/75	60	2 3/8"	2	2/0857	0,14

4/100 x B2 (2/6792 - GC)

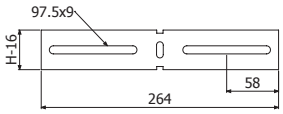




JUFE-B H60

	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-B 60/75	60	2 3/8"	2	2/0860	0,13

4/100 x B2 (2/6792 - GC)



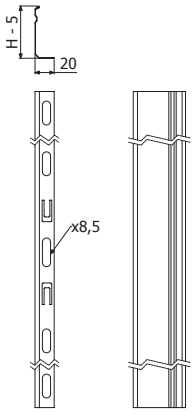
PS

L = 3 m (10 ft)

	H		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8"	2/3476	0,29	2/3479	0,29

B2 - L=3m→3/100 (2/6792)

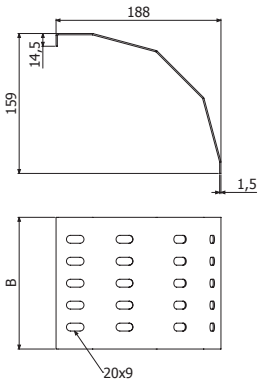
PS 35→ H60.



BJCFE

	e	GC	
	mm	REF.	kg/ud
BJCFE 100	1,5	2/10021	0,60
BJCFE 150	1,5	2/10022	0,90
BJCFE 200	1,5	2/10023	1,20
BJCFE 300	1,5	2/10024	1,70
BJCFE 400	1,5	2/10025	2,30
BJCFE 500	1,5	2/10026	2,90
BJCFE 600	1,5	2/10027	3,40

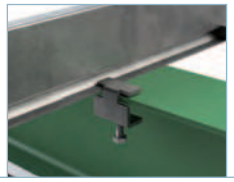
2/100 x B2 (2/6792 - GC)

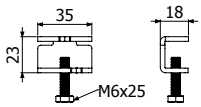


BEV

	H		GC		i304	
	inch	mm	REF	Kg/ud	REF.	kg/ud
BEV	6	150	2/11805	0,07	2/14473	0,05

10

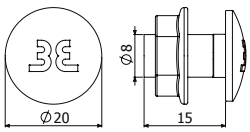


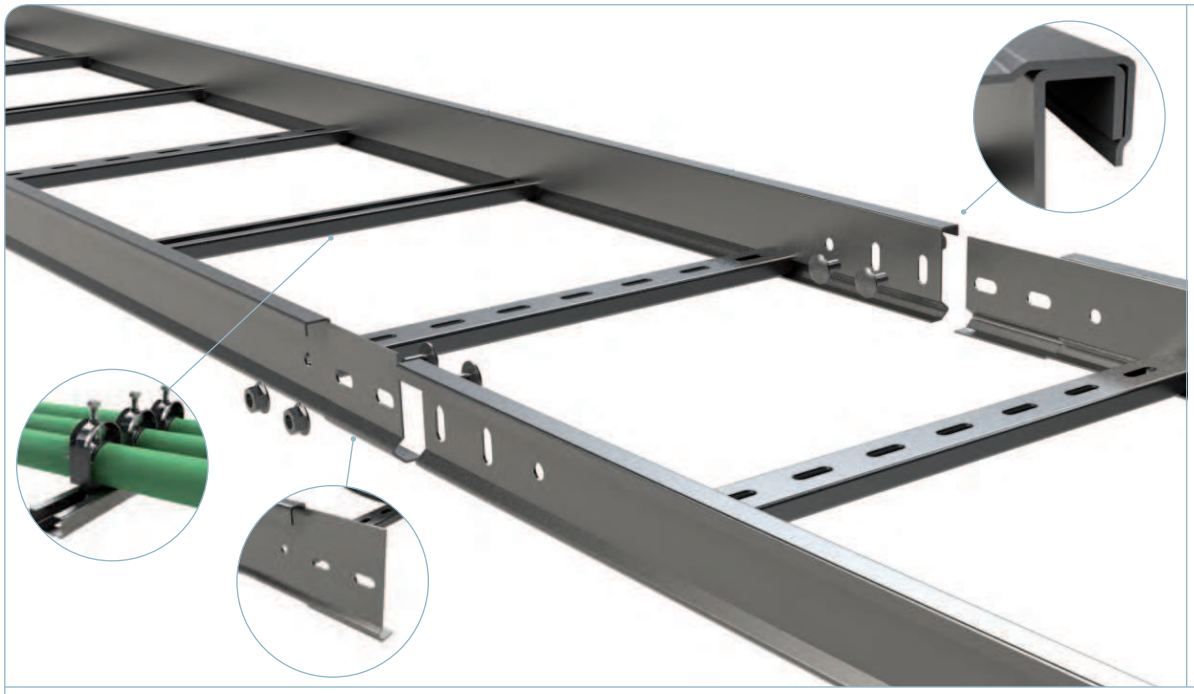


B2

	Pap	GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud
B2-100	15	2/6792	1,83	2/5392	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


CCFE


CXFE


TEFE


CRFE


T FE


PS


JUFE


JUFE-A


JUFE-B


REFE


BFE


PTFE


B2

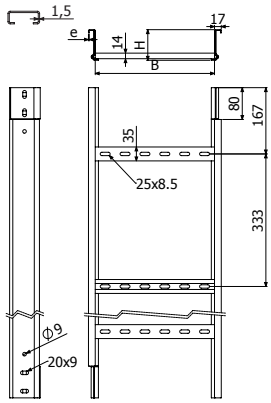
		Filling Area							
B		H75 (3")		H100 (4")		H120 (4 5/7")		H150 (6")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4"	**59**	9,1	**84**	13,0	**-**	-	**-**	-
150	6"	**89**	13,8	**126**	19,5	**156**	24,2	**201**	31,2
200	8"	**118**	18,3	**168**	26,0	**208**	32,2	**268**	41,5
300	12"	**177**	27,4	**252**	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	2/0865	3,82
FE 150x75x2-333 3M	150	6"	75	3"	2	2/0866	3,96
FE 200x75x2-333 3M	200	8"	75	3"	2	2/0867	4,09
FE 300x75x2-333 3M	300	12"	75	3"	2	2/0868	4,35
FE 400x75x2-333 3M	400	16"	75	3"	2	2/0869	4,62
FE 500x75x2-333 3M	500	20"	75	3"	2	2/0870	4,88
FE 600x75x2-333 3M	600	24"	75	3"	2	2/0871	5,15

4/100 x B2 (2/6792 - GC)

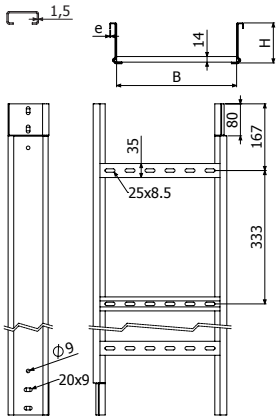


FE H100 p333

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	2/0872	5,03
FE 150x100x2-333 3M	150	6"	100	4"	2	2/0873	5,16
FE 200x100x2-333 3M	200	8"	100	4"	2	2/0874	5,29
FE 300x100x2-333 3M	300	12"	100	4"	2	2/0875	5,56
FE 400x100x2-333 3M	400	16"	100	4"	2	2/0876	5,82
FE 500x100x2-333 3M	500	20"	100	4"	2	2/0877	6,08
FE 600x100x2-333 3M	600	24"	100	4"	2	2/0878	6,35

4/100 x B2 (2/6792 - GC)

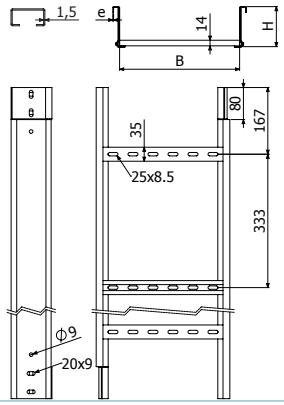


FE H120 p333

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	2/6854	5,94
FE 200x120x2-333 3M	200	8"	120	4 5/7"	2	2/6855	6,11
FE 300x120x2-333 3M	300	12"	120	4 5/7"	2	2/6856	6,44
FE 400x120x2-333 3M	400	16"	120	4 5/7"	2	2/6857	6,78
FE 500x120x2-333 3M	500	20"	120	4 5/7"	2	2/6858	7,12
FE 600x120x2-333 3M	600	24"	120	4 5/7"	2	2/6859	7,46

4/100 x B2 (2/6792 - GC)

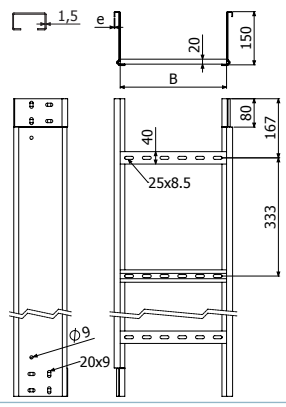


FE H150 p333

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	2/6860	6,91
FE 200x150x2-333 3M	200	8"	150	6"	2	2/6861	7,07
FE 300x150x2-333 3M	300	12"	150	6"	2	2/6862	7,40
FE 400x150x2-333 3M	400	16"	150	6"	2	2/6863	7,72
FE 500x150x2-333 3M	500	20"	150	6"	2	2/6864	8,05
FE 600x150x2-333 3M	600	24"	150	6"	2	2/6865	8,37

8/100 x B2 (2/6792 - GC)

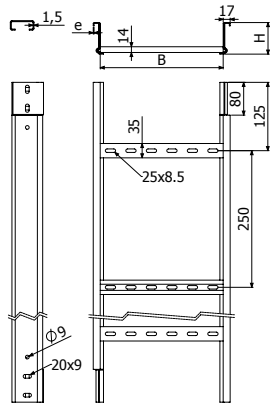


FE H75 p250

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	2/6215	3,91
FE 150x75x2-250 3M	150	6"	75	3"	2	2/6992	4,09
FE 200x75x2-250 3M	200	8"	75	3"	2	2/7003	4,27
FE 300x75x2-250 3M	300	12"	75	3"	2	2/6239	4,62
FE 400x75x2-250 3M	400	16"	75	3"	2	2/4954	4,97
FE 500x75x2-250 3M	500	20"	75	3"	2	2/7004	5,33
FE 600x75x2-250 3M	600	24"	75	3"	2	2/6216	5,68

4/100 x B2 (2/6792 - GC)

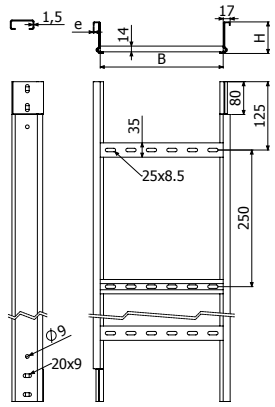


FE H100 p250

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	2/7005	5,12
FE 150x100x2-250 3M	150	6"	100	4"	2	2/6059	5,29
FE 200x100x2-250 3M	200	8"	100	4"	2	2/6249	5,47
FE 300x100x2-250 3M	300	12"	100	4"	2	2/6060	5,82
FE 400x100x2-250 3M	400	16"	100	4"	2	2/6061	6,18
FE 500x100x2-250 3M	500	20"	100	4"	2	2/7006	6,53
FE 600x100x2-250 3M	600	24"	100	4"	2	2/6062	6,88

4/100 x B2 (2/6792 - GC)

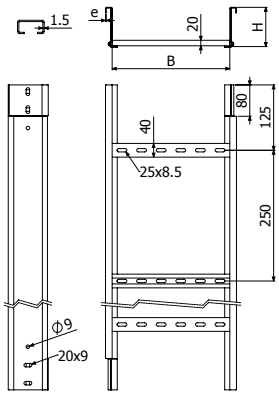


FE H120 p250

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	2/7024	6,12
FE 200x120x2-250 3M	200	8"	120	4 5/7"	2	2/7025	6,34
FE 300x120x2-250 3M	300	12"	120	4 5/7"	2	2/7026	6,78
FE 400x120x2-250 3M	400	16"	120	4 5/7"	2	2/7027	7,22
FE 500x120x2-250 3M	500	20"	120	4 5/7"	2	2/7028	7,67
FE 600x120x2-250 3M	600	24"	120	4 5/7"	2	2/7029	8,11

4/100 x B2 (2/6792 - GC)

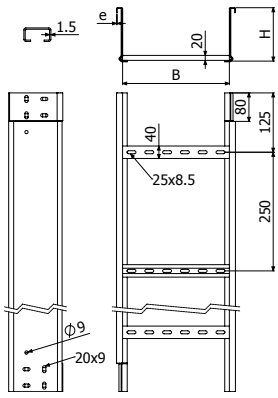


FE H150 p250

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	2/7030	7,15
FE 200x150x2-250 3M	200	8"	150	6"	2	2/7031	7,37
FE 300x150x2-250 3M	300	12"	150	6"	2	2/7032	7,81
FE 400x150x2-250 3M	400	16"	150	6"	2	2/7033	8,26
FE 500x150x2-250 3M	500	20"	150	6"	2	2/7034	8,70
FE 600x150x2-250 3M	600	24"	150	6"	2	2/7035	9,14

8/100 x B2 (2/6792 - GC)

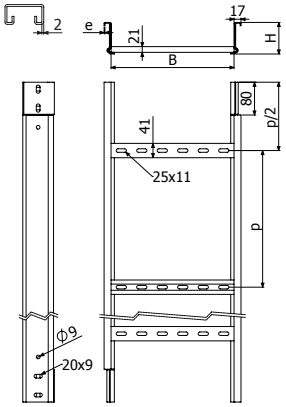


F2E H100

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	2/14361	5,60	2/14257	5,55	2/14352	5,44
F2E 150x100x2-p 3M	150	6"	100	4"	2	2/14362	5,96	2/14258	5,87	2/14353	5,71
F2E 200x100x2-p 3M	200	8"	100	4"	2	2/14363	6,31	2/14259	6,20	2/14354	5,98
F2E 300x100x2-p 3M	300	12"	100	4"	2	2/14364	7,02	2/14260	6,86	2/14355	6,53
F2E 400x100x2-p 3M	400	16"	100	4"	2	2/14365	7,73	2/14261	7,51	2/14356	7,08
F2E 500x100x2-p 3M	500	20"	100	4"	2	2/14366	8,44	2/14262	8,17	2/14357	7,62
F2E 600x100x2-p 3M	600	24"	100	4"	2	2/14367	9,15	2/14263	8,82	2/14358	8,17

4/100 x B2 (2/6792 - GC)

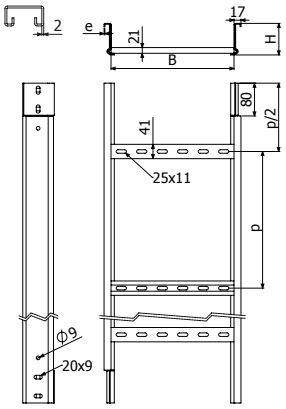


F2E H120

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	2/14396	6,66	2/14275	6,58	2/14388	6,42
F2E 200x120x2-p 3M	200	8"	120	4 5/7"	2	2/14397	7,02	2/14276	6,91	2/14389	6,69
F2E 300x120x2-p 3M	300	12"	120	4 5/7"	2	2/14398	7,72	2/14277	7,56	2/14390	7,23
F2E 400x120x2-p 3M	400	16"	120	4 5/7"	2	2/14399	8,43	2/14278	8,22	2/14391	7,78
F2E 500x120x2-p 3M	500	20"	120	4 5/7"	2	2/14400	9,14	2/14279	8,87	2/14392	8,32
F2E 600x120x2-p 3M	600	24"	120	4 5/7"	2	2/14401	9,85	2/14280	9,53	2/14393	8,87

4/100 x B2 (2/6792 - GC)

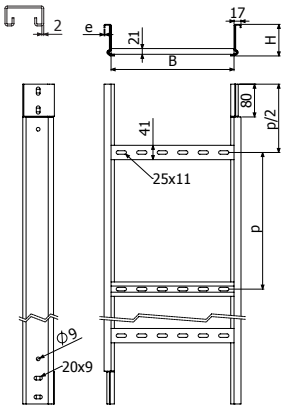


F2E H150

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	2/14428	7,72	2/14291	7,63	2/14420	7,47
F2E 200x150x2-p 3M	200	8"	150	6"	2	2/14429	8,07	2/14292	7,96	2/14421	7,74
F2E 300x150x2-p 3M	300	12"	150	6"	2	2/14430	8,78	2/14293	8,62	2/14422	8,29
F2E 400x150x2-p 3M	400	16"	150	6"	2	2/14431	9,49	2/14294	9,27	2/14423	8,84
F2E 500x150x2-p 3M	500	20"	150	6"	2	2/14432	10,20	2/14295	9,93	2/14424	9,38
F2E 600x150x2-p 3M	600	24"	150	6"	2	2/14433	10,91	2/14296	10,58	2/14425	9,93

8/100 x B2 (2/6792 - GC)

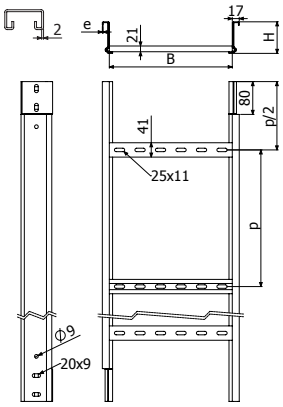


F2E H100 6M

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	2/14379	5,60	2/14266	5,55	2/14370	5,44
F2E 150X100x2-p 6M	150	6"	100	4"	2	2/14380	5,96	2/14267	5,87	2/14371	5,71
F2E 200X100x2-p 6M	200	8"	100	4"	2	2/14381	6,31	2/14268	6,20	2/14372	5,98
F2E 300X100x2-p 6M	300	12"	100	4"	2	2/14382	7,02	2/14269	6,86	2/14373	6,53
F2E 400X100x2-p 6M	400	16"	100	4"	2	2/14383	7,73	2/14270	7,51	2/14374	7,08
F2E 500X100x2-p 6M	500	20"	100	4"	2	2/14384	8,44	2/14271	8,17	2/14375	7,62
F2E 600X100x2-p 6M	600	24"	100	4"	2	2/14385	9,15	2/14272	8,82	2/14376	8,17

4/100 x B2 (2/6792 - GC)

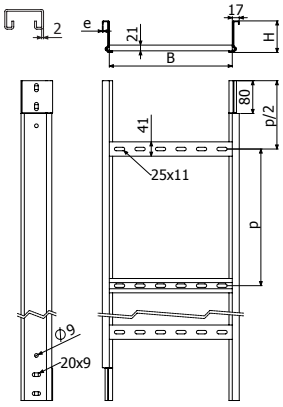


F2E H120 6M

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	2/14412	6,66	2/14283	6,58	2/14404	6,42
F2E 200X120x2-p 6M	200	8"	120	4 5/7"	2	2/14413	7,02	2/14284	6,91	2/14405	6,69
F2E 300X120x2-p 6M	300	12"	120	4 5/7"	2	2/14414	7,72	2/14285	7,56	2/14406	7,23
F2E 400X120x2-p 6M	400	16"	120	4 5/7"	2	2/14415	8,43	2/14286	8,22	2/14407	7,78
F2E 500X120x2-p 6M	500	20"	120	4 5/7"	2	2/14416	9,14	2/14287	8,87	2/14408	8,32
F2E 600X120x2-p 6M	600	24"	120	4 5/7"	2	2/14417	9,85	2/14288	9,53	2/14409	8,87

4/100 x B2 (2/6792 - GC)

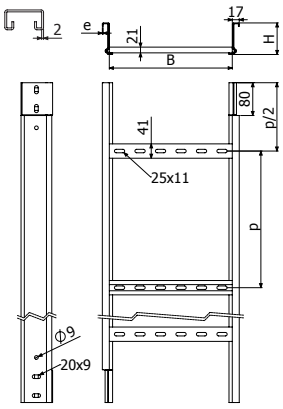


F2E H150 6M

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	2/14444	7,72	2/14299	7,63	2/14436	7,47
F2E 200X150x2-p 6M	200	8"	150	6"	2	2/14445	8,07	2/14300	7,96	2/14437	7,74
F2E 300X150x2-p 6M	300	12"	150	6"	2	2/14446	8,78	2/14301	8,62	2/14438	8,29
F2E 400X150x2-p 6M	400	16"	150	6"	2	2/14447	9,49	2/14302	9,27	2/14439	8,84
F2E 500X150x2-p 6M	500	20"	150	6"	2	2/14448	10,20	2/14303	9,93	2/14440	9,38
F2E 600X150x2-p 6M	600	24"	150	6"	2	2/14449	10,91	2/14304	10,58	2/14441	9,93

8/100 x B2 (2/6792 - GC)



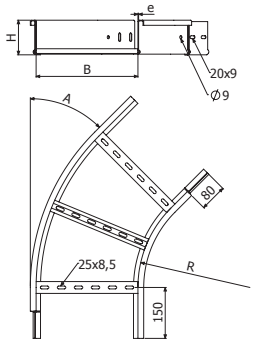
CPFE30-300

H75-H120

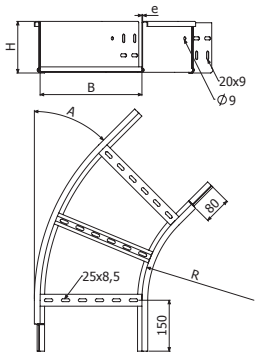
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE30-300 100X75X2	30	300	12"	100	4"	75	3"	2/14651	1,93
CPFE30-300 150X75X2	30	300	12"	150	6"	75	3"	2/14652	2,07
CPFE30-300 200X75X2	30	300	12"	200	8"	75	3"	2/14653	2,20
CPFE30-300 300X75X2	30	300	12"	300	12"	75	3"	2/14654	2,47
CPFE30-300 400X75X2	30	300	12"	400	16"	75	3"	2/14655	2,73
CPFE30-300 500X75X2	30	300	12"	500	20"	75	3"	2/14656	3,00
CPFE30-300 600X75X2	30	300	12"	600	24"	75	3"	2/14657	3,77
CPFE30-300 100X100X2	30	300	12"	100	4"	100	4"	2/14658	2,32
CPFE30-300 150X100X2	30	300	12"	150	6"	100	4"	2/14659	2,46
CPFE30-300 200X100X2	30	300	12"	200	8"	100	4"	2/14660	2,61
CPFE30-300 300X100X2	30	300	12"	300	12"	100	4"	2/14661	2,89
CPFE30-300 400X100X2	30	300	12"	400	16"	100	4"	2/14662	3,18
CPFE30-300 500X100X2	30	300	12"	500	20"	100	4"	2/14663	3,89
CPFE30-300 600X100X2	30	300	12"	600	24"	100	4"	2/14664	4,27
CPFE30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/14665	2,84
CPFE30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/14666	3,01
CPFE30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/14667	3,36
CPFE30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/14668	3,70
CPFE30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/14669	4,58
CPFE30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/14670	5,03
CPFE30-300 150X150X2	30	300	12"	150	6"	150	6"	2/14671	3,32
CPFE30-300 200X150X2	30	300	12"	200	8"	150	6"	2/14672	3,50
CPFE30-300 300X150X2	30	300	12"	300	12"	150	6"	2/14673	3,87
CPFE30-300 400X150X2	30	300	12"	400	16"	150	6"	2/14674	4,24
CPFE30-300 500X150X2	30	300	12"	500	20"	150	6"	2/14675	5,14
CPFE30-300 600X150X2	30	300	12"	600	24"	150	6"	2/14676	5,62

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

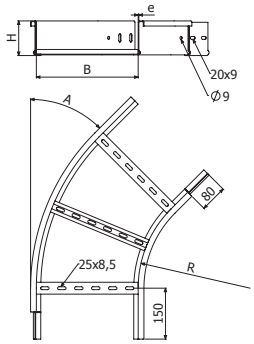
CPFE45-300

H75-H120

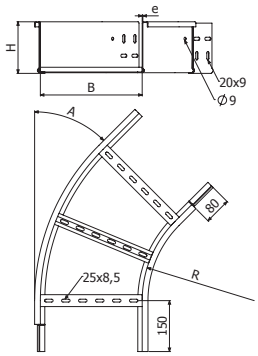
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE45-300 100X75X2	45	300	12"	100	4"	75	3"	2/14677	2,35
CPFE45-300 150X75X2	45	300	12"	150	6"	75	3"	2/14678	2,55
CPFE45-300 200X75X2	45	300	12"	200	8"	75	3"	2/14679	2,75
CPFE45-300 300X75X2	45	300	12"	300	12"	75	3"	2/14680	3,15
CPFE45-300 400X75X2	45	300	12"	400	16"	75	3"	2/14681	3,55
CPFE45-300 500X75X2	45	300	12"	500	20"	75	3"	2/14682	3,95
CPFE45-300 600X75X2	45	300	12"	600	24"	75	3"	2/14683	4,35
CPFE45-300 100X100X2	45	300	12"	100	4"	100	4"	2/14684	2,81
CPFE45-300 150X100X2	45	300	12"	150	6"	100	4"	2/14685	3,03
CPFE45-300 200X100X2	45	300	12"	200	8"	100	4"	2/14686	3,24
CPFE45-300 300X100X2	45	300	12"	300	12"	100	4"	2/14687	3,67
CPFE45-300 400X100X2	45	300	12"	400	16"	100	4"	2/14688	4,10
CPFE45-300 500X100X2	45	300	12"	500	20"	100	4"	2/14689	4,53
CPFE45-300 600X100X2	45	300	12"	600	24"	100	4"	2/14690	4,96
CPFE45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/14691	3,50
CPFE45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/14692	3,76
CPFE45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/14693	4,28
CPFE45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/14694	4,79
CPFE45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/14695	5,31
CPFE45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/14696	5,82
CPFE45-300 150X150X2	45	300	12"	150	6"	150	6"	2/14697	4,07
CPFE45-300 200X150X2	45	300	12"	200	8"	150	6"	2/14698	4,35
CPFE45-300 300X150X2	45	300	12"	300	12"	150	6"	2/14699	4,90
CPFE45-300 400X150X2	45	300	12"	400	16"	150	6"	2/14700	5,46
CPFE45-300 500X150X2	45	300	12"	500	20"	150	6"	2/14701	6,01
CPFE45-300 600X150X2	45	300	12"	600	24"	150	6"	2/14702	6,57

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

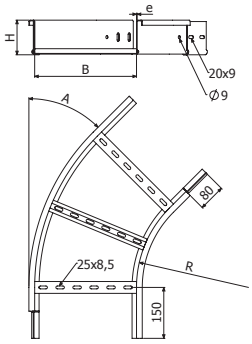
CPFE60-300

H75-H120

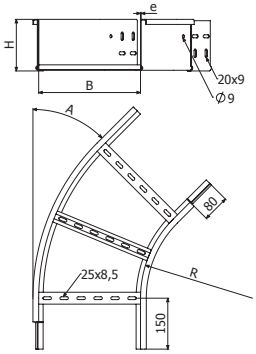
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE60-300 100X75X2	60	300	12"	100	4"	75	3"	2/14703	2,69
CPFE60-300 150X75X2	60	300	12"	150	6"	75	3"	2/14704	2,91
CPFE60-300 200X75X2	60	300	12"	200	8"	75	3"	2/14705	3,13
CPFE60-300 300X75X2	60	300	12"	300	12"	75	3"	2/14706	3,58
CPFE60-300 400X75X2	60	300	12"	400	16"	75	3"	2/14707	4,37
CPFE60-300 500X75X2	60	300	12"	500	20"	75	3"	2/14708	4,90
CPFE60-300 600X75X2	60	300	12"	600	24"	75	3"	2/14709	5,43
CPFE60-300 100X100X2	60	300	12"	100	4"	100	4"	2/14710	3,22
CPFE60-300 150X100X2	60	300	12"	150	6"	100	4"	2/14711	3,46
CPFE60-300 200X100X2	60	300	12"	200	8"	100	4"	2/14712	3,71
CPFE60-300 300X100X2	60	300	12"	300	12"	100	4"	2/14713	4,20
CPFE60-300 400X100X2	60	300	12"	400	16"	100	4"	2/14714	5,03
CPFE60-300 500X100X2	60	300	12"	500	20"	100	4"	2/14715	5,60
CPFE60-300 600X100X2	60	300	12"	600	24"	100	4"	2/14716	6,17
CPFE60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/14717	4,00
CPFE60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/14718	4,29
CPFE60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/14719	4,87
CPFE60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/14720	5,88
CPFE60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/14721	6,57
CPFE60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/14722	7,26
CPFE60-300 150X150X2	60	300	12"	150	6"	150	6"	2/14723	4,66
CPFE60-300 200X150X2	60	300	12"	200	8"	150	6"	2/14724	4,98
CPFE60-300 300X150X2	60	300	12"	300	12"	150	6"	2/14725	5,61
CPFE60-300 400X150X2	60	300	12"	400	16"	150	6"	2/14726	6,67
CPFE60-300 500X150X2	60	300	12"	500	20"	150	6"	2/14727	7,41
CPFE60-300 600X150X2	60	300	12"	600	24"	150	6"	2/14728	8,15

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

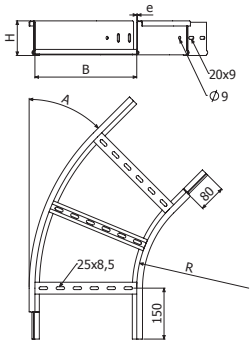
CPFE-300

H75-H120

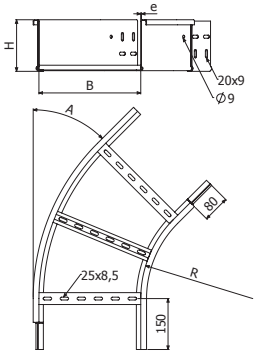
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE-300 100X75X2	90	300	12"	100	4"	75	3"	2/0887	3,46
CPFE-300 150X75X2	90	300	12"	150	6"	75	3"	2/0888	3,77
CPFE-300 200X75X2	90	300	12"	200	8"	75	3"	2/0889	4,07
CPFE-300 300X75X2	90	300	12"	300	12"	75	3"	2/0890	4,69
CPFE-300 400X75X2	90	300	12"	400	16"	75	3"	2/0891	5,63
CPFE-300 500X75X2	90	300	12"	500	20"	75	3"	2/0892	6,33
CPFE-300 600X75X2	90	300	12"	600	24"	75	3"	2/0893	7,53
CPFE-300 100X100X2	90	300	12"	100	4"	100	4"	2/0895	4,23
CPFE-300 150X100X2	90	300	12"	150	6"	100	4"	2/0896	4,57
CPFE-300 200X100X2	90	300	12"	200	8"	100	4"	2/0897	4,91
CPFE-300 300X100X2	90	300	12"	300	12"	100	4"	2/0898	5,59
CPFE-300 400X100X2	90	300	12"	400	16"	100	4"	2/0899	6,60
CPFE-300 500X100X2	90	300	12"	500	20"	100	4"	2/0900	7,36
CPFE-300 600X100X2	90	300	12"	600	24"	100	4"	2/0901	8,64
CPFE-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/6880	5,38
CPFE-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/6881	5,80
CPFE-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/6882	6,64
CPFE-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/6883	7,94
CPFE-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/6884	8,90
CPFE-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/6885	10,53
CPFE-300 150X150X2	90	300	12"	150	6"	150	6"	2/6886	6,33
CPFE-300 200X150X2	90	300	12"	200	8"	150	6"	2/6887	6,80
CPFE-300 300X150X2	90	300	12"	300	12"	150	6"	2/6888	7,72
CPFE-300 400X150X2	90	300	12"	400	16"	150	6"	2/6889	9,10
CPFE-300 500X150X2	90	300	12"	500	20"	150	6"	2/6890	10,14
CPFE-300 600X150X2	90	300	12"	600	24"	150	6"	2/6891	11,85

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

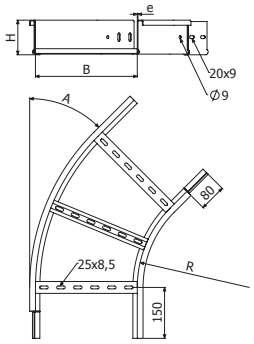
CPFE30-600

H75-H120

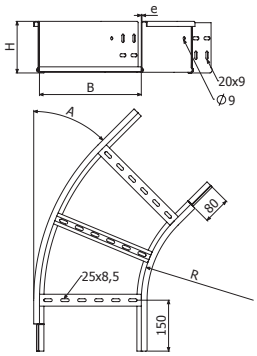
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE30-600 100X75X2	30	600	24"	100	4"	75	3"	2/14886	2,59
CPFE30-600 150X75X2	30	600	24"	150	6"	75	3"	2/14887	2,77
CPFE30-600 200X75X2	30	600	24"	200	8"	75	3"	2/14888	2,94
CPFE30-600 300X75X2	30	600	24"	300	12"	75	3"	2/14889	3,29
CPFE30-600 400X75X2	30	600	24"	400	16"	75	3"	2/14890	3,64
CPFE30-600 500X75X2	30	600	24"	500	20"	75	3"	2/14891	4,00
CPFE30-600 600X75X2	30	600	24"	600	24"	75	3"	2/14892	4,35
CPFE30-600 100X100X2	30	600	24"	100	4"	100	4"	2/14893	3,10
CPFE30-600 150X100X2	30	600	24"	150	6"	100	4"	2/14894	3,29
CPFE30-600 200X100X2	30	600	24"	200	8"	100	4"	2/14895	3,48
CPFE30-600 300X100X2	30	600	24"	300	12"	100	4"	2/14896	3,85
CPFE30-600 400X100X2	30	600	24"	400	16"	100	4"	2/14897	4,22
CPFE30-600 500X100X2	30	600	24"	500	20"	100	4"	2/14898	4,59
CPFE30-600 600X100X2	30	600	24"	600	24"	100	4"	2/14899	4,96
CPFE30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/14900	3,80
CPFE30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/14901	4,02
CPFE30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/14902	4,47
CPFE30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/14903	4,92
CPFE30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/14904	5,37
CPFE30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/14905	5,82
CPFE30-600 150X150X2	30	600	24"	150	6"	150	6"	2/14906	4,43
CPFE30-600 200X150X2	30	600	24"	200	8"	150	6"	2/14907	4,66
CPFE30-600 300X150X2	30	600	24"	300	12"	150	6"	2/14908	5,14
CPFE30-600 400X150X2	30	600	24"	400	16"	150	6"	2/14909	5,61
CPFE30-600 500X150X2	30	600	24"	500	20"	150	6"	2/14910	6,09
CPFE30-600 600X150X2	30	600	24"	600	24"	150	6"	2/14911	6,57

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

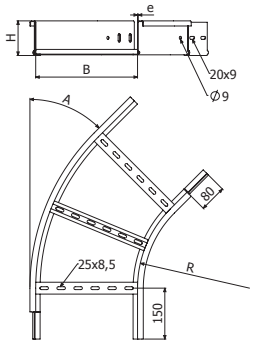
CPFE45-600

H75-H120

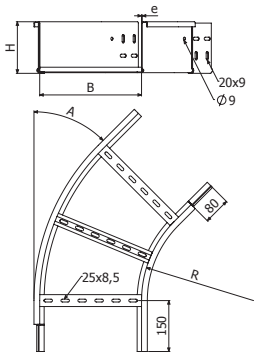
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE45-600 100X75X2	45	600	24"	100	4"	75	3"	2/14912	3,30
CPFE45-600 150X75X2	45	600	24"	150	6"	75	3"	2/14913	3,54
CPFE45-600 200X75X2	45	600	24"	200	8"	75	3"	2/14914	3,78
CPFE45-600 300X75X2	45	600	24"	300	12"	75	3"	2/14915	4,27
CPFE45-600 400X75X2	45	600	24"	400	16"	75	3"	2/14916	4,75
CPFE45-600 500X75X2	45	600	24"	500	20"	75	3"	2/14917	5,23
CPFE45-600 600X75X2	45	600	24"	600	24"	75	3"	2/14918	5,72
CPFE45-600 100X100X2	45	600	24"	100	4"	100	4"	2/14919	3,95
CPFE45-600 150X100X2	45	600	24"	150	6"	100	4"	2/14920	4,20
CPFE45-600 200X100X2	45	600	24"	200	8"	100	4"	2/14921	4,46
CPFE45-600 300X100X2	45	600	24"	300	12"	100	4"	2/14922	4,98
CPFE45-600 400X100X2	45	600	24"	400	16"	100	4"	2/14923	5,49
CPFE45-600 500X100X2	45	600	24"	500	20"	100	4"	2/14924	6,01
CPFE45-600 600X100X2	45	600	24"	600	24"	100	4"	2/14925	6,52
CPFE45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/14926	4,86
CPFE45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/14927	5,17
CPFE45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/14928	5,79
CPFE45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/14929	6,41
CPFE45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/14930	7,04
CPFE45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/14931	7,66
CPFE45-600 150X150X2	45	600	24"	150	6"	150	6"	2/14932	5,65
CPFE45-600 200X150X2	45	600	24"	200	8"	150	6"	2/14933	5,98
CPFE45-600 300X150X2	45	600	24"	300	12"	150	6"	2/14934	6,64
CPFE45-600 400X150X2	45	600	24"	400	16"	150	6"	2/14935	7,30
CPFE45-600 500X150X2	45	600	24"	500	20"	150	6"	2/14936	7,96
CPFE45-600 600X150X2	45	600	24"	600	24"	150	6"	2/14937	8,62

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

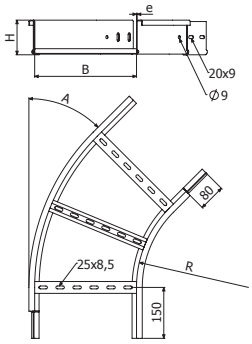
CPFE60-600

H75-H120

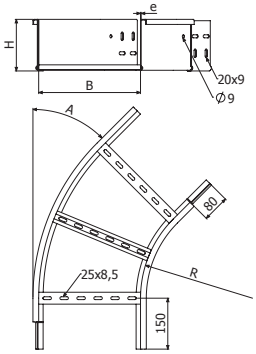
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE60-600 100X75X2	60	600	24"	100	4"	75	3"	2/15605	3,92
CPFE60-600 150X75X2	60	600	24"	150	6"	75	3"	2/15606	4,18
CPFE60-600 200X75X2	60	600	24"	200	8"	75	3"	2/15607	4,62
CPFE60-600 300X75X2	60	600	24"	300	12"	75	3"	2/15608	5,24
CPFE60-600 400X75X2	60	600	24"	400	16"	75	3"	2/15609	5,85
CPFE60-600 500X75X2	60	600	24"	500	20"	75	3"	2/15610	6,47
CPFE60-600 600X75X2	60	600	24"	600	24"	75	3"	2/15611	7,09
CPFE60-600 100X100X2	60	600	24"	100	4"	100	4"	2/15612	4,70
CPFE60-600 150X100X2	60	600	24"	150	6"	100	4"	2/15613	4,99
CPFE60-600 200X100X2	60	600	24"	200	8"	100	4"	2/15614	5,45
CPFE60-600 300X100X2	60	600	24"	300	12"	100	4"	2/15615	6,11
CPFE60-600 400X100X2	60	600	24"	400	16"	100	4"	2/15616	6,76
CPFE60-600 500X100X2	60	600	24"	500	20"	100	4"	2/15617	7,42
CPFE60-600 600X100X2	60	600	24"	600	24"	100	4"	2/15618	8,08
CPFE60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/15619	5,76
CPFE60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/15620	6,31
CPFE60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/15621	7,11
CPFE60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/15622	7,90
CPFE60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/15623	8,70
CPFE60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/15624	9,49
CPFE60-600 150X150X2	60	600	24"	150	6"	150	6"	2/15625	6,72
CPFE60-600 200X150X2	60	600	24"	200	8"	150	6"	2/15626	7,30
CPFE60-600 300X150X2	60	600	24"	300	12"	150	6"	2/15627	8,15
CPFE60-600 400X150X2	60	600	24"	400	16"	150	6"	2/15628	8,99
CPFE60-600 500X150X2	60	600	24"	500	20"	150	6"	2/15629	9,84
CPFE60-600 600X150X2	60	600	24"	600	24"	150	6"	2/15630	10,68

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

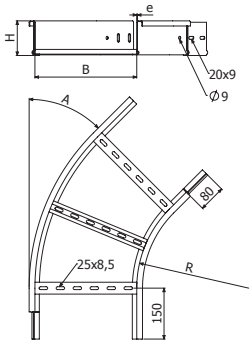
CPFE-600

H75-H120

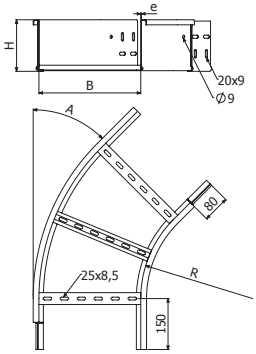
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPFE-600 100X75X2	90	600	24"	100	4"	75	3"	2/15631	5,33
CPFE-600 150X75X2	90	600	24"	150	6"	75	3"	2/15632	5,73
CPFE-600 200X75X2	90	600	24"	200	8"	75	3"	2/15633	6,13
CPFE-600 300X75X2	90	600	24"	300	12"	75	3"	2/15634	6,93
CPFE-600 400X75X2	90	600	24"	400	16"	75	3"	2/15635	8,06
CPFE-600 500X75X2	90	600	24"	500	20"	75	3"	2/15636	8,95
CPFE-600 600X75X2	90	600	24"	600	24"	75	3"	2/15637	9,83
CPFE-600 100X100X2	90	600	24"	100	4"	100	4"	2/15638	6,39
CPFE-600 150X100X2	90	600	24"	150	6"	100	4"	2/15639	6,82
CPFE-600 200X100X2	90	600	24"	200	8"	100	4"	2/15640	7,25
CPFE-600 300X100X2	90	600	24"	300	12"	100	4"	2/15641	8,11
CPFE-600 400X100X2	90	600	24"	400	16"	100	4"	2/15642	9,31
CPFE-600 500X100X2	90	600	24"	500	20"	100	4"	2/15643	10,26
CPFE-600 600X100X2	90	600	24"	600	24"	100	4"	2/15644	11,20
CPFE-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/15645	7,87
CPFE-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/15646	8,39
CPFE-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/15647	9,42
CPFE-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/15648	10,88
CPFE-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/15649	12,02
CPFE-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/15650	13,15
CPFE-600 150X150X2	90	600	24"	150	6"	150	6"	2/15651	9,18
CPFE-600 200X150X2	90	600	24"	200	8"	150	6"	2/15652	9,73
CPFE-600 300X150X2	90	600	24"	300	12"	150	6"	2/15653	10,84
CPFE-600 400X150X2	90	600	24"	400	16"	150	6"	2/15654	12,37
CPFE-600 500X150X2	90	600	24"	500	20"	150	6"	2/15655	13,59
CPFE-600 600X150X2	90	600	24"	600	24"	150	6"	2/15656	14,80

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

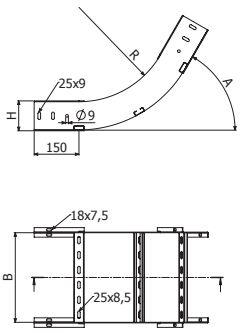
CCFE30-300

H75-H120

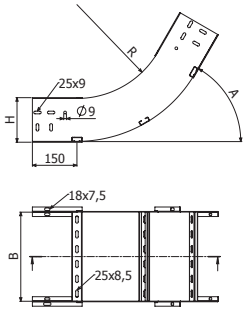
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE30-300 100X75X2	30	300	12"	100	4"	75	3"	2/14729	1,64
CCFE30-300 150X75X2	30	300	12"	150	6"	75	3"	2/14730	1,73
CCFE30-300 200X75X2	30	300	12"	200	8"	75	3"	2/14731	1,81
CCFE30-300 300X75X2	30	300	12"	300	12"	75	3"	2/14732	1,98
CCFE30-300 400X75X2	30	300	12"	400	16"	75	3"	2/14733	2,15
CCFE30-300 500X75X2	30	300	12"	500	20"	75	3"	2/14734	2,32
CCFE30-300 600X75X2	30	300	12"	600	24"	75	3"	2/14735	2,49
CCFE30-300 100X100X2	30	300	12"	100	4"	100	4"	2/14736	2,04
CCFE30-300 150X100X2	30	300	12"	150	6"	100	4"	2/14737	2,13
CCFE30-300 200X100X2	30	300	12"	200	8"	100	4"	2/14738	2,21
CCFE30-300 300X100X2	30	300	12"	300	12"	100	4"	2/14739	2,38
CCFE30-300 400X100X2	30	300	12"	400	16"	100	4"	2/14740	2,55
CCFE30-300 500X100X2	30	300	12"	500	20"	100	4"	2/14741	2,72
CCFE30-300 600X100X2	30	300	12"	600	24"	100	4"	2/14742	2,90
CCFE30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/14743	2,52
CCFE30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/14744	2,62
CCFE30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/14745	2,84
CCFE30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/14746	3,05
CCFE30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/14747	3,26
CCFE30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/14748	3,47
CCFE30-300 150X150X2	30	300	12"	150	6"	150	6"	2/14749	3,03
CCFE30-300 200X150X2	30	300	12"	200	8"	150	6"	2/14750	3,13
CCFE30-300 300X150X2	30	300	12"	300	12"	150	6"	2/14751	3,34
CCFE30-300 400X150X2	30	300	12"	400	16"	150	6"	2/14752	3,55
CCFE30-300 500X150X2	30	300	12"	500	20"	150	6"	2/14753	3,76
CCFE30-300 600X150X2	30	300	12"	600	24"	150	6"	2/14754	3,98

2 x JUFE



H75-H120



H150

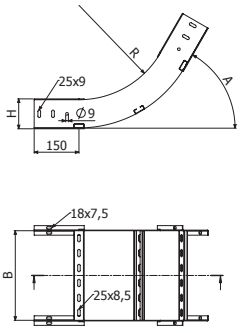
CCFE45-300

H75-H120

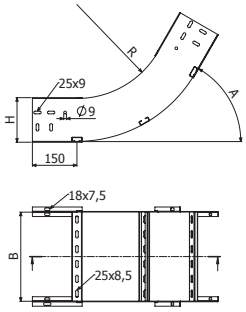
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE45-300 100X75X2	45	300	12"	100	4"	75	3"	2/14755	1,94
CCFE45-300 150X75X2	45	300	12"	150	6"	75	3"	2/14756	2,07
CCFE45-300 200X75X2	45	300	12"	200	8"	75	3"	2/14757	2,19
CCFE45-300 300X75X2	45	300	12"	300	12"	75	3"	2/14758	2,45
CCFE45-300 400X75X2	45	300	12"	400	16"	75	3"	2/14759	2,70
CCFE45-300 500X75X2	45	300	12"	500	20"	75	3"	2/14760	2,96
CCFE45-300 600X75X2	45	300	12"	600	24"	75	3"	2/14761	3,22
CCFE45-300 100X100X2	45	300	12"	100	4"	100	4"	2/14762	2,42
CCFE45-300 150X100X2	45	300	12"	150	6"	100	4"	2/14763	2,55
CCFE45-300 200X100X2	45	300	12"	200	8"	100	4"	2/14764	2,68
CCFE45-300 300X100X2	45	300	12"	300	12"	100	4"	2/14765	2,93
CCFE45-300 400X100X2	45	300	12"	400	16"	100	4"	2/14766	3,19
CCFE45-300 500X100X2	45	300	12"	500	20"	100	4"	2/14767	3,44
CCFE45-300 600X100X2	45	300	12"	600	24"	100	4"	2/14768	3,70
CCFE45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/14769	3,04
CCFE45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/14770	3,20
CCFE45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/14771	3,51
CCFE45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/14772	3,83
CCFE45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/14773	4,15
CCFE45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/14774	4,46
CCFE45-300 150X150X2	45	300	12"	150	6"	150	6"	2/14775	3,66
CCFE45-300 200X150X2	45	300	12"	200	8"	150	6"	2/14776	3,81
CCFE45-300 300X150X2	45	300	12"	300	12"	150	6"	2/14777	4,13
CCFE45-300 400X150X2	45	300	12"	400	16"	150	6"	2/14778	4,45
CCFE45-300 500X150X2	45	300	12"	500	20"	150	6"	2/14779	4,76
CCFE45-300 600X150X2	45	300	12"	600	24"	150	6"	2/14780	5,08

2 x JUFE



H75-H120



H150

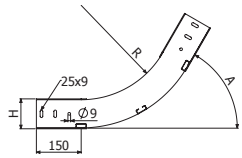
CCFE60-300

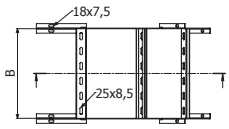
H75-H120

H150

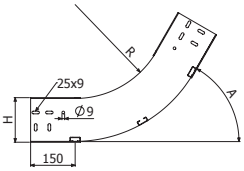
	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE60-300 100X75X2	60	300	12"	100	4"	75	3"	2/14781	2,15
CCFE60-300 150X75X2	60	300	12"	150	6"	75	3"	2/14782	2,28
CCFE60-300 200X75X2	60	300	12"	200	8"	75	3"	2/14783	2,41
CCFE60-300 300X75X2	60	300	12"	300	12"	75	3"	2/14784	2,66
CCFE60-300 400X75X2	60	300	12"	400	16"	75	3"	2/14785	2,92
CCFE60-300 500X75X2	60	300	12"	500	20"	75	3"	2/14786	3,17
CCFE60-300 600X75X2	60	300	12"	600	24"	75	3"	2/14787	3,43
CCFE60-300 100X100X2	60	300	12"	100	4"	100	4"	2/14788	2,71
CCFE60-300 150X100X2	60	300	12"	150	6"	100	4"	2/14789	2,84
CCFE60-300 200X100X2	60	300	12"	200	8"	100	4"	2/14790	2,97
CCFE60-300 300X100X2	60	300	12"	300	12"	100	4"	2/14791	3,23
CCFE60-300 400X100X2	60	300	12"	400	16"	100	4"	2/14792	3,48
CCFE60-300 500X100X2	60	300	12"	500	20"	100	4"	2/14793	3,74
CCFE60-300 600X100X2	60	300	12"	600	24"	100	4"	2/14794	3,99
CCFE60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/14795	3,40
CCFE60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/14796	3,56
CCFE60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/14797	3,88
CCFE60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/14798	4,19
CCFE60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/14799	4,51
CCFE60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/14800	4,83
CCFE60-300 150X150X2	60	300	12"	150	6"	150	6"	2/14801	4,13
CCFE60-300 200X150X2	60	300	12"	200	8"	150	6"	2/14802	4,28
CCFE60-300 300X150X2	60	300	12"	300	12"	150	6"	2/14803	4,60
CCFE60-300 400X150X2	60	300	12"	400	16"	150	6"	2/14804	4,92
CCFE60-300 500X150X2	60	300	12"	500	20"	150	6"	2/14805	5,24
CCFE60-300 600X150X2	60	300	12"	600	24"	150	6"	2/14806	5,55

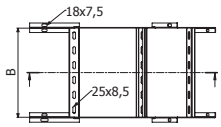
2 x JUFE





H75-H120





H150

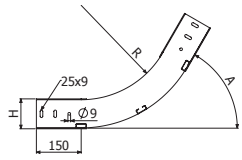
CCFE-300

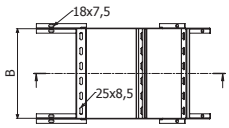
H75-H120

H150

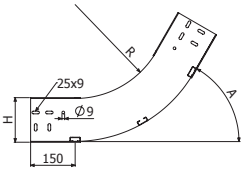
	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE-300 100X75X2	90	300	12"	100	4"	75	3"	2/4794	2,71
CCFE-300 150X75X2	90	300	12"	150	6"	75	3"	2/4596	2,88
CCFE-300 200X75X2	90	300	12"	200	8"	75	3"	2/4548	3,07
CCFE-300 300X75X2	90	300	12"	300	12"	75	3"	2/4549	3,43
CCFE-300 400X75X2	90	300	12"	400	16"	75	3"	2/0802	3,78
CCFE-300 500X75X2	90	300	12"	500	20"	75	3"	2/0803	4,14
CCFE-300 600X75X2	90	300	12"	600	24"	75	3"	2/0804	4,50
CCFE-300 100X100X2	90	300	12"	100	4"	100	4"	2/0805	3,50
CCFE-300 150X100X2	90	300	12"	150	6"	100	4"	2/0806	3,69
CCFE-300 200X100X2	90	300	12"	200	8"	100	4"	2/0807	3,86
CCFE-300 300X100X2	90	300	12"	300	12"	100	4"	2/0808	4,22
CCFE-300 400X100X2	90	300	12"	400	16"	100	4"	2/0809	4,59
CCFE-300 500X100X2	90	300	12"	500	20"	100	4"	2/0810	4,94
CCFE-300 600X100X2	90	300	12"	600	24"	100	4"	2/0811	5,30
CCFE-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/6892	4,51
CCFE-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/6893	4,74
CCFE-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/6894	5,22
CCFE-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/6895	5,69
CCFE-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/6896	6,16
CCFE-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/6897	6,64
CCFE-300 150X150X2	90	300	12"	150	6"	150	6"	2/6898	5,50
CCFE-300 200X150X2	90	300	12"	200	8"	150	6"	2/6899	5,73
CCFE-300 300X150X2	90	300	12"	300	12"	150	6"	2/6900	6,21
CCFE-300 400X150X2	90	300	12"	400	16"	150	6"	2/6901	6,68
CCFE-300 500X150X2	90	300	12"	500	20"	150	6"	2/6902	7,15
CCFE-300 600X150X2	90	300	12"	600	24"	150	6"	2/6903	7,63

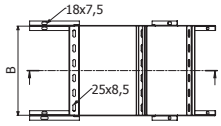
2 x JUFE





H75-H120





H150

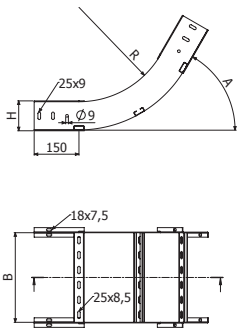
CCFE30-600

H75-H120

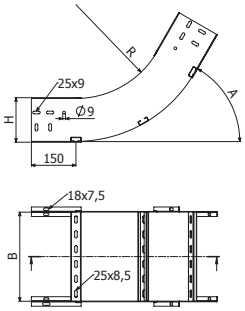
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE30-600 100X75X2	30	600	24"	100	4"	75	3"	2/15657	2,10
CCFE30-600 150X75X2	30	600	24"	150	6"	75	3"	2/15658	2,23
CCFE30-600 200X75X2	30	600	24"	200	8"	75	3"	2/15659	2,36
CCFE30-600 300X75X2	30	600	24"	300	12"	75	3"	2/15660	2,61
CCFE30-600 400X75X2	30	600	24"	400	16"	75	3"	2/15661	2,87
CCFE30-600 500X75X2	30	600	24"	500	20"	75	3"	2/15662	3,13
CCFE30-600 600X75X2	30	600	24"	600	24"	75	3"	2/15663	3,38
CCFE30-600 100X100X2	30	600	24"	100	4"	100	4"	2/15664	2,63
CCFE30-600 150X100X2	30	600	24"	150	6"	100	4"	2/15665	2,76
CCFE30-600 200X100X2	30	600	24"	200	8"	100	4"	2/15666	2,89
CCFE30-600 300X100X2	30	600	24"	300	12"	100	4"	2/15667	3,14
CCFE30-600 400X100X2	30	600	24"	400	16"	100	4"	2/15668	3,40
CCFE30-600 500X100X2	30	600	24"	500	20"	100	4"	2/15669	3,65
CCFE30-600 600X100X2	30	600	24"	600	24"	100	4"	2/15670	3,91
CCFE30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/15671	3,28
CCFE30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/15672	3,44
CCFE30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/15673	3,76
CCFE30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/15674	4,07
CCFE30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/15675	4,39
CCFE30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/15676	4,71
CCFE30-600 150X150X2	30	600	24"	150	6"	150	6"	2/15677	3,94
CCFE30-600 200X150X2	30	600	24"	200	8"	150	6"	2/15678	4,10
CCFE30-600 300X150X2	30	600	24"	300	12"	150	6"	2/15679	4,41
CCFE30-600 400X150X2	30	600	24"	400	16"	150	6"	2/15680	4,73
CCFE30-600 500X150X2	30	600	24"	500	20"	150	6"	2/15681	5,05
CCFE30-600 600X150X2	30	600	24"	600	24"	150	6"	2/15682	5,36

2 x JUFE



H75-H120



H150

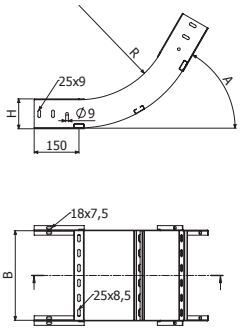
CCFE45-600

H75-H120

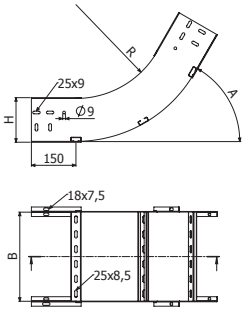
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE45-600 100X75X2	45	600	24"	100	4"	75	3"	2/15683	2,59
CCFE45-600 150X75X2	45	600	24"	150	6"	75	3"	2/15684	2,76
CCFE45-600 200X75X2	45	600	24"	200	8"	75	3"	2/15685	2,93
CCFE45-600 300X75X2	45	600	24"	300	12"	75	3"	2/15686	3,27
CCFE45-600 400X75X2	45	600	24"	400	16"	75	3"	2/15687	3,61
CCFE45-600 500X75X2	45	600	24"	500	20"	75	3"	2/15688	3,95
CCFE45-600 600X75X2	45	600	24"	600	24"	75	3"	2/15689	4,29
CCFE45-600 100X100X2	45	600	24"	100	4"	100	4"	2/15690	3,26
CCFE45-600 150X100X2	45	600	24"	150	6"	100	4"	2/15691	3,43
CCFE45-600 200X100X2	45	600	24"	200	8"	100	4"	2/15692	3,60
CCFE45-600 300X100X2	45	600	24"	300	12"	100	4"	2/15693	3,94
CCFE45-600 400X100X2	45	600	24"	400	16"	100	4"	2/15694	4,28
CCFE45-600 500X100X2	45	600	24"	500	20"	100	4"	2/15695	4,62
CCFE45-600 600X100X2	45	600	24"	600	24"	100	4"	2/15696	4,96
CCFE45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/15697	4,10
CCFE45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/15698	4,31
CCFE45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/15699	4,74
CCFE45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/15700	5,16
CCFE45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/15701	5,58
CCFE45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/15702	6,00
CCFE45-600 150X150X2	45	600	24"	150	6"	150	6"	2/15703	4,94
CCFE45-600 200X150X2	45	600	24"	200	8"	150	6"	2/15704	5,16
CCFE45-600 300X150X2	45	600	24"	300	12"	150	6"	2/15705	5,58
CCFE45-600 400X150X2	45	600	24"	400	16"	150	6"	2/15706	6,00
CCFE45-600 500X150X2	45	600	24"	500	20"	150	6"	2/15707	6,42
CCFE45-600 600X150X2	45	600	24"	600	24"	150	6"	2/15708	6,85

2 x JUFE



H75-H120



H150

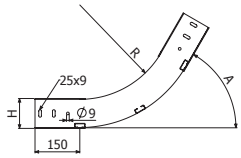
CCFE60-600

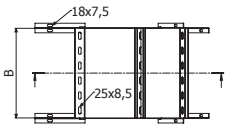
H75-H120

H150

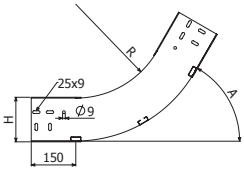
	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE60-600 100X75X2	60	600	24"	100	4"	75	3"	2/15709	2,99
CCFE60-600 150X75X2	60	600	24"	150	6"	75	3"	2/15710	3,16
CCFE60-600 200X75X2	60	600	24"	200	8"	75	3"	2/15711	3,33
CCFE60-600 300X75X2	60	600	24"	300	12"	75	3"	2/15712	3,67
CCFE60-600 400X75X2	60	600	24"	400	16"	75	3"	2/15713	4,01
CCFE60-600 500X75X2	60	600	24"	500	20"	75	3"	2/15714	4,35
CCFE60-600 600X75X2	60	600	24"	600	24"	75	3"	2/15715	4,69
CCFE60-600 100X100X2	60	600	24"	100	4"	100	4"	2/15716	3,81
CCFE60-600 150X100X2	60	600	24"	150	6"	100	4"	2/15717	3,98
CCFE60-600 200X100X2	60	600	24"	200	8"	100	4"	2/15718	4,15
CCFE60-600 300X100X2	60	600	24"	300	12"	100	4"	2/15719	4,49
CCFE60-600 400X100X2	60	600	24"	400	16"	100	4"	2/15720	4,83
CCFE60-600 500X100X2	60	600	24"	500	20"	100	4"	2/15721	5,17
CCFE60-600 600X100X2	60	600	24"	600	24"	100	4"	2/15722	5,51
CCFE60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/15723	4,77
CCFE60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/15724	4,98
CCFE60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/15725	5,40
CCFE60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/15726	5,82
CCFE60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/15727	6,24
CCFE60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/15728	6,67
CCFE60-600 150X150X2	60	600	24"	150	6"	150	6"	2/15729	5,95
CCFE60-600 200X150X2	60	600	24"	200	8"	150	6"	2/15730	6,22
CCFE60-600 300X150X2	60	600	24"	300	12"	150	6"	2/15731	6,74
CCFE60-600 400X150X2	60	600	24"	400	16"	150	6"	2/15732	7,27
CCFE60-600 500X150X2	60	600	24"	500	20"	150	6"	2/15733	7,80
CCFE60-600 600X150X2	60	600	24"	600	24"	150	6"	2/15734	8,33

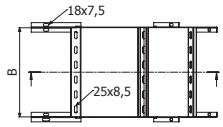
2 x JUFE





H75-H120





H150

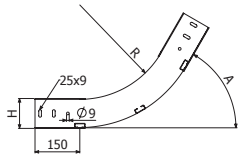
CCFE-600

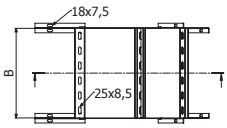
H75-H120

H150

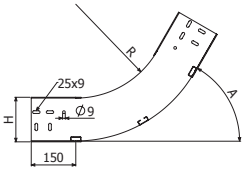
	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCFE-600 100X75X2	90	600	24"	100	4"	75	3"	2/15735	3,96
CCFE-600 150X75X2	90	600	24"	150	6"	75	3"	2/15736	4,22
CCFE-600 200X75X2	90	600	24"	200	8"	75	3"	2/15737	4,47
CCFE-600 300X75X2	90	600	24"	300	12"	75	3"	2/15738	4,98
CCFE-600 400X75X2	90	600	24"	400	16"	75	3"	2/15739	5,49
CCFE-600 500X75X2	90	600	24"	500	20"	75	3"	2/15740	6,01
CCFE-600 600X75X2	90	600	24"	600	24"	75	3"	2/15741	6,52
CCFE-600 100X100X2	90	600	24"	100	4"	100	4"	2/15742	5,06
CCFE-600 150X100X2	90	600	24"	150	6"	100	4"	2/15743	5,32
CCFE-600 200X100X2	90	600	24"	200	8"	100	4"	2/15744	5,58
CCFE-600 300X100X2	90	600	24"	300	12"	100	4"	2/15745	6,09
CCFE-600 400X100X2	90	600	24"	400	16"	100	4"	2/15746	6,60
CCFE-600 500X100X2	90	600	24"	500	20"	100	4"	2/15747	7,11
CCFE-600 600X100X2	90	600	24"	600	24"	100	4"	2/15748	7,62
CCFE-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/15749	6,41
CCFE-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/15750	6,73
CCFE-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/7037	7,36
CCFE-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/15751	7,99
CCFE-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/15752	8,63
CCFE-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/7036	9,26
CCFE-600 150X150X2	90	600	24"	150	6"	150	6"	2/15753	7,81
CCFE-600 200X150X2	90	600	24"	200	8"	150	6"	2/15754	8,12
CCFE-600 300X150X2	90	600	24"	300	12"	150	6"	2/15755	8,76
CCFE-600 400X150X2	90	600	24"	400	16"	150	6"	2/15756	9,39
CCFE-600 500X150X2	90	600	24"	500	20"	150	6"	2/15757	10,02
CCFE-600 600X150X2	90	600	24"	600	24"	150	6"	2/15758	10,66

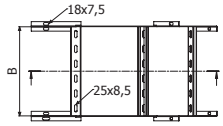
2 x JUFE





H75-H120





H150

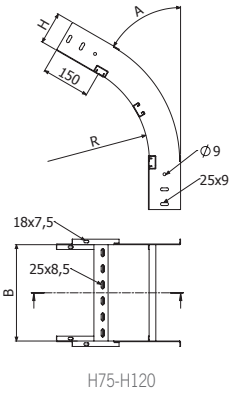
CXFE30-300

H75-H120

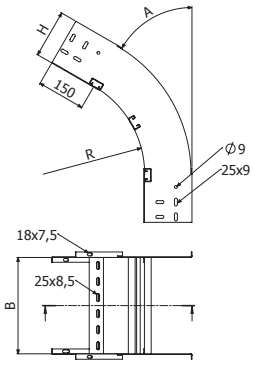
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE30-300 100X75X2	30	300	12"	100	4"	75	3"	2/14807	1,64
CXFE30-300 150X75X2	30	300	12"	150	6"	75	3"	2/14808	1,73
CXFE30-300 200X75X2	30	300	12"	200	8"	75	3"	2/14810	1,81
CXFE30-300 300X75X2	30	300	12"	300	12"	75	3"	2/14811	1,98
CXFE30-300 400X75X2	30	300	12"	400	16"	75	3"	2/14812	2,15
CXFE30-300 500X75X2	30	300	12"	500	20"	75	3"	2/14813	2,32
CXFE30-300 600X75X2	30	300	12"	600	24"	75	3"	2/14814	2,49
CXFE30-300 100X100X2	30	300	12"	100	4"	100	4"	2/14815	2,04
CXFE30-300 150X100X2	30	300	12"	150	6"	100	4"	2/14816	2,13
CXFE30-300 200X100X2	30	300	12"	200	8"	100	4"	2/14817	2,21
CXFE30-300 300X100X2	30	300	12"	300	12"	100	4"	2/14818	2,38
CXFE30-300 400X100X2	30	300	12"	400	16"	100	4"	2/14819	2,55
CXFE30-300 500X100X2	30	300	12"	500	20"	100	4"	2/14820	2,72
CXFE30-300 600X100X2	30	300	12"	600	24"	100	4"	2/14821	2,90
CXFE30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/14822	2,52
CXFE30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/14823	2,62
CXFE30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/14824	2,84
CXFE30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/14825	3,05
CXFE30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/14826	3,26
CXFE30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/14827	3,47
CXFE30-300 150X150X2	30	300	12"	150	6"	150	6"	2/14828	3,03
CXFE30-300 200X150X2	30	300	12"	200	8"	150	6"	2/14829	3,13
CXFE30-300 300X150X2	30	300	12"	300	12"	150	6"	2/14830	3,34
CXFE30-300 400X150X2	30	300	12"	400	16"	150	6"	2/14831	3,55
CXFE30-300 500X150X2	30	300	12"	500	20"	150	6"	2/14832	3,76
CXFE30-300 600X150X2	30	300	12"	600	24"	150	6"	2/14833	3,98

2 x JUFE



H75-H120



H150

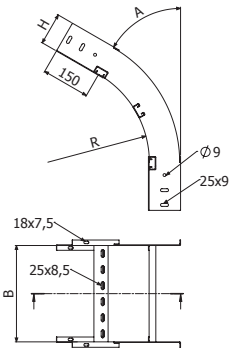
CXFE45-300

H75-H120

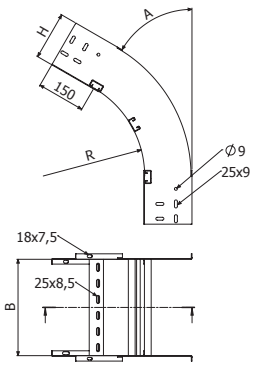
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE45-300 100X75X2	45	300	12"	100	4"	75	3"	2/14834	1,94
CXFE45-300 150X75X2	45	300	12"	150	6"	75	3"	2/14835	2,07
CXFE45-300 200X75X2	45	300	12"	200	8"	75	3"	2/14836	2,19
CXFE45-300 300X75X2	45	300	12"	300	12"	75	3"	2/14837	2,45
CXFE45-300 400X75X2	45	300	12"	400	16"	75	3"	2/14838	2,70
CXFE45-300 500X75X2	45	300	12"	500	20"	75	3"	2/14839	2,96
CXFE45-300 600X75X2	45	300	12"	600	24"	75	3"	2/14840	3,22
CXFE45-300 100X100X2	45	300	12"	100	4"	100	4"	2/14841	2,42
CXFE45-300 150X100X2	45	300	12"	150	6"	100	4"	2/14842	2,55
CXFE45-300 200X100X2	45	300	12"	200	8"	100	4"	2/14843	2,68
CXFE45-300 300X100X2	45	300	12"	300	12"	100	4"	2/14844	2,93
CXFE45-300 400X100X2	45	300	12"	400	16"	100	4"	2/14845	3,19
CXFE45-300 500X100X2	45	300	12"	500	20"	100	4"	2/14846	3,44
CXFE45-300 600X100X2	45	300	12"	600	24"	100	4"	2/14847	3,70
CXFE45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/14848	3,04
CXFE45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/14849	3,20
CXFE45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/14850	3,51
CXFE45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/14851	3,83
CXFE45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/14852	4,15
CXFE45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/14853	4,46
CXFE45-300 150X150X2	45	300	12"	150	6"	150	6"	2/14854	3,66
CXFE45-300 200X150X2	45	300	12"	200	8"	150	6"	2/14855	3,81
CXFE45-300 300X150X2	45	300	12"	300	12"	150	6"	2/14856	4,13
CXFE45-300 400X150X2	45	300	12"	400	16"	150	6"	2/14857	4,45
CXFE45-300 500X150X2	45	300	12"	500	20"	150	6"	2/14858	4,76
CXFE45-300 600X150X2	45	300	12"	600	24"	150	6"	2/14859	5,08

2 x JUFE



H75-H120



H150

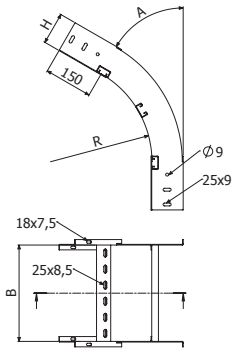
CXFE60-300

H75-H120

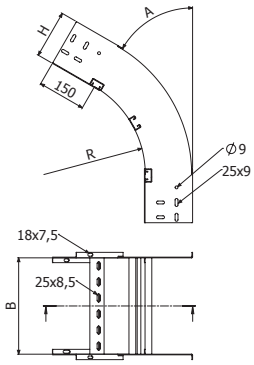
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE60-300 100X75X2	60	300	12"	100	4"	75	3"	2/14860	2,15
CXFE60-300 150X75X2	60	300	12"	150	6"	75	3"	2/14861	2,28
CXFE60-300 200X75X2	60	300	12"	200	8"	75	3"	2/14862	2,41
CXFE60-300 300X75X2	60	300	12"	300	12"	75	3"	2/14863	2,66
CXFE60-300 400X75X2	60	300	12"	400	16"	75	3"	2/14864	2,92
CXFE60-300 500X75X2	60	300	12"	500	20"	75	3"	2/14865	3,17
CXFE60-300 600X75X2	60	300	12"	600	24"	75	3"	2/14866	3,43
CXFE60-300 100X100X2	60	300	12"	100	4"	100	4"	2/14867	2,71
CXFE60-300 150X100X2	60	300	12"	150	6"	100	4"	2/14868	2,84
CXFE60-300 200X100X2	60	300	12"	200	8"	100	4"	2/14869	2,97
CXFE60-300 300X100X2	60	300	12"	300	12"	100	4"	2/14870	3,23
CXFE60-300 400X100X2	60	300	12"	400	16"	100	4"	2/14871	3,48
CXFE60-300 500X100X2	60	300	12"	500	20"	100	4"	2/14872	3,74
CXFE60-300 600X100X2	60	300	12"	600	24"	100	4"	2/14873	3,99
CXFE60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/14874	3,40
CXFE60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/14875	3,56
CXFE60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/14876	3,88
CXFE60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/14877	4,19
CXFE60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/14878	4,51
CXFE60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/14879	4,83
CXFE60-300 150X150X2	60	300	12"	150	6"	150	6"	2/14880	4,13
CXFE60-300 200X150X2	60	300	12"	200	8"	150	6"	2/14881	4,28
CXFE60-300 300X150X2	60	300	12"	300	12"	150	6"	2/14882	4,60
CXFE60-300 400X150X2	60	300	12"	400	16"	150	6"	2/14883	4,92
CXFE60-300 500X150X2	60	300	12"	500	20"	150	6"	2/14884	5,24
CXFE60-300 600X150X2	60	300	12"	600	24"	150	6"	2/14885	5,55

2 x JUFE



H75-H120



H150

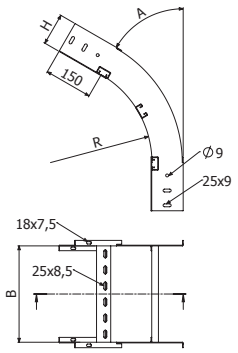
CXFE-300

H75-H120

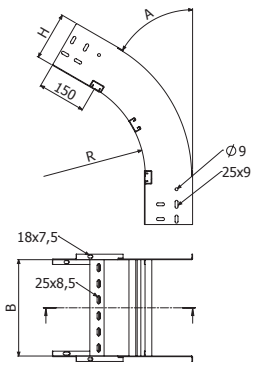
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE-300 100X75X2	90	300	12"	100	4"	75	3"	2/0909	2,61
CXFE-300 150X75X2	90	300	12"	150	6"	75	3"	2/0910	2,75
CXFE-300 200X75X2	90	300	12"	200	8"	75	3"	2/0911	2,88
CXFE-300 300X75X2	90	300	12"	300	12"	75	3"	2/0912	3,15
CXFE-300 400X75X2	90	300	12"	400	16"	75	3"	2/0913	3,43
CXFE-300 500X75X2	90	300	12"	500	20"	75	3"	2/0914	3,70
CXFE-300 600X75X2	90	300	12"	600	24"	75	3"	2/0915	3,97
CXFE-300 100X100X2	90	300	12"	100	4"	100	4"	2/0916	3,41
CXFE-300 150X100X2	90	300	12"	150	6"	100	4"	2/0917	3,55
CXFE-300 200X100X2	90	300	12"	200	8"	100	4"	2/0918	3,69
CXFE-300 300X100X2	90	300	12"	300	12"	100	4"	2/0919	3,95
CXFE-300 400X100X2	90	300	12"	400	16"	100	4"	2/0920	4,22
CXFE-300 500X100X2	90	300	12"	500	20"	100	4"	2/0921	4,49
CXFE-300 600X100X2	90	300	12"	600	24"	100	4"	2/0922	4,76
CXFE-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/6904	4,32
CXFE-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/6905	4,51
CXFE-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/6906	4,86
CXFE-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/6907	5,21
CXFE-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/6908	5,57
CXFE-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/6909	5,92
CXFE-300 150X150X2	90	300	12"	150	6"	150	6"	2/6910	5,31
CXFE-300 200X150X2	90	300	12"	200	8"	150	6"	2/6911	5,50
CXFE-300 300X150X2	90	300	12"	300	12"	150	6"	2/6912	5,85
CXFE-300 400X150X2	90	300	12"	400	16"	150	6"	2/6913	6,21
CXFE-300 500X150X2	90	300	12"	500	20"	150	6"	2/6914	6,56
CXFE-300 600X150X2	90	300	12"	600	24"	150	6"	2/6915	6,91

2 x JUFE



H75-H120



H150

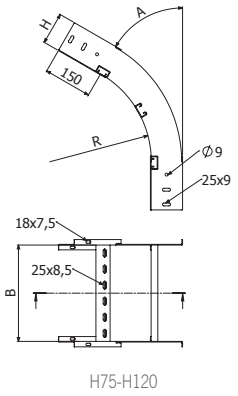
CXFE30-600

H75-H120

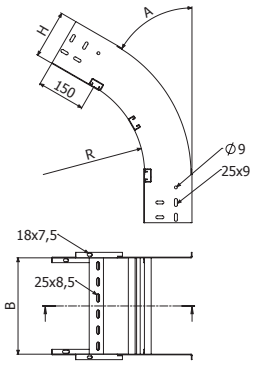
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE30-600 100X75X2	30	600	24"	100	4"	75	3"	2/15759	2,10
CXFE30-600 150X75X2	30	600	24"	150	6"	75	3"	2/15760	2,23
CXFE30-600 200X75X2	30	600	24"	200	8"	75	3"	2/15761	2,36
CXFE30-600 300X75X2	30	600	24"	300	12"	75	3"	2/15762	2,61
CXFE30-600 400X75X2	30	600	24"	400	16"	75	3"	2/15763	2,87
CXFE30-600 500X75X2	30	600	24"	500	20"	75	3"	2/15764	3,13
CXFE30-600 600X75X2	30	600	24"	600	24"	75	3"	2/15765	3,38
CXFE30-600 100X100X2	30	600	24"	100	4"	100	4"	2/15766	2,63
CXFE30-600 150X100X2	30	600	24"	150	6"	100	4"	2/15767	2,76
CXFE30-600 200X100X2	30	600	24"	200	8"	100	4"	2/15768	2,89
CXFE30-600 300X100X2	30	600	24"	300	12"	100	4"	2/15769	3,14
CXFE30-600 400X100X2	30	600	24"	400	16"	100	4"	2/15770	3,40
CXFE30-600 500X100X2	30	600	24"	500	20"	100	4"	2/15771	3,65
CXFE30-600 600X100X2	30	600	24"	600	24"	100	4"	2/15772	3,91
CXFE30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/15773	3,28
CXFE30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/15774	3,44
CXFE30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/15775	3,76
CXFE30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/15776	4,07
CXFE30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/15777	4,39
CXFE30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/15778	4,71
CXFE30-600 150X150X2	30	600	24"	150	6"	150	6"	2/15779	3,94
CXFE30-600 200X150X2	30	600	24"	200	8"	150	6"	2/15780	4,10
CXFE30-600 300X150X2	30	600	24"	300	12"	150	6"	2/15781	4,41
CXFE30-600 400X150X2	30	600	24"	400	16"	150	6"	2/15782	4,73
CXFE30-600 500X150X2	30	600	24"	500	20"	150	6"	2/15783	5,05
CXFE30-600 600X150X2	30	600	24"	600	24"	150	6"	2/15784	5,36

2 x JUFE



H75-H120



H150

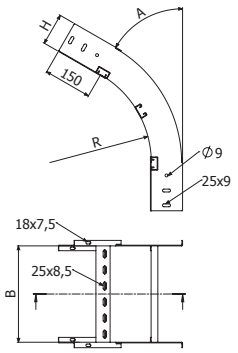
CXFE45-600

H75-H120

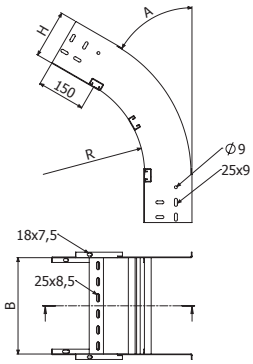
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE45-600 100X75X2	45	600	24"	100	4"	75	3"	2/15785	2,59
CXFE45-600 150X75X2	45	600	24"	150	6"	75	3"	2/15786	2,76
CXFE45-600 200X75X2	45	600	24"	200	8"	75	3"	2/15787	2,93
CXFE45-600 300X75X2	45	600	24"	300	12"	75	3"	2/15788	3,27
CXFE45-600 400X75X2	45	600	24"	400	16"	75	3"	2/15789	3,61
CXFE45-600 500X75X2	45	600	24"	500	20"	75	3"	2/15790	3,95
CXFE45-600 600X75X2	45	600	24"	600	24"	75	3"	2/15791	4,29
CXFE45-600 100X100X2	45	600	24"	100	4"	100	4"	2/15792	3,26
CXFE45-600 150X100X2	45	600	24"	150	6"	100	4"	2/15793	3,43
CXFE45-600 200X100X2	45	600	24"	200	8"	100	4"	2/15794	3,60
CXFE45-600 300X100X2	45	600	24"	300	12"	100	4"	2/15795	3,94
CXFE45-600 400X100X2	45	600	24"	400	16"	100	4"	2/15796	4,28
CXFE45-600 500X100X2	45	600	24"	500	20"	100	4"	2/15797	4,62
CXFE45-600 600X100X2	45	600	24"	600	24"	100	4"	2/15798	4,96
CXFE45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/15799	4,10
CXFE45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/15800	4,31
CXFE45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/15801	4,74
CXFE45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/15802	5,16
CXFE45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/15803	5,58
CXFE45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/15804	6,00
CXFE45-600 150X150X2	45	600	24"	150	6"	150	6"	2/15805	4,94
CXFE45-600 200X150X2	45	600	24"	200	8"	150	6"	2/15806	5,16
CXFE45-600 300X150X2	45	600	24"	300	12"	150	6"	2/15807	5,58
CXFE45-600 400X150X2	45	600	24"	400	16"	150	6"	2/15808	6,00
CXFE45-600 500X150X2	45	600	24"	500	20"	150	6"	2/15809	6,42
CXFE45-600 600X150X2	45	600	24"	600	24"	150	6"	2/15810	6,85

2 x JUFE



H75-H120



H150

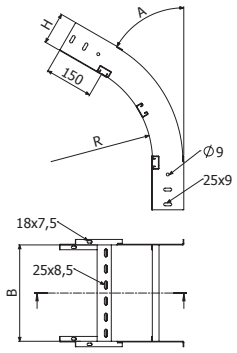
CXFE60-600

H75-H120

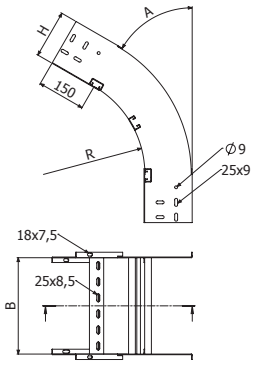
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE60-600 100X75X2	60	600	24"	100	4"	75	3"	2/15811	2,99
CXFE60-600 150X75X2	60	600	24"	150	6"	75	3"	2/15812	3,16
CXFE60-600 200X75X2	60	600	24"	200	8"	75	3"	2/15813	3,33
CXFE60-600 300X75X2	60	600	24"	300	12"	75	3"	2/15814	3,67
CXFE60-600 400X75X2	60	600	24"	400	16"	75	3"	2/15815	4,01
CXFE60-600 500X75X2	60	600	24"	500	20"	75	3"	2/15816	4,35
CXFE60-600 600X75X2	60	600	24"	600	24"	75	3"	2/15817	4,69
CXFE60-600 100X100X2	60	600	24"	100	4"	100	4"	2/15818	3,81
CXFE60-600 150X100X2	60	600	24"	150	6"	100	4"	2/15819	3,98
CXFE60-600 200X100X2	60	600	24"	200	8"	100	4"	2/15820	4,15
CXFE60-600 300X100X2	60	600	24"	300	12"	100	4"	2/15821	4,49
CXFE60-600 400X100X2	60	600	24"	400	16"	100	4"	2/15822	4,83
CXFE60-600 500X100X2	60	600	24"	500	20"	100	4"	2/15823	5,17
CXFE60-600 600X100X2	60	600	24"	600	24"	100	4"	2/15824	5,51
CXFE60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/15825	4,77
CXFE60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/15826	4,98
CXFE60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/15827	5,40
CXFE60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/15828	5,82
CXFE60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/15829	6,24
CXFE60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/15830	6,67
CXFE60-600 150X150X2	60	600	24"	150	6"	150	6"	2/15831	5,95
CXFE60-600 200X150X2	60	600	24"	200	8"	150	6"	2/15832	6,22
CXFE60-600 300X150X2	60	600	24"	300	12"	150	6"	2/15833	6,74
CXFE60-600 400X150X2	60	600	24"	400	16"	150	6"	2/15834	7,27
CXFE60-600 500X150X2	60	600	24"	500	20"	150	6"	2/15835	7,80
CXFE60-600 600X150X2	60	600	24"	600	24"	150	6"	2/15836	8,33

2 x JUFE



H75-H120



H150

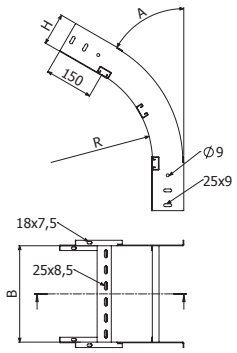
CXFE-600

H75-H120

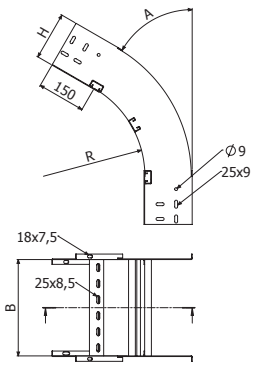
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXFE-600 100X75X2	90	600	24"	100	4"	75	3"	2/15837	3,96
CXFE-600 150X75X2	90	600	24"	150	6"	75	3"	2/15838	4,22
CXFE-600 200X75X2	90	600	24"	200	8"	75	3"	2/15839	4,47
CXFE-600 300X75X2	90	600	24"	300	12"	75	3"	2/15840	4,98
CXFE-600 400X75X2	90	600	24"	400	16"	75	3"	2/15841	5,49
CXFE-600 500X75X2	90	600	24"	500	20"	75	3"	2/15842	6,01
CXFE-600 600X75X2	90	600	24"	600	24"	75	3"	2/15843	6,52
CXFE-600 100X100X2	90	600	24"	100	4"	100	4"	2/15844	5,06
CXFE-600 150X100X2	90	600	24"	150	6"	100	4"	2/15845	5,32
CXFE-600 200X100X2	90	600	24"	200	8"	100	4"	2/15846	5,58
CXFE-600 300X100X2	90	600	24"	300	12"	100	4"	2/15847	6,09
CXFE-600 400X100X2	90	600	24"	400	16"	100	4"	2/15848	6,60
CXFE-600 500X100X2	90	600	24"	500	20"	100	4"	2/15849	7,11
CXFE-600 600X100X2	90	600	24"	600	24"	100	4"	2/15850	7,62
CXFE-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/15851	6,41
CXFE-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/15852	6,73
CXFE-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/7039	7,36
CXFE-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/15853	7,99
CXFE-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/15854	8,63
CXFE-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/7038	9,26
CXFE-600 150X150X2	90	600	24"	150	6"	150	6"	2/15855	7,81
CXFE-600 200X150X2	90	600	24"	200	8"	150	6"	2/15856	8,12
CXFE-600 300X150X2	90	600	24"	300	12"	150	6"	2/15857	8,76
CXFE-600 400X150X2	90	600	24"	400	16"	150	6"	2/15858	9,39
CXFE-600 500X150X2	90	600	24"	500	20"	150	6"	2/15859	10,02
CXFE-600 600X150X2	90	600	24"	600	24"	150	6"	2/15860	10,66

2 x JUFE

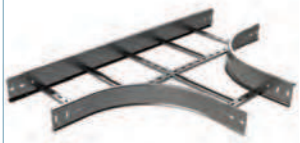


H75-H120



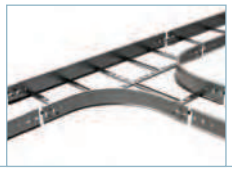
H150

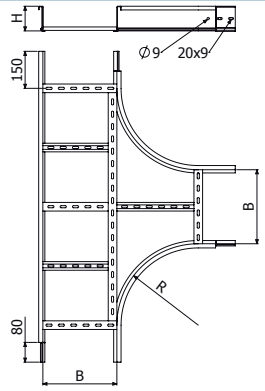
TEFE-300



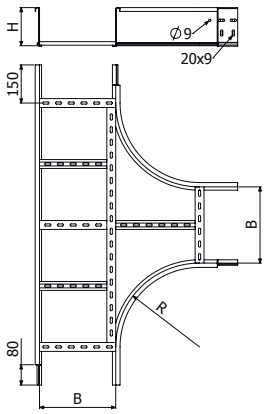
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEFE-300 100X75X2	300	12"	100	4"	75	3"	2/0930	5,41
TEFE-300 150X75X2	300	12"	150	6"	75	3"	2/0931	5,76
TEFE-300 200X75X2	300	12"	200	8"	75	3"	2/0932	6,12
TEFE-300 300X75X2	300	12"	300	12"	75	3"	2/0933	6,84
TEFE-300 400X75X2	300	12"	400	16"	75	3"	2/0934	8,01
TEFE-300 500X75X2	300	12"	500	20"	75	3"	2/0935	8,81
TEFE-300 600X75X2	300	12"	600	24"	75	3"	2/0936	9,62
TEFE-300 100X100X2	300	12"	100	4"	100	4"	2/0937	6,56
TEFE-300 150X100X2	300	12"	150	6"	100	4"	2/0938	6,94
TEFE-300 200X100X2	300	12"	200	8"	100	4"	2/0939	7,32
TEFE-300 300X100X2	300	12"	300	12"	100	4"	2/0940	8,08
TEFE-300 400X100X2	300	12"	400	16"	100	4"	2/0941	9,29
TEFE-300 500X100X2	300	12"	500	20"	100	4"	2/0942	10,14
TEFE-300 600X100X2	300	12"	600	24"	100	4"	2/0943	10,98
TEFE-300 150X120X2	300	12"	150	6"	120	4 5/7"	2/6916	8,20
TEFE-300 200X120X2	300	12"	200	8"	120	4 5/7"	2/6917	8,69
TEFE-300 300X120X2	300	12"	300	12"	120	4 5/7"	2/6918	9,67
TEFE-300 400X120X2	300	12"	400	16"	120	4 5/7"	2/6919	11,24
TEFE-300 500X120X2	300	12"	500	20"	120	4 5/7"	2/6920	12,33
TEFE-300 600X120X2	300	12"	600	24"	120	4 5/7"	2/6921	13,42
TEFE-300 150X150X2	300	12"	150	6"	150	6"	2/6922	9,61
TEFE-300 200X150X2	300	12"	200	8"	150	6"	2/6923	10,13
TEFE-300 300X150X2	300	12"	300	12"	150	6"	2/6924	11,15
TEFE-300 400X150X2	300	12"	400	16"	150	6"	2/6925	12,78
TEFE-300 500X150X2	300	12"	500	20"	150	6"	2/6926	13,92
TEFE-300 600X150X2	300	12"	600	24"	150	6"	2/6927	15,06

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)





TEFE H75/100/120

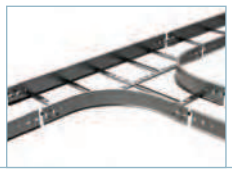


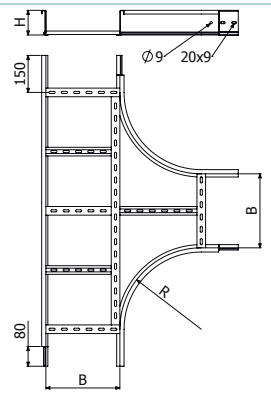
TEFE H150

TEFE-600

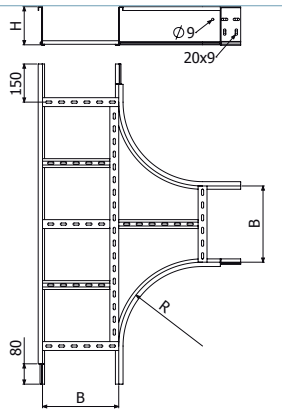
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEFE-600 100X75X2	600	24"	100	4"	75	3"	2/15861	9,45
TEFE-600 150X75X2	600	24"	150	6"	75	3"	2/15862	9,97
TEFE-600 200X75X2	600	24"	200	8"	75	3"	2/15863	10,49
TEFE-600 300X75X2	600	24"	300	12"	75	3"	2/15864	11,52
TEFE-600 400X75X2	600	24"	400	16"	75	3"	2/15865	12,90
TEFE-600 500X75X2	600	24"	500	20"	75	3"	2/15866	14,02
TEFE-600 600X75X2	600	24"	600	24"	75	3"	2/15867	15,65
TEFE-600 100X100X2	600	24"	100	4"	100	4"	2/15868	11,09
TEFE-600 150X100X2	600	24"	150	6"	100	4"	2/15869	11,62
TEFE-600 200X100X2	600	24"	200	8"	100	4"	2/15870	12,16
TEFE-600 300X100X2	600	24"	300	12"	100	4"	2/15871	13,24
TEFE-600 400X100X2	600	24"	400	16"	100	4"	2/15872	14,65
TEFE-600 500X100X2	600	24"	500	20"	100	4"	2/15873	15,81
TEFE-600 600X100X2	600	24"	600	24"	100	4"	2/15874	17,48
TEFE-600 150X120X2	600	24"	150	6"	120	4 5/7"	2/15875	13,53
TEFE-600 200X120X2	600	24"	200	8"	120	4 5/7"	2/15876	14,18
TEFE-600 300X120X2	600	24"	300	12"	120	4 5/7"	2/15877	15,49
TEFE-600 400X120X2	600	24"	400	16"	120	4 5/7"	2/15878	17,23
TEFE-600 500X120X2	600	24"	500	20"	120	4 5/7"	2/15879	18,64
TEFE-600 600X120X2	600	24"	600	24"	120	4 5/7"	2/15880	20,69
TEFE-600 150X150X2	600	24"	150	6"	150	6"	2/15881	15,51
TEFE-600 200X150X2	600	24"	200	8"	150	6"	2/15882	16,19
TEFE-600 300X150X2	600	24"	300	12"	150	6"	2/15883	17,55
TEFE-600 400X150X2	600	24"	400	16"	150	6"	2/15884	19,33
TEFE-600 500X150X2	600	24"	500	20"	150	6"	2/15885	20,80
TEFE-600 600X150X2	600	24"	600	24"	150	6"	2/15886	22,89

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)





TEFE H75/100/120

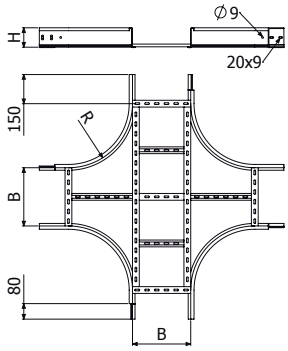


TEFE H150

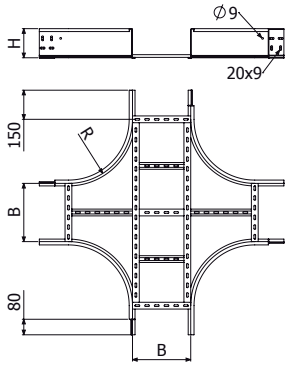
CRFE-300

	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRFE-300 100X75X2	300	12"	100	4"	75	3"	2/0951	6,54
CRFE-300 150X75X2	300	12"	150	6"	75	3"	2/0952	6,75
CRFE-300 200X75X2	300	12"	200	8"	75	3"	2/0953	7,07
CRFE-300 300X75X2	300	12"	300	12"	75	3"	2/0954	9,90
CRFE-300 400X75X2	300	12"	400	16"	75	3"	2/0955	10,71
CRFE-300 500X75X2	300	12"	500	20"	75	3"	2/0956	11,44
CRFE-300 600X75X2	300	12"	600	24"	75	3"	2/0957	15,01
CRFE-300 100X100X2	300	12"	100	4"	100	4"	2/0958	7,85
CRFE-300 150X100X2	300	12"	150	6"	100	4"	2/0959	8,15
CRFE-300 200X100X2	300	12"	200	8"	100	4"	2/0960	8,47
CRFE-300 300X100X2	300	12"	300	12"	100	4"	2/0961	11,29
CRFE-300 400X100X2	300	12"	400	16"	100	4"	2/0962	12,11
CRFE-300 500X100X2	300	12"	500	20"	100	4"	2/0963	12,84
CRFE-300 600X100X2	300	12"	600	24"	100	4"	2/0964	16,40
CRFE-300 150X120X2	300	12"	150	6"	120	4 5/7"	2/6928	9,62
CRFE-300 200X120X2	300	12"	200	8"	120	4 5/7"	2/6929	10,04
CRFE-300 300X120X2	300	12"	300	12"	120	4 5/7"	2/6930	13,81
CRFE-300 400X120X2	300	12"	400	16"	120	4 5/7"	2/6931	14,90
CRFE-300 500X120X2	300	12"	500	20"	120	4 5/7"	2/6932	15,87
CRFE-300 600X120X2	300	12"	600	24"	120	4 5/7"	2/6933	20,62
CRFE-300 150X150X2	300	12"	150	6"	150	6"	2/6934	11,30
CRFE-300 200X150X2	300	12"	200	8"	150	6"	2/6935	11,72
CRFE-300 300X150X2	300	12"	300	12"	150	6"	2/6936	15,49
CRFE-300 400X150X2	300	12"	400	16"	150	6"	2/6937	16,57
CRFE-300 500X150X2	300	12"	500	20"	150	6"	2/6938	17,55
CRFE-300 600X150X2	300	12"	600	24"	150	6"	2/6939	22,30

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



CRFE H75/100/120

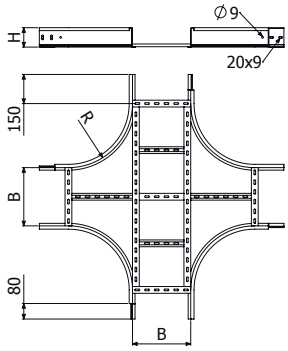


CRFE H150

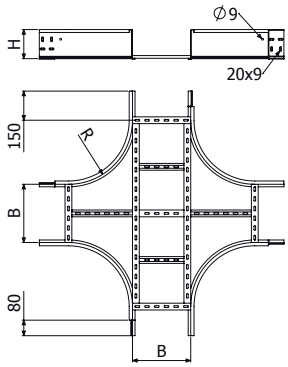
CRFE-600

	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRFE-600 100X75X2	600	24"	100	4"	75	3"	2/15887	12,47
CRFE-600 150X75X2	600	24"	150	6"	75	3"	2/15888	13,03
CRFE-600 200X75X2	600	24"	200	8"	75	3"	2/15889	13,58
CRFE-600 300X75X2	600	24"	300	12"	75	3"	2/15890	14,69
CRFE-600 400X75X2	600	24"	400	16"	75	3"	2/15891	16,14
CRFE-600 500X75X2	600	24"	500	20"	75	3"	2/15892	17,33
CRFE-600 600X75X2	600	24"	600	24"	75	3"	2/15893	19,03
CRFE-600 100X100X2	600	24"	100	4"	100	4"	2/15894	14,46
CRFE-600 150X100X2	600	24"	150	6"	100	4"	2/15895	15,01
CRFE-600 200X100X2	600	24"	200	8"	100	4"	2/15896	15,57
CRFE-600 300X100X2	600	24"	300	12"	100	4"	2/15897	16,68
CRFE-600 400X100X2	600	24"	400	16"	100	4"	2/15898	18,12
CRFE-600 500X100X2	600	24"	500	20"	100	4"	2/15899	19,32
CRFE-600 600X100X2	600	24"	600	24"	100	4"	2/15900	21,02
CRFE-600 150X120X2	600	24"	150	6"	120	4 5/7"	2/15901	17,55
CRFE-600 200X120X2	600	24"	200	8"	120	4 5/7"	2/15902	18,24
CRFE-600 300X120X2	600	24"	300	12"	120	4 5/7"	2/15903	19,61
CRFE-600 400X120X2	600	24"	400	16"	120	4 5/7"	2/15904	21,41
CRFE-600 500X120X2	600	24"	500	20"	120	4 5/7"	2/15905	22,89
CRFE-600 600X120X2	600	24"	600	24"	120	4 5/7"	2/15906	25,00
CRFE-600 150X150X2	600	24"	150	6"	150	6"	2/15907	19,94
CRFE-600 200X150X2	600	24"	200	8"	150	6"	2/15908	20,63
CRFE-600 300X150X2	600	24"	300	12"	150	6"	2/15909	22,00
CRFE-600 400X150X2	600	24"	400	16"	150	6"	2/15910	23,79
CRFE-600 500X150X2	600	24"	500	20"	150	6"	2/15911	25,27
CRFE-600 600X150X2	600	24"	600	24"	150	6"	2/15912	27,38

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



CRFE H75/100/120



CRFE H150

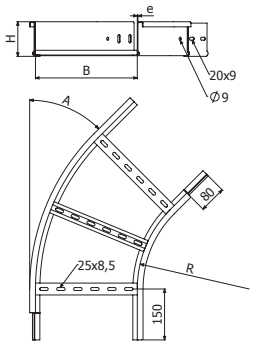
CPF2E30-300

H75-H120

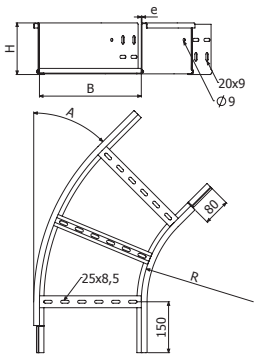
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E30-300 100X100X2	30	300	12"	100	4"	100	4"	2/15920	2,30
CPF2E30-300 150X100X2	30	300	12"	150	6"	100	4"	2/15921	2,50
CPF2E30-300 200X100X2	30	300	12"	200	8"	100	4"	2/15922	2,71
CPF2E30-300 300X100X2	30	300	12"	300	12"	100	4"	2/15923	3,12
CPF2E30-300 400X100X2	30	300	12"	400	16"	100	4"	2/15924	3,54
CPF2E30-300 500X100X2	30	300	12"	500	20"	100	4"	2/15925	3,95
CPF2E30-300 600X100X2	30	300	12"	600	24"	100	4"	2/15926	4,36
CPF2E30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/15927	2,98
CPF2E30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/15928	3,20
CPF2E30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/15929	3,64
CPF2E30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/15930	4,07
CPF2E30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/15931	4,51
CPF2E30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/15932	4,95
CPF2E30-300 150X150X2	30	300	12"	150	6"	150	6"	2/15933	3,46
CPF2E30-300 200X150X2	30	300	12"	200	8"	150	6"	2/15934	3,69
CPF2E30-300 300X150X2	30	300	12"	300	12"	150	6"	2/15935	4,15
CPF2E30-300 400X150X2	30	300	12"	400	16"	150	6"	2/15936	4,61
CPF2E30-300 500X150X2	30	300	12"	500	20"	150	6"	2/15937	5,08
CPF2E30-300 600X150X2	30	300	12"	600	24"	150	6"	2/15938	5,54

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

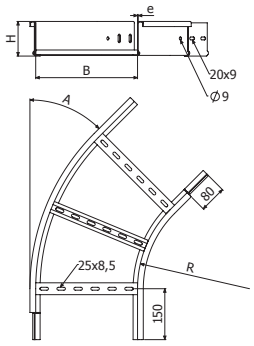
CPF2E45-300

H75-H120

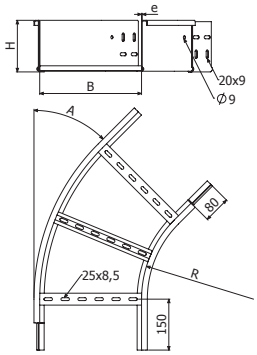
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E45-300 100X100X2	45	300	12"	100	4"	100	4"	2/15946	2,83
CPF2E45-300 150X100X2	45	300	12"	150	6"	100	4"	2/15947	3,14
CPF2E45-300 200X100X2	45	300	12"	200	8"	100	4"	2/15948	3,45
CPF2E45-300 300X100X2	45	300	12"	300	12"	100	4"	2/15949	4,52
CPF2E45-300 400X100X2	45	300	12"	400	16"	100	4"	2/15950	5,29
CPF2E45-300 500X100X2	45	300	12"	500	20"	100	4"	2/15951	6,06
CPF2E45-300 600X100X2	45	300	12"	600	24"	100	4"	2/15952	6,83
CPF2E45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/15953	3,71
CPF2E45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/15954	4,04
CPF2E45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/15955	5,15
CPF2E45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/15956	5,96
CPF2E45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/15957	6,76
CPF2E45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/15958	7,57
CPF2E45-300 150X150X2	45	300	12"	150	6"	150	6"	2/15959	4,28
CPF2E45-300 200X150X2	45	300	12"	200	8"	150	6"	2/15960	4,63
CPF2E45-300 300X150X2	45	300	12"	300	12"	150	6"	2/15961	5,78
CPF2E45-300 400X150X2	45	300	12"	400	16"	150	6"	2/15962	6,62
CPF2E45-300 500X150X2	45	300	12"	500	20"	150	6"	2/15963	7,47
CPF2E45-300 600X150X2	45	300	12"	600	24"	150	6"	2/15964	8,31

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

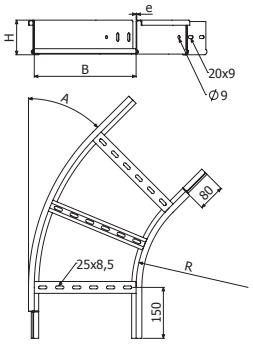
CPF2E60-300

H75-H120

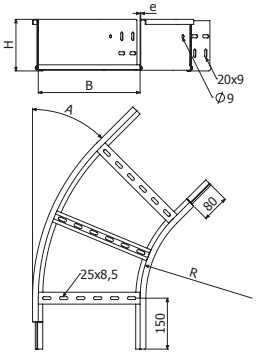
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E60-300 100X100X2	60	300	12"	100	4"	100	4"	2/15972	3,21
CPF2E60-300 150X100X2	60	300	12"	150	6"	100	4"	2/15973	3,54
CPF2E60-300 200X100X2	60	300	12"	200	8"	100	4"	2/15974	3,88
CPF2E60-300 300X100X2	60	300	12"	300	12"	100	4"	2/15975	5,01
CPF2E60-300 400X100X2	60	300	12"	400	16"	100	4"	2/15976	5,83
CPF2E60-300 500X100X2	60	300	12"	500	20"	100	4"	2/15977	6,66
CPF2E60-300 600X100X2	60	300	12"	600	24"	100	4"	2/15978	7,48
CPF2E60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/15979	4,21
CPF2E60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/15980	4,57
CPF2E60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/15981	5,75
CPF2E60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/15982	6,62
CPF2E60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/15983	7,50
CPF2E60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/15984	8,37
CPF2E60-300 150X150X2	60	300	12"	150	6"	150	6"	2/15985	4,87
CPF2E60-300 200X150X2	60	300	12"	200	8"	150	6"	2/15986	5,26
CPF2E60-300 300X150X2	60	300	12"	300	12"	150	6"	2/15987	6,49
CPF2E60-300 400X150X2	60	300	12"	400	16"	150	6"	2/15988	7,41
CPF2E60-300 500X150X2	60	300	12"	500	20"	150	6"	2/15989	8,34
CPF2E60-300 600X150X2	60	300	12"	600	24"	150	6"	2/15990	9,26

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

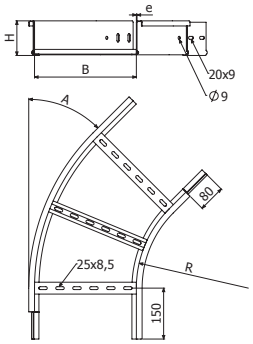
CPF2E-300

H75-H120

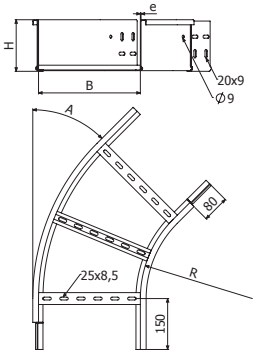
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E-300 100X100X2	90	300	12"	100	4"	100	4"	2/15998	3,96
CPF2E-300 150X100X2	90	300	12"	150	6"	100	4"	2/15999	4,35
CPF2E-300 200X100X2	90	300	12"	200	8"	100	4"	2/16000	4,74
CPF2E-300 300X100X2	90	300	12"	300	12"	100	4"	2/16001	5,98
CPF2E-300 400X100X2	90	300	12"	400	16"	100	4"	2/16002	6,91
CPF2E-300 500X100X2	90	300	12"	500	20"	100	4"	2/16003	7,84
CPF2E-300 600X100X2	90	300	12"	600	24"	100	4"	2/16004	8,78
CPF2E-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/160005	5,21
CPF2E-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/16006	5,64
CPF2E-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/16007	6,95
CPF2E-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/16008	7,95
CPF2E-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/16009	8,96
CPF2E-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/16010	9,97
CPF2E-300 150X150X2	90	300	12"	150	6"	150	6"	2/16011	6,06
CPF2E-300 200X150X2	90	300	12"	200	8"	150	6"	2/16012	6,53
CPF2E-300 300X150X2	90	300	12"	300	12"	150	6"	2/16013	7,91
CPF2E-300 400X150X2	90	300	12"	400	16"	150	6"	2/16014	9,00
CPF2E-300 500X150X2	90	300	12"	500	20"	150	6"	2/16015	10,08
CPF2E-300 600X150X2	90	300	12"	600	24"	150	6"	2/16016	11,16

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

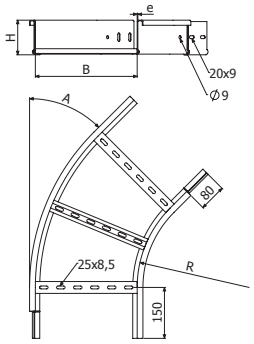
CPF2E30-600

H75-H120

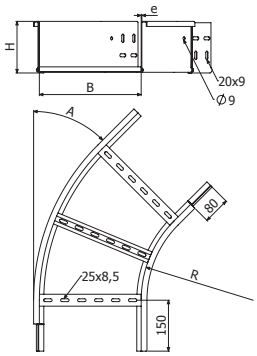
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E30-600 100X100X2	30	600	24"	100	4"	100	4"	2/16284	3,10
CPF2E30-600 150X100X2	30	600	24"	150	6"	100	4"	2/16285	3,38
CPF2E30-600 200X100X2	30	600	24"	200	8"	100	4"	2/16286	3,66
CPF2E30-600 300X100X2	30	600	24"	300	12"	100	4"	2/16287	4,23
CPF2E30-600 400X100X2	30	600	24"	400	16"	100	4"	2/16288	4,79
CPF2E30-600 500X100X2	30	600	24"	500	20"	100	4"	2/16289	5,36
CPF2E30-600 600X100X2	30	600	24"	600	24"	100	4"	2/16290	5,92
CPF2E30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/16291	4,01
CPF2E30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/16292	4,30
CPF2E30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/16293	4,89
CPF2E30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/16294	5,48
CPF2E30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/16295	6,07
CPF2E30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/16296	6,66
CPF2E30-600 150X150X2	30	600	24"	150	6"	150	6"	2/16297	4,64
CPF2E30-600 200X150X2	30	600	24"	200	8"	150	6"	2/16298	4,94
CPF2E30-600 300X150X2	30	600	24"	300	12"	150	6"	2/16299	5,56
CPF2E30-600 400X150X2	30	600	24"	400	16"	150	6"	2/16300	6,17
CPF2E30-600 500X150X2	30	600	24"	500	20"	150	6"	2/16301	6,79
CPF2E30-600 600X150X2	30	600	24"	600	24"	150	6"	2/16302	7,40

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

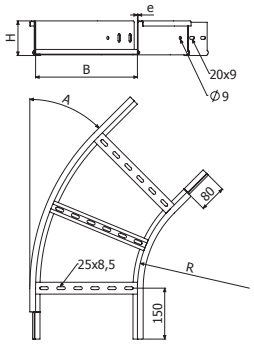
CPF2E45-600

H75-H120

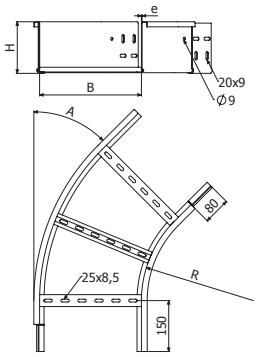
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E45-600 100X100X2	45	600	24"	100	4"	100	4"	2/16310	3,80
CPF2E45-600 150X100X2	45	600	24"	150	6"	100	4"	2/16311	4,11
CPF2E45-600 200X100X2	45	600	24"	200	8"	100	4"	2/16312	4,42
CPF2E45-600 300X100X2	45	600	24"	300	12"	100	4"	2/16313	5,04
CPF2E45-600 400X100X2	45	600	24"	400	16"	100	4"	2/16314	5,66
CPF2E45-600 500X100X2	45	600	24"	500	20"	100	4"	2/16315	7,03
CPF2E45-600 600X100X2	45	600	24"	600	24"	100	4"	2/16316	7,80
CPF2E45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/16317	4,91
CPF2E45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/16318	5,24
CPF2E45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/16319	5,89
CPF2E45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/16320	6,55
CPF2E45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/16321	7,96
CPF2E45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/16322	8,77
CPF2E45-600 150X150X2	45	600	24"	150	6"	150	6"	2/16323	5,70
CPF2E45-600 200X150X2	45	600	24"	200	8"	150	6"	2/16324	6,05
CPF2E45-600 300X150X2	45	600	24"	300	12"	150	6"	2/16325	6,74
CPF2E45-600 400X150X2	45	600	24"	400	16"	150	6"	2/16326	7,44
CPF2E45-600 500X150X2	45	600	24"	500	20"	150	6"	2/16327	8,89
CPF2E45-600 600X150X2	45	600	24"	600	24"	150	6"	2/16328	9,74

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

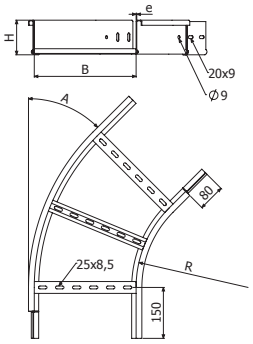
CPF2E60-600

H75-H120

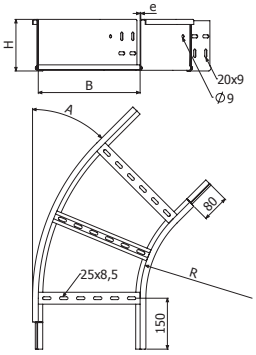
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E60-600 100X100X2	60	600	24"	100	4"	100	4"	2/16336	4,66
CPF2E60-600 150X100X2	60	600	24"	150	6"	100	4"	2/16337	5,07
CPF2E60-600 200X100X2	60	600	24"	200	8"	100	4"	2/16338	5,48
CPF2E60-600 300X100X2	60	600	24"	300	12"	100	4"	2/16339	6,30
CPF2E60-600 400X100X2	60	600	24"	400	16"	100	4"	2/16340	7,13
CPF2E60-600 500X100X2	60	600	24"	500	20"	100	4"	2/16341	7,95
CPF2E60-600 600X100X2	60	600	24"	600	24"	100	4"	2/16342	8,78
CPF2E60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/16343	6,03
CPF2E60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/16344	6,47
CPF2E60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/16345	7,35
CPF2E60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/16346	8,22
CPF2E60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/16347	9,10
CPF2E60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/16348	9,97
CPF2E60-600 150X150X2	60	600	24"	150	6"	150	6"	2/16349	7,00
CPF2E60-600 200X150X2	60	600	24"	200	8"	150	6"	2/16350	7,46
CPF2E60-600 300X150X2	60	600	24"	300	12"	150	6"	2/16351	8,39
CPF2E60-600 400X150X2	60	600	24"	400	16"	150	6"	2/16352	9,31
CPF2E60-600 500X150X2	60	600	24"	500	20"	150	6"	2/16353	10,24
CPF2E60-600 600X150X2	60	600	24"	600	24"	150	6"	2/16354	11,16

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

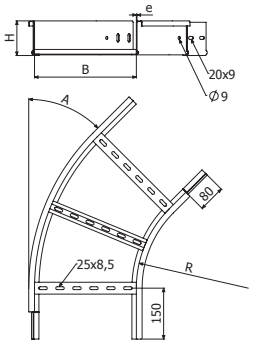
CPF2E-600

H75-H120

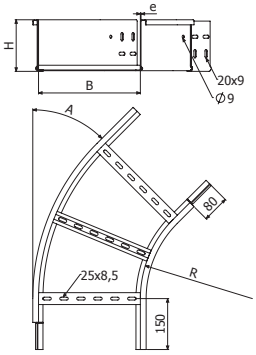
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPF2E-600 100X100X2	90	600	24"	100	4"	100	4"	2/16362	6,21
CPF2E-600 150X100X2	90	600	24"	150	6"	100	4"	2/16363	6,76
CPF2E-600 200X100X2	90	600	24"	200	8"	100	4"	2/16364	7,30
CPF2E-600 300X100X2	90	600	24"	300	12"	100	4"	2/16365	8,38
CPF2E-600 400X100X2	90	600	24"	400	16"	100	4"	2/16366	9,47
CPF2E-600 500X100X2	90	600	24"	500	20"	100	4"	2/16367	11,31
CPF2E-600 600X100X2	90	600	24"	600	24"	100	4"	2/16368	12,55
CPF2E-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/16369	8,06
CPF2E-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/16370	8,64
CPF2E-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/16371	9,80
CPF2E-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/16372	10,96
CPF2E-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/16373	12,88
CPF2E-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/16374	14,19
CPF2E-600 150X150X2	90	600	24"	150	6"	150	6"	2/16375	9,37
CPF2E-600 200X150X2	90	600	24"	200	8"	150	6"	2/16376	9,98
CPF2E-600 300X150X2	90	600	24"	300	12"	150	6"	2/16377	11,22
CPF2E-600 400X150X2	90	600	24"	400	16"	150	6"	2/16378	12,45
CPF2E-600 500X150X2	90	600	24"	500	20"	150	6"	2/16379	14,45
CPF2E-600 600X150X2	90	600	24"	600	24"	150	6"	2/16380	15,84

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



H75-H120



H150

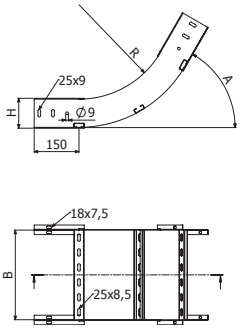
CCF2E30-300

H75-H120

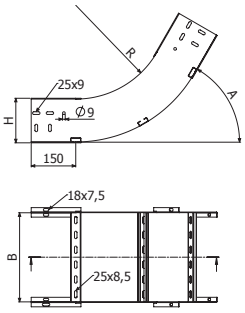
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E30-300 100X100X2	30	300	12"	100	4"	100	4"	2/16024	2,18
CCF2E30-300 150X100X2	30	300	12"	150	6"	100	4"	2/16025	2,33
CCF2E30-300 200X100X2	30	300	12"	200	8"	100	4"	2/16026	2,48
CCF2E30-300 300X100X2	30	300	12"	300	12"	100	4"	2/16027	2,78
CCF2E30-300 400X100X2	30	300	12"	400	16"	100	4"	2/16028	3,09
CCF2E30-300 500X100X2	30	300	12"	500	20"	100	4"	2/16029	3,39
CCF2E30-300 600X100X2	30	300	12"	600	24"	100	4"	2/16030	3,70
CCF2E30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/16031	2,66
CCF2E30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/16032	2,81
CCF2E30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/16033	3,11
CCF2E30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/16034	3,42
CCF2E30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/16035	3,72
CCF2E30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/16036	4,03
CCF2E30-300 150X150X2	30	300	12"	150	6"	150	6"	2/16037	3,16
CCF2E30-300 200X150X2	30	300	12"	200	8"	150	6"	2/16038	3,32
CCF2E30-300 300X150X2	30	300	12"	300	12"	150	6"	2/16039	3,62
CCF2E30-300 400X150X2	30	300	12"	400	16"	150	6"	2/16040	3,92
CCF2E30-300 500X150X2	30	300	12"	500	20"	150	6"	2/16041	4,23
CCF2E30-300 600X150X2	30	300	12"	600	24"	150	6"	2/16042	4,53

2 x JUFE



H75-H120



H150

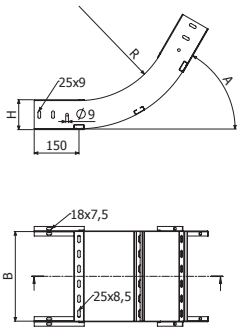
CCF2E45-300

H75-H120

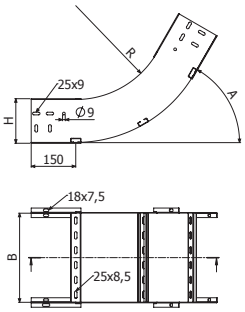
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E45-300 100X100X2	45	300	12"	100	4"	100	4"	2/16050	2,62
CCF2E45-300 150X100X2	45	300	12"	150	6"	100	4"	2/16051	2,85
CCF2E45-300 200X100X2	45	300	12"	200	8"	100	4"	2/16052	3,08
CCF2E45-300 300X100X2	45	300	12"	300	12"	100	4"	2/16053	3,53
CCF2E45-300 400X100X2	45	300	12"	400	16"	100	4"	2/16054	3,99
CCF2E45-300 500X100X2	45	300	12"	500	20"	100	4"	2/16055	4,45
CCF2E45-300 600X100X2	45	300	12"	600	24"	100	4"	2/16056	4,90
CCF2E45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/16057	3,25
CCF2E45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/16058	3,48
CCF2E45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/16059	3,93
CCF2E45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/16060	4,39
CCF2E45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/16061	4,84
CCF2E45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/16062	5,30
CCF2E45-300 150X150X2	45	300	12"	150	6"	150	6"	2/16063	3,86
CCF2E45-300 200X150X2	45	300	12"	200	8"	150	6"	2/16064	4,09
CCF2E45-300 300X150X2	45	300	12"	300	12"	150	6"	2/16065	4,55
CCF2E45-300 400X150X2	45	300	12"	400	16"	150	6"	2/16066	5,00
CCF2E45-300 500X150X2	45	300	12"	500	20"	150	6"	2/16067	5,46
CCF2E45-300 600X150X2	45	300	12"	600	24"	150	6"	2/16068	5,92

2 x JUFE



H75-H120



H150

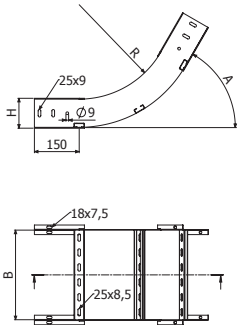
CCF2E60-300

H75-H120

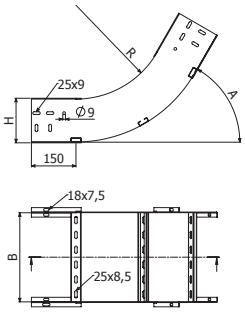
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E60-300 100X100X2	60	300	12"	100	4"	100	4"	2/16076	2,92
CCF2E60-300 150X100X2	60	300	12"	150	6"	100	4"	2/16077	3,14
CCF2E60-300 200X100X2	60	300	12"	200	8"	100	4"	2/16078	3,37
CCF2E60-300 300X100X2	60	300	12"	300	12"	100	4"	2/16079	3,83
CCF2E60-300 400X100X2	60	300	12"	400	16"	100	4"	2/16080	4,28
CCF2E60-300 500X100X2	60	300	12"	500	20"	100	4"	2/16081	4,74
CCF2E60-300 600X100X2	60	300	12"	600	24"	100	4"	2/16082	5,20
CCF2E60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/16083	3,61
CCF2E60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/16084	3,84
CCF2E60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/16085	4,29
CCF2E60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/16086	4,75
CCF2E60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/16087	5,21
CCF2E60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/16088	5,66
CCF2E60-300 150X150X2	60	300	12"	150	6"	150	6"	2/16089	4,34
CCF2E60-300 200X150X2	60	300	12"	200	8"	150	6"	2/16090	4,56
CCF2E60-300 300X150X2	60	300	12"	300	12"	150	6"	2/16091	5,02
CCF2E60-300 400X150X2	60	300	12"	400	16"	150	6"	2/16092	5,48
CCF2E60-300 500X150X2	60	300	12"	500	20"	150	6"	2/16093	5,93
CCF2E60-300 600X150X2	60	300	12"	600	24"	150	6"	2/16094	6,39

2 x JUFE



H75-H120



H150

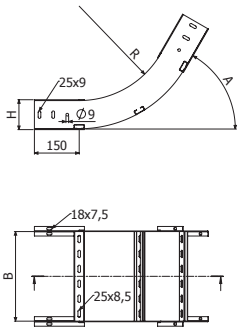
CCF2E-300

H75-H120

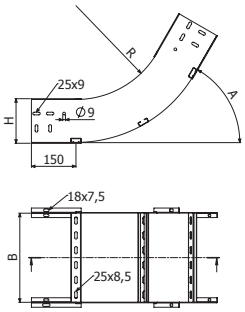
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E-300 100X100X2	90	300	12"	100	4"	100	4"	2/16102	3,65
CCF2E-300 150X100X2	90	300	12"	150	6"	100	4"	2/16103	3,96
CCF2E-300 200X100X2	90	300	12"	200	8"	100	4"	2/16104	4,26
CCF2E-300 300X100X2	90	300	12"	300	12"	100	4"	2/16105	4,87
CCF2E-300 400X100X2	90	300	12"	400	16"	100	4"	2/16106	5,48
CCF2E-300 500X100X2	90	300	12"	500	20"	100	4"	2/16107	6,09
CCF2E-300 600X100X2	90	300	12"	600	24"	100	4"	2/16108	6,69
CCF2E-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/16109	4,56
CCF2E-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/16110	4,87
CCF2E-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/16111	5,47
CCF2E-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/16112	6,08
CCF2E-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/16113	6,69
CCF2E-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/16114	7,30
CCF2E-300 150X150X2	90	300	12"	150	6"	150	6"	2/16115	5,51
CCF2E-300 200X150X2	90	300	12"	200	8"	150	6"	2/16116	5,81
CCF2E-300 300X150X2	90	300	12"	300	12"	150	6"	2/16117	6,42
CCF2E-300 400X150X2	90	300	12"	400	16"	150	6"	2/16118	7,03
CCF2E-300 500X150X2	90	300	12"	500	20"	150	6"	2/16119	7,63
CCF2E-300 600X150X2	90	300	12"	600	24"	150	6"	2/16120	8,24

2 x JUFE



H75-H120



H150

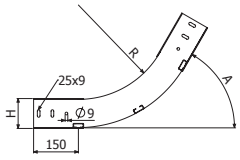
CCF2E30-600

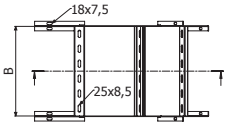
H75-H120

H150

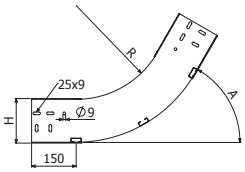
	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E30-600 100X100X2	30	600	24"	100	4"	100	4"	2/16388	2,83
CCF2E30-600 150X100X2	30	600	24"	150	6"	100	4"	2/16389	3,06
CCF2E30-600 200X100X2	30	600	24"	200	8"	100	4"	2/16390	3,29
CCF2E30-600 300X100X2	30	600	24"	300	12"	100	4"	2/16391	3,74
CCF2E30-600 400X100X2	30	600	24"	400	16"	100	4"	2/16392	4,20
CCF2E30-600 500X100X2	30	600	24"	500	20"	100	4"	2/16393	4,66
CCF2E30-600 600X100X2	30	600	24"	600	24"	100	4"	2/16394	5,11
CCF2E30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/16395	3,49
CCF2E30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/16396	3,72
CCF2E30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/16397	4,17
CCF2E30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/16398	4,63
CCF2E30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/16399	5,09
CCF2E30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/16400	5,54
CCF2E30-600 150X150X2	30	600	24"	150	6"	150	6"	2/16401	4,15
CCF2E30-600 200X150X2	30	600	24"	200	8"	150	6"	2/16402	4,37
CCF2E30-600 300X150X2	30	600	24"	300	12"	150	6"	2/16403	4,83
CCF2E30-600 400X150X2	30	600	24"	400	16"	150	6"	2/16404	5,29
CCF2E30-600 500X150X2	30	600	24"	500	20"	150	6"	2/16405	5,74
CCF2E30-600 600X150X2	30	600	24"	600	24"	150	6"	2/16406	6,20

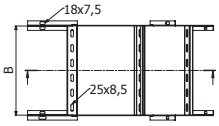
2 x JUFE





H75-H120





H150

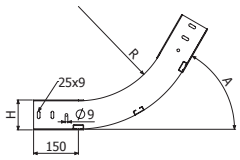
CCF2E45-600

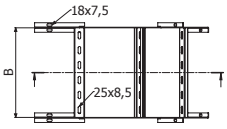
H75-H120

H150

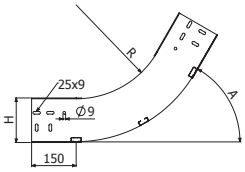
	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E45-600 100X100X2	45	600	24"	100	4"	100	4"	2/16414	3,53
CCF2E45-600 150X100X2	45	600	24"	150	6"	100	4"	2/16415	3,83
CCF2E45-600 200X100X2	45	600	24"	200	8"	100	4"	2/16416	4,14
CCF2E45-600 300X100X2	45	600	24"	300	12"	100	4"	2/16417	4,74
CCF2E45-600 400X100X2	45	600	24"	400	16"	100	4"	2/16418	5,35
CCF2E45-600 500X100X2	45	600	24"	500	20"	100	4"	2/16419	5,96
CCF2E45-600 600X100X2	45	600	24"	600	24"	100	4"	2/16420	6,57
CCF2E45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/16421	4,38
CCF2E45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/16422	4,68
CCF2E45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/16423	5,29
CCF2E45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/16424	5,90
CCF2E45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/16425	6,51
CCF2E45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/16426	7,12
CCF2E45-600 150X150X2	45	600	24"	150	6"	150	6"	2/16427	5,22
CCF2E45-600 200X150X2	45	600	24"	200	8"	150	6"	2/16428	5,53
CCF2E45-600 300X150X2	45	600	24"	300	12"	150	6"	2/16429	6,14
CCF2E45-600 400X150X2	45	600	24"	400	16"	150	6"	2/16430	6,74
CCF2E45-600 500X150X2	45	600	24"	500	20"	150	6"	2/16431	7,35
CCF2E45-600 600X150X2	45	600	24"	600	24"	150	6"	2/16432	7,96

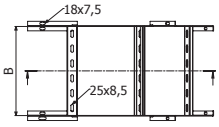
2 x JUFE





H75-H120





H150

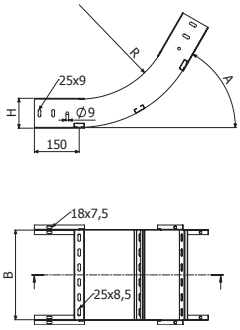
CCF2E60-600

H75-H120

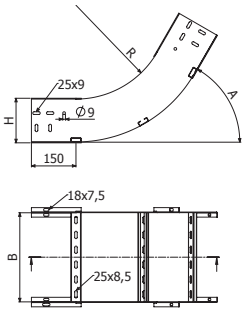
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E60-600 100X100X2	60	600	24"	100	4"	100	4"	2/16440	4,07
CCF2E60-600 150X100X2	60	600	24"	150	6"	100	4"	2/16441	4,38
CCF2E60-600 200X100X2	60	600	24"	200	8"	100	4"	2/16442	4,68
CCF2E60-600 300X100X2	60	600	24"	300	12"	100	4"	2/16443	5,29
CCF2E60-600 400X100X2	60	600	24"	400	16"	100	4"	2/16444	5,90
CCF2E60-600 500X100X2	60	600	24"	500	20"	100	4"	2/16445	6,50
CCF2E60-600 600X100X2	60	600	24"	600	24"	100	4"	2/16446	7,11
CCF2E60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/16447	5,04
CCF2E60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/16448	5,35
CCF2E60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/16449	5,96
CCF2E60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/16450	6,56
CCF2E60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/16451	7,17
CCF2E60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/16452	7,78
CCF2E60-600 150X150X2	60	600	24"	150	6"	150	6"	2/16453	6,30
CCF2E60-600 200X150X2	60	600	24"	200	8"	150	6"	2/16454	6,68
CCF2E60-600 300X150X2	60	600	24"	300	12"	150	6"	2/16455	7,44
CCF2E60-600 400X150X2	60	600	24"	400	16"	150	6"	2/16456	8,20
CCF2E60-600 500X150X2	60	600	24"	500	20"	150	6"	2/16457	8,96
CCF2E60-600 600X150X2	60	600	24"	600	24"	150	6"	2/16458	9,72

2 x JUFE



H75-H120



H150

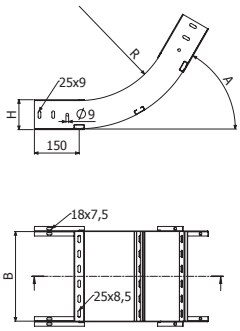
CCF2E-600

H75-H120

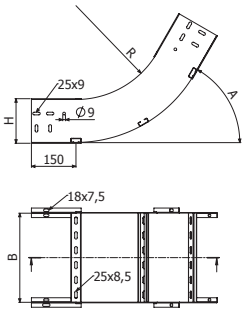
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCF2E-600 100X100X2	90	600	24"	100	4"	100	4"	2/16466	5,47
CCF2E-600 150X100X2	90	600	24"	150	6"	100	4"	2/16467	5,92
CCF2E-600 200X100X2	90	600	24"	200	8"	100	4"	2/16468	6,38
CCF2E-600 300X100X2	90	600	24"	300	12"	100	4"	2/16469	7,29
CCF2E-600 400X100X2	90	600	24"	400	16"	100	4"	2/16470	8,20
CCF2E-600 500X100X2	90	600	24"	500	20"	100	4"	2/16471	9,11
CCF2E-600 600X100X2	90	600	24"	600	24"	100	4"	2/16472	10,03
CCF2E-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/16473	6,83
CCF2E-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/16474	7,28
CCF2E-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/16475	8,20
CCF2E-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/16476	9,11
CCF2E-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/16477	10,02
CCF2E-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/16478	10,93
CCF2E-600 150X150X2	90	600	24"	150	6"	150	6"	2/16479	8,22
CCF2E-600 200X150X2	90	600	24"	200	8"	150	6"	2/16480	8,68
CCF2E-600 300X150X2	90	600	24"	300	12"	150	6"	2/16481	9,59
CCF2E-600 400X150X2	90	600	24"	400	16"	150	6"	2/16482	10,50
CCF2E-600 500X150X2	90	600	24"	500	20"	150	6"	2/16483	11,42
CCF2E-600 600X150X2	90	600	24"	600	24"	150	6"	2/16484	12,33

2 x JUFE



H75-H120



H150

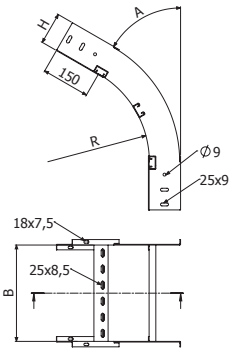
CXF2E30-300

H75-H120

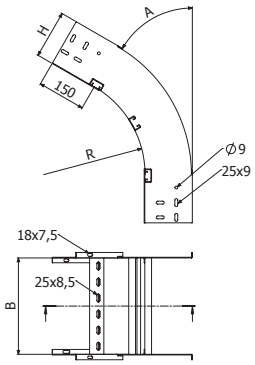
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E30-300 100X100X2	30	300	12"	100	4"	100	4"	2/16128	2,18
CXF2E30-300 150X100X2	30	300	12"	150	6"	100	4"	2/16129	2,33
CXF2E30-300 200X100X2	30	300	12"	200	8"	100	4"	2/16130	2,48
CXF2E30-300 300X100X2	30	300	12"	300	12"	100	4"	2/16131	2,78
CXF2E30-300 400X100X2	30	300	12"	400	16"	100	4"	2/16132	3,09
CXF2E30-300 500X100X2	30	300	12"	500	20"	100	4"	2/16133	3,39
CXF2E30-300 600X100X2	30	300	12"	600	24"	100	4"	2/16134	3,70
CXF2E30-300 150X120X2	30	300	12"	150	6"	120	4 5/7"	2/16135	2,66
CXF2E30-300 200X120X2	30	300	12"	200	8"	120	4 5/7"	2/16136	2,81
CXF2E30-300 300X120X2	30	300	12"	300	12"	120	4 5/7"	2/16137	3,11
CXF2E30-300 400X120X2	30	300	12"	400	16"	120	4 5/7"	2/16138	3,42
CXF2E30-300 500X120X2	30	300	12"	500	20"	120	4 5/7"	2/16139	3,72
CXF2E30-300 600X120X2	30	300	12"	600	24"	120	4 5/7"	2/16140	4,03
CXF2E30-300 150X150X2	30	300	12"	150	6"	150	6"	2/16141	3,16
CXF2E30-300 200X150X2	30	300	12"	200	8"	150	6"	2/16142	3,32
CXF2E30-300 300X150X2	30	300	12"	300	12"	150	6"	2/16143	3,62
CXF2E30-300 400X150X2	30	300	12"	400	16"	150	6"	2/16144	3,92
CXF2E30-300 500X150X2	30	300	12"	500	20"	150	6"	2/16145	4,23
CXF2E30-300 600X150X2	30	300	12"	600	24"	150	6"	2/16146	4,53

2 x JUFE



H75-H120



H150

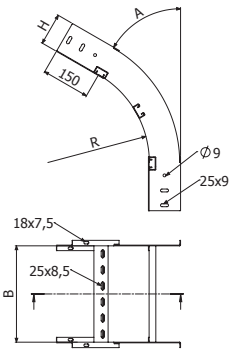
CXF2E45-300

H75-H120

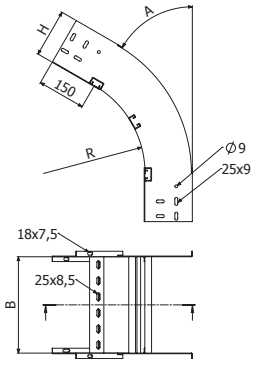
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E45-300 100X100X2	45	300	12"	100	4"	100	4"	2/16154	2,47
CXF2E45-300 150X100X2	45	300	12"	150	6"	100	4"	2/16155	2,62
CXF2E45-300 200X100X2	45	300	12"	200	8"	100	4"	2/16156	2,77
CXF2E45-300 300X100X2	45	300	12"	300	12"	100	4"	2/16157	3,08
CXF2E45-300 400X100X2	45	300	12"	400	16"	100	4"	2/16158	3,38
CXF2E45-300 500X100X2	45	300	12"	500	20"	100	4"	2/16159	3,69
CXF2E45-300 600X100X2	45	300	12"	600	24"	100	4"	2/16160	3,99
CXF2E45-300 150X120X2	45	300	12"	150	6"	120	4 5/7"	2/16161	3,02
CXF2E45-300 200X120X2	45	300	12"	200	8"	120	4 5/7"	2/16162	3,17
CXF2E45-300 300X120X2	45	300	12"	300	12"	120	4 5/7"	2/16163	3,48
CXF2E45-300 400X120X2	45	300	12"	400	16"	120	4 5/7"	2/16164	3,78
CXF2E45-300 500X120X2	45	300	12"	500	20"	120	4 5/7"	2/16165	4,08
CXF2E45-300 600X120X2	45	300	12"	600	24"	120	4 5/7"	2/16166	4,39
CXF2E45-300 150X150X2	45	300	12"	150	6"	150	6"	2/16167	3,64
CXF2E45-300 200X150X2	45	300	12"	200	8"	150	6"	2/16168	3,79
CXF2E45-300 300X150X2	45	300	12"	300	12"	150	6"	2/16169	4,09
CXF2E45-300 400X150X2	45	300	12"	400	16"	150	6"	2/16170	4,40
CXF2E45-300 500X150X2	45	300	12"	500	20"	150	6"	2/16171	4,70
CXF2E45-300 600X150X2	45	300	12"	600	24"	150	6"	2/16172	5,00

2 x JUFE



H75-H120



H150

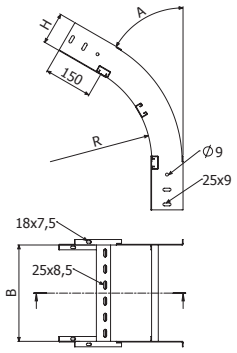
CXF2E60-300

H75-H120

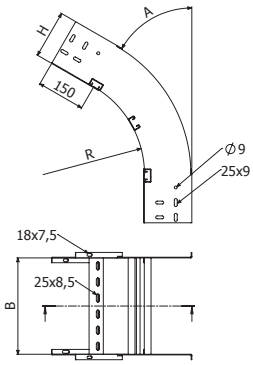
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E60-300 100X100X2	60	300	12"	100	4"	100	4"	2/16180	2,92
CXF2E60-300 150X100X2	60	300	12"	150	6"	100	4"	2/16181	3,14
CXF2E60-300 200X100X2	60	300	12"	200	8"	100	4"	2/16182	3,37
CXF2E60-300 300X100X2	60	300	12"	300	12"	100	4"	2/16183	3,83
CXF2E60-300 400X100X2	60	300	12"	400	16"	100	4"	2/16184	4,28
CXF2E60-300 500X100X2	60	300	12"	500	20"	100	4"	2/16185	4,74
CXF2E60-300 600X100X2	60	300	12"	600	24"	100	4"	2/16186	5,20
CXF2E60-300 150X120X2	60	300	12"	150	6"	120	4 5/7"	2/16187	3,61
CXF2E60-300 200X120X2	60	300	12"	200	8"	120	4 5/7"	2/16188	3,84
CXF2E60-300 300X120X2	60	300	12"	300	12"	120	4 5/7"	2/16189	4,29
CXF2E60-300 400X120X2	60	300	12"	400	16"	120	4 5/7"	2/16190	4,75
CXF2E60-300 500X120X2	60	300	12"	500	20"	120	4 5/7"	2/16191	5,21
CXF2E60-300 600X120X2	60	300	12"	600	24"	120	4 5/7"	2/16192	5,66
CXF2E60-300 150X150X2	60	300	12"	150	6"	150	6"	2/16193	4,34
CXF2E60-300 200X150X2	60	300	12"	200	8"	150	6"	2/16194	4,56
CXF2E60-300 300X150X2	60	300	12"	300	12"	150	6"	2/16195	5,02
CXF2E60-300 400X150X2	60	300	12"	400	16"	150	6"	2/16196	5,48
CXF2E60-300 500X150X2	60	300	12"	500	20"	150	6"	2/16197	5,93
CXF2E60-300 600X150X2	60	300	12"	600	24"	150	6"	2/16198	6,39

2 x JUFE



H75-H120



H150

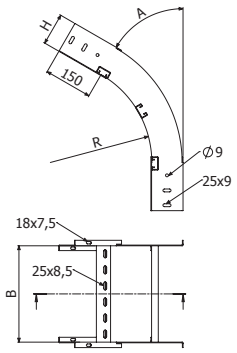
CXF2E-300

H75-H120

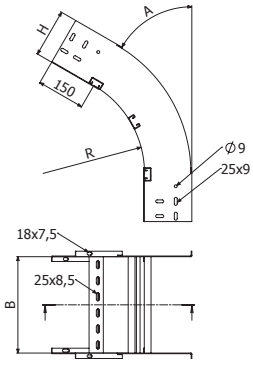
H150

	A	R		B		H		GC	
	°	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E-300 100X100X2	90	300	12"	100	4"	100	4"	2/16206	3,50
CXF2E-300 150X100X2	90	300	12"	150	6"	100	4"	2/16207	3,73
CXF2E-300 200X100X2	90	300	12"	200	8"	100	4"	2/16208	3,96
CXF2E-300 300X100X2	90	300	12"	300	12"	100	4"	2/16209	4,41
CXF2E-300 400X100X2	90	300	12"	400	16"	100	4"	2/16210	4,87
CXF2E-300 500X100X2	90	300	12"	500	20"	100	4"	2/16211	5,33
CXF2E-300 600X100X2	90	300	12"	600	24"	100	4"	2/16212	5,78
CXF2E-300 150X120X2	90	300	12"	150	6"	120	4 5/7"	2/16213	4,33
CXF2E-300 200X120X2	90	300	12"	200	8"	120	4 5/7"	2/16214	4,56
CXF2E-300 300X120X2	90	300	12"	300	12"	120	4 5/7"	2/16215	5,02
CXF2E-300 400X120X2	90	300	12"	400	16"	120	4 5/7"	2/16216	5,47
CXF2E-300 500X120X2	90	300	12"	500	20"	120	4 5/7"	2/16217	5,93
CXF2E-300 600X120X2	90	300	12"	600	24"	120	4 5/7"	2/16218	6,39
CXF2E-300 150X150X2	90	300	12"	150	6"	150	6"	2/16219	5,28
CXF2E-300 200X150X2	90	300	12"	200	8"	150	6"	2/16220	5,51
CXF2E-300 300X150X2	90	300	12"	300	12"	150	6"	2/16221	5,96
CXF2E-300 400X150X2	90	300	12"	400	16"	150	6"	2/16222	6,42
CXF2E-300 500X150X2	90	300	12"	500	20"	150	6"	2/16223	6,87
CXF2E-300 600X150X2	90	300	12"	600	24"	150	6"	2/16224	7,33

2 x JUFE



H75-H120



H150

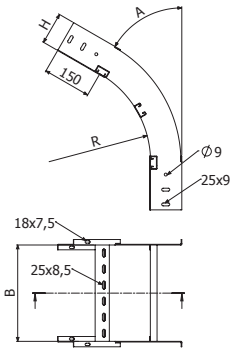
CXF2E30-600

H75-H120

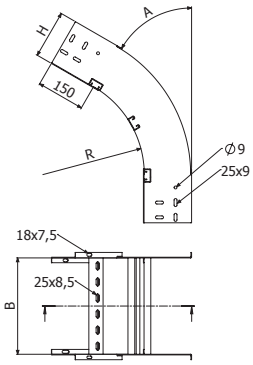
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E30-600 100X100X2	30	600	24"	100	4"	100	4"	2/16492	2,83
CXF2E30-600 150X100X2	30	600	24"	150	6"	100	4"	2/16493	3,06
CXF2E30-600 200X100X2	30	600	24"	200	8"	100	4"	2/16494	3,29
CXF2E30-600 300X100X2	30	600	24"	300	12"	100	4"	2/16495	3,74
CXF2E30-600 400X100X2	30	600	24"	400	16"	100	4"	2/16496	4,20
CXF2E30-600 500X100X2	30	600	24"	500	20"	100	4"	2/16497	4,66
CXF2E30-600 600X100X2	30	600	24"	600	24"	100	4"	2/16498	5,11
CXF2E30-600 150X120X2	30	600	24"	150	6"	120	4 5/7"	2/16499	3,49
CXF2E30-600 200X120X2	30	600	24"	200	8"	120	4 5/7"	2/16500	3,72
CXF2E30-600 300X120X2	30	600	24"	300	12"	120	4 5/7"	2/16501	4,17
CXF2E30-600 400X120X2	30	600	24"	400	16"	120	4 5/7"	2/16502	4,63
CXF2E30-600 500X120X2	30	600	24"	500	20"	120	4 5/7"	2/16503	5,09
CXF2E30-600 600X120X2	30	600	24"	600	24"	120	4 5/7"	2/16504	5,54
CXF2E30-600 150X150X2	30	600	24"	150	6"	150	6"	2/16505	4,15
CXF2E30-600 200X150X2	30	600	24"	200	8"	150	6"	2/16506	4,37
CXF2E30-600 300X150X2	30	600	24"	300	12"	150	6"	2/16507	4,83
CXF2E30-600 400X150X2	30	600	24"	400	16"	150	6"	2/16508	5,29
CXF2E30-600 500X150X2	30	600	24"	500	20"	150	6"	2/16509	5,74
CXF2E30-600 600X150X2	30	600	24"	600	24"	150	6"	2/16510	6,20

2 x JUFE



H75-H120



H150

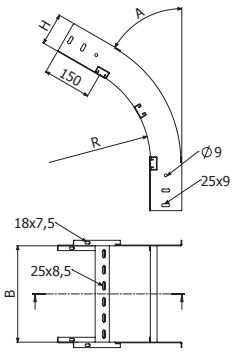
CXF2E45-600

H75-H120

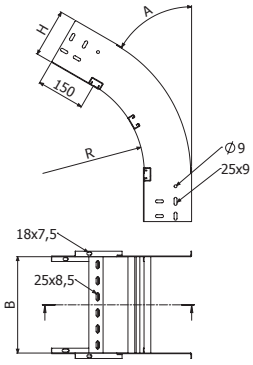
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E45-600 100X100X2	45	600	24"	100	4"	100	4"	2/16518	3,38
CXF2E45-600 150X100X2	45	600	24"	150	6"	100	4"	2/16519	3,60
CXF2E45-600 200X100X2	45	600	24"	200	8"	100	4"	2/16520	3,83
CXF2E45-600 300X100X2	45	600	24"	300	12"	100	4"	2/16521	4,29
CXF2E45-600 400X100X2	45	600	24"	400	16"	100	4"	2/16522	4,74
CXF2E45-600 500X100X2	45	600	24"	500	20"	100	4"	2/16523	5,20
CXF2E45-600 600X100X2	45	600	24"	600	24"	100	4"	2/16524	5,66
CXF2E45-600 150X120X2	45	600	24"	150	6"	120	4 5/7"	2/16525	4,15
CXF2E45-600 200X120X2	45	600	24"	200	8"	120	4 5/7"	2/16526	4,38
CXF2E45-600 300X120X2	45	600	24"	300	12"	120	4 5/7"	2/16527	4,84
CXF2E45-600 400X120X2	45	600	24"	400	16"	120	4 5/7"	2/16528	5,29
CXF2E45-600 500X120X2	45	600	24"	500	20"	120	4 5/7"	2/16529	5,75
CXF2E45-600 600X120X2	45	600	24"	600	24"	120	4 5/7"	2/16530	6,20
CXF2E45-600 150X150X2	45	600	24"	150	6"	150	6"	2/16531	5,00
CXF2E45-600 200X150X2	45	600	24"	200	8"	150	6"	2/16532	5,22
CXF2E45-600 300X150X2	45	600	24"	300	12"	150	6"	2/16533	5,68
CXF2E45-600 400X150X2	45	600	24"	400	16"	150	6"	2/16534	6,14
CXF2E45-600 500X150X2	45	600	24"	500	20"	150	6"	2/16535	6,59
CXF2E45-600 600X150X2	45	600	24"	600	24"	150	6"	2/16536	7,05

2 x JUFE



H75-H120



H150

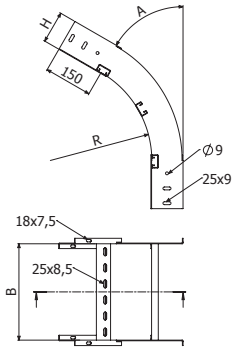
CXF2E60-600

H75-H120

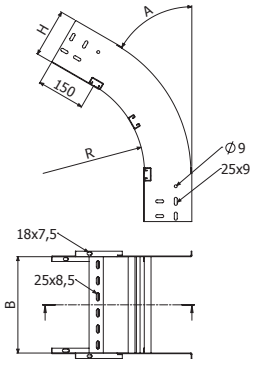
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E60-600 100X100X2	60	600	24"	100	4"	100	4"	2/16544	4,07
CXF2E60-600 150X100X2	60	600	24"	150	6"	100	4"	2/16545	4,38
CXF2E60-600 200X100X2	60	600	24"	200	8"	100	4"	2/16546	4,68
CXF2E60-600 300X100X2	60	600	24"	300	12"	100	4"	2/16547	5,29
CXF2E60-600 400X100X2	60	600	24"	400	16"	100	4"	2/16548	5,90
CXF2E60-600 500X100X2	60	600	24"	500	20"	100	4"	2/16549	6,50
CXF2E60-600 600X100X2	60	600	24"	600	24"	100	4"	2/16550	7,11
CXF2E60-600 150X120X2	60	600	24"	150	6"	120	4 5/7"	2/16551	5,04
CXF2E60-600 200X120X2	60	600	24"	200	8"	120	4 5/7"	2/16552	5,35
CXF2E60-600 300X120X2	60	600	24"	300	12"	120	4 5/7"	2/16553	5,96
CXF2E60-600 400X120X2	60	600	24"	400	16"	120	4 5/7"	2/16554	6,56
CXF2E60-600 500X120X2	60	600	24"	500	20"	120	4 5/7"	2/16555	7,17
CXF2E60-600 600X120X2	60	600	24"	600	24"	120	4 5/7"	2/16556	7,78
CXF2E60-600 150X150X2	60	600	24"	150	6"	150	6"	2/16557	6,07
CXF2E60-600 200X150X2	60	600	24"	200	8"	150	6"	2/16558	6,38
CXF2E60-600 300X150X2	60	600	24"	300	12"	150	6"	2/16559	6,98
CXF2E60-600 400X150X2	60	600	24"	400	16"	150	6"	2/16560	7,59
CXF2E60-600 500X150X2	60	600	24"	500	20"	150	6"	2/16561	8,20
CXF2E60-600 600X150X2	60	600	24"	600	24"	150	6"	2/16562	8,81

2 x JUFE



H75-H120



H150

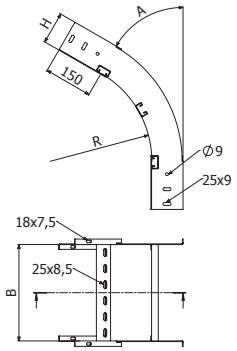
CXF2E-600

H75-H120

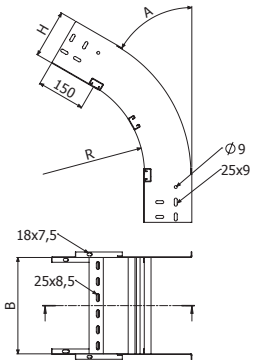
H150

	A	R		B		H		GC	
	º	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CXF2E-600 100X100X2	90	600	24"	100	4"	100	4"	2/16570	5,31
CXF2E-600 150X100X2	90	600	24"	150	6"	100	4"	2/16571	5,69
CXF2E-600 200X100X2	90	600	24"	200	8"	100	4"	2/16572	6,07
CXF2E-600 300X100X2	90	600	24"	300	12"	100	4"	2/16573	6,83
CXF2E-600 400X100X2	90	600	24"	400	16"	100	4"	2/16574	7,59
CXF2E-600 500X100X2	90	600	24"	500	20"	100	4"	2/16575	8,35
CXF2E-600 600X100X2	90	600	24"	600	24"	100	4"	2/16576	9,11
CXF2E-600 150X120X2	90	600	24"	150	6"	120	4 5/7"	2/16577	6,60
CXF2E-600 200X120X2	90	600	24"	200	8"	120	4 5/7"	2/16578	6,98
CXF2E-600 300X120X2	90	600	24"	300	12"	120	4 5/7"	2/16579	7,74
CXF2E-600 400X120X2	90	600	24"	400	16"	120	4 5/7"	2/16580	8,50
CXF2E-600 500X120X2	90	600	24"	500	20"	120	4 5/7"	2/16581	9,26
CXF2E-600 600X120X2	90	600	24"	600	24"	120	4 5/7"	2/16582	10,02
CXF2E-600 150X150X2	90	600	24"	150	6"	150	6"	2/16583	8,00
CXF2E-600 200X150X2	90	600	24"	200	8"	150	6"	2/16584	8,38
CXF2E-600 300X150X2	90	600	24"	300	12"	150	6"	2/16585	9,14
CXF2E-600 400X150X2	90	600	24"	400	16"	150	6"	2/16586	9,90
CXF2E-600 500X150X2	90	600	24"	500	20"	150	6"	2/16587	10,66
CXF2E-600 600X150X2	90	600	24"	600	24"	150	6"	2/16588	11,42

2 x JUFE



H75-H120

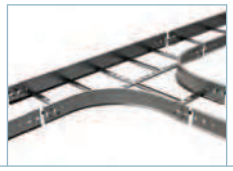


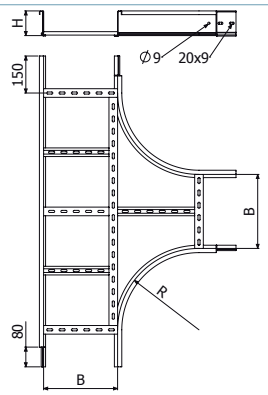
H150

TEF2E-300

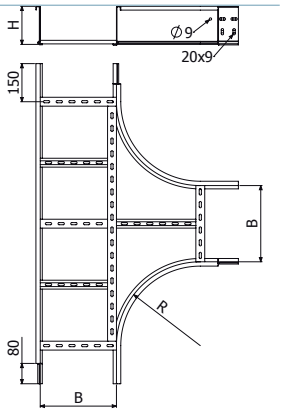
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEF2E-300 100X100X2	300	12"	100	4"	100	4"	2/16232	7,48
TEF2E-300 150X100X2	300	12"	150	6"	100	4"	2/16233	8,05
TEF2E-300 200X100X2	300	12"	200	8"	100	4"	2/16234	8,92
TEF2E-300 300X100X2	300	12"	300	12"	100	4"	2/16235	10,20
TEF2E-300 400X100X2	300	12"	400	16"	100	4"	2/16236	11,49
TEF2E-300 500X100X2	300	12"	500	20"	100	4"	2/16237	13,54
TEF2E-300 600X100X2	300	12"	600	24"	100	4"	2/16238	14,97
TEF2E-300 150X120X2	300	12"	150	6"	120	4 5/7"	2/16239	8,88
TEF2E-300 200X120X2	300	12"	200	8"	120	4 5/7"	2/16240	9,76
TEF2E-300 300X120X2	300	12"	300	12"	120	4 5/7"	2/16241	11,08
TEF2E-300 400X120X2	300	12"	400	16"	120	4 5/7"	2/16242	12,40
TEF2E-300 500X120X2	300	12"	500	20"	120	4 5/7"	2/16243	14,48
TEF2E-300 600X120X2	300	12"	600	24"	120	4 5/7"	2/16244	15,95
TEF2E-300 150X150X2	300	12"	150	6"	150	6"	2/16245	10,12
TEF2E-300 200X150X2	300	12"	200	8"	150	6"	2/16246	11,03
TEF2E-300 300X150X2	300	12"	300	12"	150	6"	2/16247	12,40
TEF2E-300 400X150X2	300	12"	400	16"	150	6"	2/16248	13,76
TEF2E-300 500X150X2	300	12"	500	20"	150	6"	2/16249	15,89
TEF2E-300 600X150X2	300	12"	600	24"	150	6"	2/16250	17,41

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)





TEF2E H75/100/120

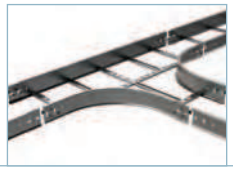


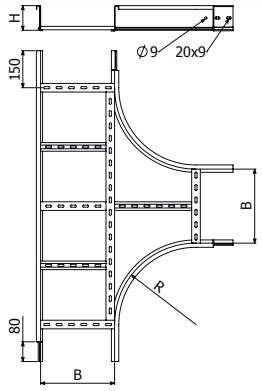
TEF2E H150

TEF2E-600

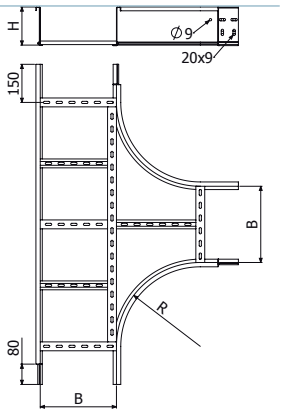
	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
TEF2E-600 100X100X2	600	24"	100	4"	100	4"	2/16596	12,66
TEF2E-600 150X100X2	600	24"	150	6"	100	4"	2/16597	13,53
TEF2E-600 200X100X2	600	24"	200	8"	100	4"	2/16598	14,40
TEF2E-600 300X100X2	600	24"	300	12"	100	4"	2/16599	16,14
TEF2E-600 400X100X2	600	24"	400	16"	100	4"	2/16600	18,49
TEF2E-600 500X100X2	600	24"	500	20"	100	4"	2/16601	20,39
TEF2E-600 600X100X2	600	24"	600	24"	100	4"	2/16602	23,19
TEF2E-600 150X120X2	600	24"	150	6"	120	4 5/7"	2/16603	14,85
TEF2E-600 200X120X2	600	24"	200	8"	120	4 5/7"	2/16604	15,74
TEF2E-600 300X120X2	600	24"	300	12"	120	4 5/7"	2/16605	17,51
TEF2E-600 400X120X2	600	24"	400	16"	120	4 5/7"	2/16606	19,90
TEF2E-600 500X120X2	600	24"	500	20"	120	4 5/7"	2/16607	21,82
TEF2E-600 600X120X2	600	24"	600	24"	120	4 5/7"	2/16608	24,66
TEF2E-600 150X150X2	600	24"	150	6"	150	6"	2/16609	16,84
TEF2E-600 200X150X2	600	24"	200	8"	150	6"	2/16610	17,75
TEF2E-600 300X150X2	600	24"	300	12"	150	6"	2/16611	19,57
TEF2E-600 400X150X2	600	24"	400	16"	150	6"	2/16612	22,00
TEF2E-600 500X150X2	600	24"	500	20"	150	6"	2/16613	23,97
TEF2E-600 600X150X2	600	24"	600	24"	150	6"	2/16614	26,86

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)





TEF2E H75/100/120

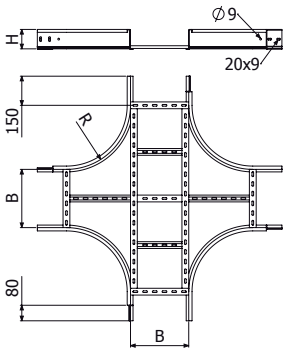


TEF2E H150

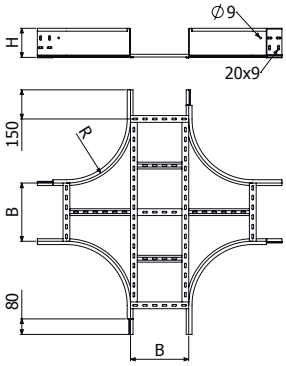
CRF2E-300

	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRF2E-300 100X100X2	300	12"	100	4"	100	4"	2/16258	9,90
CRF2E-300 150X100X2	300	12"	150	6"	100	4"	2/16259	10,51
CRF2E-300 200X100X2	300	12"	200	8"	100	4"	2/16260	11,42
CRF2E-300 300X100X2	300	12"	300	12"	100	4"	2/16261	12,79
CRF2E-300 400X100X2	300	12"	400	16"	100	4"	2/16262	14,16
CRF2E-300 500X100X2	300	12"	500	20"	100	4"	2/16263	16,28
CRF2E-300 600X100X2	300	12"	600	24"	100	4"	2/16264	17,80
CRF2E-300 150X120X2	300	12"	150	6"	120	4 5/7"	2/16265	11,50
CRF2E-300 200X120X2	300	12"	200	8"	120	4 5/7"	2/16266	12,41
CRF2E-300 300X120X2	300	12"	300	12"	120	4 5/7"	2/16267	13,78
CRF2E-300 400X120X2	300	12"	400	16"	120	4 5/7"	2/16268	15,14
CRF2E-300 500X120X2	300	12"	500	20"	120	4 5/7"	2/16269	17,27
CRF2E-300 600X120X2	300	12"	600	24"	120	4 5/7"	2/16270	18,79
CRF2E-300 150X150X2	300	12"	150	6"	150	6"	2/16271	12,98
CRF2E-300 200X150X2	300	12"	200	8"	150	6"	2/16272	13,89
CRF2E-300 300X150X2	300	12"	300	12"	150	6"	2/16273	15,26
CRF2E-300 400X150X2	300	12"	400	16"	150	6"	2/16274	16,62
CRF2E-300 500X150X2	300	12"	500	20"	150	6"	2/16275	18,75
CRF2E-300 600X150X2	300	12"	600	24"	150	6"	2/16276	20,27

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



CRF2E H75/100/120

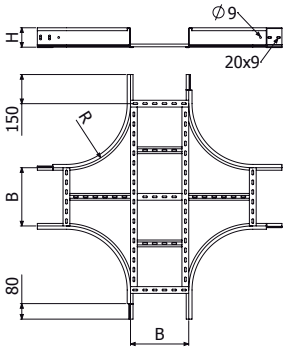


CRF2E H150

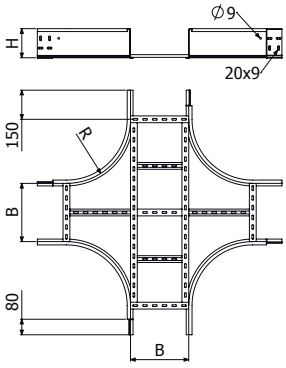
CRF2E-600

	R		B		H		GC	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CRF2E-600 100X100X2	600	24"	100	4"	100	4"	2/16622	17,13
CRF2E-600 150X100X2	600	24"	150	6"	100	4"	2/16623	18,12
CRF2E-600 200X100X2	600	24"	200	8"	100	4"	2/16624	19,11
CRF2E-600 300X100X2	600	24"	300	12"	100	4"	2/16625	21,09
CRF2E-600 400X100X2	600	24"	400	16"	100	4"	2/16626	23,67
CRF2E-600 500X100X2	600	24"	500	20"	100	4"	2/16627	25,80
CRF2E-600 600X100X2	600	24"	600	24"	100	4"	2/16628	28,84
CRF2E-600 150X120X2	600	24"	150	6"	120	4 5/7"	2/16629	19,71
CRF2E-600 200X120X2	600	24"	200	8"	120	4 5/7"	2/16630	20,70
CRF2E-600 300X120X2	600	24"	300	12"	120	4 5/7"	2/16631	22,68
CRF2E-600 400X120X2	600	24"	400	16"	120	4 5/7"	2/16632	25,26
CRF2E-600 500X120X2	600	24"	500	20"	120	4 5/7"	2/16633	27,39
CRF2E-600 600X120X2	600	24"	600	24"	120	4 5/7"	2/16634	30,43
CRF2E-600 150X150X2	600	24"	150	6"	150	6"	2/16635	22,10
CRF2E-600 200X150X2	600	24"	200	8"	150	6"	2/16636	23,09
CRF2E-600 300X150X2	600	24"	300	12"	150	6"	2/16637	25,06
CRF2E-600 400X150X2	600	24"	400	16"	150	6"	2/16638	27,65
CRF2E-600 500X150X2	600	24"	500	20"	150	6"	2/16639	29,77
CRF2E-600 600X150X2	600	24"	600	24"	150	6"	2/16640	32,81

4/100 x B2 (2/6792 - GC) (8/100 x B2 ↑ 150)



CRF2E H75/100/120



CRF2E H150

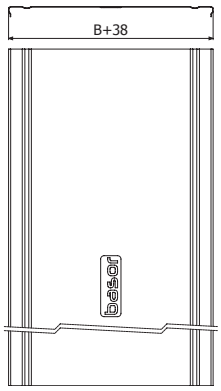
TFE

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	2/4937	2,06
TFE 150x1,5 3M	150	6''	1,5	2/4472	2,66
TFE 200x1,5 3M	200	8''	1,5	2/4473	3,26
TFE 300x1,5 3M	300	12''	1,5	2/3579	4,46
TFE 400x1,5 2M	400	16''	1,5	2/4430	5,66
TFE 500x1,5 2M	500	20''	1,5	2/4509	6,86
TFE 600x1,5 2M	600	24''	1,5	2/4494	8,06

4 x PTFE (2/7054 - i304)



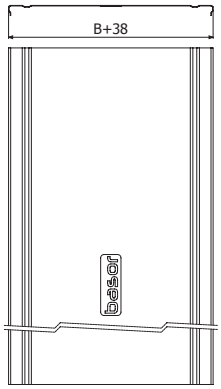
TFEL

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	2/10000	1,1
TFEL 150x0,8 3M	150	6"	0,8	2/10001	1,42
TFEL 200x0,8 3M	200	8"	0,8	2/10002	1,74
TFEL 300x0,8 3M	300	12"	0,8	2/10003	2,38
TFEL 400x1 2M	400	16"	1	2/10004	3,78
TFEL 500x1 2M	500	20"	1	2/10005	4,58
TFEL 600x1 2M	600	24"	1	2/10006	5,38

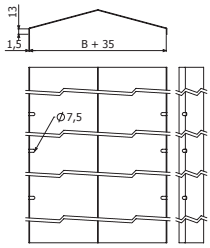
4 x PTFE (2/7054 - i304)



T2AFE

	B		GC	
	mm	inch	REF.	kg/m
T2AFE 100x1,5	100	4''	2/9778	2,17
T2AFE 150x1,5	150	6''	2/9779	2,82
T2AFE 200x1,5	200	8''	2/9780	3,47
T2AFE 300x1,5	300	12''	2/9781	4,77
T2AFE 400x1,5	400	16''	2/9782	6,08
T2AFE 500x1,5	500	20''	2/9783	7,38
T2AFE 600x1,5	600	24''	2/9784	8,69

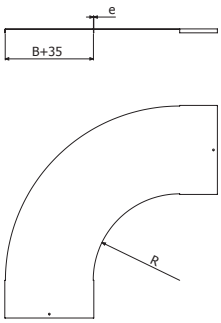
4 x PTFE-2A (2/10008 - i304)



TCPFE-300

	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
TCPFE-300 100x1,5	300	12"	100	4"	1,5	2/17213	1,89
TCPFE-300 150x1,5	300	12"	150	6"	1,5	2/17214	2,56
TCPFE-300 200x1,5	300	12"	200	8"	1,5	2/17215	3,29
TCPFE-300 300x1,5	300	12"	300	12"	1,5	2/17216	4,90
TCPFE-300 400x1,5	300	12"	400	16"	1,5	2/17217	6,72
TCPFE-300 500x1,5	300	12"	500	20"	1,5	2/17218	8,74
TCPFE-300 600x1,5	300	12"	600	24"	1,5	2/17219	10,98

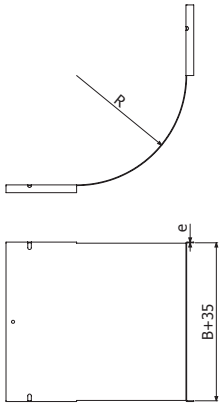
4 x PTFE (2/7054 - i304)



TCCFE-300

	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TCCFE-300 100x1,5	300	12"	100	4"	1,5	2/17220	1,73
TCCFE-300 150x1,5	300	12"	150	6"	1,5	2/17221	2,24
TCCFE-300 200x1,5	300	12"	200	8"	1,5	2/17222	2,75
TCCFE-300 300x1,5	300	12"	300	12"	1,5	2/17223	3,77
TCCFE-300 400x1,5	300	12"	400	16"	1,5	2/17224	4,78
TCCFE-300 500x1,5	300	12"	500	20"	1,5	2/17225	5,80
TCCFE-300 600x1,5	300	12"	600	24"	1,5	2/17226	6,82

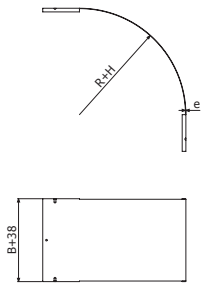
4 x PTFE (2/7054 - i304)



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"	2/17227	2,00
TCXFE-300 150X75x1,5	300	12"	150	6"	1,5	75	3"	2/17228	2,58
TCXFE-300 200X75x1,5	300	12"	200	8"	1,5	75	3"	2/17229	3,17
TCXFE-300 300X75x1,5	300	12"	300	12"	1,5	75	3"	2/17230	4,34
TCXFE-300 400X75x1,5	300	12"	400	16"	1,5	75	3"	2/17231	5,52
TCXFE-300 500X75x1,5	300	12"	500	20"	1,5	75	3"	2/17232	6,69
TCXFE-300 600X75x1,5	300	12"	600	24"	1,5	75	3"	2/17233	7,86
TCXFE-300 100X100x1,5	300	12"	100	4"	1,5	100	4"	2/17234	2,08
TCXFE-300 150X100x1,5	300	12"	150	6"	1,5	100	4"	2/17235	2,70
TCXFE-300 200X100x1,5	300	12"	200	8"	1,5	100	4"	2/17236	3,31
TCXFE-300 300X100x1,5	300	12"	300	12"	1,5	100	4"	2/17237	4,53
TCXFE-300 400X100x1,5	300	12"	400	16"	1,5	100	4"	2/17238	5,76
TCXFE-300 500X100x1,5	300	12"	500	20"	1,5	100	4"	2/17239	6,98
TCXFE-300 600X100x1,5	300	12"	600	24"	1,5	100	4"	2/17240	8,21
TCXFE-300 150X120x1,5	300	12"	150	6"	1,5	120	5"	2/17241	2,79
TCXFE-300 200X120x1,5	300	12"	200	8"	1,5	120	5"	2/17242	3,42
TCXFE-300 300X120x1,5	300	12"	300	12"	1,5	120	5"	2/17243	4,69
TCXFE-300 400X120x1,5	300	12"	400	16"	1,5	120	5"	2/17244	5,95
TCXFE-300 500X120x1,5	300	12"	500	20"	1,5	120	5"	2/17245	7,22
TCXFE-300 600X120x1,5	300	12"	600	24"	1,5	120	5"	2/17246	8,49
TCXFE-300 150X150x1,5	300	12"	150	6"	1,5	150	6"	2/17247	2,92
TCXFE-300 200X150x1,5	300	12"	200	8"	1,5	150	6"	2/17248	3,59
TCXFE-300 300X150x1,5	300	12"	300	12"	1,5	150	6"	2/17249	4,92
TCXFE-300 400X150x1,5	300	12"	400	16"	1,5	150	6"	2/17250	6,25
TCXFE-300 500X150x1,5	300	12"	500	20"	1,5	150	6"	2/17251	7,58
TCXFE-300 600X150x1,5	300	12"	600	24"	1,5	150	6"	2/17252	8,90

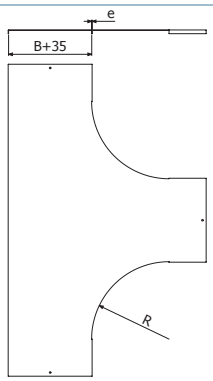
4 x PTFE (2/7054 - i304)



TTEFE-300

	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TTEFE-300 100x1,5	300	12"	100	4"	1,5	2/17253	3,52
TTEFE-300 150x1,5	300	12"	150	6"	1,5	2/17254	4,60
TTEFE-300 200x1,5	300	12"	200	8"	1,5	2/17255	5,74
TTEFE-300 300x1,5	300	12"	300	12"	1,5	2/17256	8,23
TTEFE-300 400x1,5	300	12"	400	16"	1,5	2/17257	10,98
TTEFE-300 500x1,5	300	12"	500	20"	1,5	2/17258	14,00
TTEFE-300 600x1,5	300	12"	600	24"	1,5	2/17259	17,28

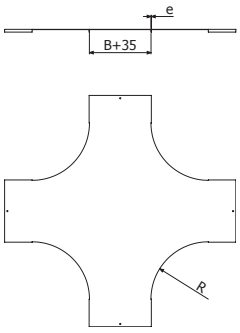
6 x PTFE (2/7054 - i304)



TCRFE-300

	R		B		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
TCRFE-300 100x1,5	300	12"	100	4"	1,5	2/17260	4,79
TCRFE-300 150x1,5	300	12"	150	6"	1,5	2/17261	6,14
TCRFE-300 200x1,5	300	12"	200	8"	1,5	2/17262	7,56
TCRFE-300 300x1,5	300	12"	300	12"	1,5	2/17263	10,60
TCRFE-300 400x1,5	300	12"	400	16"	1,5	2/17264	13,90
TCRFE-300 500x1,5	300	12"	500	20"	1,5	2/17265	17,46
TCRFE-300 600x1,5	300	12"	600	24"	1,5	2/17266	21,29

8 x PTFE (2/7054 - i304)

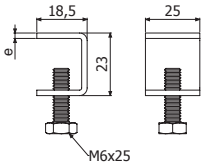


PTFE

	Pap	e	i304	
	Nm	mm	REF.	kg/ud
PTFE	6	2	2/7054	0,02

4 x PTFE --> 1 x TFE

10

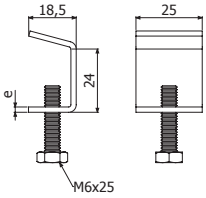


PT2AFE

	Pap	e	i304	
	Nm	mm	REF.	kg/ud
PT2AFE	6	2	2/10008	0,02

4 x PT2AFE --> 1 x TFE

10



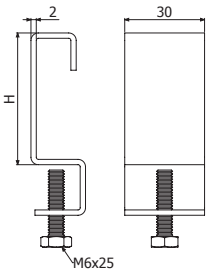
PTFE-E60

	Pap	H		i304	
	Nm	mm	inch	REF.	kg/ud
PTFE-E60	6	60	2 3/8"	2/9787	0,06

PTFE-60 + PTFE (2/7054) -->

4 x PTFE-E60 --> 1 x TFE

10



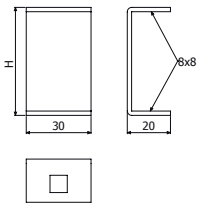
PVTFE-E60

	Pap	H		i304	
	Nm	mm	inch	REF.	kg/ud
PVTFE-E60	6	60	2 3/8"	2/9788	0,06

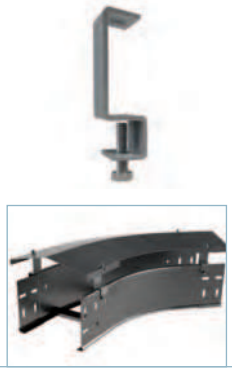
PVTFE-60 + PTFE (2/7054) -->

4 x PVTFE-E60 --> 1 x TFE

10



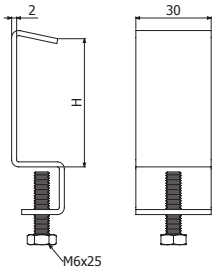
PT2AFE-E60



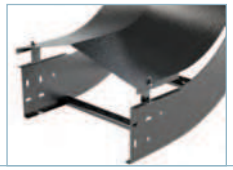
	Pap	H		i304	
	Nm	mm	inch	REF.	kg/ud
PT2AFE-E60	6	60	2 3/8"	2/9785	0,06

PT2AFE-E60 + 1/100 x B1 (2/4925) -->

4 x PT2AFE-E60 --> 1 x TFE



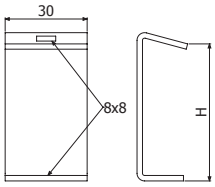
PVT2AFE-E60



	Pap	H		i304	
	Nm	mm	inch	REF.	kg/ud
PVT2AFE-E60	6	60	2 3/8"	2/9786	0,06

PVT2AFE-E60 + 2/100 x B1 (2/4925) -->

4 x PVT2AFE-E60 --> 1 x TFE



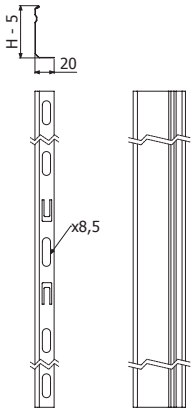
PS

L = 3 m (10 ft)

	H		GS		GC	
	mm	inch	REF.	kg/m	REF.	kg/m
PS 35	35	1 3/8"	2/3476	0,29	2/3479	0,29
PS 60	60	2 3/8"	2/2066	0,34	2/3480	0,43
PS 80	80	3 1/7"	2/3477	0,46	2/3481	0,63
PS 100	100	4"	2/3478	0,56	2/3482	0,76

1 x ISO7380 M8x30 (0/1117) + 1 x DIN9021 M8 (0/0298) + 1 x DIN6923 M8 (0/0348)

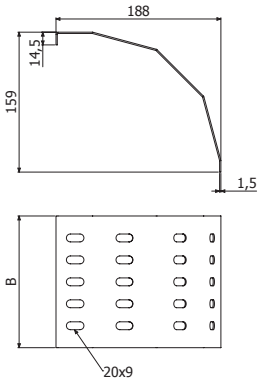
PS 35→ FE H60, PS 60→ FE H75, PS 80→FE H100, PS 100→FE H120/H150.



BJCFE

	e	GC	
	mm	REF.	kg/ud
BJCFE 100x1,5	1,5	2/10021	0,60
BJCFE 150x1,5	1,5	2/10022	0,90
BJCFE 200x1,5	1,5	2/10023	1,20
BJCFE 300x1,5	1,5	2/10024	1,70
BJCFE 400x1,5	1,5	2/10025	2,30
BJCFE 500x1,5	1,5	2/10026	2,90
BJCFE 600x1,5	1,5	2/10027	3,40

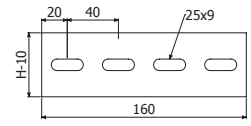
2/100 x B2 (2/6792 - GC)



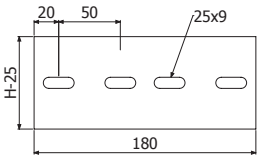
JUFE

	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE 60/75	75	3”	2	2/0854	0,08
JUFE 100	100	4”	2	2/0856	0,20
JUFE 120	120	4 5/7”	2	2/6940	0,25
JUFE 150	150	6”	2	2/6941	0,33

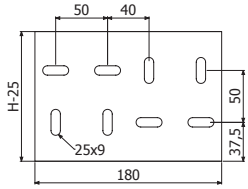
4/100 x B2 (2/6792 - GC) / 8/100 x B2 ↑150



JUFE 75



JUFE 100/120

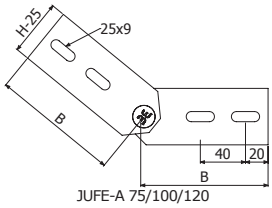


JUFE 150

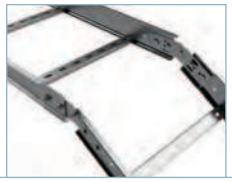
JUFE-A

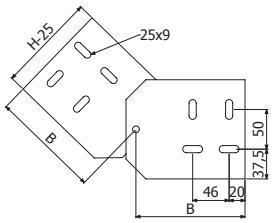
	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-A 60/75	75	3”	2	2/0857	0,08
JUFE-A 100	100	4”	2	2/0859	0,20
JUFE-A 120	120	4 5/7”	2	2/6942	0,25
JUFE-A 150	150	6”	2	2/6943	0,33

4/100 x B2 (2/6792 - GC) / 8/100 x B2 ↑150



JUFE-A 75/100/120





JUFE-A 150

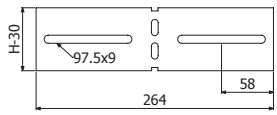
JUFE-B


JUFE-B 75

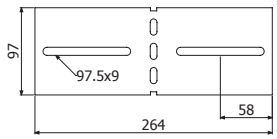
	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUFE-B 60/75	75	3”	2	2/0860	0,13
JUFE-B 100	100	4”	2	2/0862	0,30
JUFE-B 120	120	4 5/7”	2	2/6944	0,38
JUFE-B 150	150	6”	2	2/6945	0,46

4/100 x B2 (2/6792 - GC) / 8/100 x B2 ↑150

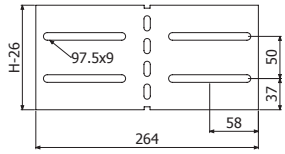

JUFE-B 150



JUFE-B 75/100

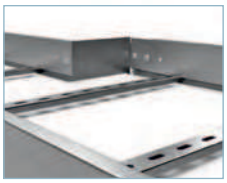


JUFE-B 120



JUFE-B 150

REFE

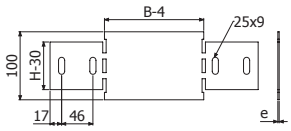


REFE H75/100/120

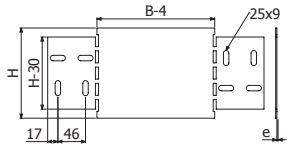
REFE H150

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
REFE 50x75x2	50	2"	75	3"	2	2/6803	0,17
REFE 100x75x2	100	4"	75	3"	2	2/6804	0,23
REFE 150x75x2	150	6"	75	3"	2	2/6805	0,30
REFE 200x75x2	200	8"	75	3"	2	2/6806	0,36
REFE 50x100x2	50	2"	100	4"	2	2/6807	0,26
REFE 100x100x2	100	4"	100	4"	2	2/6808	0,34
REFE 150x100x2	150	6"	100	4"	2	2/6809	0,43
REFE 200x100x2	200	8"	100	4"	2	2/6810	0,51
REFE 50x120x2	50	2"	120	4 5/7"	2	2/6954	0,33
REFE 100x120x2	100	4"	120	4 5/7"	2	2/6955	0,43
REFE 150x120x2	150	6"	120	4 5/7"	2	2/6956	0,53
REFE 200x120x2	200	8"	120	4 5/7"	2	2/6957	0,63
REFE 50x150x2	50	2"	150	6"	2	2/6958	0,42
REFE 100x150x2	100	4"	150	6"	2	2/6959	0,55
REFE 150x150x2	150	6"	150	6"	2	2/6960	0,67
REFE 200x150x2	200	8"	150	6"	2	2/6961	0,80

4/100 x B2 (2/6792 - GC) / 8/100 x B2 ↑150



REFE H75/100/120



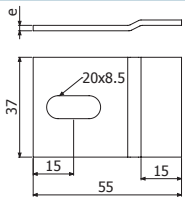
REFE H150

BFE

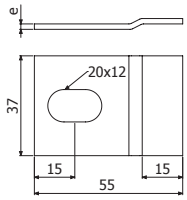
	e	GC	
	mm	REF.	kg/ud
BFE 8	2	2/0863	0,03
BFE 12	3	2/0864	0,04

BFE 8 --> SHL --> B2 (2/6792 - GC)

SP/SPD + BEF 12 --> DIN933 10X30 (0/0320 - i304) + TM41 M10 (0/1071 - GC)

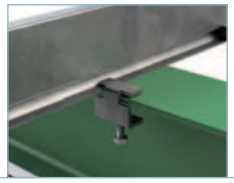


BFE 8



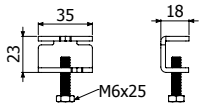
BFE 12

BEV



	H		GC		i304	
	inch	mm	REF	Kg/ud	REF.	kg/ud
BEV	6	150	2/11805	0,07	2/14473	0,05

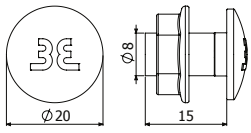
10

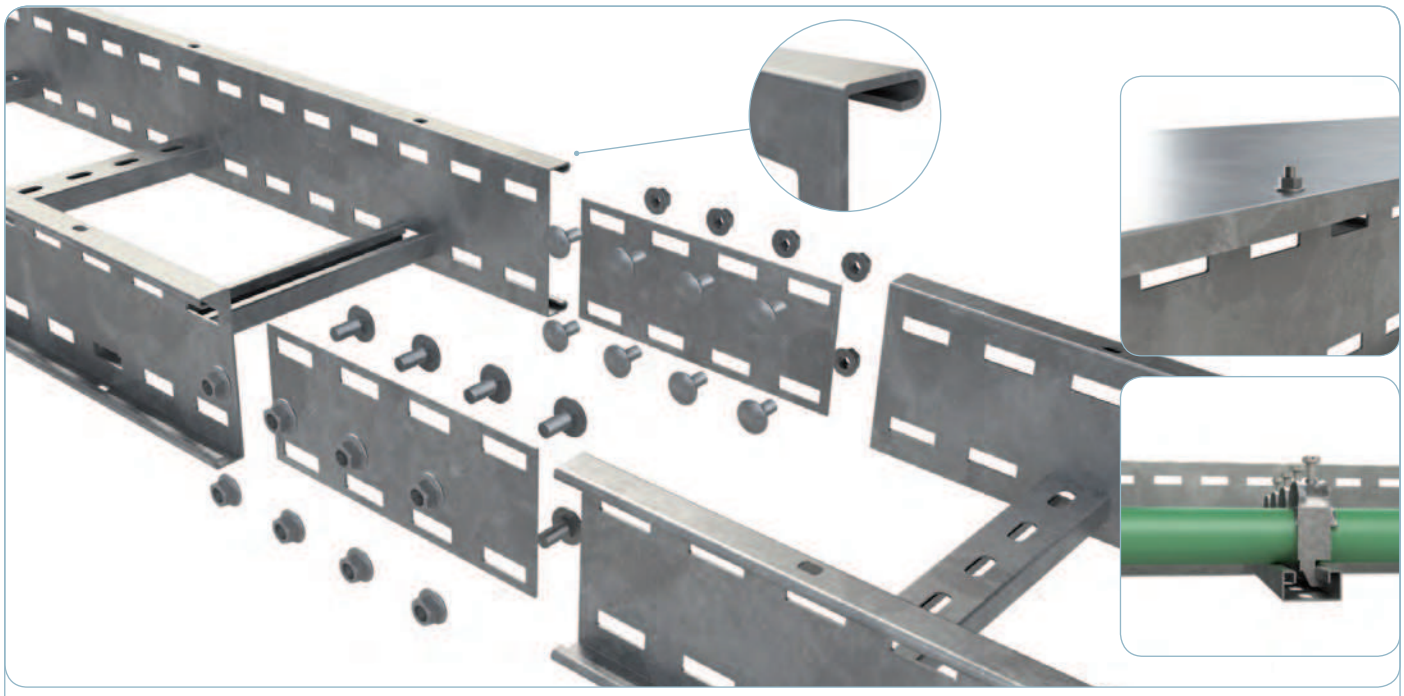


B2

	Pap	GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud
B2-100	15	2/6792	1,83	2/5392	1,71

13





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
UNE-EN 50085

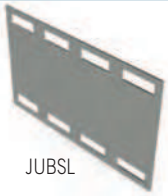

CPBSL


CCBSL

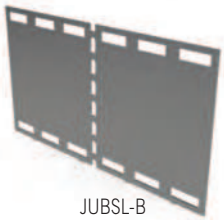

CXBSL


TEBSL


CRBSL


JUBSL


JUBSL-A


JUBSL-B


BBSL

B		Filling Area							
		H50 (2")		H100 (4")		H125 (5")		H150 (6")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
100	4	15	2	-	-	-	-	-	-
150	6	23	3	98	15	135	21	173	27
300	12	45	7	195	30	270	42	336	52
450	18	68	10	293	45	405	63	504	78
600	24	90	14	390	60	540	84	672	104
750	30	113	17	488	76	675	105	840	130
900	35	135	21	585	91	810	126	1008	156

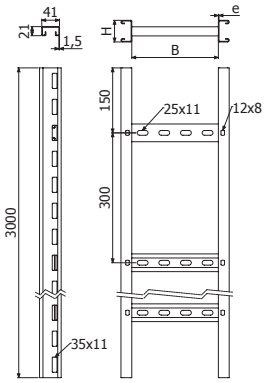
BSL H50

L = 3 m

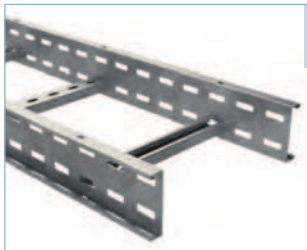
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 100X50X1,5-300 3M	100	4”	50	2”	1,5	2/15136	3,34	2/10285	3,01	2/15159	3,01
BSL 150X50X1,5-300 3M	150	6”	50	2”	1,5	2/15137	3,53	2/10286	3,18	2/15160	3,18
BSL 300X50X1,5-300 3M	300	12”	50	2”	1,5	2/15138	4,12	2/10287	3,70	2/15161	3,70
BSL 450X50X1,5-300 3M	450	18”	50	2”	1,5	2/15139	4,70	2/10288	4,23	2/15162	4,23
BSL 600X50X1,5-300 3M	600	24”	50	2”	1,5	2/15140	5,28	2/10289	4,75	2/15163	4,75
BSL 750X50X1,5-300 3M	750	30”	50	2”	1,5	2/15141	5,86	2/10290	5,28	2/15164	5,28
BSL 900X50X1,5-300 3M	900	36”	50	2”	1,5	2/15142	6,44	2/10291	5,80	2/15165	5,80

Rung 41x21x1,5

2 x JUBSL 50 (2/15424 GC - 2/15433 i316)



BSL H100

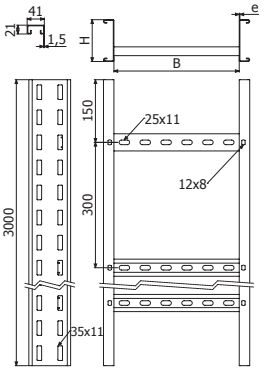


L = 3 m

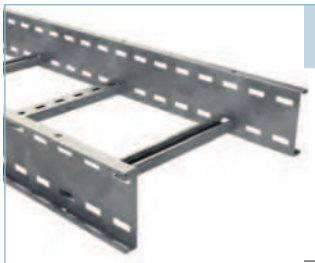
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 150X100X1,5-300 3M	150	6”	100	4”	1,5	2/15143	4,73	2/14615	4,26	2/15166	4,26
BSL 300X100X1,5-300 3M	300	12”	100	4”	1,5	2/15144	5,32	2/14617	4,78	2/15167	4,78
BSL 450X100X1,5-300 3M	450	18”	100	4”	1,5	2/15145	5,90	2/14619	5,31	2/15168	5,31
BSL 600X100X1,5-300 3M	600	24”	100	4”	1,5	2/15146	6,48	2/14621	5,83	2/15169	5,83
BSL 750X100X1,5-300 3M	750	30”	100	4”	1,5	2/15147	7,06	2/14622	6,36	2/15170	6,36
BSL 900X100X1,5-300 3M	900	36”	100	4”	1,5	2/15148	7,64	2/14623	6,88	2/15171	6,88

Rung 41x21x1,5

2 x JUBSL 100 (2/15425 GC - 2/15434 i316)



BSL H125

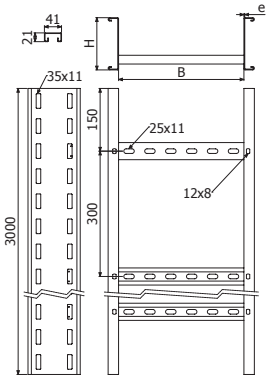


L = 3 m

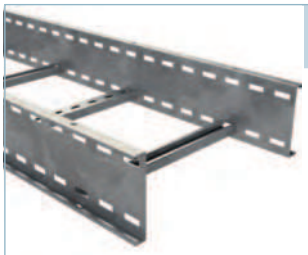
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 150X125X2-300 3M	150	6”	125	5”	2	2/15149	6,79	2/14624	6,28	2/15172	6,28
BSL 300X125X2-300 3M	300	12”	125	5”	2	2/15150	7,37	2/14626	6,82	2/15173	6,82
BSL 450X125X2-300 3M	450	18”	125	5”	2	2/15151	7,95	2/14628	7,36	2/15174	7,36
BSL 600X125X2-300 3M	600	24”	125	5”	2	2/15152	8,54	2/14630	7,90	2/15175	7,90
BSL 750X125X2-300 3M	750	30”	125	5”	2	2/15153	9,93	2/14631	9,18	2/15176	9,18
BSL 900X125X2-300 3M	900	36”	125	5”	2	2/15154	10,67	2/14632	9,87	2/15177	9,87

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

2 x JUBSL 125 (2/15426 GC - 2/15435 iS316)



BSL H150

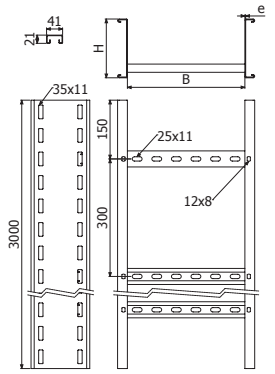


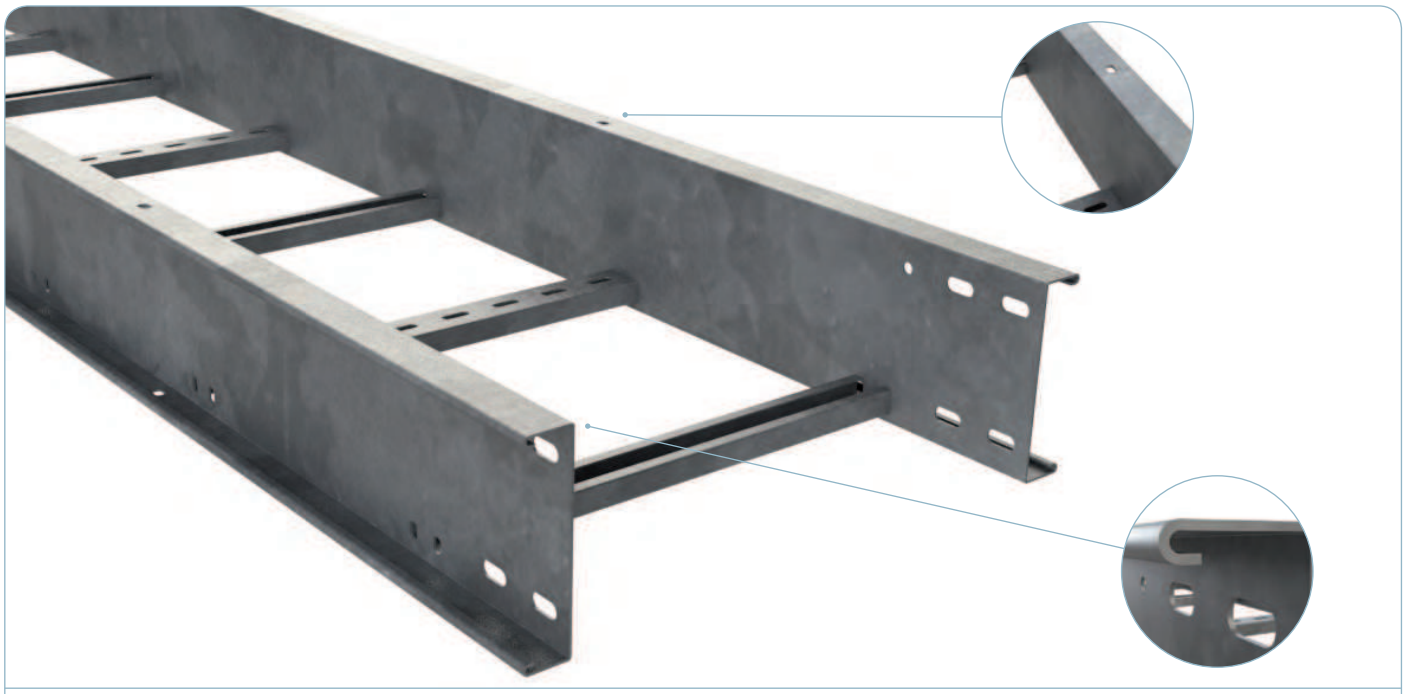
L = 3 m

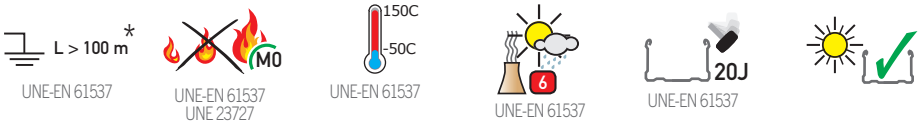
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/m	REF.	kg/m	REF.	kg/m
BSL 150X150X2-300 3M	150	6”	150	6”	2	2/15155	7,59	2/14633	7,02	2/15178	7,02
BSL 300X150X2-300 3M	300	12”	150	6”	2	2/6437	8,17	2/14635	7,56	2/15179	7,56
BSL 450X150X2-300 3M	450	18”	150	6”	2	2/15156	8,75	2/14637	8,10	2/15180	8,10
BSL 600X150X2-300 3M	600	24”	150	6”	2	2/6439	9,34	2/14639	8,64	2/15181	8,64
BSL 750X150X2-300 3M	750	30”	150	6”	2	2/15157	10,73	2/14640	9,92	2/15182	9,92
BSL 900X150X2-300 3M	900	36”	150	6”	2	2/15158	11,47	2/14641	10,61	2/15183	10,61

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

2 x JUBSL 150 (2/6445 GC - 2/15436 i316)

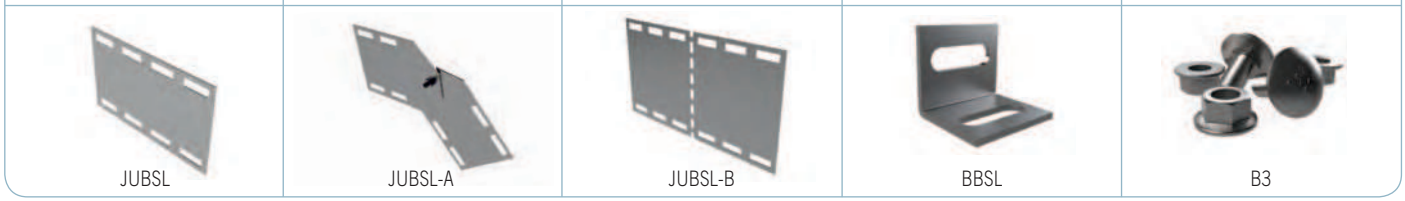






UNE-EN 61537 | UNE-EN 61537 UNE 23727 | UNE-EN 61537 | UNE-EN 61537 | UNE-EN 61537

CPBSL | CCBSL | CXBSL | TEBSL | CRBSL



JUBSL | JUBSL-A | JUBSL-B | BBSL | B3

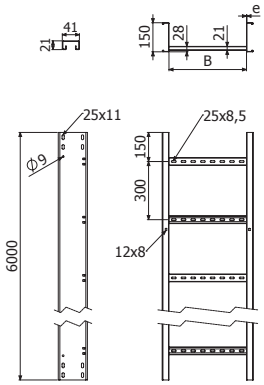
		Filling Area			
BSLR		H125 (5”)		H150 (6”)	
mm	inch	cm²	in²	cm²	in²
300	12”	**270**	41,8	**345**	53,5
400	16”	**360**	55,8	**460**	71,3
600	24”	**540**	83,7	**690**	107,0

BSLR H125

L=6m (20ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BSLR 300x125x2-300 6M	**300**	12	**125**	5	**2**	2/12097	15,14
BSLR 450x125x2-300 6M	**450**	18	**125**	5	**2**	2/12098	15,83
BSLR 600x125x2-300 6M	**600**	24	**125**	5	**2**	2/12099	17,21

2 x JUBSL 125 (2/15426)

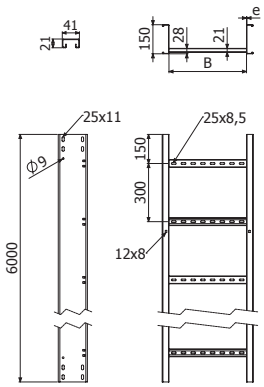


BSLR H150

L=6m (20ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
BSLR 300x150x2-300 6M	300	12	**150**	6	**2**	2/10270	16,71
BSLR 450x150x2-300 6M	450	18	**150**	6	**2**	2/10272	17,40
BSLR 600x150x2-300 6M	600	24	**150**	6	**2**	2/10273	18,79

2 x JUBSL 150 (2/6445)

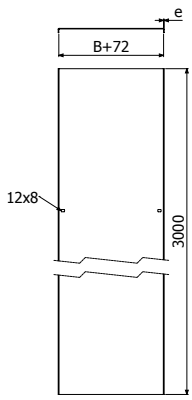


TBSLR

L = 3 m (10 ft)

	B		e	GC	
	mm	inch	mm	REF.	kg/ud
TBSLR 300 3M	**300**	12	**2**	2/10275	6,24
TBSLR 450 3M	**450**	18	**2**	2/10277	7,94
TBSLR 600 3M	**600**	24	**2**	2/10278	11,14

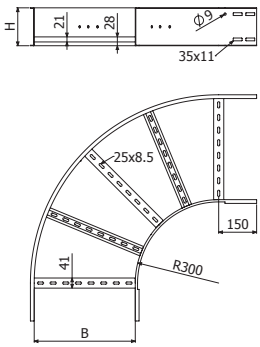
6/100 x B1 (2/6826-GC)



CPBSL-300

	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CPBSL-300 100X50X1,5	100	4”	50	2”	1,5	2/15184	2,86	2/16641	2,57	2/15207	2,57
CPBSL-300 150X50X1,5	150	6”	50	2”	1,5	2/15185	3,15	2/16642	2,83	2/15208	2,83
CPBSL-300 300X50X1,5	300	12”	50	2”	1,5	2/15186	4,02	2/16643	3,62	2/15209	3,62
CPBSL-300 450X50X1,5	450	18”	50	2”	1,5	2/15187	5,42	2/16644	4,87	2/15210	4,87
CPBSL-300 600X50X1,5	600	24”	50	2”	1,5	2/15188	6,46	2/16645	5,82	2/15211	5,82
CPBSL-300 750X50X1,5	750	30”	50	2”	1,5	2/15189	8,38	2/16646	7,54	2/15212	7,54
CPBSL-300 900X50X1,5	900	36”	50	2”	1,5	2/15190	9,60	2/16647	8,64	2/15213	8,64
CPBSL-300 150X100X1,5	150	6”	100	4”	1,5	2/15191	4,22	2/16648	3,79	2/15214	3,79
CPBSL-300 300X100X1,5	300	12”	100	4”	1,5	2/15192	5,23	2/16649	4,71	2/15215	4,71
CPBSL-300 450X100X1,5	450	18”	100	4”	1,5	2/15193	6,76	2/16650	6,09	2/15216	6,09
CPBSL-300 600X100X1,5	600	24”	100	4”	1,5	2/15194	7,95	2/16651	7,16	2/15217	7,16
CPBSL-300 750X100X1,5	750	30”	100	4”	1,5	2/15195	10,01	2/16652	9,01	2/15218	9,01
CPBSL-300 900X100X1,5	900	36”	100	4”	1,5	2/15196	11,38	2/16653	10,24	2/15219	10,24
CPBSL-300 150X125X2	150	6”	125	5”	2	2/15197	5,26	2/16654	4,87	2/15220	4,87
CPBSL-300 300X125X2	300	12”	125	5”	2	2/15198	6,33	2/16655	5,86	2/15221	5,86
CPBSL-300 450X125X2	450	18”	125	5”	2	2/15199	7,93	2/16656	7,34	2/15222	7,34
CPBSL-300 600X125X2	600	24”	125	5”	2	2/15200	9,18	2/16657	8,49	2/15223	8,49
CPBSL-300 750X125X2	750	30”	125	5”	2	2/15201	14,02	2/16658	12,97	2/15224	12,97
CPBSL-300 900X125X2	900	36”	125	5”	2	2/15202	15,87	2/16659	14,68	2/15225	14,68
CPBSL-300 150X150X2	150	6”	150	6”	2	2/15203	5,87	2/16660	5,43	2/15226	5,43
CPBSL-300 300X150X2	300	12”	150	6”	2	2/6962	7,02	2/16661	6,49	2/15227	6,49
CPBSL-300 450X150X2	450	18”	150	6”	2	2/15204	8,68	2/16662	8,03	2/15228	8,03
CPBSL-300 600X150X2	600	24”	150	6”	2	2/6964	10,00	2/16663	9,25	2/15229	9,25
CPBSL-300 750X150X2	750	30”	150	6”	2	2/15205	15,11	2/16664	13,98	2/15230	13,98
CPBSL-300 900X150X2	900	36”	150	6”	2	2/15206	17,05	2/16665	15,78	2/15231	15,78

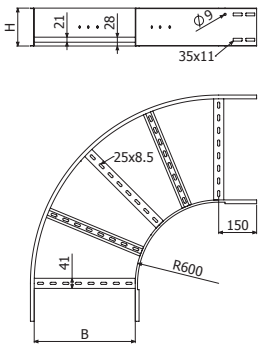
2 x JUBSL



CPBSL-600

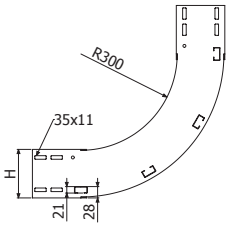
	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CPBSL-600 100X50X1,5	100	4”	50	2”	1,5	2/16766	4,25	2/16891	3,82	2/17016	3,82
CPBSL-600 150X50X1,5	150	6”	50	2”	1,5	2/16767	4,54	2/16892	4,09	2/17017	4,09
CPBSL-600 300X50X1,5	300	12”	50	2”	1,5	2/16768	5,41	2/16893	4,87	2/17018	4,87
CPBSL-600 450X50X1,5	450	18”	50	2”	1,5	2/16769	6,81	2/16894	6,13	2/17019	6,13
CPBSL-600 600X50X1,5	600	24”	50	2”	1,5	2/16770	7,85	2/16895	7,07	2/17020	7,07
CPBSL-600 750X50X1,5	750	30”	50	2”	1,5	2/16771	9,77	2/16896	8,79	2/17021	8,79
CPBSL-600 900X50X1,5	900	36”	50	2”	1,5	2/16772	10,99	2/16897	9,89	2/17022	9,89
CPBSL-600 150X100X1,5	150	6”	100	4”	1,5	2/16773	6,17	2/16898	5,55	2/17023	5,55
CPBSL-600 300X100X1,5	300	12”	100	4”	1,5	2/16774	7,18	2/16899	6,47	2/17024	6,47
CPBSL-600 450X100X1,5	450	18”	100	4”	1,5	2/16775	8,72	2/16900	7,85	2/17025	7,85
CPBSL-600 600X100X1,5	600	24”	100	4”	1,5	2/16776	9,91	2/16901	8,92	2/17026	8,92
CPBSL-600 750X100X1,5	750	30”	100	4”	1,5	2/16777	11,97	2/16902	10,77	2/17027	10,77
CPBSL-600 900X100X1,5	900	36”	100	4”	1,5	2/16778	13,33	2/16903	12,00	2/17028	12,00
CPBSL-600 150X125X2	150	6”	125	5”	2	2/16779	7,82	2/16904	7,23	2/17029	7,23
CPBSL-600 300X125X2	300	12”	125	5”	2	2/16780	8,89	2/16905	8,23	2/17030	8,23
CPBSL-600 450X125X2	450	18”	125	5”	2	2/16781	10,49	2/16906	9,70	2/17031	9,70
CPBSL-600 600X125X2	600	24”	125	5”	2	2/16782	11,74	2/16907	10,86	2/17032	10,86
CPBSL-600 750X125X2	750	30”	125	5”	2	2/16783	16,95	2/16908	15,68	2/17033	15,68
CPBSL-600 900X125X2	900	36”	125	5”	2	2/16784	18,80	2/16909	17,39	2/17034	17,39
CPBSL-600 150X150X2	150	6”	150	6”	2	2/16785	8,76	2/16910	8,10	2/17035	8,10
CPBSL-600 300X150X2	300	12”	150	6”	2	2/16786	9,90	2/16911	9,16	2/17036	9,16
CPBSL-600 450X150X2	450	18”	150	6”	2	2/16787	11,57	2/16912	10,70	2/17037	10,70
CPBSL-600 600X150X2	600	24”	150	6”	2	2/16788	12,89	2/16913	11,92	2/17038	11,92
CPBSL-600 750X150X2	750	30”	150	6”	2	2/16789	18,42	2/16914	17,03	2/17039	17,03
CPBSL-600 900X150X2	900	36”	150	6”	2	2/16790	20,36	2/16915	18,83	2/17040	18,83

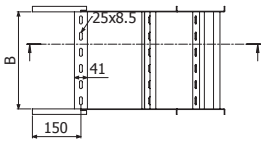
2 x JUBSL



CCBSL-300

	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CCBSL-300 100X50X1,5	100	4"	50	2"	1,5	2/15232	2,34	2/16666	2,10	2/15255	2,10
CCBSL-300 150X50X1,5	150	6"	50	2"	1,5	2/15233	2,51	2/16667	2,26	2/15256	2,26
CCBSL-300 300X50X1,5	300	12"	50	2"	1,5	2/15234	3,04	2/16668	2,73	2/15257	2,73
CCBSL-300 450X50X1,5	450	18"	50	2"	1,5	2/15235	3,56	2/16669	3,20	2/15258	3,20
CCBSL-300 600X50X1,5	600	24"	50	2"	1,5	2/15236	4,08	2/16670	3,68	2/15259	3,68
CCBSL-300 750X50X1,5	750	30"	50	2"	1,5	2/15237	4,61	2/16671	4,15	2/15260	4,15
CCBSL-300 900X50X1,5	900	36"	50	2"	1,5	2/15238	5,13	2/16672	4,62	2/15261	4,62
CCBSL-300 150X100X1,5	150	6"	100	4"	1,5	2/15239	3,62	2/16673	3,25	2/15262	3,25
CCBSL-300 300X100X1,5	300	12"	100	4"	1,5	2/15240	4,14	2/16674	3,73	2/15263	3,73
CCBSL-300 450X100X1,5	450	18"	100	4"	1,5	2/15241	4,66	2/16675	4,20	2/15264	4,20
CCBSL-300 600X100X1,5	600	24"	100	4"	1,5	2/15242	5,19	2/16676	4,67	2/15265	4,67
CCBSL-300 750X100X1,5	750	30"	100	4"	1,5	2/15243	5,71	2/16677	5,14	2/15266	5,14
CCBSL-300 900X100X1,5	900	36"	100	4"	1,5	2/15244	6,24	2/16678	5,61	2/15267	5,61
CCBSL-300 150X125X2	150	6"	125	5"	2	2/15245	5,39	2/16679	4,99	2/15268	4,99
CCBSL-300 300X125X2	300	12"	125	5"	2	2/15246	5,92	2/16680	5,47	2/15269	5,47
CCBSL-300 450X125X2	450	18"	125	5"	2	2/15247	6,44	2/16681	5,96	2/15270	5,96
CCBSL-300 600X125X2	600	24"	125	5"	2	2/15248	6,96	2/16682	6,44	2/15271	6,44
CCBSL-300 750X125X2	750	30"	125	5"	2	2/15249	8,22	2/16683	7,60	2/15272	7,60
CCBSL-300 900X125X2	900	36"	125	5"	2	2/15250	8,89	2/16684	8,22	2/15273	8,22
CCBSL-300 150X150X2	150	6"	150	6"	2	2/15251	6,21	2/16685	5,74	2/15274	5,74
CCBSL-300 300X150X2	300	12"	150	6"	2	2/6968	6,73	2/16686	6,23	2/15275	6,23
CCBSL-300 450X150X2	450	18"	150	6"	2	2/15252	7,26	2/16687	6,71	2/15276	6,71
CCBSL-300 600X150X2	600	24"	150	6"	2	2/6970	7,78	2/16688	7,20	2/15277	7,20
CCBSL-300 750X150X2	750	30"	150	6"	2	2/15253	9,03	2/16689	8,35	2/15278	8,35
CCBSL-300 900X150X2	900	36"	150	6"	2	2/15254	9,70	2/16690	8,97	2/15279	8,97

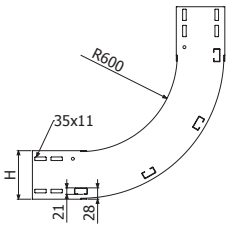


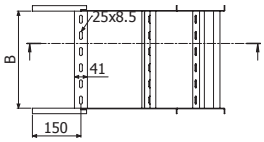


2 x JUBSL

CCBSL-600

	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CCBSL-600 100X50X1,5	100	4"	50	2"	1,5	2/16791	3,36	2/16916	3,02	2/17041	3,02
CCBSL-600 150X50X1,5	150	6"	50	2"	1,5	2/16792	3,53	2/16917	3,18	2/17042	3,18
CCBSL-600 300X50X1,5	300	12"	50	2"	1,5	2/16793	4,05	2/16918	3,65	2/17043	3,65
CCBSL-600 450X50X1,5	450	18"	50	2"	1,5	2/16794	4,58	2/16919	4,12	2/17044	4,12
CCBSL-600 600X50X1,5	600	24"	50	2"	1,5	2/16795	5,10	2/16920	4,59	2/17045	4,59
CCBSL-600 750X50X1,5	750	30"	50	2"	1,5	2/16796	5,63	2/16921	5,06	2/17046	5,06
CCBSL-600 900X50X1,5	900	36"	50	2"	1,5	2/16797	6,15	2/16922	5,53	2/17047	5,53
CCBSL-600 150X100X1,5	150	6"	100	4"	1,5	2/16798	5,20	2/16923	4,68	2/17048	4,68
CCBSL-600 300X100X1,5	300	12"	100	4"	1,5	2/16799	5,72	2/16924	5,15	2/17049	5,15
CCBSL-600 450X100X1,5	450	18"	100	4"	1,5	2/16800	6,25	2/16925	5,62	2/17050	5,62
CCBSL-600 600X100X1,5	600	24"	100	4"	1,5	2/16801	6,77	2/16926	6,09	2/17051	6,09
CCBSL-600 750X100X1,5	750	30"	100	4"	1,5	2/16802	7,30	2/16927	6,57	2/17052	6,57
CCBSL-600 900X100X1,5	900	36"	100	4"	1,5	2/16803	7,82	2/16928	7,04	2/17053	7,04
CCBSL-600 150X125X2	150	6"	125	5"	2	2/16804	7,88	2/16929	7,29	2/17054	7,29
CCBSL-600 300X125X2	300	12"	125	5"	2	2/16805	8,40	2/16930	7,77	2/17055	7,77
CCBSL-600 450X125X2	450	18"	125	5"	2	2/16806	8,93	2/16931	8,26	2/17056	8,26
CCBSL-600 600X125X2	600	24"	125	5"	2	2/16807	9,45	2/16932	8,74	2/17057	8,74
CCBSL-600 750X125X2	750	30"	125	5"	2	2/16808	10,71	2/16933	9,90	2/17058	9,90
CCBSL-600 900X125X2	900	36"	125	5"	2	2/16809	11,37	2/16934	10,52	2/17059	10,52
CCBSL-600 150X150X2	150	6"	150	6"	2	2/16810	9,07	2/16935	8,39	2/17060	8,39
CCBSL-600 300X150X2	300	12"	150	6"	2	2/16811	9,60	2/16936	8,88	2/17061	8,88
CCBSL-600 450X150X2	450	18"	150	6"	2	2/16812	10,12	2/16937	9,36	2/17062	9,36
CCBSL-600 600X150X2	600	24"	150	6"	2	2/16813	10,64	2/16938	9,85	2/17063	9,85
CCBSL-600 750X150X2	750	30"	150	6"	2	2/16814	11,90	2/16939	11,00	2/17064	11,00
CCBSL-600 900X150X2	900	36"	150	6"	2	2/16815	12,57	2/16940	11,62	2/17065	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 100X50X1,5	100	4”	50	2”	1,5	2/15280	2,34	2/16691	2,10	2/15303	2,10
CXBSL-300 150X50X1,5	150	6”	50	2”	1,5	2/15281	2,51	2/16692	2,26	2/15304	2,26
CXBSL-300 300X50X1,5	300	12”	50	2”	1,5	2/15282	3,04	2/16693	2,73	2/15305	2,73
CXBSL-300 450X50X1,5	450	18”	50	2”	1,5	2/15283	3,56	2/16694	3,20	2/15306	3,20
CXBSL-300 600X50X1,5	600	24”	50	2”	1,5	2/15284	4,08	2/16695	3,68	2/15307	3,68
CXBSL-300 750X50X1,5	750	30”	50	2”	1,5	2/15285	4,61	2/16696	4,15	2/15308	4,15
CXBSL-300 900X50X1,5	900	36”	50	2”	1,5	2/15286	5,13	2/16697	4,62	2/15309	4,62
CXBSL-300 150X100X1,5	150	6”	100	4”	1,5	2/15287	3,62	2/16698	3,25	2/15310	3,25
CXBSL-300 300X100X1,5	300	12”	100	4”	1,5	2/15288	4,14	2/16699	3,73	2/15311	3,73
CXBSL-300 450X100X1,5	450	18”	100	4”	1,5	2/15289	4,66	2/16700	4,20	2/15312	4,20
CXBSL-300 600X100X1,5	600	24”	100	4”	1,5	2/15290	5,19	2/16701	4,67	2/15313	4,67
CXBSL-300 750X100X1,5	750	30”	100	4”	1,5	2/15291	5,71	2/16702	5,14	2/15314	5,14
CXBSL-300 900X100X1,5	900	36”	100	4”	1,5	2/15292	6,24	2/16703	5,61	2/15315	5,61
CXBSL-300 150X125X2	150	6”	125	5”	2	2/15293	5,39	2/16704	4,99	2/15316	4,99
CXBSL-300 300X125X2	300	12”	125	5”	2	2/15294	5,92	2/16705	5,47	2/15317	5,47
CXBSL-300 450X125X2	450	18”	125	5”	2	2/15295	6,44	2/16706	5,96	2/15318	5,96
CXBSL-300 600X125X2	600	24”	125	5”	2	2/15296	6,96	2/16707	6,44	2/15319	6,44
CXBSL-300 750X125X2	750	30”	125	5”	2	2/15297	8,22	2/16708	7,60	2/15320	7,60
CXBSL-300 900X125X2	900	36”	125	5”	2	2/15298	8,89	2/16709	8,22	2/15321	8,22
CXBSL-300 150X150X2	150	6”	150	6”	2	2/15299	6,21	2/16710	5,74	2/15322	5,74
CXBSL-300 300X150X2	300	12”	150	6”	2	2/6974	6,73	2/16711	6,23	2/15323	6,23
CXBSL-300 450X150X2	450	18”	150	6”	2	2/15300	7,26	2/16712	6,71	2/15324	6,71
CXBSL-300 600X150X2	600	24”	150	6”	2	2/6976	7,78	2/16713	7,20	2/15325	7,20
CXBSL-300 750X150X2	750	30”	150	6”	2	2/15301	9,03	2/16714	8,35	2/15326	8,35
CXBSL-300 900X150X2	900	36”	150	6”	2	2/15302	9,70	2/16715	8,97	2/15327	8,97

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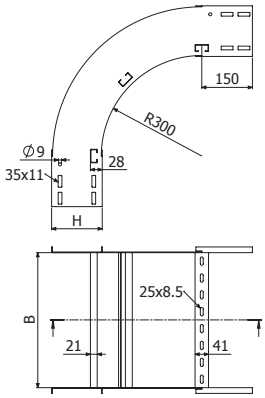

CXBSL-600

	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CXBSL-600 100X50X1,5	100	4”	50	2”	1,5	2/16816	3,36	2/16941	3,02	2/17066	3,02
CXBSL-600 150X50X1,5	150	6”	50	2”	1,5	2/16817	3,53	2/16942	3,18	2/17067	3,18
CXBSL-600 300X50X1,5	300	12”	50	2”	1,5	2/16818	4,05	2/16943	3,65	2/17068	3,65
CXBSL-600 450X50X1,5	450	18”	50	2”	1,5	2/16819	4,58	2/16944	4,12	2/17069	4,12
CXBSL-600 600X50X1,5	600	24”	50	2”	1,5	2/16820	5,10	2/16945	4,59	2/17070	4,59
CXBSL-600 750X50X1,5	750	30”	50	2”	1,5	2/16821	5,63	2/16946	5,06	2/17071	5,06
CXBSL-600 900X50X1,5	900	36”	50	2”	1,5	2/16822	6,15	2/16947	5,53	2/17072	5,53
CXBSL-600 150X100X1,5	150	6”	100	4”	1,5	2/16823	5,20	2/16948	4,68	2/17073	4,68
CXBSL-600 300X100X1,5	300	12”	100	4”	1,5	2/16824	5,72	2/16949	5,15	2/17074	5,15
CXBSL-600 450X100X1,5	450	18”	100	4”	1,5	2/16825	6,25	2/16950	5,62	2/17075	5,62
CXBSL-600 600X100X1,5	600	24”	100	4”	1,5	2/16826	6,77	2/16951	6,09	2/17076	6,09
CXBSL-600 750X100X1,5	750	30”	100	4”	1,5	2/16827	7,30	2/16952	6,57	2/17077	6,57
CXBSL-600 900X100X1,5	900	36”	100	4”	1,5	2/16828	7,82	2/16953	7,04	2/17078	7,04
CXBSL-600 150X125X2	150	6”	125	5”	2	2/16829	7,88	2/16954	7,29	2/17079	7,29
CXBSL-600 300X125X2	300	12”	125	5”	2	2/16830	8,40	2/16955	7,77	2/17080	7,77
CXBSL-600 450X125X2	450	18”	125	5”	2	2/16831	8,93	2/16956	8,26	2/17081	8,26
CXBSL-600 600X125X2	600	24”	125	5”	2	2/16832	9,45	2/16957	8,74	2/17082	8,74
CXBSL-600 750X125X2	750	30”	125	5”	2	2/16833	10,71	2/16958	9,90	2/17083	9,90
CXBSL-600 900X125X2	900	36”	125	5”	2	2/16834	11,37	2/16959	10,52	2/17084	10,52
CXBSL-600 150X150X2	150	6”	150	6”	2	2/16835	9,07	2/16960	8,39	2/17085	8,39
CXBSL-600 300X150X2	300	12”	150	6”	2	2/16836	9,60	2/16961	8,88	2/17086	8,88
CXBSL-600 450X150X2	450	18”	150	6”	2	2/16837	10,12	2/16962	9,36	2/17087	9,36
CXBSL-600 600X150X2	600	24”	150	6”	2	2/16838	10,64	2/16963	9,85	2/17088	9,85
CXBSL-600 750X150X2	750	30”	150	6”	2	2/16839	11,90	2/16964	11,00	2/17089	11,00
CXBSL-600 900X150X2	900	36”	150	6”	2	2/16840	12,57	2/16965	11,62	2/17090	11,62

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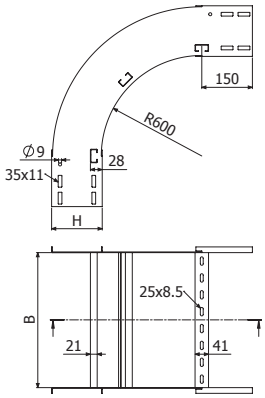

TEBSL-300

	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TEBSL-300 100X50X1,5	100	4”	50	2”	1,5	2/15328	5,70	2/16716	5,13	2/15351	5,13
TEBSL-300 150X50X1,5	150	6”	50	2”	1,5	2/15329	6,20	2/16717	5,58	2/15352	5,58
TEBSL-300 300X50X1,5	300	12”	50	2”	1,5	2/15330	7,82	2/16718	7,04	2/15353	7,04
TEBSL-300 450X50X1,5	450	18”	50	2”	1,5	2/15331	9,61	2/16719	8,65	2/15354	8,65
TEBSL-300 600X50X1,5	600	24”	50	2”	1,5	2/15332	11,58	2/16720	10,42	2/15355	10,42
TEBSL-300 750X50X1,5	750	30”	50	2”	1,5	2/15333	13,72	2/16721	12,35	2/15356	12,35
TEBSL-300 900X50X1,5	900	36”	50	2”	1,5	2/15334	16,04	2/16722	14,43	2/15357	14,43
TEBSL-300 150X100X1,5	150	6”	100	4”	1,5	2/15335	7,85	2/16723	7,06	2/15358	7,06
TEBSL-300 300X100X1,5	300	12”	100	4”	1,5	2/15336	9,55	2/16724	8,60	2/15359	8,60
TEBSL-300 450X100X1,5	450	18”	100	4”	1,5	2/15337	11,44	2/16725	10,29	2/15360	10,29
TEBSL-300 600X100X1,5	600	24”	100	4”	1,5	2/15338	13,50	2/16726	12,15	2/15361	12,15
TEBSL-300 750X100X1,5	750	30”	100	4”	1,5	2/15339	15,73	2/16727	14,15	2/15362	14,15
TEBSL-300 900X100X1,5	900	36”	100	4”	1,5	2/15340	18,13	2/16728	16,32	2/15363	16,32
TEBSL-300 150X125X2	150	6”	125	5”	2	2/15341	9,73	2/16729	9,00	2/15364	9,00
TEBSL-300 300X125X2	300	12”	125	5”	2	2/15342	11,48	2/16730	10,62	2/15365	10,62
TEBSL-300 450X125X2	450	18”	125	5”	2	2/15343	13,40	2/16731	12,40	2/15366	12,40
TEBSL-300 600X125X2	600	24”	125	5”	2	2/15344	15,50	2/16732	14,33	2/15367	14,33
TEBSL-300 750X125X2	750	30”	125	5”	2	2/15345	21,61	2/16733	19,99	2/15368	19,99
TEBSL-300 900X125X2	900	36”	125	5”	2	2/15346	24,75	2/16734	22,90	2/15369	22,90
TEBSL-300 150X150X2	150	6”	150	6”	2	2/15347	10,71	2/16735	9,91	2/15370	9,91
TEBSL-300 300X150X2	300	12”	150	6”	2	2/6980	12,50	2/16736	11,57	2/15371	11,57
TEBSL-300 450X150X2	450	18”	150	6”	2	2/15348	14,47	2/16737	13,38	2/15372	13,38
TEBSL-300 600X150X2	600	24”	150	6”	2	2/6982	16,61	2/16738	15,36	2/15373	15,36
TEBSL-300 750X150X2	750	30”	150	6”	2	2/15349	22,95	2/16739	21,23	2/15374	21,23
TEBSL-300 900X150X2	900	36”	150	6”	2	2/15350	26,15	2/16740	24,19	2/15375	24,19

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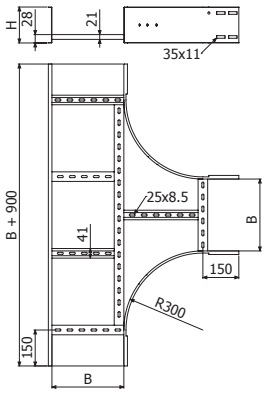

TEBSL-600

	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TEBSL-600 100X50X1,5	100	4”	50	2”	1,5	2/16841	8,91	2/16966	8,02	2/17091	8,02
TEBSL-600 150X50X1,5	150	6”	50	2”	1,5	2/16842	9,53	2/16967	8,57	2/17092	8,57
TEBSL-600 300X50X1,5	300	12”	50	2”	1,5	2/16843	11,49	2/16968	10,34	2/17093	10,34
TEBSL-600 450X50X1,5	450	18”	50	2”	1,5	2/16844	13,63	2/16969	12,27	2/17094	12,27
TEBSL-600 600X50X1,5	600	24”	50	2”	1,5	2/16845	15,95	2/16970	14,36	2/17095	14,36
TEBSL-600 750X50X1,5	750	30”	50	2”	1,5	2/16846	18,44	2/16971	16,60	2/17096	16,60
TEBSL-600 900X50X1,5	900	36”	50	2”	1,5	2/16847	21,11	2/16972	19,00	2/17097	19,00
TEBSL-600 150X100X1,5	150	6”	100	4”	1,5	2/16848	12,10	2/16973	10,89	2/17098	10,89
TEBSL-600 300X100X1,5	300	12”	100	4”	1,5	2/16849	14,15	2/16974	12,74	2/17099	12,74
TEBSL-600 450X100X1,5	450	18”	100	4”	1,5	2/16850	16,39	2/16975	14,75	2/17100	14,75
TEBSL-600 600X100X1,5	600	24”	100	4”	1,5	2/16851	18,79	2/16976	16,91	2/17101	16,91
TEBSL-600 750X100X1,5	750	30”	100	4”	1,5	2/16852	21,37	2/16977	19,24	2/17102	19,24
TEBSL-600 900X100X1,5	900	36”	100	4”	1,5	2/16853	24,13	2/16978	21,72	2/17103	21,72
TEBSL-600 150X125X2	150	6”	125	5”	2	2/16854	15,10	2/16979	13,97	2/17104	13,97
TEBSL-600 300X125X2	300	12”	125	5”	2	2/16855	17,20	2/16980	15,91	2/17105	15,91
TEBSL-600 450X125X2	450	18”	125	5”	2	2/16856	19,47	2/16981	18,01	2/17106	18,01
TEBSL-600 600X125X2	600	24”	125	5”	2	2/16857	21,91	2/16982	20,27	2/17107	20,27
TEBSL-600 750X125X2	750	30”	125	5”	2	2/16858	29,52	2/16983	27,31	2/17108	27,31
TEBSL-600 900X125X2	900	36”	125	5”	2	2/16859	33,11	2/16984	30,63	2/17109	30,63
TEBSL-600 150X150X2	150	6”	150	6”	2	2/16860	16,64	2/16985	15,39	2/17110	15,39
TEBSL-600 300X150X2	300	12”	150	6”	2	2/16861	18,78	2/16986	17,37	2/17111	17,37
TEBSL-600 450X150X2	450	18”	150	6”	2	2/16862	21,09	2/16987	19,51	2/17112	19,51
TEBSL-600 600X150X2	600	24”	150	6”	2	2/16863	23,58	2/16988	21,81	2/17113	21,81
TEBSL-600 750X150X2	750	30”	150	6”	2	2/16864	31,48	2/16989	29,12	2/17114	29,12
TEBSL-600 900X150X2	900	36”	150	6”	2	2/16865	35,13	2/16990	32,49	2/17115	32,49

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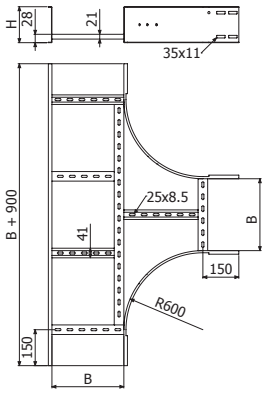

CRBSL-300

	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CRBSL-300 100X50X1,5	100	4”	50	2”	1,5	2/15376	7,39	2/16741	6,65	2/15399	6,65
CRBSL-300 150X50X1,5	150	6”	50	2”	1,5	2/15377	7,93	2/16742	7,14	2/15400	7,14
CRBSL-300 300X50X1,5	300	12”	50	2”	1,5	2/15378	9,67	2/16743	8,71	2/15401	8,71
CRBSL-300 450X50X1,5	450	18”	50	2”	1,5	2/15379	11,60	2/16744	10,44	2/15402	10,44
CRBSL-300 600X50X1,5	600	24”	50	2”	1,5	2/15380	13,69	2/16745	12,32	2/15403	12,32
CRBSL-300 750X50X1,5	750	30”	50	2”	1,5	2/15381	15,96	2/16746	14,36	2/15404	14,36
CRBSL-300 900X50X1,5	900	36”	50	2”	1,5	2/15382	18,40	2/16747	16,56	2/15405	16,56
CRBSL-300 150X100X1,5	150	6”	100	4”	1,5	2/15383	9,78	2/16748	8,80	2/15406	8,80
CRBSL-300 300X100X1,5	300	12”	100	4”	1,5	2/15384	11,53	2/16749	10,37	2/15407	10,37
CRBSL-300 450X100X1,5	450	18”	100	4”	1,5	2/15385	13,45	2/16750	12,10	2/15408	12,10
CRBSL-300 600X100X1,5	600	24”	100	4”	1,5	2/15386	15,54	2/16751	13,99	2/15409	13,99
CRBSL-300 750X100X1,5	750	30”	100	4”	1,5	2/15387	17,81	2/16752	16,03	2/15410	16,03
CRBSL-300 900X100X1,5	900	36”	100	4”	1,5	2/15388	20,26	2/16753	18,23	2/15411	18,23
CRBSL-300 150X125X2	150	6”	125	5”	2	2/15389	12,95	2/16754	11,98	2/15412	11,98
CRBSL-300 300X125X2	300	12”	125	5”	2	2/15390	14,70	2/16755	13,60	2/15413	13,60
CRBSL-300 450X125X2	450	18”	125	5”	2	2/15391	16,62	2/16756	15,37	2/15414	15,37
CRBSL-300 600X125X2	600	24”	125	5”	2	2/15392	18,71	2/16757	17,31	2/15415	17,31
CRBSL-300 750X125X2	750	30”	125	5”	2	2/15393	24,16	2/16758	22,35	2/15416	22,35
CRBSL-300 900X125X2	900	36”	125	5”	2	2/15394	27,28	2/16759	25,24	2/15417	25,24
CRBSL-300 150X150X2	150	6”	150	6”	2	2/15395	14,19	2/16760	13,12	2/15418	13,12
CRBSL-300 300X150X2	300	12”	150	6”	2	2/6986	15,93	2/16761	14,74	2/15419	14,74
CRBSL-300 450X150X2	450	18”	150	6”	2	2/15396	17,85	2/16762	16,51	2/15420	16,51
CRBSL-300 600X150X2	600	24”	150	6”	2	2/6988	19,95	2/16763	18,45	2/15421	18,45
CRBSL-300 750X150X2	750	30”	150	6”	2	2/15397	25,39	2/16764	23,49	2/15422	23,49
CRBSL-300 900X150X2	900	36”	150	6”	2	2/15398	28,52	2/16765	26,38	2/15423	26,38

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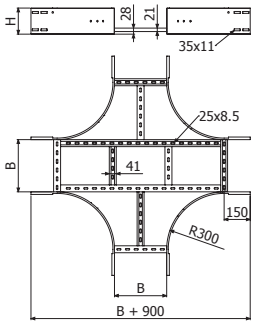
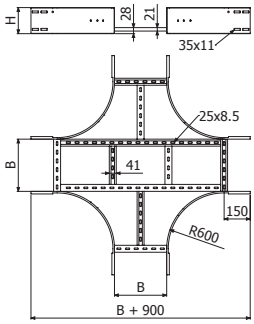


CRBSL-600

	B		H		e	GC		i304		i316	
	mm	inch	mm	inch	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
CRBSL-600 100X50X1,5	100	4”	50	2”	1,5	2/16866	11,80	2/16991	10,62	2/17116	10,62
CRBSL-600 150X50X1,5	150	6”	50	2”	1,5	2/16867	12,46	2/16992	11,21	2/17117	11,21
CRBSL-600 300X50X1,5	300	12”	50	2”	1,5	2/16868	14,55	2/16993	13,10	2/17118	13,10
CRBSL-600 450X50X1,5	450	18”	50	2”	1,5	2/16869	16,82	2/16994	15,14	2/17119	15,14
CRBSL-600 600X50X1,5	600	24”	50	2”	1,5	2/16870	19,27	2/16995	17,34	2/17120	17,34
CRBSL-600 750X50X1,5	750	30”	50	2”	1,5	2/16871	21,89	2/16996	19,70	2/17121	19,70
CRBSL-600 900X50X1,5	900	36”	50	2”	1,5	2/16872	24,68	2/16997	22,21	2/17122	22,21
CRBSL-600 150X100X1,5	150	6”	100	4”	1,5	2/16873	15,44	2/16998	13,90	2/17123	13,90
CRBSL-600 300X100X1,5	300	12”	100	4”	1,5	2/16874	17,53	2/16999	15,78	2/17124	15,78
CRBSL-600 450X100X1,5	450	18”	100	4”	1,5	2/16875	19,80	2/17000	17,82	2/17125	17,82
CRBSL-600 600X100X1,5	600	24”	100	4”	1,5	2/16876	22,25	2/17001	20,02	2/17126	20,02
CRBSL-600 750X100X1,5	750	30”	100	4”	1,5	2/16877	24,87	2/17002	22,38	2/17127	22,38
CRBSL-600 900X100X1,5	900	36”	100	4”	1,5	2/16878	27,66	2/17003	24,90	2/17128	24,90
CRBSL-600 150X125X2	150	6”	125	5”	2	2/16879	20,55	2/17004	19,01	2/17129	19,01
CRBSL-600 300X125X2	300	12”	125	5”	2	2/16880	22,64	2/17005	20,95	2/17130	20,95
CRBSL-600 450X125X2	450	18”	125	5”	2	2/16881	24,91	2/17006	23,04	2/17131	23,04
CRBSL-600 600X125X2	600	24”	125	5”	2	2/16882	27,36	2/17007	25,31	2/17132	25,31
CRBSL-600 750X125X2	750	30”	125	5”	2	2/16883	34,03	2/17008	31,47	2/17133	31,47
CRBSL-600 900X125X2	900	36”	125	5”	2	2/16884	37,60	2/17009	34,78	2/17134	34,78
CRBSL-600 150X150X2	150	6”	150	6”	2	2/16885	22,54	2/17010	20,85	2/17135	20,85
CRBSL-600 300X150X2	300	12”	150	6”	2	2/16886	24,63	2/17011	22,78	2/17136	22,78
CRBSL-600 450X150X2	450	18”	150	6”	2	2/16887	26,90	2/17012	24,88	2/17137	24,88
CRBSL-600 600X150X2	600	24”	150	6”	2	2/16888	29,35	2/17013	27,14	2/17138	27,14
CRBSL-600 750X150X2	750	30”	150	6”	2	2/16889	36,01	2/17014	33,31	2/17139	33,31
CRBSL-600 900X150X2	900	36”	150	6”	2	2/16890	39,59	2/17015	36,62	2/17140	36,62

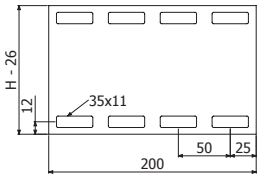
2 x JUBSL



JUBSL

	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBSL 50	2/15424	0,14	2/10292	0,13	2/15433	0,13
JUBSL 100	2/15425	0,24	2/15065	0,22	2/15434	0,22
JUBSL 125	2/15426	0,32	2/15476	0,30	2/15435	0,30
JUBSL 150	2/6445	0,40	2/15539	0,37	2/15436	0,37

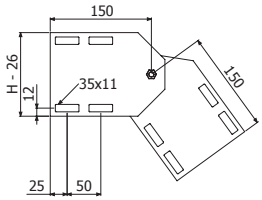
H50 - 4/100 x B3 (2/8827 - GC)
H100/125/150 - 8/100 x B3 (2/8827 - GC)



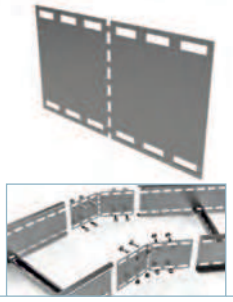
JUBSL-A

	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBSL-A 50	2/15427	0,25	2/10293	0,23	2/15437	0,23
JUBSL-A 100	2/15428	0,42	2/15540	0,39	2/15438	0,39
JUBSL-A 125	2/15429	0,56	2/15541	0,52	2/15439	0,52
JUBSL-A 150	2/6447	0,70	2/15542	0,65	2/15440	0,65

H50 - 4/100 x B3 (2/8827 - GC)
H100/125/150 - 8/100 x B3 (2/8827 - GC)

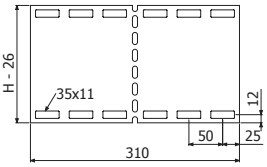


JUBSL-B



	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
JUBSL-B 50	2/15430	0,22	2/10294	0,21	2/15441	0,21
JUBSL-B 100	2/15431	0,37	2/15543	0,34	2/15442	0,34
JUBSL-B 125	2/15432	0,50	2/15550	0,46	2/15443	0,46
JUBSL-B 150	2/6449	0,62	2/15551	0,57	2/15444	0,57

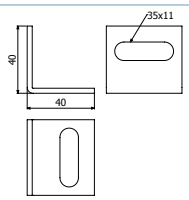
H50 - 4/100 x B3 (2/8827 - GC)
H100/125/150 - 8/100 x B3 (2/8827 - GC)



BBSL

	GC		i316	
	REF.	kg/ud	REF.	kg/ud
BBSL 10	2/0855	0,08	2/11311	0,08

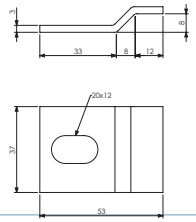
SP/SPD --> DIN933 M10X30 (0/0320 - i304) + TM41 M10 (0/1071 - GC)



BBSLR

	GC		i304
	REF.	kg/udd	
BBSLR 12	2/10267	0,04	

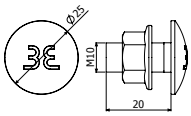
SP/SPD --> DIN933 M10X30 (0/0320 - i304) + TM41 M10 (0/1071 - GC)

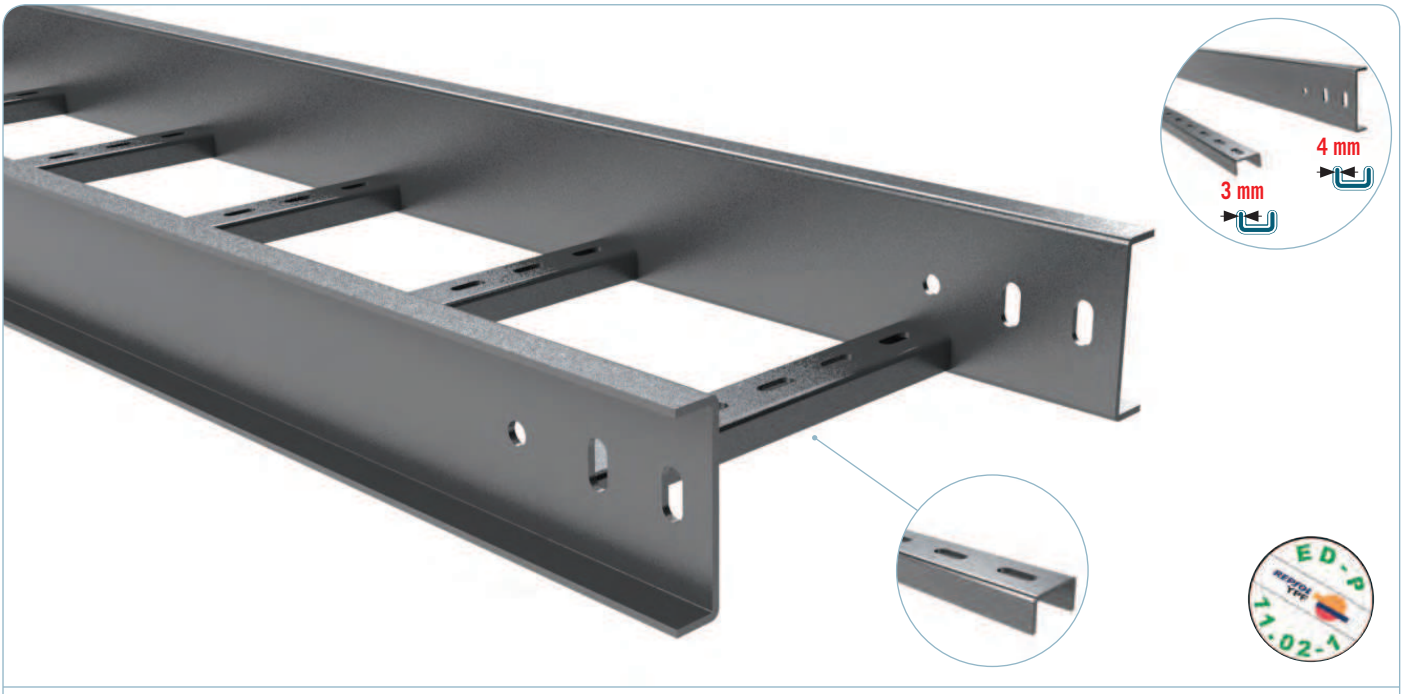


B3

	GC		i304		i316	
	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
B3-50	2/8827	1,95	2/12096	1,80	2/15575	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


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

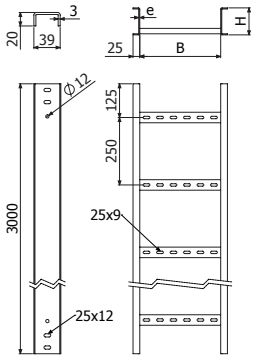
RP

L = 3 m (10 ft)

	B		H		e	d=3m	GC80	
	mm	inch	mm	inch	mm	CTA (kg/m)	REF.	kg/m
RP 100x70x4-250 3M	100	4''	70	2 3/4"	4	218	2/5648	7,42
RP 200x70x4-250 3M	200	8''	70	2 3/4"	4	218	2/5114	8,12
RP 300x100x4-250 3M	300	12''	100	4"	4	372	2/3595	10,77
RP 400x100x4-250 3M	400	16''	100	4"	4	372	2/3596	11,45
RP 600x100x4-250 3M	600	24''	100	4"	4	372	2/3597	12,85
RP 600x120x4-250 3M	600	24''	120	4 5/7"	4	492	2/3598	14,15

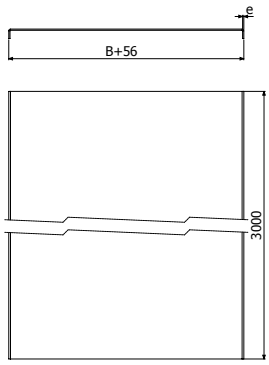
2 x JURP

CTA



TRP

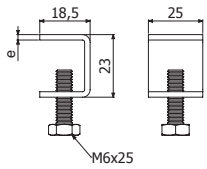
	B		e	GC80	
	mm	inch	mm	REF.	kg/m
TRP 100x2 3M	100	4"	2	2/3268	3
TRP 200x2 3M	200	8"	2	2/3269	4,65
TRP 300x2 3M	300	12"	2	2/3270	6,3
TRP 400x2 3M	400	16"	2	2/5852	7,95
TRP 600x2 3M	600	24"	2	2/5853	11,24



PTFE

	Pap	e	i304	
	Nm	mm	REF.	kg/ud
PTFE	6	2	2/7054	0,02

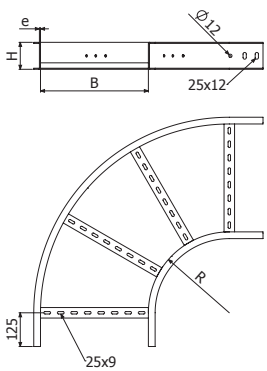
4 x PTFE --> 1 x TFE



CPRP-300

	B		H		e	R	GC80	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
CPRP-300 100x70x4	100	4''	70	2 3/4"	4	300	2/5650	10,06
CPRP-300 200x70x4	200	8''	70	2 3/4"	4	300	2/5649	10,06
CPRP-300 300x100x4	300	12''	100	4"	4	300	2/3544	10,06
CPRP-300 400x100x4	400	16''	100	4"	4	300	2/3545	11,72
CPRP-300 600x100x4	600	24''	100	4"	4	300	2/5496	11,72
CPRP-300 600x120x4	600	24''	120	4 5/7"	4	300	2/3546	15,52

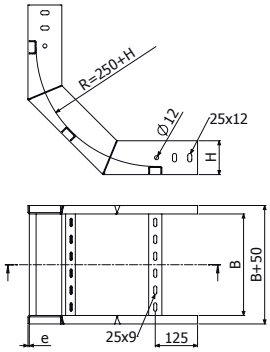
2 x JURP



CCRP-300

	B		H		e	GC80	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCRP-300 100x70x4	100	4"	70	2 3/4"	4	2/5836	5,86
CCRP-300 200x70x4	200	8"	70	2 3/4"	4	2/5837	6,36
CCRP-300 300x100x4	300	12"	100	4"	4	2/5838	8,55
CCRP-300 400x100x4	400	16"	100	4"	4	2/5608	9,04
CCRP-300 600x100x4	600	24"	100	4"	4	2/5498	10,02
CCRP-300 600x120x4	600	24"	120	4 5/7"	4	2/5163	11,29

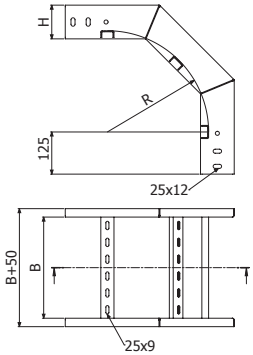
2 x JURP



CXRP-300

	B		H		e	R	GC80	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
CXRP-300 100x70x4	100	4"	70	2 3/4"	4	300	2/5840	5,86
CXRP-300 200x70x4	200	8"	70	2 3/4"	4	300	2/5841	6,36
CXRP-300 300x100x4	300	12"	100	4"	4	300	2/5116	8,55
CXRP-300 400x100x4	400	16"	100	4"	4	300	2/5611	9,04
CXRP-300 600x100x4	600	24"	100	4"	4	300	2/5497	10,02
CXRP-300 600x120x4	600	24"	120	4 5/7"	4	300	2/5047	11,29

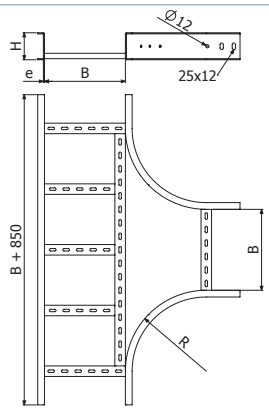
2 x JURP



TERP-300

	B		H		e	R	GC80	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
TERP-300 100x70x4	100	4"	70	2 3/4"	4	300	2/5653	10,11
TERP-300 200x70x4	200	8"	70	2 3/4"	4	300	2/5652	11,77
TERP-300 300x100x4	300	12"	100	4"	4	300	2/5651	15,80
TERP-300 400x100x4	400	16"	100	4"	4	300	2/5598	17,40
TERP-300 600x100x4	600	24"	100	4"	4	300	-	20,61
TERP-300 600x120x4	600	24"	120	4 5/7"	4	300	2/3599	22,47

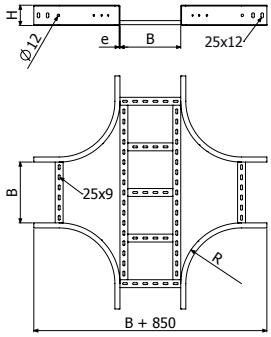
2 x JURP



CRRP-300

	B		H		e	R	GC80	
	mm	inch	mm	inch	mm	mm	REF.	kg/ud
CRRP-300 100x70x4	100	4"	70	2 3/4"	4	300	2/5842	12,41
CRRP-300 200x70x4	200	8"	70	2 3/4"	4	300	2/5655	14,25
CRRP-300 300x100x4	300	12"	100	4"	4	300	2/5654	18,36
CRRP-300 400x100x4	400	16"	100	4"	4	300	2/5599	20,20
CRRP-300 600x100x4	600	24"	100	4"	4	300	-	23,14
CRRP-300 600x120x4	600	24"	120	4 5/7"	4	300	2/3600	25,01

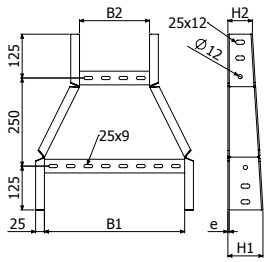
2 x JURP



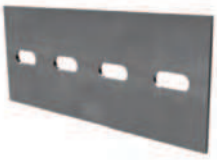
RCRP

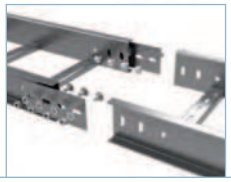
	B1		H1		B2		H2		e	GC80	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
RCRP 200x70x4/100x70x4	200	8"	70	2 3/4"	100	4"	70	2 3/4"	4	2/5843	4,01
RCRP 400x100x4/200x70x4	400	16"	100	4"	200	8"	70	2 3/4"	4	2/5115	5,13
RCRP 600x120x4/400x100x4	600	24"	120	4 5/7"	400	16"	100	4"	4	2/3601	6,64

2 x JURP



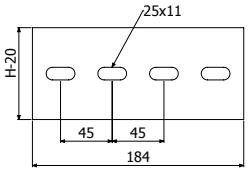
JURP





	H		e	GC80	
	mm	inch	mm	REF.	kg/ud
JURP 70	70	2 3/4"	3	2/5113	0,21
JURP 100/120	100	4"	3	2/3607	0,35

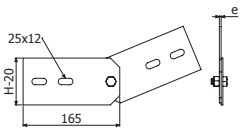
4/100 x CT3 (2/7133-i304)



JURP-A

	H		e	GC80	
	mm	inch	mm	REF.	kg/ud
JURP-A 70	70	2 3/4"	3	2/12100	0,36
JURP-A 100/120	100	4"	3	2/5523	0,60

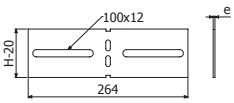
4/100 x CT3 (2/7133-i304)



JURP-B

	H		e	GC80	
	mm	inch	mm	REF.	kg/ud
JURP-B 70	70	2 3/4"	3	2/5854	0,26
JURP-B 100/120	100	4"	3	2/5855	0,45

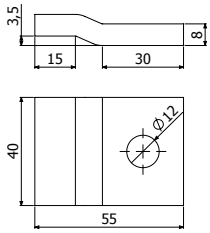
4/100 x CT3 (2/7133-i304)



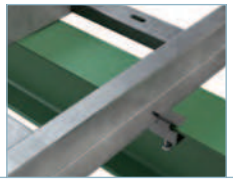
BRP

	GC80	
	REF.	kg/ud
BRP	2/5624	0,09

SP/SPD --> DIN933 M10X30 (0/0320 - i304) + TM41 M10 (0/1071 - GC)

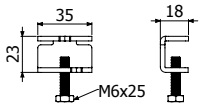


BEV



	H		i304	
	inch	mm	REF.	kg/ud
BEV	6	150	2/14473	0,05

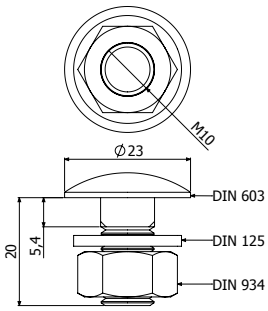
10

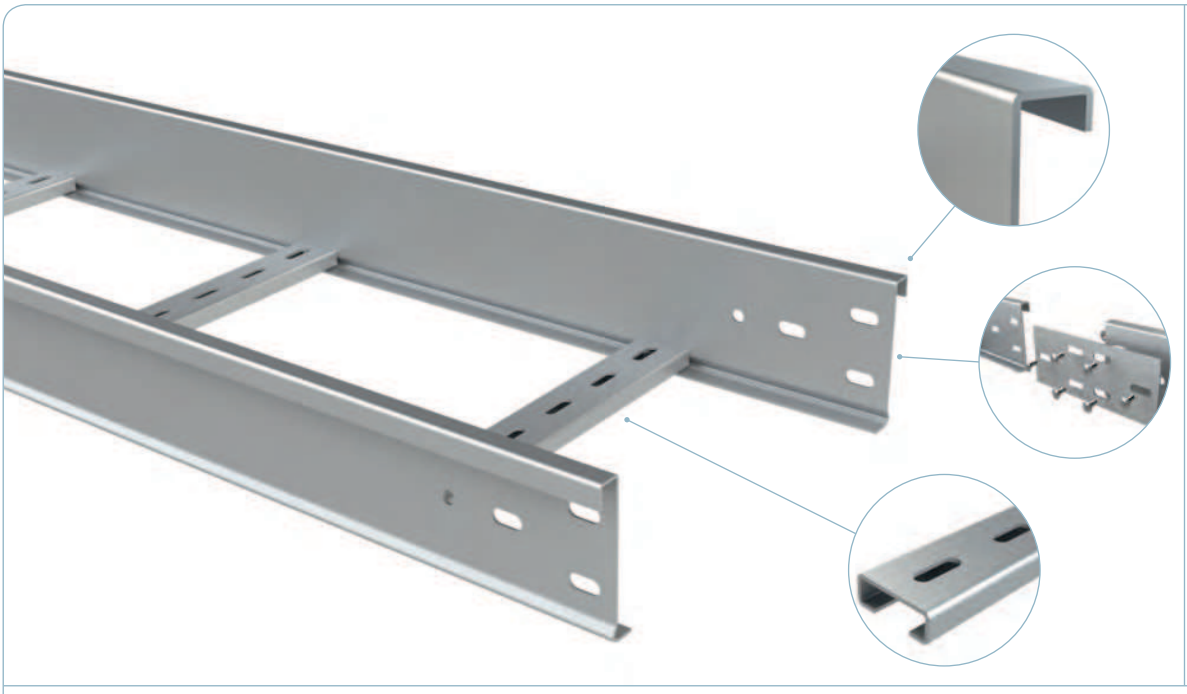


CT3

	Pap	i304	
	Nm	REF.	kg/ud
CT3-100 M10X20	35	2/7133	0,05

17





CERTIFIED
SAFETY US
E358301

L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

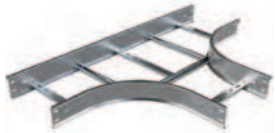
20J
UNE-EN 61537

AL x3 GS GC T304


CPF-300


CCF-300


CXF-300


TEF-300


CRF-300


JUF


B1

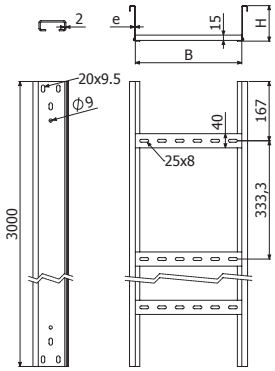
		Filling Area	
B		H100 (4")	
mm	inch	cm²	in²
100	4"	**83**	12,9
150	6"	**125**	19,4
200	8"	**166**	25,7
300	12"	**249**	38,6
400	16"	**332**	51,5
500	20"	**415**	64,3
600	24"	**498**	77,2

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	2/4523	1,63
F 150x100x2-333 3M	150	6"	100	4"	2	2/4524	1,69
F 200x100x2-333 3M	200	8"	100	4"	2	2/5960	1,75
F 300x100x2-333 3M	300	12"	100	4"	2	2/4525	1,87
F 400x100x2-333 3M	400	16"	100	4"	2	2/14938	1,99
F 500x100x2-333 3M	500	20"	100	4"	2	2/14939	2,11
F 600x100x2-333 3M	600	24"	100	4"	2	2/14940	2,23

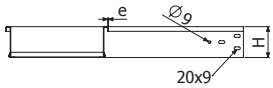
2 x JUF 100 (2/4322 - AL)

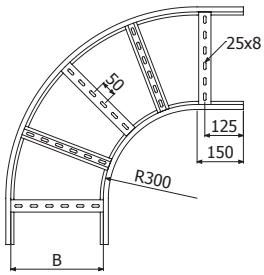


CPF-300

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPF-300 100x100x2	100	4"	100	4"	2	2/6254	1,47
CPF-300 150x100x2	150	6"	100	4"	2	2/4530	1,59
CPF-300 200x100x2	200	8"	100	4"	2	2/6344	1,72
CPF-300 300x100x2	300	12"	100	4"	2	2/4531	1,97
CPF-300 400x100x2	400	16"	100	4"	2	2/17151	2,22
CPF-300 500x100x2	500	20"	100	4"	2	2/17152	2,47
CPF-300 600x100x2	600	24"	100	4"	2	2/17153	2,72

2 x JUF 100 (2/4322 - AL)

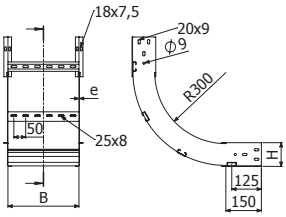




CCF-300

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCF-300 100x100x2	100	4"	100	4"	2	2/4535	1,25
CCF-300 150x100x2	150	6"	100	4"	2	2/4536	1,32
CCF-300 200x100x2	200	8"	100	4"	2	2/6207	1,38
CCF-300 300x100x2	300	12"	100	4"	2	2/4537	1,50
CCF-300 400x100x2	400	16"	100	4"	2	2/17154	1,62
CCF-300 500x100x2	500	20"	100	4"	2	2/17155	1,74
CCF-300 600x100x2	600	24"	100	4"	2	2/17156	1,86

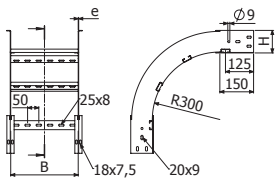
2 x JUF 100 (2/4322 - AL)



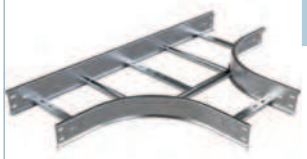
CXF-300

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CXF-300 100x100x2	100	4"	100	4"	2	2/4541	1,25
CXF-300 150x100x2	150	6"	100	4"	2	2/4542	1,32
CXF-300 200x100x2	200	8"	100	4"	2	2/4709	1,38
CXF-300 300x100x2	300	12"	100	4"	2	2/4543	1,50
CXF-300 400x100x2	400	16"	100	4"	2	2/17157	1,62
CXF-300 500x100x2	500	20"	100	4"	2	2/17158	1,74
CXF-300 600x100x2	600	24"	100	4"	2	2/17159	1,86

2 x JUF 100 (2/4322 - AL)

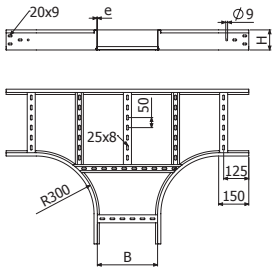


TEF-300



	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
TEF-300 100x100x2	100	4"	100	4"	2	2/6024	1,37	2/6024	1,37
TEF-300 150x100x2	150	6"	100	4"	2	2/17160	1,49	2/17160	1,49
TEF-300 200x100x2	200	8"	100	4"	2	2/17161	1,62	2/17161	1,62
TEF-300 300x100x2	300	12"	100	4"	2	2/17162	1,86	2/17162	1,86
TEF-300 400x100x2	400	16"	100	4"	2	2/17163	2,10	2/17163	2,10
TEF-300 500x100x2	500	20"	100	4"	2	2/17164	2,34	2/17164	2,34
TEF-300 600x100x2	600	24"	100	4"	2	2/17165	2,58	2/17165	2,58

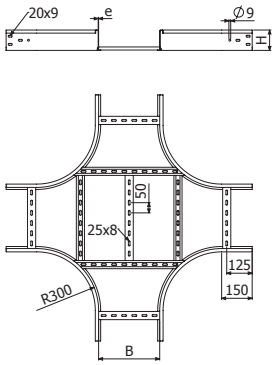
2 x JUF 100 (2/4322 - AL)



CRF-300

	B		H		R		e	AL	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/ud
CRF-300 100x100x2	100	4"	100	4"	2	2/17166	1,75	2/17166	1,75
CRF-300 150x100x2	150	6"	100	4"	2	2/17167	1,89	2/17167	1,89
CRF-300 200x100x2	200	8"	100	4"	2	2/17168	2,04	2/17168	2,04
CRF-300 300x100x2	300	12"	100	4"	2	2/17169	2,32	2/17169	2,32
CRF-300 40 x100x2	400	16"	100	4"	2	2/17170	2,60	2/17170	2,60
CRF-300 500x100x2	500	20"	100	4"	2	2/17171	2,88	2/17171	2,88
CRF-300 600x100x2	600	24"	100	4"	2	2/17172	3,16	2/17172	3,16

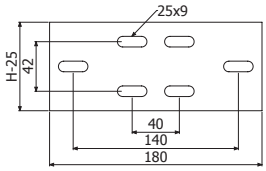
2 x JUF 100 (2/4322 - AL)



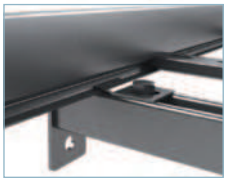
JUF

	H		e	AL	
	mm	inch	mm	REF.	kg/ud
JUF 100	100	4"	2,5	2/4322	0,07

6 /100 B2 (2/5392-i304)

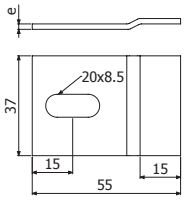


BEF

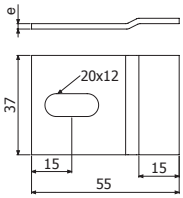


	e	AL	
	mm	REF.	kg/ud
BEF 8	3	2/4289	0,02
BEF 10	3	2/5411	0,02

SHL --> B2 (2/5392 - i304)
SP/SPD + BEF 8 --> ISO7380 M8X30 (0/1117 - i304) + TM41 M8 (0/1070 - GC)
SP/SPD + BEF 10 --> DIN933 M10X30 (0/0320 - i304) + TM41 M10 (0/1071 - GC)

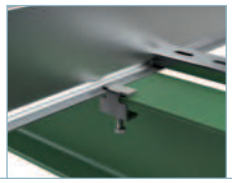


BEF 8



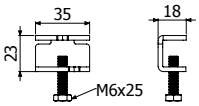
BEF 10

BEV



	H		i304	
	inch	mm	REF.	kg/ud
BEV	6	150	2/14473	0,05

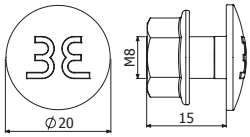
10

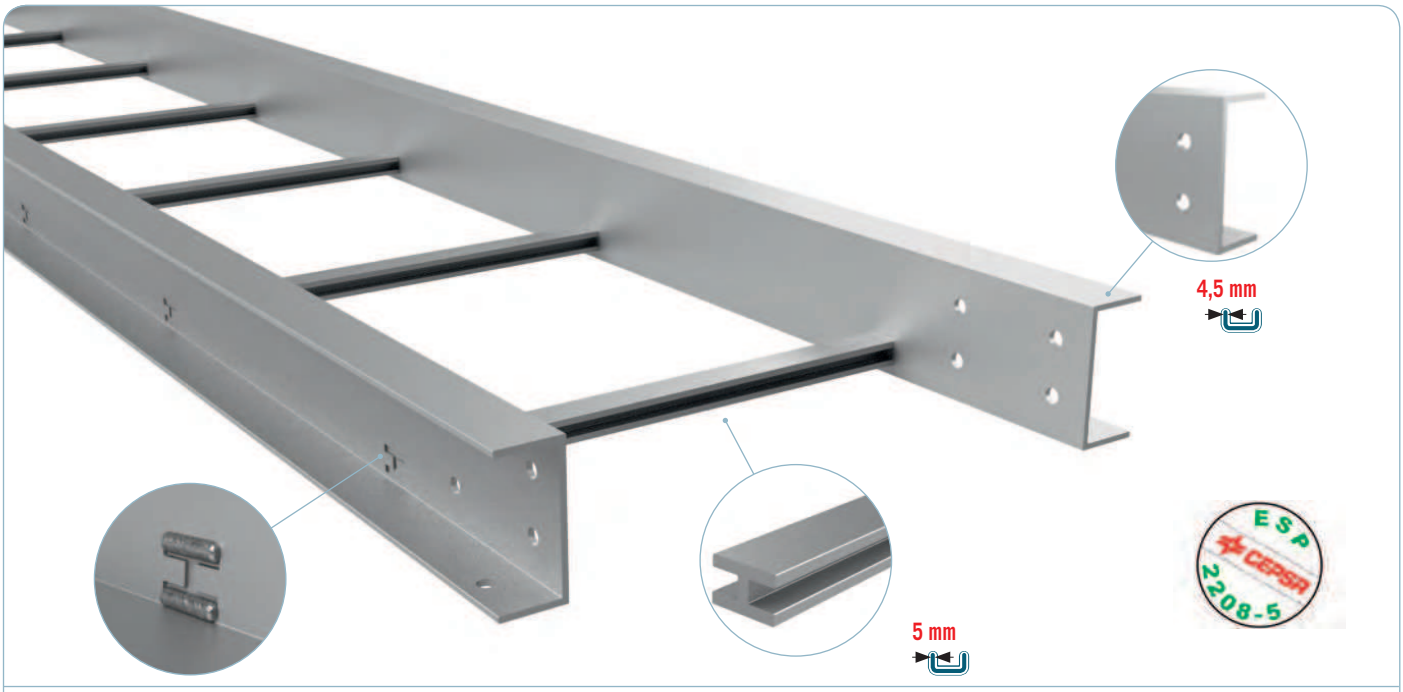


B2

	Pap	i304	
	Nm	REF.	kg/ud
B2-100	15	2/5392	1,71

13





CPUEC-800 | CCUEC-800 | CXUEC-800 | TEUEC-800

RCUEC | KUR | KUA

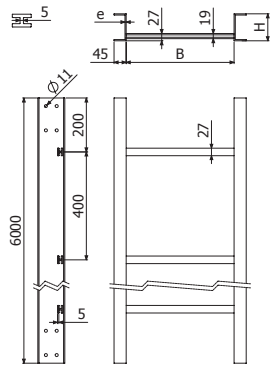
		Filling Area	
B		H100 (4”)	
mm	inch	cm²	in²
100	4”	**73**	11,3
200	8”	**146**	22,6
300	12”	**219**	33,9
400	16”	**292**	45,3
600	24”	**438**	67,9

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	2/6352	4,61
UEC 200x100x4,5-400 6M	200	8”	100	4”	4,5	2/4434	4,83
UEC 300x100x4,5-400 6M	300	12”	100	4”	4,5	2/4433	5,05
UEC 400x100x4,5-400 6M	400	16”	100	4”	4,5	2/4502	5,26
UEC 600x100x4,5-400 6M	600	24”	100	4”	4,5	2/4432	5,70

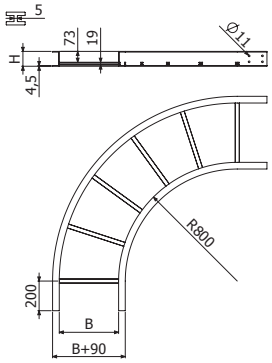
2 x KUR (2/5641)



CPUEC-800

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/m
CPUEC-800 100x100x4,5	100	4”	100	4”	4,5	2/6355	8,19
CPUEC-800 200x100x4,5	200	8”	100	4”	4,5	2/5067	9,09
CPUEC-800 300x100x4,5	300	12”	100	4”	4,5	2/4564	10,17
CPUEC-800 400x100x4,5	400	16”	100	4”	4,5	2/4693	11,07
CPUEC-800 600x100x4,5	600	24”	100	4”	4,5	2/4565	13,40

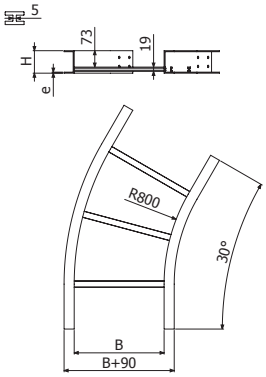
2 x KUR (2/5641)



CPUEC30-800

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPUEC30-800 100x100x4,5	100	4”	100	4”	4,5	-	4,07
CPUEC30-800 200x100x4,5	200	8”	100	4”	4,5	2/5801	4,46
CPUEC30-800 300x100x4,5	300	12”	100	4”	4,5	2/5802	4,85
CPUEC30-800 400x100x4,5	400	16”	100	4”	4,5	2/5803	5,24
CPUEC30-800 600x100x4,5	600	24”	100	4”	4,5	2/4568	6,02

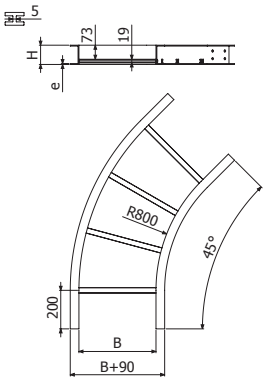
2 x KUR (2/5641)



CPUEC45-800

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CPUEC45-800 100x100x4,5	100	4”	100	4”	4,5	-	4,98
CPUEC45-800 200x100x4,5	200	8”	100	4”	4,5	2/5618	5,53
CPUEC45-800 300x100x4,5	300	12”	100	4”	4,5	2/4566	6,25
CPUEC45-800 400x100x4,5	400	16”	100	4”	4,5	2/4634	6,80
CPUEC45-800 600x100x4,5	600	24”	100	4”	4,5	2/4567	7,87

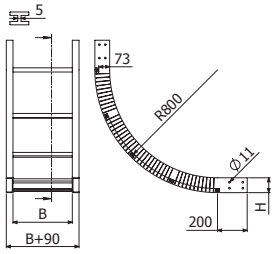
2 x KUR (2/5641)



CCUEC-800

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCUEC 100x100x4,5	100	4”	100	4”	4,5	2/6354	7,57
CCUEC 200x100x4,5	200	8”	100	4”	4,5	2/5070	8,02
CCUEC 300x100x4,5	300	12”	100	4”	4,5	2/4662	8,47
CCUEC 400x100x4,5	400	16”	100	4”	4,5	2/4632	8,92
CCUEC 600x100x4,5	600	24”	100	4”	4,5	2/5708	9,83

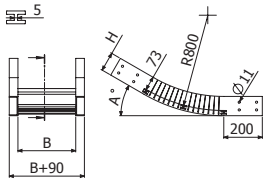
2 x KUR (2/5641)



CCUEC30-800

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCUEC30 100x100x4,5	100	4”	100	4”	4,5	-	7,57
CCUEC30 200x100x4,5	200	8”	100	4”	4,5	2/5807	8,02
CCUEC30 300x100x4,5	300	12”	100	4”	4,5	2/5808	8,47
CCUEC30 400x100x4,5	400	16”	100	4”	4,5	2/5809	8,92
CCUEC30 600x100x4,5	600	24”	100	4”	4,5	2/5810	9,83

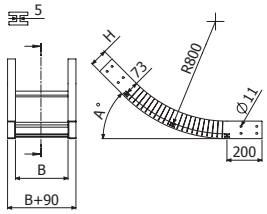
2 x KUR (2/5641)



CCUEC45-800

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CCUEC45 100x100x4,5	100	4”	100	4”	4,5	-	4,73
CCUEC45 200x100x4,5	200	8”	100	4”	4,5	2/5804	5,00
CCUEC45 300x100x4,5	300	12”	100	4”	4,5	2/5805	5,27
CCUEC45 400x100x4,5	400	16”	100	4”	4,5	2/4633	5,55
CCUEC45 600x100x4,5	600	24”	100	4”	4,5	2/5806	6,09

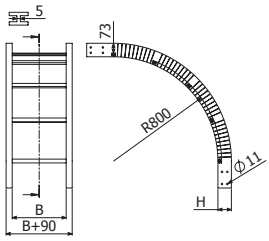
2 x KUR (2/5641)



CXUEC-800

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CXUEC 100x100x4,5	100	4”	100	4”	4,5	2/6353	7,91
CXUEC 200x100x4,5	200	8”	100	4”	4,5	2/5069	8,37
CXUEC 300x100x4,5	300	12”	100	4”	4,5	2/4663	8,82
CXUEC 400x100x4,5	400	16”	100	4”	4,5	2/5068	9,27
CXUEC 600x100x4,5	600	24”	100	4”	4,5	2/5709	10,17

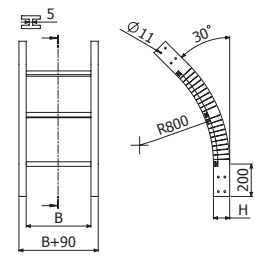
2 x KUR (2/5641)



CXUEC30-800

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CXUEC30 100x100x4,5	100	4”	100	4”	4,5	-	3,95
CXUEC30 200x100x4,5	200	8”	100	4”	4,5	2/5821	4,22
CXUEC30 300x100x4,5	300	12”	100	4”	4,5	2/5822	4,49
CXUEC30 400x100x4,5	400	16”	100	4”	4,5	2/5823	4,76
CXUEC30 600x100x4,5	600	24”	100	4”	4,5	2/5824	5,30

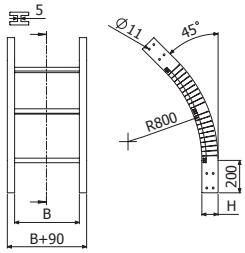
2 x KUR (2/5641)



CXUEC45-800

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
CXUEC45 100x100x4,5	100	4”	100	4”	4,5	-	4,90
CXUEC45 200x100x4,5	200	8”	100	4”	4,5	2/5811	5,17
CXUEC45 300x100x4,5	300	12”	100	4”	4,5	2/5812	5,44
CXUEC45 400x100x4,5	400	16”	100	4”	4,5	2/5813	5,71
CXUEC45 600x100x4,5	600	24”	100	4”	4,5	2/5814	6,25

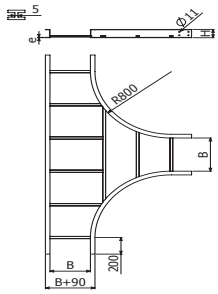
2 x KUR (2/5641)



TEUEC-800

	B		H		e	AL	
	mm	inch	mm	inch	mm	REF.	kg/ud
TEUEC 100x100x4,5	100	4”	100	4”	4,5	-	13,78
TEUEC 200x100x4,5	200	8”	100	4”	4,5	2/5825	15,13
TEUEC 300x100x4,5	300	12”	100	4”	4,5	2/4569	16,19
TEUEC 400x100x4,5	400	16”	100	4”	4,5	2/4682	17,25
TEUEC 600x100x4,5	600	24”	100	4”	4,5	2/4673	19,94

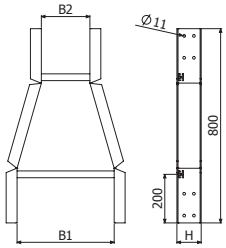
2 x KUR (2/5641)



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	2/5826	3,95
RCUEC 400/300x100x4,5	400	16”	300	12”	100	4”	4,5	2/4570	4,13
RCUEC 600/400x100x4,5	600	24”	400	16”	100	4”	4,5	2/4571	4,44

2 x KUR (2/5641)

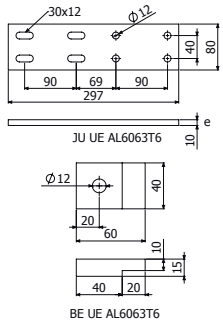


KUR

	e	AL	
	mm	REF.	kg/ud
KUR	10	2/5641	0,94

4 x M10x30 + 4 x M10x50 + 1 x JUUE + 1 x BEUE

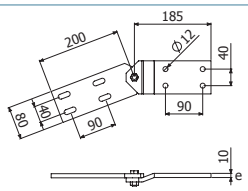
17

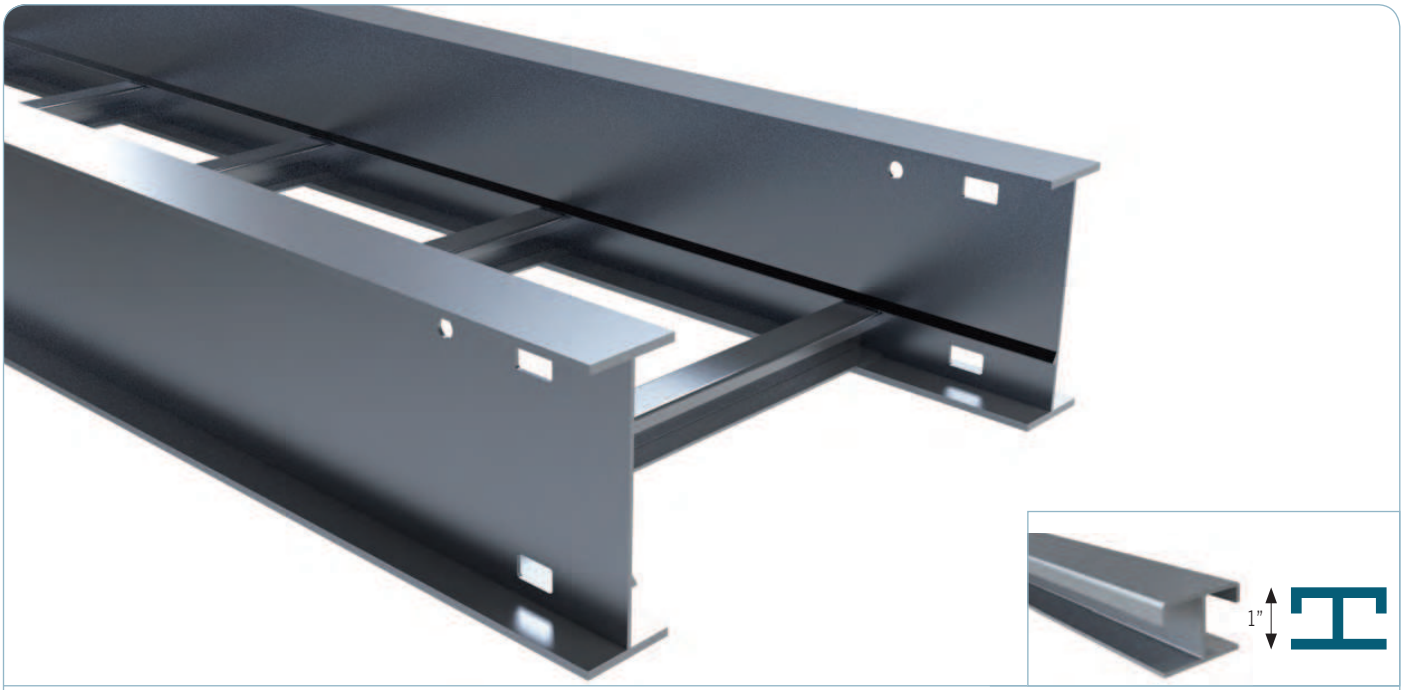


KUA

	e	AL	
	mm	REF.	kg/ud
KUA	10	2/5642	0,85

4 x M10x30 + 4 x M10x50 + 1 x JUAUE





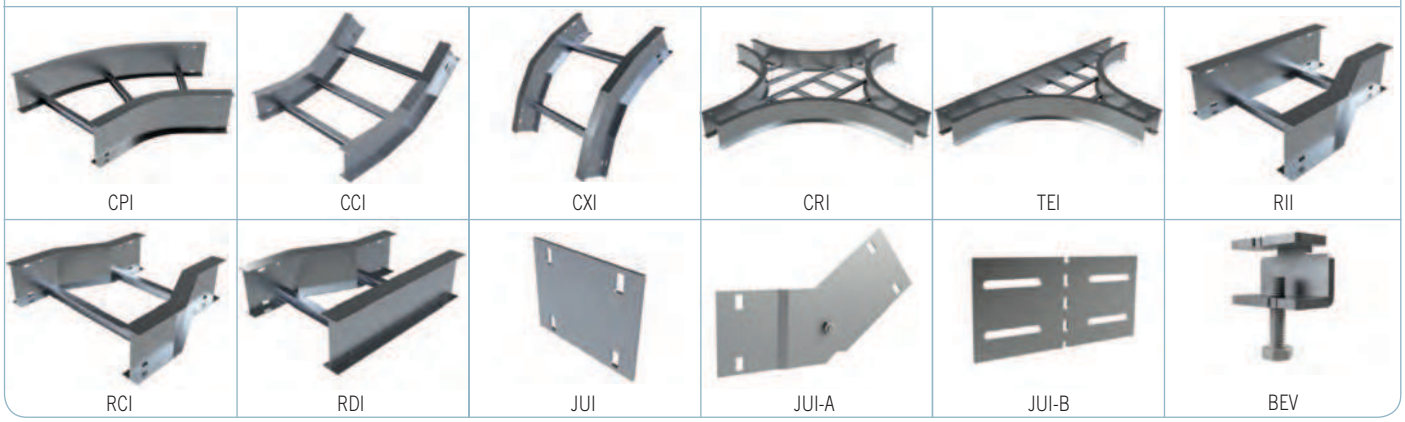
L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

20J
UNE-EN 61537

AL
x3
GS
GC
1304



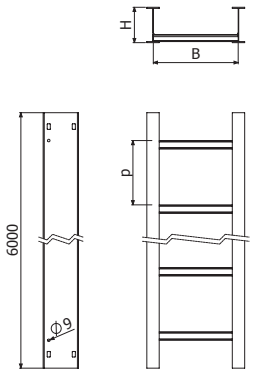
		Filling Area					
B		H4"		H5"		H6"	
inch	mm	in²	cm²	in²	cm²	in²	cm²
6"	150	17,0	109	23,0	148	29,0	187
9"	230	25,5	164	34,5	222	43,5	280
12"	300	34,1	219	46,1	297	58,1	374
18"	450	51,1	329	69,1	445	87,1	561
24"	600	68,2	439	92,2	594	116,2	749
30"	750	85,2	549	115,2	743	145,2	936
36"	900	102,3	659	138,3	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	2/10305	2,28	2/10324	2,12	2/10343	2,04
IL 9x4-p 6M	9	230	4	100	2/10306	2,52	2/10325	2,28	2/10344	2,16
IL 12x4-p 6M	12	300	4	100	2/10307	2,76	2/10326	2,44	2/10345	2,28
IL 18x4-p 6M	18	450	4	100	2/10308	3,24	2/10327	2,76	2/10346	2,52
IL 24x4-p 6M	24	600	4	100	2/10309	3,72	2/10328	3,08	2/10347	2,76
IL 30x4-p 6M	30	750	4	100	2/10310	4,20	2/10329	3,40	2/10348	3,00
IL 36x4-p 6M	36	900	4	100	2/10311	4,68	2/10330	3,72	2/10349	3,24

2 x JUI 4 (2/11220)

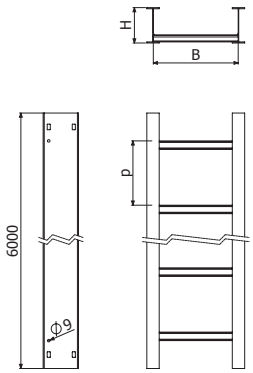


IL H5 (NEMA 16A / 12C)

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	2/14942	2,41	2/14943	2,26	2/14944	2,19
IL 9x5-p 6M	9	230	5	125	2/10312	2,58	2/10331	2,34	2/10350	2,22
IL 12x5-p 6M	12	300	5	125	2/10313	2,82	2/10332	2,50	2/10351	2,34
IL 18x5-p 6M	18	450	5	125	2/10314	3,30	2/10333	2,82	2/10352	2,58
IL 24x5-p 6M	24	600	5	125	2/10315	3,78	2/10334	3,14	2/10353	2,82
IL 30x5-p 6M	30	750	5	125	2/10316	4,26	2/10335	3,46	2/10354	3,06
IL 36x5-p 6M	36	900	5	125	2/10317	4,74	2/10336	3,78	2/10355	3,30

2 x JUI 5 (2/11221)

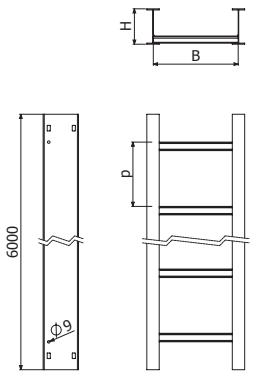


IL H6 (NEMA 20A / 16B / 12C)

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	2/10318	3,08	2/10337	2,84	2/10356	2,72
IL 12x6-p 6M	12	300	6	150	2/10319	3,32	2/10338	3,00	2/10357	2,84
IL 18x6-p 6M	18	450	6	150	2/10320	3,80	2/10339	3,32	2/10358	3,08
IL 24x6-p 6M	24	600	6	150	2/10321	4,28	2/10340	3,64	2/10359	3,32
IL 30x6-p 6M	30	750	6	150	2/10322	4,76	2/10341	3,96	2/10360	3,56
IL 36x6-p 6M	36	900	6	150	2/10323	5,24	2/10342	4,28	2/10361	3,80

2 x JUI 6 (2/11222)

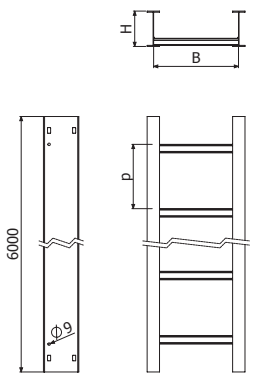


IS H4 (NEMA 20A / 16B)

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	2/10362	3,02	2/10381	2,86	2/10400	2,78
IS 9x4-p 6M	9	230	4	100	2/10363	3,26	2/10382	3,02	2/10401	2,90
IS 12x4-p 6M	12	300	4	100	2/10364	3,50	2/10383	3,18	2/10402	3,02
IS 18x4-p 6M	18	450	4	100	2/10365	3,98	2/10384	3,50	2/10403	3,26
IS 24x4-p 6M	24	600	4	100	2/10366	4,46	2/10385	3,82	2/10404	3,50
IS 30x4-p 6M	30	750	4	100	2/10367	4,94	2/10386	4,14	2/10405	3,74
IS 36x4-p 6M	36	900	4	100	2/10368	5,42	2/10387	4,46	2/10406	3,98

2 x JUI 4 (2/11220)

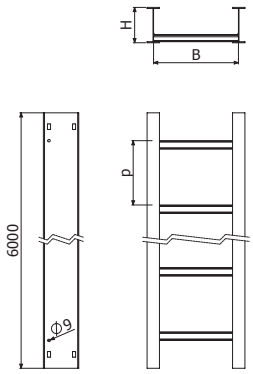


IS H5 (NEMA 20A /16B / 12C)

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	2/14945	2,79	2/14946	2,54	2/14947	2,42
IS 9x5-p 6M	9	230	5	125	2/10369	2,82	2/10388	2,58	2/10407	2,46
IS 12x5-p 6M	12	300	5	125	2/10370	3,06	2/10389	2,74	2/10408	2,58
IS 18x5-p 6M	18	450	5	125	2/10371	3,54	2/10390	3,06	2/10409	2,82
IS 24x5-p 6M	24	600	5	125	2/10372	4,02	2/10391	3,38	2/10410	3,06
IS 30x5-p 6M	30	750	5	125	2/10373	4,50	2/10392	3,70	2/10411	3,30
IS 36x5-p 6M	36	900	5	125	2/10374	4,98	2/10393	4,02	2/10412	3,54

2 x JUI 5 (2/11221)

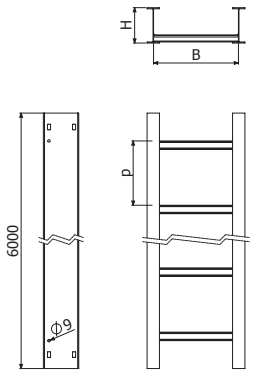


IS H6 (NEMA 20B / 16C)

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	2/10375	3,62	2/10394	3,38	2/10413	3,26
IS 12x6-p 6M	12	300	6	150	2/10376	3,86	2/10395	3,54	2/10414	3,38
IS 18x6-p 6M	18	450	6	150	2/10377	4,34	2/10396	3,86	2/10415	3,62
IS 24x6-p 6M	24	600	6	150	2/10378	4,82	2/10397	4,18	2/10416	3,86
IS 30x6-p 6M	30	750	6	150	2/10379	5,30	2/10398	4,50	2/10417	4,10
IS 36x6-p 6M	36	900	6	150	2/10380	5,78	2/10399	4,82	2/10418	4,34

2 x JUI 6 (2/11222)

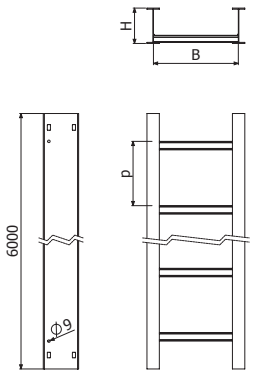


IR H4 (NEMA 20B / 16C)

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	2/10419	3,54	2/10438	3,38	2/10457	3,30
IR 9x4-p 6M	9	230	4	100	2/10420	3,78	2/10439	3,54	2/10458	3,42
IR 12x4-p 6M	12	300	4	100	2/10421	4,02	2/10440	3,70	2/10459	3,54
IR 18x4-p 6M	18	450	4	100	2/10422	4,50	2/10441	4,02	2/10460	3,78
IR 24x4-p 6M	24	600	4	100	2/10423	4,98	2/10442	4,34	2/10461	4,02
IR 30x4-p 6M	30	750	4	100	2/10424	5,46	2/10443	4,66	2/10462	4,26
IR 36x4-p 6M	36	900	4	100	2/10425	5,94	2/10444	4,98	2/10463	4,50

2 x JUI 4 (2/11220)

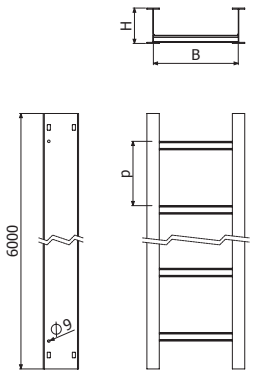


IR H5 (NEMA 20B / 16C)

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	2/14948	3,50	2/14949	3,26	2/14950	3,12
IR 9x5-p 6M	9	230	5	125	2/10426	3,62	2/10445	3,38	2/10464	3,26
IR 12x5-p 6M	12	300	5	125	2/10427	3,86	2/10446	3,54	2/10465	3,38
IR 18x5-p 6M	18	450	5	125	2/10428	4,34	2/10447	3,86	2/10466	3,62
IR 24x5-p 6M	24	600	5	125	2/10429	4,82	2/10448	4,18	2/10467	3,86
IR 30x5-p 6M	30	750	5	125	2/10430	5,30	2/10449	4,50	2/10468	4,10
IR 36x5-p 6M	36	900	5	125	2/10431	5,78	2/10450	4,82	2/10469	4,34

2 x JUI 5 (2/11221)

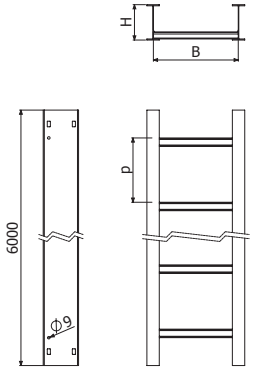


IR H6 (NEMA 20C)

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	2/10432	4,24	2/10451	4,00	2/10470	3,88
IR 12x6-p 6M	12	300	6	150	2/10433	4,48	2/10452	4,16	2/10471	4,00
IR 18x6-p 6M	18	450	6	150	2/10434	4,96	2/10453	4,48	2/10472	4,24
IR 24x6-p 6M	24	600	6	150	2/10435	5,44	2/10454	4,80	2/10473	4,48
IR 30x6-p 6M	30	750	6	150	2/10436	5,92	2/10455	5,12	2/10474	4,72
IR 36x6-p 6M	36	900	6	150	2/10437	6,40	2/10456	5,44	2/10475	4,96

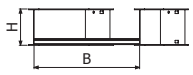
2 x JUI 6 (2/11222)

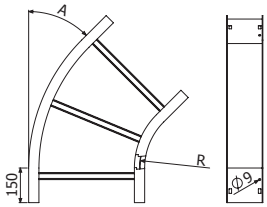


CPI H4

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	2/10476	1,44
CPI30-12 9x4	30	12	300	9	230	4	100	2/10477	1,56
CPI30-12 12x4	30	12	300	12	300	4	100	2/10478	1,68
CPI30-12 18x4	30	12	300	18	450	4	100	2/10479	1,93
CPI30-12 24x4	30	12	300	24	600	4	100	2/10480	2,44
CPI30-12 30x4	30	12	300	30	750	4	100	2/10481	2,75
CPI30-12 36x4	30	12	300	36	900	4	100	2/10482	3,06
CPI45-12 6x4	45	12	300	6	150	4	100	2/10483	1,70
CPI45-12 9x4	45	12	300	9	230	4	100	2/10484	1,85
CPI45-12 12x4	45	12	300	12	300	4	100	2/10485	2,13
CPI45-12 18x4	45	12	300	18	450	4	100	2/10486	2,49
CPI45-12 24x4	45	12	300	24	600	4	100	2/10487	2,85
CPI45-12 30x4	45	12	300	30	750	4	100	2/10488	3,21
CPI45-12 36x4	45	12	300	36	900	4	100	2/10489	3,99
CPI-12 6x4	90	12	300	6	150	4	100	2/10490	2,55
CPI-12 9x4	90	12	300	9	230	4	100	2/10491	2,81
CPI-12 12x4	90	12	300	12	300	4	100	2/10492	3,20
CPI-12 18x4	90	12	300	18	450	4	100	2/10493	3,78
CPI-12 24x4	90	12	300	24	600	4	100	2/10494	4,64
CPI-12 30x4	90	12	300	30	750	4	100	2/10495	5,30
CPI-12 36x4	90	12	300	36	900	4	100	2/10496	6,36
CPI30-24 6x4	30	24	600	6	150	4	100	2/10497	1,86
CPI30-24 9x4	30	24	600	9	230	4	100	2/10498	1,98
CPI30-24 12x4	30	24	600	12	300	4	100	2/10499	2,24
CPI30-24 18x4	30	24	600	18	450	4	100	2/10500	2,54
CPI30-24 24x4	30	24	600	24	600	4	100	2/10501	2,85
CPI30-24 30x4	30	24	600	30	750	4	100	2/10502	3,16
CPI30-24 36x4	30	24	600	36	900	4	100	2/10503	3,47
CPI45-24 6x4	45	24	600	6	150	4	100	2/10504	2,39
CPI45-24 9x4	45	24	600	9	230	4	100	2/10505	2,57
CPI45-24 12x4	45	24	600	12	300	4	100	2/10506	2,75
CPI45-24 18x4	45	24	600	18	450	4	100	2/10507	3,11
CPI45-24 24x4	45	24	600	24	600	4	100	2/10508	3,75
CPI45-24 30x4	45	24	600	30	750	4	100	2/10509	4,18
CPI45-24 36x4	45	24	600	36	900	4	100	2/10510	4,61
CPI-24 6x4	90	24	600	6	150	4	100	2/10511	3,86
CPI-24 9x4	90	24	600	9	230	4	100	2/10512	4,15
CPI-24 12x4	90	24	600	12	300	4	100	2/10513	4,58
CPI-24 18x4	90	24	600	18	450	4	100	2/10514	5,23
CPI-24 24x4	90	24	600	24	600	4	100	2/10515	6,16
CPI-24 30x4	90	24	600	30	750	4	100	2/10516	6,88
CPI-24 36x4	90	24	600	36	900	4	100	2/10517	8,01
CPI30-36 6x4	30	36	900	6	150	4	100	2/10518	2,34
CPI30-36 9x4	30	36	900	9	230	4	100	2/10519	2,49
CPI30-36 12x4	30	36	900	12	300	4	100	2/10520	2,65
CPI30-36 18x4	30	36	900	18	450	4	100	2/10521	2,96
CPI30-36 24x4	30	36	900	24	600	4	100	2/10522	3,27
CPI30-36 30x4	30	36	900	30	750	4	100	2/10523	3,58
CPI30-36 36x4	30	36	900	36	900	4	100	2/10524	4,30
CPI45-36 6x4	45	36	900	6	150	4	100	2/10525	3,01
CPI45-36 9x4	45	36	900	9	230	4	100	2/10526	3,19
CPI45-36 12x4	45	36	900	12	300	4	100	2/10527	3,51
CPI45-36 18x4	45	36	900	18	450	4	100	2/10528	3,94
CPI45-36 24x4	45	36	900	24	600	4	100	2/10529	4,37
CPI45-36 30x4	45	36	900	30	750	4	100	2/10530	4,80
CPI45-36 36x4	45	36	900	36	900	4	100	2/10531	5,64
CPI-36 6x4	90	36	900	6	150	4	100	2/10532	5,17
CPI-36 9x4	90	36	900	9	230	4	100	2/10533	5,49
CPI-36 12x4	90	36	900	12	300	4	100	2/10534	5,96
CPI-36 18x4	90	36	900	18	450	4	100	2/10535	6,68
CPI-36 24x4	90	36	900	24	600	4	100	2/10536	7,67
CPI-36 30x4	90	36	900	30	750	4	100	2/10537	8,46
CPI-36 36x4	90	36	900	36	900	4	100	2/10538	9,67





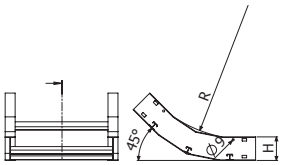
CPI 'A' - 'R' 'B'x'H'

2 x JUI 4 (2/11220)

CCI H4

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

	A (º)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCI30-12 6x4	30	12	300	6	150	4	100	2/10647	1,48
CCI30-12 9x4	30	12	300	9	230	4	100	2/10648	1,55
CCI30-12 12x4	30	12	300	12	300	4	100	2/10649	1,62
CCI30-12 18x4	30	12	300	18	450	4	100	2/10650	1,75
CCI30-12 24x4	30	12	300	24	600	4	100	2/10651	1,89
CCI30-12 30x4	30	12	300	30	750	4	100	2/10652	2,03
CCI30-12 36x4	30	12	300	36	900	4	100	2/10653	2,16
CCI45-12 6x4	45	12	300	6	150	4	100	2/10654	1,82
CCI45-12 9x4	45	12	300	9	230	4	100	2/10655	1,93
CCI45-12 12x4	45	12	300	12	300	4	100	2/10656	2,03
CCI45-12 18x4	45	12	300	18	450	4	100	2/10657	2,23
CCI45-12 24x4	45	12	300	24	600	4	100	2/10658	2,44
CCI45-12 30x4	45	12	300	30	750	4	100	2/10659	2,65
CCI45-12 36x4	45	12	300	36	900	4	100	2/10660	2,85
CCI-12 6x4	90	12	300	6	150	4	100	2/10661	2,72
CCI-12 9x4	90	12	300	9	230	4	100	2/10662	2,86
CCI-12 12x4	90	12	300	12	300	4	100	2/10663	2,99
CCI-12 18x4	90	12	300	18	450	4	100	2/10664	3,27
CCI-12 24x4	90	12	300	24	600	4	100	2/10665	3,54
CCI-12 30x4	90	12	300	30	750	4	100	2/10666	3,82
CCI-12 36x4	90	12	300	36	900	4	100	2/10667	4,09
CCI30-24 6x4	30	24	600	6	150	4	100	2/10668	1,96
CCI30-24 9x4	30	24	600	9	230	4	100	2/10669	2,06
CCI30-24 12x4	30	24	600	12	300	4	100	2/10670	2,17
CCI30-24 18x4	30	24	600	18	450	4	100	2/10671	2,37
CCI30-24 24x4	30	24	600	24	600	4	100	2/10672	2,58
CCI30-24 30x4	30	24	600	30	750	4	100	2/10673	2,78
CCI30-24 36x4	30	24	600	36	900	4	100	2/10674	2,99
CCI45-24 6x4	45	24	600	6	150	4	100	2/10675	2,51
CCI45-24 9x4	45	24	600	9	230	4	100	2/10676	2,65
CCI45-24 12x4	45	24	600	12	300	4	100	2/10677	2,79
CCI45-24 18x4	45	24	600	18	450	4	100	2/10678	3,06
CCI45-24 24x4	45	24	600	24	600	4	100	2/10679	3,34
CCI45-24 30x4	45	24	600	30	750	4	100	2/10680	3,61
CCI45-24 36x4	45	24	600	36	900	4	100	2/10681	3,88
CCI-24 6x4	90	24	600	6	150	4	100	2/10682	4,10
CCI-24 9x4	90	24	600	9	230	4	100	2/10683	4,30
CCI-24 12x4	90	24	600	12	300	4	100	2/10684	4,51
CCI-24 18x4	90	24	600	18	450	4	100	2/10685	4,92
CCI-24 24x4	90	24	600	24	600	4	100	2/10686	5,33
CCI-24 30x4	90	24	600	30	750	4	100	2/10687	5,74
CCI-24 36x4	90	24	600	36	900	4	100	2/10688	6,15
CCI30-36 6x4	30	36	900	6	150	4	100	2/10689	2,44
CCI30-36 9x4	30	36	900	9	230	4	100	2/10690	2,58
CCI30-36 12x4	30	36	900	12	300	4	100	2/10691	2,72
CCI30-36 18x4	30	36	900	18	450	4	100	2/10692	2,99
CCI30-36 24x4	30	36	900	24	600	4	100	2/10693	3,27
CCI30-36 30x4	30	36	900	30	750	4	100	2/10694	3,54
CCI30-36 36x4	30	36	900	36	900	4	100	2/10695	3,81
CCI45-36 6x4	45	36	900	6	150	4	100	2/10696	3,20
CCI45-36 9x4	45	36	900	9	230	4	100	2/10697	3,37
CCI45-36 12x4	45	36	900	12	300	4	100	2/10698	3,54
CCI45-36 18x4	45	36	900	18	450	4	100	2/10699	3,89
CCI45-36 24x4	45	36	900	24	600	4	100	2/10700	4,23
CCI45-36 30x4	45	36	900	30	750	4	100	2/10701	4,57
CCI45-36 36x4	45	36	900	36	900	4	100	2/10702	4,92
CCI-36 6x4	90	36	900	6	150	4	100	2/10703	5,54
CCI-36 9x4	90	36	900	9	230	4	100	2/10704	5,85
CCI-36 12x4	90	36	900	12	300	4	100	2/10705	6,16
CCI-36 18x4	90	36	900	18	450	4	100	2/10706	6,78
CCI-36 24x4	90	36	900	24	600	4	100	2/10707	7,40
CCI-36 30x4	90	36	900	30	750	4	100	2/10708	8,01
CCI-36 36x4	90	36	900	36	900	4	100	2/10709	8,63



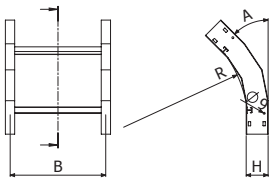
CCI 'A' - 'R' 'B'x'H'

2 x JUI 4 (2/11220)

CXI H4

CXI 'A' - 'R' 'B'x'H'

	A (º)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXI30-12 6x4	30	12	300	6	150	4	100	2/10818	1,48
CXI30-12 9x4	30	12	300	9	230	4	100	2/10819	1,55
CXI30-12 12x4	30	12	300	12	300	4	100	2/10820	1,62
CXI30-12 18x4	30	12	300	18	450	4	100	2/10821	1,75
CXI30-12 24x4	30	12	300	24	600	4	100	2/10822	1,89
CXI30-12 30x4	30	12	300	30	750	4	100	2/10823	2,03
CXI30-12 36x4	30	12	300	36	900	4	100	2/10824	2,16
CXI45-12 6x4	45	12	300	6	150	4	100	2/10825	1,82
CXI45-12 9x4	45	12	300	9	230	4	100	2/10826	1,93
CXI45-12 12x4	45	12	300	12	300	4	100	2/10827	2,03
CXI45-12 18x4	45	12	300	18	450	4	100	2/10828	2,23
CXI45-12 24x4	45	12	300	24	600	4	100	2/10829	2,44
CXI45-12 30x4	45	12	300	30	750	4	100	2/10830	2,65
CXI45-12 36x4	45	12	300	36	900	4	100	2/10831	2,85
CXI-12 6x4	90	12	300	6	150	4	100	2/10832	2,72
CXI-12 9x4	90	12	300	9	230	4	100	2/10833	2,86
CXI-12 12x4	90	12	300	12	300	4	100	2/10834	2,99
CXI-12 18x4	90	12	300	18	450	4	100	2/10835	3,27
CXI-12 24x4	90	12	300	24	600	4	100	2/10836	3,54
CXI-12 30x4	90	12	300	30	750	4	100	2/10837	3,82
CXI-12 36x4	90	12	300	36	900	4	100	2/10838	4,09
CXI30-24 6x4	30	24	600	6	150	4	100	2/10839	1,96
CXI30-24 9x4	30	24	600	9	230	4	100	2/10840	2,06
CXI30-24 12x4	30	24	600	12	300	4	100	2/10841	2,17
CXI30-24 18x4	30	24	600	18	450	4	100	2/10842	2,37
CXI30-24 24x4	30	24	600	24	600	4	100	2/10843	2,58
CXI30-24 30x4	30	24	600	30	750	4	100	2/10844	2,78
CXI30-24 36x4	30	24	600	36	900	4	100	2/10845	2,99
CXI45-24 6x4	45	24	600	6	150	4	100	2/10846	2,51
CXI45-24 9x4	45	24	600	9	230	4	100	2/10847	2,65
CXI45-24 12x4	45	24	600	12	300	4	100	2/10848	2,79
CXI45-24 18x4	45	24	600	18	450	4	100	2/10849	3,06
CXI45-24 24x4	45	24	600	24	600	4	100	2/10850	3,34
CXI45-24 30x4	45	24	600	30	750	4	100	2/10851	3,61
CXI45-24 36x4	45	24	600	36	900	4	100	2/10852	3,88
CXI-24 6x4	90	24	600	6	150	4	100	2/10853	4,10
CXI-24 9x4	90	24	600	9	230	4	100	2/10854	4, 30
CXI-24 12x4	90	24	600	12	300	4	100	2/10855	4,51
CXI-24 18x4	90	24	600	18	450	4	100	2/10856	4,92
CXI-24 24x4	90	24	600	24	600	4	100	2/10857	5,33
CXI-24 30x4	90	24	600	30	750	4	100	2/10858	5,74
CXI-24 36x4	90	24	600	36	900	4	100	2/10859	6,15
CXI30-36 6x4	30	36	900	6	150	4	100	2/10860	2,44
CXI30-36 9x4	30	36	900	9	230	4	100	2/10861	2,58
CXI30-36 12x4	30	36	900	12	300	4	100	2/10862	2,72
CXI30-36 18x4	30	36	900	18	450	4	100	2/10863	2,99
CXI30-36 24x4	30	36	900	24	600	4	100	2/10864	3,27
CXI30-36 30x4	30	36	900	30	750	4	100	2/10865	3,54
CXI30-36 36x4	30	36	900	36	900	4	100	2/10866	3,81
CXI45-36 6x4	45	36	900	6	150	4	100	2/10867	3,20
CXI45-36 9x4	45	36	900	9	230	4	100	2/10868	3,37
CXI45-36 12x4	45	36	900	12	300	4	100	2/10869	3,54
CXI45-36 18x4	45	36	900	18	450	4	100	2/10870	3,89
CXI45-36 24x4	45	36	900	24	600	4	100	2/10871	4,23
CXI45-36 30x4	45	36	900	30	750	4	100	2/10872	4,57
CXI45-36 36x4	45	36	900	36	900	4	100	2/10873	4,92
CXI-36 6x4	90	36	900	6	150	4	100	2/10874	5,54
CXI-36 9x4	90	36	900	9	230	4	100	2/10875	5,85
CXI-36 12x4	90	36	900	12	300	4	100	2/10876	6,16
CXI-36 18x4	90	36	900	18	450	4	100	2/10877	6,78
CXI-36 24x4	90	36	900	24	600	4	100	2/10878	7,40
CXI-36 30x4	90	36	900	30	750	4	100	2/10879	8,01
CXI-36 36x4	90	36	900	36	900	4	100	2/10880	8,63



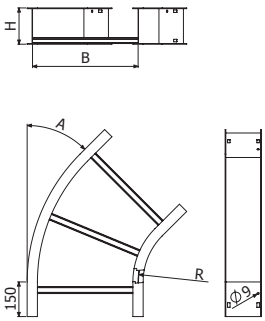
CXI 'A' - 'R' 'B'x'H'

2 x JUI 4 (2/11220)

CPI H5

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

	A (º)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPI30-12 6x5	30	12	300	6	150	5	125	2/14951	1,55
CPI30-12 9x5	30	12	300	9	230	5	125	2/10539	1,67
CPI30-12 12x5	30	12	300	12	300	5	125	2/10540	1,80
CPI30-12 18x5	30	12	300	18	450	5	125	2/10541	2,05
CPI30-12 24x5	30	12	300	24	600	5	125	2/10542	2,57
CPI30-12 30x5	30	12	300	30	750	5	125	2/10543	2,89
CPI30-12 36x5	30	12	300	36	900	5	125	2/10544	3,21
CPI45-12 6x5	45	12	300	6	150	5	125	2/14952	1,83
CPI45-12 9x5	45	12	300	9	230	5	125	2/10545	1,98
CPI45-12 12x5	45	12	300	12	300	5	125	2/10546	2,27
CPI45-12 18x5	45	12	300	18	450	5	125	2/10547	2,64
CPI45-12 24x5	45	12	300	24	600	5	125	2/10548	3,02
CPI45-12 30x5	45	12	300	30	750	5	125	2/10549	3,39
CPI45-12 36x5	45	12	300	36	900	5	125	2/10550	4,18
CPI-12 6x5	90	12	300	6	150	5	125	2/14953	2,73
CPI-12 9x5	90	12	300	9	230	5	125	2/10551	3,01
CPI-12 12x5	90	12	300	12	300	5	125	2/10552	3,41
CPI-12 18x5	90	12	300	18	450	5	125	2/10553	4,02
CPI-12 24x5	90	12	300	24	600	5	125	2/10554	4,91
CPI-12 30x5	90	12	300	30	750	5	125	2/10555	5,58
CPI-12 36x5	90	12	300	36	900	5	125	2/10556	6,67
CPI30-24 6x5	30	24	600	6	150	5	125	2/14954	2,00
CPI30-24 9x5	30	24	600	9	230	5	125	2/10557	2,12
CPI30-24 12x5	30	24	600	12	300	5	125	2/10558	2,38
CPI30-24 18x5	30	24	600	18	450	5	125	2/10559	2,70
CPI30-24 24x5	30	24	600	24	600	5	125	2/10560	3,02
CPI30-24 30x5	30	24	600	30	750	5	125	2/10561	3,33
CPI30-24 36x5	30	24	600	36	900	5	125	2/10562	3,65
CPI45-24 6x5	45	24	600	6	150	5	125	2/14955	2,57
CPI45-24 9x5	45	24	600	9	230	5	125	2/10563	2,75
CPI45-24 12x5	45	24	600	12	300	5	125	2/10564	2,94
CPI45-24 18x5	45	24	600	18	450	5	125	2/10565	3,31
CPI45-24 24x5	45	24	600	24	600	5	125	2/10566	3,96
CPI45-24 30x5	45	24	600	30	750	5	125	2/10567	4,40
CPI45-24 36x5	45	24	600	36	900	5	125	2/10568	4,85
CPI-24 6x5	90	24	600	6	150	5	125	2/14956	4,14
CPI-24 9x5	90	24	600	9	230	5	125	2/10569	4,45
CPI-24 12x5	90	24	600	12	300	5	125	2/10570	4,89
CPI-24 18x5	90	24	600	18	450	5	125	2/10571	5,57
CPI-24 24x5	90	24	600	24	600	5	125	2/10572	6,52
CPI-24 30x5	90	24	600	30	750	5	125	2/10573	7,27
CPI-24 36x5	90	24	600	36	900	5	125	2/10574	8,43
CPI30-36 6x5	30	36	900	6	150	5	125	2/14957	2,51
CPI30-36 9x5	30	36	900	9	230	5	125	2/10575	2,67
CPI30-36 12x5	30	36	900	12	300	5	125	2/10576	2,83
CPI30-36 18x5	30	36	900	18	450	5	125	2/10577	3,15
CPI30-36 24x5	30	36	900	24	600	5	125	2/10578	3,46
CPI30-36 30x5	30	36	900	30	750	5	125	2/10579	3,78
CPI30-36 36x5	30	36	900	36	900	5	125	2/10580	4,51
CPI45-36 6x5	45	36	900	6	150	5	125	2/14958	3,24
CPI45-36 9x5	45	36	900	9	230	5	125	2/10581	3,42
CPI45-36 12x5	45	36	900	12	300	5	125	2/10582	3,75
CPI45-36 18x5	45	36	900	18	450	5	125	2/10583	4,19
CPI45-36 24x5	45	36	900	24	600	5	125	2/10584	4,63
CPI45-36 30x5	45	36	900	30	750	5	125	2/10585	5,07
CPI45-36 36x5	45	36	900	36	900	5	125	2/10586	5,93
CPI-36 6x5	90	36	900	6	150	5	125	2/14959	5,55
CPI-36 9x5	90	36	900	9	230	5	125	2/10587	5,89
CPI-36 12x5	90	36	900	12	300	5	125	2/10588	6,37
CPI-36 18x5	90	36	900	18	450	5	125	2/10589	7,12
CPI-36 24x5	90	36	900	24	600	5	125	2/10590	8,14
CPI-36 30x5	90	36	900	30	750	5	125	2/10591	8,95
CPI-36 36x5	90	36	900	36	900	5	125	2/10592	10,18



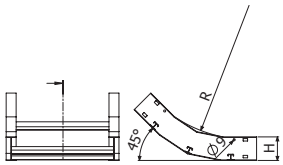
CPI 'A' - 'R' 'B'x'H'

2 x JUI 5 (2/11221)

CCI H5

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

	A (º)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCI30-12 6x5	30	12	300	6	150	5	125	2/14960	1,69
CCI30-12 9x5	30	12	300	9	230	5	125	2/10710	1,80
CCI30-12 12x5	30	12	300	12	300	5	125	2/10711	1,90
CCI30-12 18x5	30	12	300	18	450	5	125	2/10712	2,10
CCI30-12 24x5	30	12	300	24	600	5	125	2/10713	2,31
CCI30-12 30x5	30	12	300	30	750	5	125	2/10714	2,52
CCI30-12 36x5	30	12	300	36	900	5	125	2/10715	2,72
CCI45-12 6x5	45	12	300	6	150	5	125	2/14961	2,01
CCI45-12 9x5	45	12	300	9	230	5	125	2/10716	2,11
CCI45-12 12x5	45	12	300	12	300	5	125	2/10717	2,21
CCI45-12 18x5	45	12	300	18	450	5	125	2/10718	2,42
CCI45-12 24x5	45	12	300	24	600	5	125	2/10719	2,63
CCI45-12 30x5	45	12	300	30	750	5	125	2/10720	2,83
CCI45-12 36x5	45	12	300	36	900	5	125	2/10721	3,04
CCI-12 6x5	90	12	300	6	150	5	125	2/14962	3,03
CCI-12 9x5	90	12	300	9	230	5	125	2/10722	3,16
CCI-12 12x5	90	12	300	12	300	5	125	2/10723	3,30
CCI-12 18x5	90	12	300	18	450	5	125	2/10724	3,58
CCI-12 24x5	90	12	300	24	600	5	125	2/10725	3,85
CCI-12 30x5	90	12	300	30	750	5	125	2/10726	4,12
CCI-12 36x5	90	12	300	36	900	5	125	2/10727	4,40
CCI30-24 6x5	30	24	600	6	150	5	125	2/14963	2,14
CCI30-24 9x5	30	24	600	9	230	5	125	2/10728	2,24
CCI30-24 12x5	30	24	600	12	300	5	125	2/10729	2,34
CCI30-24 18x5	30	24	600	18	450	5	125	2/10730	2,55
CCI30-24 24x5	30	24	600	24	600	5	125	2/10731	2,76
CCI30-24 30x5	30	24	600	30	750	5	125	2/10732	2,96
CCI30-24 36x5	30	24	600	36	900	5	125	2/10733	3,17
CCI45-24 6x5	45	24	600	6	150	5	125	2/14964	2,75
CCI45-24 9x5	45	24	600	9	230	5	125	2/10734	2,88
CCI45-24 12x5	45	24	600	12	300	5	125	2/10735	3,02
CCI45-24 18x5	45	24	600	18	450	5	125	2/10736	3,30
CCI45-24 24x5	45	24	600	24	600	5	125	2/10737	3,57
CCI45-24 30x5	45	24	600	30	750	5	125	2/10738	3,84
CCI45-24 36x5	45	24	600	36	900	5	125	2/10739	4,12
CCI-24 6x5	90	24	600	6	150	5	125	2/14965	4,57
CCI-24 9x5	90	24	600	9	230	5	125	2/10740	4,81
CCI-24 12x5	90	24	600	12	300	5	125	2/10741	5,05
CCI-24 18x5	90	24	600	18	450	5	125	2/10742	5,53
CCI-24 24x5	90	24	600	24	600	5	125	2/10743	6,01
CCI-24 30x5	90	24	600	30	750	5	125	2/10744	6,49
CCI-24 36x5	90	24	600	36	900	5	125	2/10745	6,97
CCI30-36 6x5	30	36	900	6	150	5	125	2/14966	2,65
CCI30-36 9x5	30	36	900	9	230	5	125	2/10746	2,79
CCI30-36 12x5	30	36	900	12	300	5	125	2/10747	2,93
CCI30-36 18x5	30	36	900	18	450	5	125	2/10748	3,20
CCI30-36 24x5	30	36	900	24	600	5	125	2/10749	3,48
CCI30-36 30x5	30	36	900	30	750	5	125	2/10750	3,75
CCI30-36 36x5	30	36	900	36	900	5	125	2/10751	4,03
CCI45-36 6x5	45	36	900	6	150	5	125	2/14967	3,49
CCI45-36 9x5	45	36	900	9	230	5	125	2/10752	3,66
CCI45-36 12x5	45	36	900	12	300	5	125	2/10753	3,83
CCI45-36 18x5	45	36	900	18	450	5	125	2/10754	4,17
CCI45-36 24x5	45	36	900	24	600	5	125	2/10755	4,52
CCI45-36 30x5	45	36	900	30	750	5	125	2/10756	4,86
CCI45-36 36x5	45	36	900	36	900	5	125	2/10757	5,20
CCI-36 6x5	90	36	900	6	150	5	125	2/14968	6,05
CCI-36 9x5	90	36	900	9	230	5	125	2/10758	6,36
CCI-36 12x5	90	36	900	12	300	5	125	2/10759	6,67
CCI-36 18x5	90	36	900	18	450	5	125	2/10760	7,29
CCI-36 24x5	90	36	900	24	600	5	125	2/10761	7,90
CCI-36 30x5	90	36	900	30	750	5	125	2/10762	8,52
CCI-36 36x5	90	36	900	36	900	5	125	2/10763	9,14



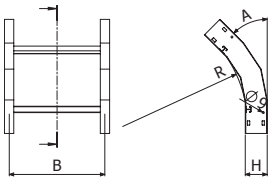
CCI 'A' - 'R' 'B'x'H'

2 x JUI 5 (2/11221)

CXI H5

CXI 'A' - 'R' 'B'x'H'

	A (º)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXI30-12 6x5	30	12	300	6	150	5	125	2/14969	1,69
CXI30-12 9x5	30	12	300	9	230	5	125	2/10881	1,80
CXI30-12 12x5	30	12	300	12	300	5	125	2/10882	1,90
CXI30-12 18x5	30	12	300	18	450	5	125	2/10883	2,10
CXI30-12 24x5	30	12	300	24	600	5	125	2/10884	2,31
CXI30-12 30x5	30	12	300	30	750	5	125	2/10885	2,52
CXI30-12 36x5	30	12	300	36	900	5	125	2/10886	2,72
CXI45-12 6x5	45	12	300	6	150	5	125	2/14970	2,01
CXI45-12 9x5	45	12	300	9	230	5	125	2/10887	2,11
CXI45-12 12x5	45	12	300	12	300	5	125	2/10888	2,21
CXI45-12 18x5	45	12	300	18	450	5	125	2/10889	2,42
CXI45-12 24x5	45	12	300	24	600	5	125	2/10890	2,63
CXI45-12 30x5	45	12	300	30	750	5	125	2/10891	2,83
CXI45-12 36x5	45	12	300	36	900	5	125	2/10892	3,04
CXI-12 6x5	90	12	300	6	150	5	125	2/14971	3,03
CXI-12 9x5	90	12	300	9	230	5	125	2/10893	3,16
CXI-12 12x5	90	12	300	12	300	5	125	2/10894	3,30
CXI-12 18x5	90	12	300	18	450	5	125	2/10895	3,58
CXI-12 24x5	90	12	300	24	600	5	125	2/10896	3,85
CXI-12 30x5	90	12	300	30	750	5	125	2/10897	4,12
CXI-12 36x5	90	12	300	36	900	5	125	2/10898	4,40
CXI30-24 6x5	30	24	600	6	150	5	125	2/14972	2,14
CXI30-24 9x5	30	24	600	9	230	5	125	2/10899	2,24
CXI30-24 12x5	30	24	600	12	300	5	125	2/10900	2,34
CXI30-24 18x5	30	24	600	18	450	5	125	2/10901	2,55
CXI30-24 24x5	30	24	600	24	600	5	125	2/10902	2,76
CXI30-24 30x5	30	24	600	30	750	5	125	2/10903	2,96
CXI30-24 36x5	30	24	600	36	900	5	125	2/10904	3,17
CXI45-24 6x5	45	24	600	6	150	5	125	2/14973	2,75
CXI45-24 9x5	45	24	600	9	230	5	125	2/10905	2,88
CXI45-24 12x5	45	24	600	12	300	5	125	2/10906	3,02
CXI45-24 18x5	45	24	600	18	450	5	125	2/10907	3,30
CXI45-24 24x5	45	24	600	24	600	5	125	2/10908	3,57
CXI45-24 30x5	45	24	600	30	750	5	125	2/10909	3,84
CXI45-24 36x5	45	24	600	36	900	5	125	2/10910	4,12
CXI-24 6x5	90	24	600	6	150	5	125	2/14974	4,57
CXI-24 9x5	90	24	600	9	230	5	125	2/10911	4,81
CXI-24 12x5	90	24	600	12	300	5	125	2/10912	5,05
CXI-24 18x5	90	24	600	18	450	5	125	2/10913	5,53
CXI-24 24x5	90	24	600	24	600	5	125	2/10914	6,01
CXI-24 30x5	90	24	600	30	750	5	125	2/10915	6,49
CXI-24 36x5	90	24	600	36	900	5	125	2/10916	6,97
CXI30-36 6x5	30	36	900	6	150	5	125	2/14975	2,65
CXI30-36 9x5	30	36	900	9	230	5	125	2/10917	2,79
CXI30-36 12x5	30	36	900	12	300	5	125	2/10918	2,93
CXI30-36 18x5	30	36	900	18	450	5	125	2/10919	3,20
CXI30-36 24x5	30	36	900	24	600	5	125	2/10920	3,48
CXI30-36 30x5	30	36	900	30	750	5	125	2/10921	3,75
CXI30-36 36x5	30	36	900	36	900	5	125	2/10922	4,03
CXI45-36 6x5	45	36	900	6	150	5	125	2/14976	3,49
CXI45-36 9x5	45	36	900	9	230	5	125	2/10923	3,66
CXI45-36 12x5	45	36	900	12	300	5	125	2/10924	3,83
CXI45-36 18x5	45	36	900	18	450	5	125	2/10925	4,17
CXI45-36 24x5	45	36	900	24	600	5	125	2/10926	4,52
CXI45-36 30x5	45	36	900	30	750	5	125	2/10927	4,86
CXI45-36 36x5	45	36	900	36	900	5	125	2/10928	5,20
CXI-36 6x5	90	36	900	6	150	5	125	2/14977	6,05
CXI-36 9x5	90	36	900	9	230	5	125	2/10929	6,36
CXI-36 12x5	90	36	900	12	300	5	125	2/10930	6,67
CXI-36 18x5	90	36	900	18	450	5	125	2/10931	7,29
CXI-36 24x5	90	36	900	24	600	5	125	2/10932	7,90
CXI-36 30x5	90	36	900	30	750	5	125	2/10933	8,52
CXI-36 36x5	90	36	900	36	900	5	125	2/10934	9,14



CXI 'A' - 'R' 'B'x'H'

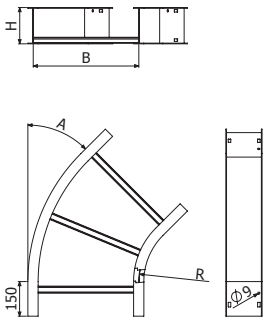
2 x JUI 5 (2/11221)

basor electric

CPI H6

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

	A (º)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPI30-12 9X6	30	12	300	9	230	6	150	2/10593	1,83
CPI30-12 12X6	30	12	300	12	300	6	150	2/10594	1,96
CPI30-12 18X6	30	12	300	18	450	6	150	2/10595	2,22
CPI30-12 24X6	30	12	300	24	600	6	150	2/10596	2,76
CPI30-12 30X6	30	12	300	30	750	6	150	2/10597	3,09
CPI30-12 36X6	30	12	300	36	900	6	150	2/10598	3,42
CPI45-12 9X6	45	12	300	9	230	6	150	2/10599	2,17
CPI45-12 12X6	45	12	300	12	300	6	150	2/10600	2,47
CPI45-12 18X6	45	12	300	18	450	6	150	2/10601	2,86
CPI45-12 24X6	45	12	300	24	600	6	150	2/10602	3,25
CPI45-12 30X6	45	12	300	30	750	6	150	2/10603	3,64
CPI45-12 36X6	45	12	300	36	900	6	150	2/10604	4,45
CPI90-12 9X6	90	12	300	9	230	6	150	2/10605	3,29
CPI90-12 12X6	90	12	300	12	300	6	150	2/10606	3,72
CPI90-12 18X6	90	12	300	18	450	6	150	2/10607	4,37
CPI90-12 24X6	90	12	300	24	600	6	150	2/10608	5,28
CPI90-12 30X6	90	12	300	30	750	6	150	2/10609	6,00
CPI90-12 36X6	90	12	300	36	900	6	150	2/10610	7,12
CPI30-24 9X6	30	24	600	9	230	6	150	2/10611	2,33
CPI30-24 12X6	30	24	600	12	300	6	150	2/10612	2,59
CPI30-24 18X6	30	24	600	18	450	6	150	2/10613	2,92
CPI30-24 24X6	30	24	600	24	600	6	150	2/10614	3,25
CPI30-24 30X6	30	24	600	30	750	6	150	2/10615	3,58
CPI30-24 36X6	30	24	600	36	900	6	150	2/10616	3,91
CPI45-24 9X6	45	24	600	9	230	6	150	2/10617	3,02
CPI45-24 12X6	45	24	600	12	300	6	150	2/10618	3,21
CPI45-24 18X6	45	24	600	18	450	6	150	2/10619	3,60
CPI45-24 24X6	45	24	600	24	600	6	150	2/10620	4,27
CPI45-24 30X6	45	24	600	30	750	6	150	2/10621	4,73
CPI45-24 36X6	45	24	600	36	900	6	150	2/10622	5,19
CPI90-24 9X6	90	24	600	9	230	6	150	2/10623	4,88
CPI90-24 12X6	90	24	600	12	300	6	150	2/10624	5,34
CPI90-24 18X6	90	24	600	18	450	6	150	2/10625	6,06
CPI90-24 24X6	90	24	600	24	600	6	150	2/10626	7,04
CPI90-24 30X6	90	24	600	30	750	6	150	2/10627	7,83
CPI90-24 36X6	90	24	600	36	900	6	150	2/10628	9,02
CPI30-36 9X6	30	36	900	9	230	6	150	2/10629	2,92
CPI30-36 12X6	30	36	900	12	300	6	150	2/10630	3,09
CPI30-36 18X6	30	36	900	18	450	6	150	2/10631	3,42
CPI30-36 24X6	30	36	900	24	600	6	150	2/10632	3,75
CPI30-36 30X6	30	36	900	30	750	6	150	2/10633	4,08
CPI30-36 36X6	30	36	900	36	900	6	150	2/10634	4,82
CPI45-36 9X6	45	36	900	9	230	6	150	2/10635	3,76
CPI45-36 12X6	45	36	900	12	300	6	150	2/10636	4,09
CPI45-36 18X6	45	36	900	18	450	6	150	2/10637	4,55
CPI45-36 24X6	45	36	900	24	600	6	150	2/10638	5,01
CPI45-36 30X6	45	36	900	30	750	6	150	2/10639	5,47
CPI45-36 36X6	45	36	900	36	900	6	150	2/10640	6,34
CPI90-36 9X6	90	36	900	9	230	6	150	2/10641	6,47
CPI90-36 12X6	90	36	900	12	300	6	150	2/10642	6,96
CPI90-36 18X6	90	36	900	18	450	6	150	2/10643	7,75
CPI90-36 24X6	90	36	900	24	600	6	150	2/10644	8,80
CPI90-36 30X6	90	36	900	30	750	6	150	2/10645	9,65
CPI90-36 36X6	90	36	900	36	900	6	150	2/10646	10,92



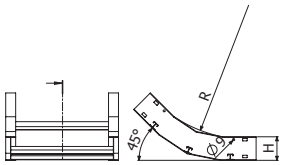
CPI 'A' - 'R' 'B'x'H'

2 x JUI 6 (2/11222)

CCI H6

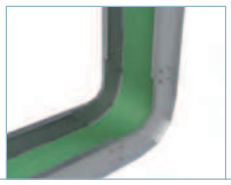
CCI 'A' - 'R' 'B'x'H'

	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	2/10764	2,00
CCI30-12 12X6	30	12	300	12	300	6	150	2/10765	2,10
CCI30-12 18X6	30	12	300	18	450	6	150	2/10766	2,30
CCI30-12 24X6	30	12	300	24	600	6	150	2/10767	2,51
CCI30-12 30X6	30	12	300	30	750	6	150	2/10768	2,72
CCI30-12 36X6	30	12	300	36	900	6	150	2/10769	2,92
CCI45-12 9X6	45	12	300	9	230	6	150	2/10770	2,37
CCI45-12 12X6	45	12	300	12	300	6	150	2/10771	2,47
CCI45-12 18X6	45	12	300	18	450	6	150	2/10772	2,68
CCI45-12 24X6	45	12	300	24	600	6	150	2/10773	2,88
CCI45-12 30X6	45	12	300	30	750	6	150	2/10774	3,09
CCI45-12 36X6	45	12	300	36	900	6	150	2/10775	3,29
CCI90-12 9X6	90	12	300	9	230	6	150	2/10776	3,69
CCI90-12 12X6	90	12	300	12	300	6	150	2/10777	3,86
CCI90-12 18X6	90	12	300	18	450	6	150	2/10778	4,20
CCI90-12 24X6	90	12	300	24	600	6	150	2/10779	4,54
CCI90-12 30X6	90	12	300	30	750	6	150	2/10780	4,89
CCI90-12 36X6	90	12	300	36	900	6	150	2/10781	5,23
CCI30-24 9X6	30	24	600	9	230	6	150	2/10782	2,49
CCI30-24 12X6	30	24	600	12	300	6	150	2/10783	2,59
CCI30-24 18X6	30	24	600	18	450	6	150	2/10784	2,80
CCI30-24 24X6	30	24	600	24	600	6	150	2/10785	3,00
CCI30-24 30X6	30	24	600	30	750	6	150	2/10786	3,21
CCI30-24 36X6	30	24	600	36	900	6	150	2/10787	3,42
CCI45-24 9X6	45	24	600	9	230	6	150	2/10788	3,21
CCI45-24 12X6	45	24	600	12	300	6	150	2/10789	3,35
CCI45-24 18X6	45	24	600	18	450	6	150	2/10790	3,62
CCI45-24 24X6	45	24	600	24	600	6	150	2/10791	3,90
CCI45-24 30X6	45	24	600	30	750	6	150	2/10792	4,17
CCI45-24 36X6	45	24	600	36	900	6	150	2/10793	4,45
CCI90-24 9X6	90	24	600	9	230	6	150	2/10794	5,38
CCI90-24 12X6	90	24	600	12	300	6	150	2/10795	5,62
CCI90-24 18X6	90	24	600	18	450	6	150	2/10796	6,10
CCI90-24 24X6	90	24	600	24	600	6	150	2/10797	6,58
CCI90-24 30X6	90	24	600	30	750	6	150	2/10798	7,06
CCI90-24 36X6	90	24	600	36	900	6	150	2/10799	7,54
CCI30-36 9X6	30	36	900	9	230	6	150	2/10800	3,09
CCI30-36 12X6	30	36	900	12	300	6	150	2/10801	3,23
CCI30-36 18X6	30	36	900	18	450	6	150	2/10802	3,50
CCI30-36 24X6	30	36	900	24	600	6	150	2/10803	3,77
CCI30-36 30X6	30	36	900	30	750	6	150	2/10804	4,05
CCI30-36 36X6	30	36	900	36	900	6	150	2/10805	4,32
CCI45-36 9X6	45	36	900	9	230	6	150	2/10806	4,06
CCI45-36 12X6	45	36	900	12	300	6	150	2/10807	4,23
CCI45-36 18X6	45	36	900	18	450	6	150	2/10808	4,57
CCI45-36 24X6	45	36	900	24	600	6	150	2/10809	4,91
CCI45-36 30X6	45	36	900	30	750	6	150	2/10810	5,26
CCI45-36 36X6	45	36	900	36	900	6	150	2/10811	5,60
CCI90-36 9X6	90	36	900	9	230	6	150	2/10812	7,07
CCI90-36 12X6	90	36	900	12	300	6	150	2/10813	7,37
CCI90-36 18X6	90	36	900	18	450	6	150	2/10814	7,99
CCI90-36 24X6	90	36	900	24	600	6	150	2/10815	8,61
CCI90-36 30X6	90	36	900	30	750	6	150	2/10816	9,23
CCI90-36 36X6	90	36	900	36	900	6	150	2/10817	9,84



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

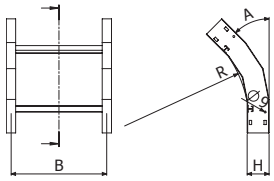
2 x JUI 6 (2/11222)



CXI H6

CXI 'A' - 'R' 'B'x'H'

	A (º)	R		B		H		AL	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXI30-12 9X6	30	12	300	9	230	6	150	2/10935	2,00
CXI30-12 12X6	30	12	300	12	300	6	150	2/10936	2,10
CXI30-12 18X6	30	12	300	18	450	6	150	2/10937	2,30
CXI30-12 24X6	30	12	300	24	600	6	150	2/10938	2,51
CXI30-12 30X6	30	12	300	30	750	6	150	2/10939	2,72
CXI30-12 36X6	30	12	300	36	900	6	150	2/10940	2,92
CXI45-12 9X6	45	12	300	9	230	6	150	2/10941	2,37
CXI45-12 12X6	45	12	300	12	300	6	150	2/10942	2,47
CXI45-12 18X6	45	12	300	18	450	6	150	2/10943	2,68
CXI45-12 24X6	45	12	300	24	600	6	150	2/10944	2,88
CXI45-12 30X6	45	12	300	30	750	6	150	2/10945	3,09
CXI45-12 36X6	45	12	300	36	900	6	150	2/10946	3,29
CXI90-12 9X6	90	12	300	9	230	6	150	2/10947	3,69
CXI90-12 12X6	90	12	300	12	300	6	150	2/10948	3,86
CXI90-12 18X6	90	12	300	18	450	6	150	2/10949	4,20
CXI90-12 24X6	90	12	300	24	600	6	150	2/10950	4,54
CXI90-12 30X6	90	12	300	30	750	6	150	2/10951	4,89
CXI90-12 36X6	90	12	300	36	900	6	150	2/10952	5,23
CXI30-24 9X6	30	24	600	9	230	6	150	2/10953	2,49
CXI30-24 12X6	30	24	600	12	300	6	150	2/10954	2,59
CXI30-24 18X6	30	24	600	18	450	6	150	2/10955	2,80
CXI30-24 24X6	30	24	600	24	600	6	150	2/10956	3,00
CXI30-24 30X6	30	24	600	30	750	6	150	2/10957	3,21
CXI30-24 36X6	30	24	600	36	900	6	150	2/10958	3,42
CXI45-24 9X6	45	24	600	9	230	6	150	2/10959	3,21
CXI45-24 12X6	45	24	600	12	300	6	150	2/10960	3,35
CXI45-24 18X6	45	24	600	18	450	6	150	2/10961	3,62
CXI45-24 24X6	45	24	600	24	600	6	150	2/10962	3,90
CXI45-24 30X6	45	24	600	30	750	6	150	2/10963	4,17
CXI45-24 36X6	45	24	600	36	900	6	150	2/10964	4,45
CXI90-24 9X6	90	24	600	9	230	6	150	2/10965	5,38
CXI90-24 12X6	90	24	600	12	300	6	150	2/10966	5,62
CXI90-24 18X6	90	24	600	18	450	6	150	2/10967	6,10
CXI90-24 24X6	90	24	600	24	600	6	150	2/10968	6,58
CXI90-24 30X6	90	24	600	30	750	6	150	2/10969	7,06
CXI90-24 36X6	90	24	600	36	900	6	150	2/10970	7,54
CXI30-36 9X6	30	36	900	9	230	6	150	2/10971	3,09
CXI30-36 12X6	30	36	900	12	300	6	150	2/10972	3,23
CXI30-36 18X6	30	36	900	18	450	6	150	2/10973	3,50
CXI30-36 24X6	30	36	900	24	600	6	150	2/10974	3,77
CXI30-36 30X6	30	36	900	30	750	6	150	2/10975	4,05
CXI30-36 36X6	30	36	900	36	900	6	150	2/10976	4,32
CXI45-36 9X6	45	36	900	9	230	6	150	2/10977	4,06
CXI45-36 12X6	45	36	900	12	300	6	150	2/10978	4,23
CXI45-36 18X6	45	36	900	18	450	6	150	2/10979	4,57
CXI45-36 24X6	45	36	900	24	600	6	150	2/10980	4,91
CXI45-36 30X6	45	36	900	30	750	6	150	2/10981	5,26
CXI45-36 36X6	45	36	900	36	900	6	150	2/10982	5,60
CXI90-36 9X6	90	36	900	9	230	6	150	2/10983	7,07
CXI90-36 12X6	90	36	900	12	300	6	150	2/10984	7,37
CXI90-36 18X6	90	36	900	18	450	6	150	2/10985	7,99
CXI90-36 24X6	90	36	900	24	600	6	150	2/10986	8,61
CXI90-36 30X6	90	36	900	30	750	6	150	2/10987	9,23
CXI90-36 36X6	90	36	900	36	900	6	150	2/10988	9,84



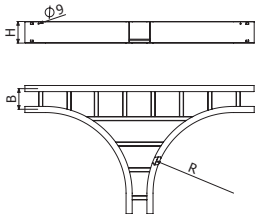
CXI 'A' - 'R' 'B'x'H'

2 x JUI 6 (2/11222)

TEI H4, H5, H6

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	2/10989	4,24
TEI-12 9x4	12	300	9	230	4	100	2/10990	4,61
TEI-12 12x4	12	300	12	300	4	100	2/10991	4,98
TEI-12 18x4	12	300	18	450	4	100	2/10992	5,93
TEI-12 24x4	12	300	24	600	4	100	2/10993	7,02
TEI-12 30x4	12	300	30	750	4	100	2/10994	7,91
TEI-12 36x4	12	300	36	900	4	100	2/10995	9,20
TEI-24 6x4	24	600	6	150	4	100	2/10996	7,09
TEI-24 9x4	24	600	9	230	4	100	2/10997	7,70
TEI-24 12x4	24	600	12	300	4	100	2/10998	8,25
TEI-24 18x4	24	600	18	450	4	100	2/10999	9,54
TEI-24 24x4	24	600	24	600	4	100	2/11000	10,70
TEI-24 30x4	24	600	30	750	4	100	2/11001	12,20
TEI-24 36x4	24	600	36	900	4	100	2/11002	13,84
TEI-36 6x4	36	900	6	150	4	100	2/11003	10,01
TEI-36 9x4	36	900	9	230	4	100	2/11004	10,66
TEI-36 12x4	36	900	12	300	4	100	2/11005	11,45
TEI-36 18x4	36	900	18	450	4	100	2/11006	12,81
TEI-36 24x4	36	900	24	600	4	100	2/11007	14,45
TEI-36 30x4	36	900	30	750	4	100	2/11008	16,22
TEI-36 36x4	36	900	36	900	4	100	2/11009	17,72
TEI-12 6x5	12	300	6	150	5	125	2/14978	4,51
TEI-12 9x5	12	300	9	230	5	125	2/11010	4,89
TEI-12 12x5	12	300	12	300	5	125	2/11011	5,27
TEI-12 18x5	12	300	18	450	5	125	2/11012	6,24
TEI-12 24x5	12	300	24	600	5	125	2/11013	7,35
TEI-12 30x5	12	300	30	750	5	125	2/11014	8,24
TEI-12 36x5	12	300	36	900	5	125	2/11015	9,55
TEI-24 6x5	24	600	6	150	5	125	2/14979	7,53
TEI-24 9x5	24	600	9	230	5	125	2/11016	8,15
TEI-24 12x5	24	600	12	300	5	125	2/11017	8,70
TEI-24 18x5	24	600	18	450	5	125	2/11018	10,01
TEI-24 24x5	24	600	24	600	5	125	2/11019	11,19
TEI-24 30x5	24	600	30	750	5	125	2/11020	12,70
TEI-24 36x5	24	600	36	900	5	125	2/11021	14,36
TEI-36 6x5	36	900	6	150	5	125	2/14980	10,61
TEI-36 9x5	36	900	9	230	5	125	2/11022	11,27
TEI-36 12x5	36	900	12	300	5	125	2/11023	12,06
TEI-36 18x5	36	900	18	450	5	125	2/11024	13,44
TEI-36 24x5	36	900	24	600	5	125	2/11025	15,09
TEI-36 30x5	36	900	30	750	5	125	2/11026	16,88
TEI-36 36x5	36	900	36	900	5	125	2/11027	18,40
TEI-12 9x6	12	300	9	230	6	150	2/11028	5,30
TEI-12 12x6	12	300	12	300	6	150	2/11029	5,69
TEI-12 18x6	12	300	18	450	6	150	2/11030	6,68
TEI-12 24x6	12	300	24	600	6	150	2/11031	7,81
TEI-12 30x6	12	300	30	750	6	150	2/11032	8,73
TEI-12 36x6	12	300	36	900	6	150	2/11033	10,06
TEI-24 9x6	24	600	9	230	6	150	2/11034	8,79
TEI-24 12x6	24	600	12	300	6	150	2/11035	9,35
TEI-24 18x6	24	600	18	450	6	150	2/11036	10,69
TEI-24 24x6	24	600	24	600	6	150	2/11037	11,88
TEI-24 30x6	24	600	30	750	6	150	2/11038	13,42
TEI-24 36x6	24	600	36	900	6	150	2/11039	15,10
TEI-36 9x6	36	900	9	230	6	150	2/11040	12,15
TEI-36 12x6	36	900	12	300	6	150	2/11041	12,95
TEI-36 18x6	36	900	18	450	6	150	2/11042	14,35
TEI-36 24x6	36	900	24	600	6	150	2/11043	16,03
TEI-36 30x6	36	900	30	750	6	150	2/11044	17,84
TEI-36 36x6	36	900	36	900	6	150	2/11045	19,38



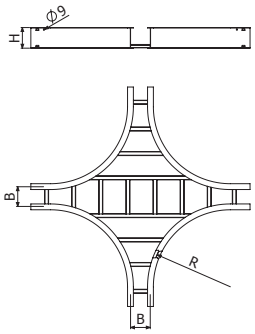
TEI-'R' 'B'x'H'

2 x JUI 4 (2/11220)
2 x JUI 5 (2/11221)
2 x JUI 6 (2/11222)

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	2/11046	5,30
CRI-12 9x4	12	300	9	230	4	100	2/11047	5,64
CRI-12 12x4	12	300	12	300	4	100	2/11048	5,98
CRI-12 18x4	12	300	18	450	4	100	2/11049	6,87
CRI-12 24x4	12	300	24	600	4	100	2/11050	7,90
CRI-12 30x4	12	300	30	750	4	100	2/11051	8,73
CRI-12 36x4	12	300	36	900	4	100	2/11052	9,96
CRI-24 6x4	24	600	6	150	4	100	2/11053	8,46
CRI-24 9x4	24	600	9	230	4	100	2/11054	8,98
CRI-24 12x4	24	600	12	300	4	100	2/11055	9,42
CRI-24 18x4	24	600	18	450	4	100	2/11056	10,52
CRI-24 24x4	24	600	24	600	4	100	2/11057	11,48
CRI-24 30x4	24	600	30	750	4	100	2/11058	12,78
CRI-24 36x4	24	600	36	900	4	100	2/11059	14,23
CRI-36 6x4	36	900	6	150	4	100	2/11060	11,70
CRI-36 9x4	36	900	9	230	4	100	2/11061	12,22
CRI-36 12x4	36	900	12	300	4	100	2/11062	12,87
CRI-36 18x4	36	900	18	450	4	100	2/11063	13,96
CRI-36 24x4	36	900	24	600	4	100	2/11064	15,34
CRI-36 30x4	36	900	30	750	4	100	2/11065	16,84
CRI-36 36x4	36	900	36	900	4	100	2/11066	18,08
CRI-12 6x5	12	300	6	150	5	125	2/14981	5,62
CRI-12 9x5	12	300	9	230	5	125	2/11067	5,97
CRI-12 12x5	12	300	12	300	5	125	2/11068	6,31
CRI-12 18x5	12	300	18	450	5	125	2/11069	7,20
CRI-12 24x5	12	300	24	600	5	125	2/11070	8,23
CRI-12 30x5	12	300	30	750	5	125	2/11071	9,05
CRI-12 36x5	12	300	36	900	5	125	2/11072	10,29
CRI-24 6x5	24	600	6	150	5	125	2/14982	8,99
CRI-24 9x5	24	600	9	230	5	125	2/11073	9,50
CRI-24 12x5	24	600	12	300	5	125	2/11074	9,95
CRI-24 18x5	24	600	18	450	5	125	2/11075	11,05
CRI-24 24x5	24	600	24	600	5	125	2/11076	12,01
CRI-24 30x5	24	600	30	750	5	125	2/11077	13,31
CRI-24 36x5	24	600	36	900	5	125	2/11078	14,75
CRI-36 6x5	36	900	6	150	5	125	2/14983	12,42
CRI-36 9x5	36	900	9	230	5	125	2/11079	12,94
CRI-36 12x5	36	900	12	300	5	125	2/11080	13,59
CRI-36 18x5	36	900	18	450	5	125	2/11081	14,69
CRI-36 24x5	36	900	24	600	5	125	2/11082	16,06
CRI-36 30x5	36	900	30	750	5	125	2/11083	17,57
CRI-36 36x5	36	900	36	900	5	125	2/11084	18,80
CRI-12 9x6	12	300	9	230	6	150	2/11085	6,44
CRI-12 12x6	12	300	12	300	6	150	2/11086	6,78
CRI-12 18x6	12	300	18	450	6	150	2/11087	7,67
CRI-12 24x6	12	300	24	600	6	150	2/11088	8,70
CRI-12 30x6	12	300	30	750	6	150	2/11089	9,52
CRI-12 36x6	12	300	36	900	6	150	2/11090	10,76
CRI-24 9x6	24	600	9	230	6	150	2/11091	10,26
CRI-24 12x6	24	600	12	300	6	150	2/11092	10,71
CRI-24 18x6	24	600	18	450	6	150	2/11093	11,80
CRI-24 24x6	24	600	24	600	6	150	2/11094	12,76
CRI-24 30x6	24	600	30	750	6	150	2/11095	14,07
CRI-24 36x6	24	600	36	900	6	150	2/11096	15,51
CRI-36 9x6	36	900	9	230	6	150	2/11097	13,98
CRI-36 12x6	36	900	12	300	6	150	2/11098	14,64
CRI-36 18x6	36	900	18	450	6	150	2/11099	15,73
CRI-36 24x6	36	900	24	600	6	150	2/11100	17,10
CRI-36 30x6	36	900	30	750	6	150	2/11101	18,61
CRI-36 36x6	36	900	36	900	6	150	2/11102	19,85



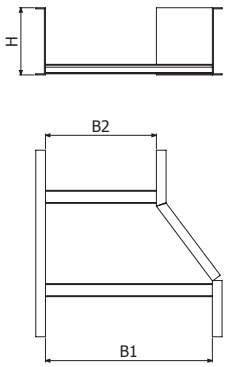
CRI-'R' 'B'x'H'

2 x JUI 4 (2/11220)
2 x JUI 5 (2/11221)
2 x JUI 6 (2/11222)

RII H4, H5, H6

RII 'B1'/'B2'X'H'

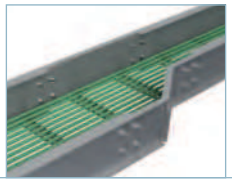
	B1		B2		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RII 9/6x4	9	230	6	150	4	100	2/11103	1,40
RII 12/9x4	12	300	9	230	4	100	2/11104	1,46
RII 12/6x4	12	300	6	150	4	100	2/11105	1,49
RII 18/12x4	18	450	12	300	4	100	2/11106	1,62
RII 18/9x4	18	450	9	230	4	100	2/11107	1,66
RII 18/6x4	18	450	6	150	4	100	2/11108	1,72
RII 24/18x4	24	600	18	450	4	100	2/11109	1,76
RII 24/12x4	24	600	12	300	4	100	2/11110	1,85
RII 24/9x4	24	600	9	230	4	100	2/11111	1,91
RII 30/24x4	30	750	24	600	4	100	2/11112	1,97
RII 30/18x4	30	750	18	450	4	100	2/11113	2,05
RII 30/12x4	30	750	12	300	4	100	2/11114	2,16
RII 36/30x4	36	900	30	750	4	100	2/11115	2,12
RII 36/24x4	36	900	24	600	4	100	2/11116	2,20
RII 36/18x4	36	900	18	450	4	100	2/11117	2,31
RII 9/6x5	9	230	6	150	5	125	2/14984	1,49
RII 12/6x5	12	300	6	230	5	125	2/14985	1,59
RII 12/9x5	12	300	9	230	5	125	2/11118	1,56
RII 18/6x5	18	450	6	150	5	125	2/14986	1,83
RII 18/12x5	18	450	12	300	5	125	2/11119	1,73
RII 18/9x5	18	450	9	230	5	125	2/11120	1,77
RII 24/18x5	24	600	18	450	5	125	2/11121	1,86
RII 24/12x5	24	600	12	300	5	125	2/11122	1,97
RII 24/9x5	24	600	9	230	5	125	2/11123	2,03
RII 30/24x5	30	750	24	600	5	125	2/11124	2,07
RII 30/18x5	30	750	18	450	5	125	2/11125	2,16
RII 30/12x5	30	750	12	300	5	125	2/11126	2,29
RII 36/30x5	36	900	30	750	5	125	2/11127	2,22
RII 36/24x5	36	900	24	600	5	125	2/11128	2,32
RII 36/18x5	36	900	18	450	5	125	2/11129	2,44
RII 12/9x6	12	300	9	230	6	150	2/11130	1,70
RII 18/12x6	18	450	12	300	6	150	2/11131	1,87
RII 18/9x6	18	450	9	230	6	150	2/11132	1,93
RII 24/18x6	24	600	18	450	6	150	2/11133	2,01
RII 24/12x6	24	600	12	300	6	150	2/11134	2,13
RII 24/9x6	24	600	9	230	6	150	2/11135	2,21
RII 30/24x6	30	750	24	600	6	150	2/11136	2,22
RII 30/18x6	30	750	18	450	6	150	2/11137	2,33
RII 30/12x6	30	750	12	300	6	150	2/11138	2,47
RII 36/30x6	36	900	30	750	6	150	2/11139	2,37
RII 36/24x6	36	900	24	600	6	150	2/11140	2,48
RII 36/18x6	36	900	18	450	6	150	2/11141	2,62



RII 'B1'/'B2'X'H'

B2≤B1

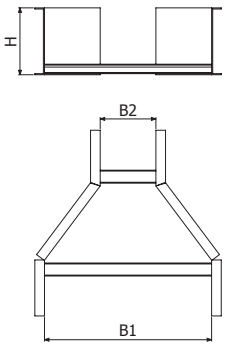
2 x JUI 4 (2/11220)
2 x JUI 5 (2/11221)
2 x JUI 6 (2/11222)



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	2/11142	1,39
RCI 12/9x4	12	300	9	230	4	100	2/11143	1,46
RCI 12/6x4	12	300	6	150	4	100	2/11144	1,46
RCI 18/12x4	18	450	12	300	4	100	2/11145	1,60
RCI 18/9x4	18	450	9	230	4	100	2/11146	1,61
RCI 18/6x4	18	450	6	150	4	100	2/11147	1,64
RCI 24/18x4	24	600	18	450	4	100	2/11148	1,73
RCI 24/12x4	24	600	12	300	4	100	2/11149	1,78
RCI 24/9x4	24	600	9	230	4	100	2/11150	1,82
RCI 30/24x4	30	750	24	600	4	100	2/11151	1,94
RCI 30/18x4	30	750	18	450	4	100	2/11152	1,98
RCI 30/12x4	30	750	12	300	4	100	2/11153	2,05
RCI 36/30x4	36	900	30	750	4	100	2/11154	2,09
RCI 36/24x4	36	900	24	600	4	100	2/11155	2,13
RCI 36/18x4	36	900	18	450	4	100	2/11156	2,20
RCI 9/6x5	9	230	6	150	5	125	2/14987	1,49
RCI 12/9x5	12	300	9	230	5	125	2/11157	1,56
RCI 12/6x5	12	300	6	230	5	125	2/14988	1,56
RCI 18/12x5	18	450	12	300	5	125	2/11158	1,70
RCI 18/9x5	18	450	9	230	5	125	2/11159	1,72
RCI 18/6x5	18	450	6	150	5	125	2/14989	1,75
RCI 24/18x5	24	600	18	450	5	125	2/11160	1,84
RCI 24/12x5	24	600	12	300	5	125	2/11161	1,89
RCI 24/9x5	24	600	9	230	5	125	2/11162	1,93
RCI 30/24x5	30	750	24	600	5	125	2/11163	2,04
RCI 30/18x5	30	750	18	450	5	125	2/11164	2,09
RCI 30/12x5	30	750	12	300	5	125	2/11165	2,17
RCI 36/30x5	36	900	30	750	5	125	2/11166	2,19
RCI 36/24x5	36	900	24	600	5	125	2/11167	2,24
RCI 36/18x5	36	900	18	450	5	125	2/11168	2,33
RCI 12/9x6	12	300	9	230	6	150	2/11169	1,70
RCI 18/12x6	18	450	12	300	6	150	2/11170	1,84
RCI 18/9x6	18	450	9	230	6	150	2/11171	1,87
RCI 24/18x6	24	600	18	450	6	150	2/11172	1,98
RCI 24/12x6	24	600	12	300	6	150	2/11173	2,05
RCI 24/9x6	24	600	9	230	6	150	2/11174	2,10
RCI 30/24x6	30	750	24	600	6	150	2/11175	2,19
RCI 30/18x6	30	750	18	450	6	150	2/11176	2,25
RCI 30/12x6	30	750	12	300	6	150	2/11177	2,35
RCI 36/30x6	36	900	30	750	6	150	2/11178	2,34
RCI 36/24x6	36	900	24	600	6	150	2/11179	2,40
RCI 36/18x6	36	900	18	450	6	150	2/11180	2,50

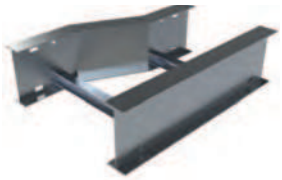


RCI 'B1'/'B2'X'H'

B2≤B1

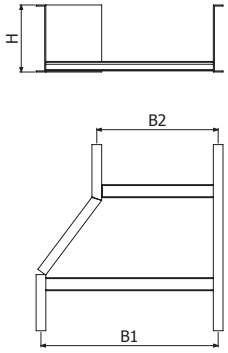
2 x JUI 4 (2/11220)
2 x JUI 5 (2/11221)
2 x JUI 6 (2/11222)

RDI H4, H5, H6



RDI 'B1'/'B2'X'H'

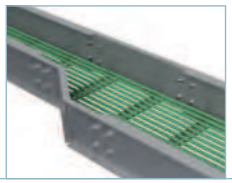
	B1		B2		H		AL	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RDI 9/6x4	9	230	6	150	4	100	2/11181	1,40
RDI 12/9x4	12	300	9	230	4	100	2/11182	1,46
RDI 12/6x4	12	300	6	150	4	100	2/11183	1,49
RDI 18/12x4	18	450	12	300	4	100	2/11184	1,62
RDI 18/9x4	18	450	9	230	4	100	2/11185	1,66
RDI 18/6x4	18	450	6	150	4	100	2/11186	1,72
RDI 24/18x4	24	600	18	450	4	100	2/11187	1,76
RDI 24/12x4	24	600	12	300	4	100	2/11188	1,85
RDI 24/9x4	24	600	9	230	4	100	2/11189	1,91
RDI 30/24x4	30	750	24	600	4	100	2/11190	1,97
RDI 30/18x4	30	750	18	450	4	100	2/11191	2,05
RDI 30/12x4	30	750	12	300	4	100	2/11192	2,16
RDI 36/30x4	36	900	30	750	4	100	2/11193	2,12
RDI 36/24x4	36	900	24	600	4	100	2/11194	2,20
RDI 36/18x4	36	900	18	450	4	100	2/11195	2,31
RDI 9/6x5	9	230	6	150	5	125	2/14990	1,49
RDI 12/9x5	12	300	9	230	5	125	2/11196	1,56
RDI 12/6x5	12	300	6	230	5	125	2/14991	1,59
RDI 18/12x5	18	450	12	300	5	125	2/11197	1,73
RDI 18/9x5	18	450	9	230	5	125	2/11198	1,77
RDI 18/6x5	18	450	6	150	5	125	2/14992	1,83
RDI 24/18x5	24	600	18	450	5	125	2/11199	1,86
RDI 24/12x5	24	600	12	300	5	125	2/11200	1,97
RDI 24/9x5	24	600	9	230	5	125	2/11201	2,03
RDI 30/24x5	30	750	24	600	5	125	2/11202	2,07
RDI 30/18x5	30	750	18	450	5	125	2/11203	2,16
RDI 30/12x5	30	750	12	300	5	125	2/11204	2,29
RDI 36/30x5	36	900	30	750	5	125	2/11205	2,22
RDI 36/24x5	36	900	24	600	5	125	2/11206	2,32
RDI 36/18x5	36	900	18	450	5	125	2/11207	2,44
RDI 12/9x6	12	300	9	230	6	150	2/11208	1,70
RDI 18/12x6	18	450	12	300	6	150	2/11209	1,87
RDI 18/9x6	18	450	9	230	6	150	2/11210	1,93
RDI 24/18x6	24	600	18	450	6	150	2/11211	2,01
RDI 24/12x6	24	600	12	300	6	150	2/11212	2,13
RDI 24/9x6	24	600	9	230	6	150	2/11213	2,21
RDI 30/24x6	30	750	24	600	6	150	2/11214	2,22
RDI 30/18x6	30	750	18	450	6	150	2/11215	2,33
RDI 30/12x6	30	750	12	300	6	150	2/11216	2,47
RDI 36/30x6	36	900	30	750	6	150	2/11217	2,37
RDI 36/24x6	36	900	24	600	6	150	2/11218	2,48
RDI 36/18x6	36	900	18	450	6	150	2/11219	2,62



RDI 'B1'/'B2'X'H'

B2≤B1

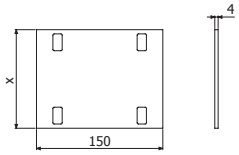
2 x JUI 4 (2/11220)
2 x JUI 5 (2/11221)
2 x JUI 6 (2/11222)



JUI

	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI 4	4	100	95	2/11220	0,28
JUI 5	5	125	117	2/11221	0,37
JUI 6	6	150	147	2/11222	0,46

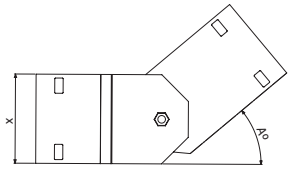
4/100 x B3 i304 (2/12096)



JUI-A

	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI-A 4	4	100	95	2/11223	0,52
JUI-A 5	5	125	117	2/11224	0,68
JUI-A 6	6	150	147	2/11225	0,84

4/100 x B3 i304 (2/12096)

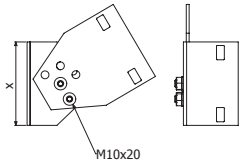


Amáx=75º

JUI-L

	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI-L 4	4	100	95	2/15062	0,29
JUI-L 5	5	125	117	2/15063	0,38
JUI-L 6	6	150	147	2/15064	0,47

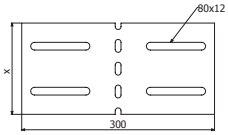
4/100 x B3 i304 (2/12096)



JUI-B

	H		x	AL	
	inch	mm	mm	REF	Kg/ud
JUI-B 4	4	100	95	2/11236	0,35
JUI-B 5	5	125	117	2/11237	0,47
JUI-B 6	6	150	147	2/11238	0,58

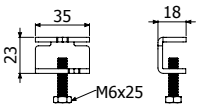
4/100 x B3 i304 (2/12096)

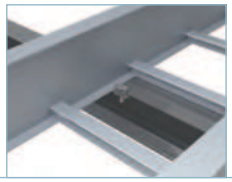


BEV

	H		GC		i304	
	inch	mm	REF	Kg/ud	REF.	kg/ud
BEV	6	150	2/11805	0,07	2/14473	0,05

10

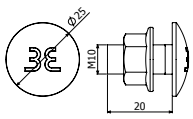




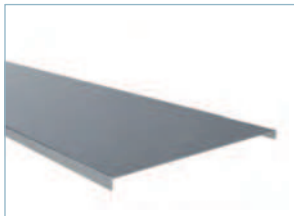
B3

	Pap	i304		i316	
	Nm	REF.	kg/ud	REF.	kg/ud
B3-50	35	2/12096	1,95	2/15575	1,95

15



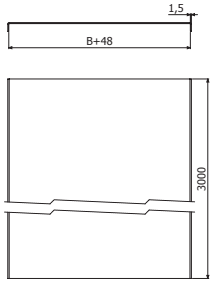
TI



L = 3 m (10 ft)

	B		e	AL	
	inch	mm	mm	REF	Kg/m
TI 6 3M	6	150	1,5	2/12080	1,28
TI 9 3M	9	225	1,5	2/12081	1,68
TI 12 3M	12	300	1,5	2/12082	2,09
TI 18 3M	18	450	1,5	2/12083	2,90
TI 24 3M	24	600	1,5	2/12084	3,71
TI 30 3M	30	750	1,5	2/12085	4,51
TI 36 3M	36	900	1,5	2/12086	5,33

4 x PTI (2/12095) → 1 x TI

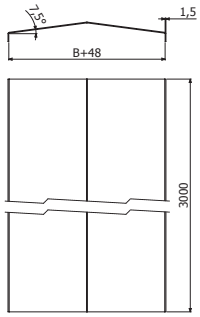


T2AI

L = 3 m (10 ft)

	B		e	AL	
	inch	mm	mm	REF	Kg/m
T2AI 6 3M	6	150	1,5	2/12087	1,33
T2AI 9 3M	9	225	1,5	2/12088	1,94
T2AI 12 3M	12	300	1,5	2/12089	2,55
T2AI 18 3M	18	450	1,5	2/12090	3,78
T2AI 24 3M	24	600	1,5	2/12091	5,00
T2AI 30 3M	30	750	1,5	2/12092	6,23
T2AI 36 3M	36	900	1,5	2/12093	7,46

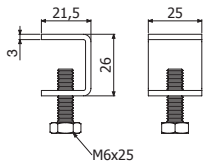
4 x PT2AI (2/12094) → 1 x T2AI



PTI

	Pap	e	AL	
	Nm	mm	REF	Kg/ud
PTI	6	3	2/12095	0,01

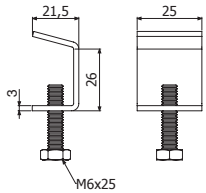
10



PT2AI

	Pap	e	AL	
	Nm	mm	REF	Kg/ud
PT2AI	6	3	2/12094	0,01

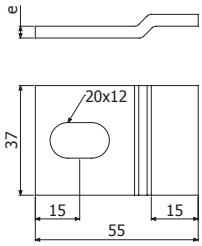
10

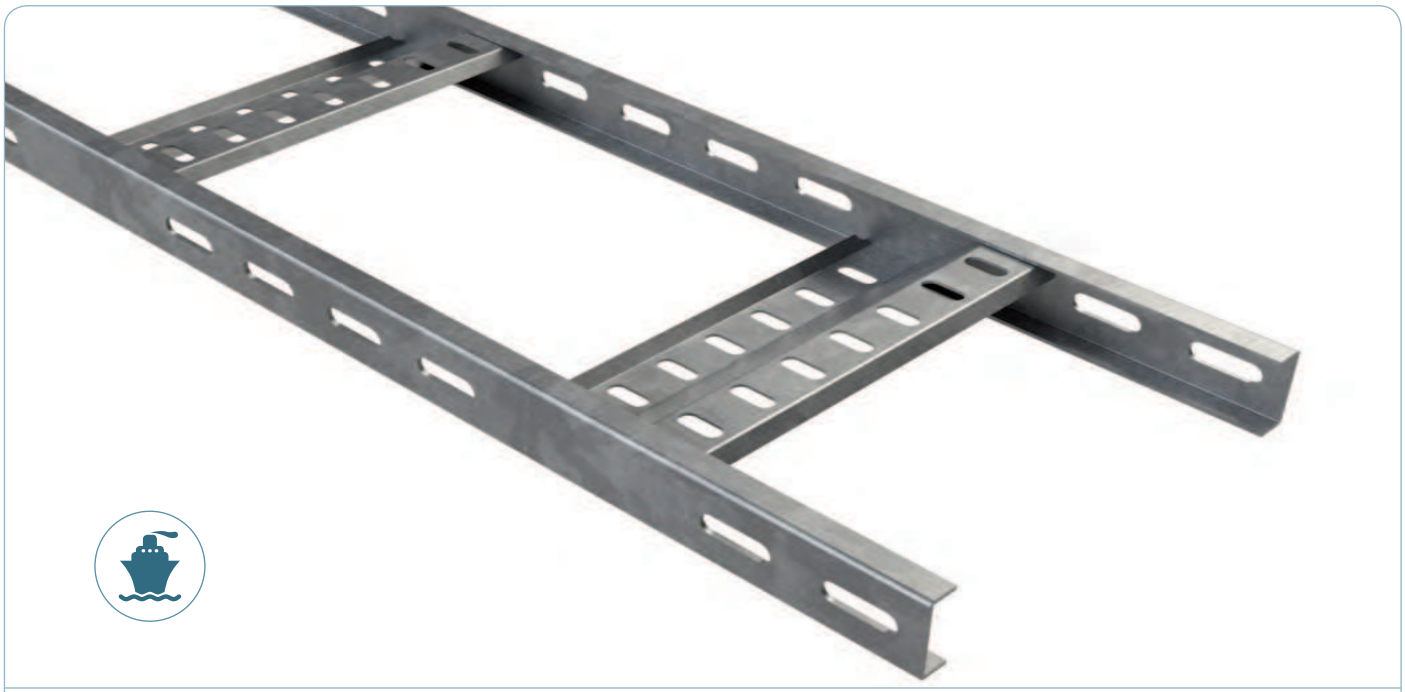


BI

	e	AL	
	mm	REF	Kg/ud
BIS	4	2/14472	0,02
BIR	4	2/15445	0,02

SP/SPD --> DIN933 M10X30 (0/0320 - i304) + TM41 M10 (0/1071 - GC)





L > 100 m *
UNE-EN 61537

M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

UNE-EN 61537

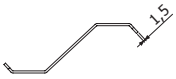
20J
UNE-EN 61537

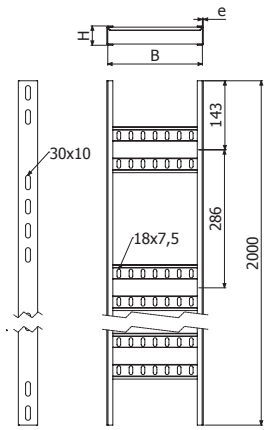
EML

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 9/16"	2	2/11265	2,27
EML 200X40X2 2M	200	8"	40	1 9/16"	2	2/11266	2,74
EML 300X40X2 2M	300	12"	40	1 9/16"	2	2/11267	3,20
EML 400X40X2 2M	400	16"	40	1 9/16"	2	2/11268	3,67
EML 500X40X2 2M	500	20"	40	1 9/16"	2	2/11269	4,15
EML 600X40X2 2M	600	24"	40	1 9/16"	2	2/11270	4,60

2 x JUEML (2/10179 - GS)

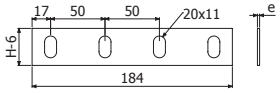




JUEML

	H		e	GS	
	mm	inch	mm	REF.	kg/ud
JUEML	40	1 9/16"	2	2/10179	0,09

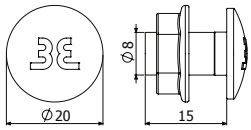
2 x B3 (2/8827 - GC)

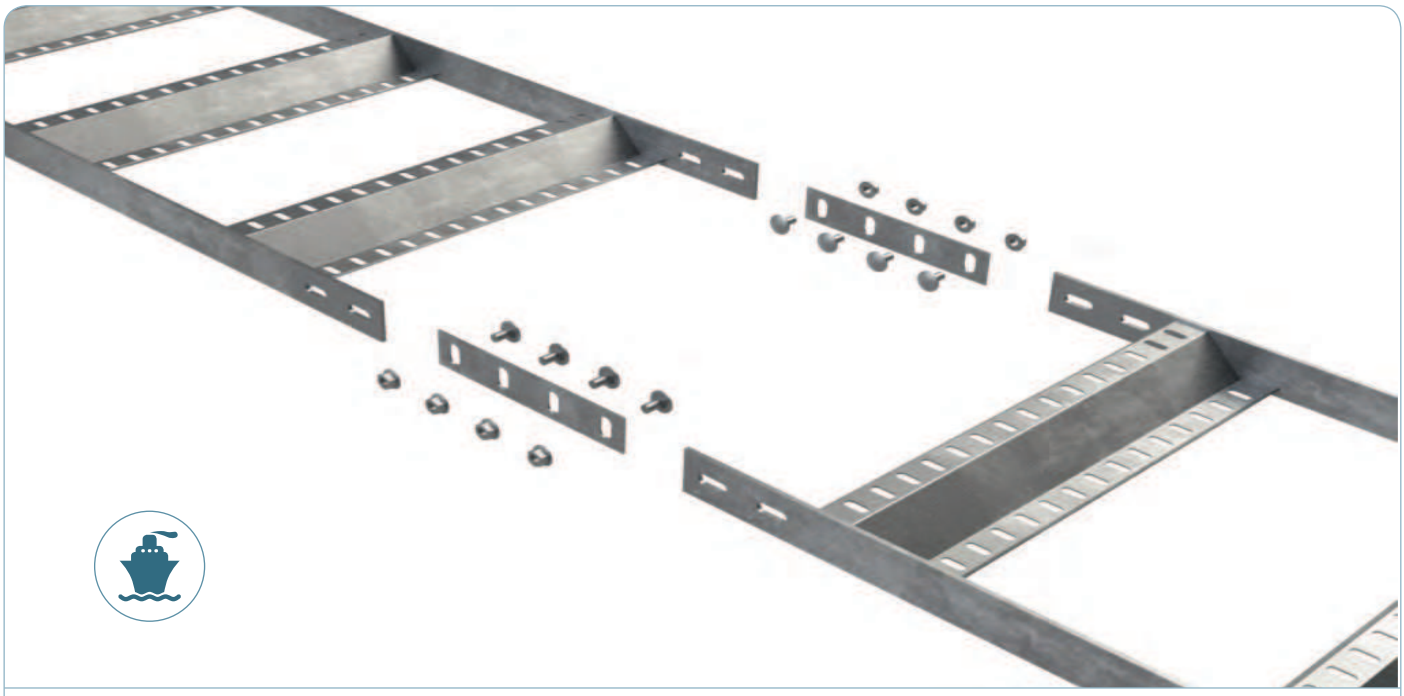


B2

	Pap	GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud
B2-100	15	2/6792	1,83	2/5392	1,71

13





L > 100 m *
UNE-EN 61537

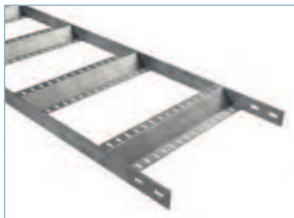
M0
UNE-EN 61537
UNE 23727

150°C
-50°C
UNE-EN 61537

6
UNE-EN 61537

20J
UNE-EN 61537

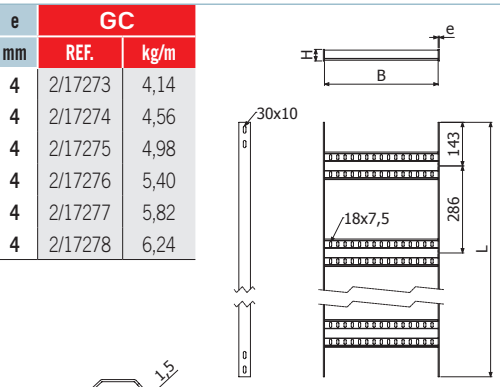
EMS

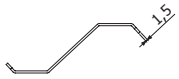


L = 2 m (6,55 ft)

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/m
EMS 100X40X4 2M	100	4"	50	2"	4	2/17273	4,14
EMS 200X40X4 2M	200	8"	50	2"	4	2/17274	4,56
EMS 300X40X4 2M	300	12"	50	2"	4	2/17275	4,98
EMS 400X40X4 2M	400	16"	50	2"	4	2/17276	5,40
EMS 500X40X4 2M	500	20"	50	2"	4	2/17277	5,82
EMS 600X40X4 2M	600	24"	50	2"	4	2/17278	6,24

2 x JUEMS (2/17279 - GS)

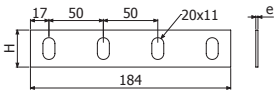




JUEMS

	H		e	GC	
	mm	inch	mm	REF.	kg/ud
JUEMS	50	1 9/16"	3	2/17279	0,13

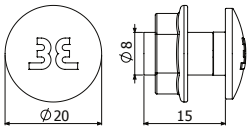
2 x B3 (2/8827 - GC)



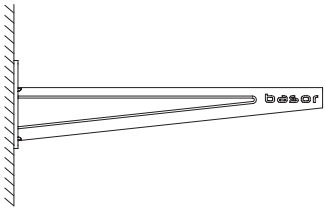
B2

	Pap	GC		i304	
	Nm	REF.	kg/ud	REF.	kg/ud
B2-100	15	2/6792	1,83	2/5392	1,71

13



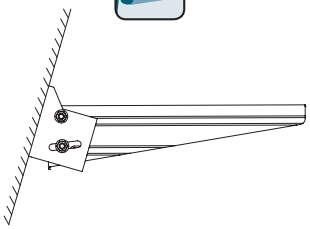
basorsupport



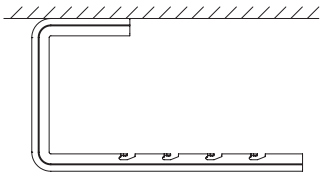
C-SHO	SCR	SRB
 GS GC i304	 GS GC i304	 GS GC
98-45 kg (217-100 lb)	**70-60 kg** (155-133 lb)	**70-60 kg** (155-133 lb)
P. 8	P. 8	P. 8

SHL	SHR	SP2
 GC	 GC	 GC
250-205 kg (550 - 450 lb)	**480 - 265 kg** (1058 - 584 lb)	**165-117 kg** (364-258 lb)
P. 9	P. 9	P. 9

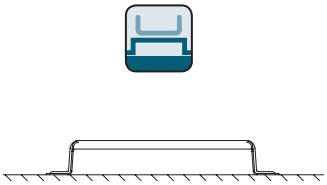
SPD2	SP	SPD	SHST
 GC	 GC	 GC	 GC
380-230 kg (838-508 lb)	**350-200 kg** (772-441 lb)	**500-260 kg** (1103-574 lb)	**150 - 100 kg** (331 - 221 lb)
P. 9	P. 10	P. 10	P. 12



KS + SCR	KS + SRB	KSR + SR
 GS GC	 GS GC	 GC
60-40 kg (133-89 lb)	**60-40 kg** (133-89 lb)	**135-80 kg** (298-177 lb)
P. 8 / 11	P. 8 / 11	P. 11

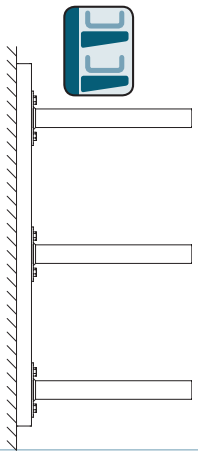


C-SHOT	C-SVO + VR8
 GS GC i304	 GS GC i304
105-37 kg (232-82 lb)	**250-87 kg** (552-192 lb)
P. 14	P. 14



SV	PBF
 GS GC i304	
120-90 kg (265-199 lb)	**220-180 kg** (486-397 lb)
P. 19	P. 19

PBF
250 kg (551 lb)
P. 19



SVP+SP

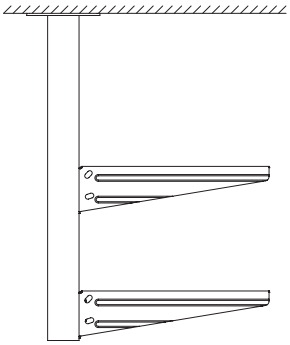
350-200 kg (772-441 lb)

P. 10

I8 + SHV

200 kg (441 lb)

P. 11



C-SHO400+C-SHO

80-39 kg (177-86 lb)

P. 14

SUL+SCR/SRB

315-106 kg (695-234 lb)

P. 15

SU/SUR + SCR/SRB/SHL/SHR

431-160 kg (951-353 lb) / **705-310 kg** (1555-684 lb)

P. 15 / 20

SZ+SCR/SRB

429-167 kg (946-369 lb)

P. 17 / 20

SP3S + SHST

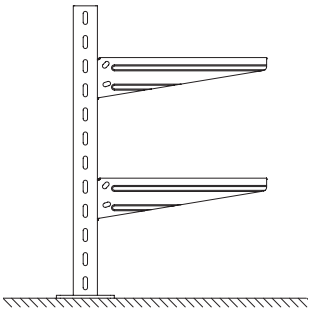
328-98 kg (723-216 lb)

P. 16

SP+SP/SHL

470-170 kg (1037-375 lb)

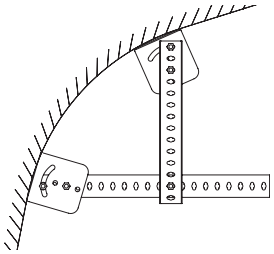
P. 16 / 20

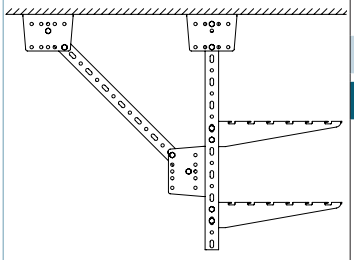


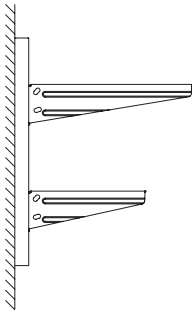
SPD+SP/SHR

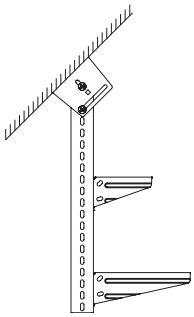
837-313 kg (1846-691 lb)

P. 16 / 20









CT30

P. 23

P. 23

PC

P. 24 / 25

41X41X2-3S + SBL

P. 26

I8

P. 17 / 26 / 27

41/82

UNE-EN 61537
UNE 23727

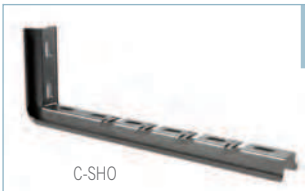
UNE-EN 61537

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-SHO	-	98 (217)	90 (199)	69 (153)	45 (100)	-	-	-	-	-	-
SCR	70 (155)	70 (155)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	-	-
SRB	-	70 (155)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	-	-
SHL	-	205 (450)	205 (450)	205 (450)	250 (550)	250 (550)	250 (550)	250 (550)	-	-	-
SP2	-	165 (364)	-	141 (311)	117 (258)	-	-	-	-	-	-
SPD2	-	380 (838)	-	325 (717)	268 (591)	230 (508)	-	-	-	-	-
SHR	-	-	-	-	480 (1058)	365 (804)	300 (661)	285 (628)	270 (595)	265 (584)	-
SP	-	350 (772)	350 (772)	350 (772)	290 (640)	250 (552)	220 (486)	200 (441)	-	-	-
SPD	-	-	-	-	500 (1103)	500 (1103)	500 (1103)	430 (948)	370 (816)	320 (706)	260 (574)
SP+R450	-	-	-	-	-	724 (1597)	592 (1306)	501 (1105)	434 (957)	383 (845)	310 (684)
SPD+R450	-	-	-	-	-	-	1123 (2476)	950 (2095)	823 (1815)	726 (1601)	588 (1297)
SHST N	-	150 (331)	150 (331)	150 (331)	150 (331)	120 (265)	100 (221)	100 (221)	-	-	-
SVP+SP	-	-	350 (772)	350 (772)	290 (640)	250 (552)	220 (486)	200 (441)	-	-	-
I8+SHV	-	-	-	-	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)	200 (441)	-
KS+SCR/SRB	60 (133)	60 (133)	60 (133)	60 (133)	60 (133)	55 (122)	50 (111)	40 (89)	40 (89)	-	-
KSR+SR	-	-	-	135 (298)	120 (265)	110 (243)	100 (221)	80 (177)	-	-	-

C-SHO



C-SHO

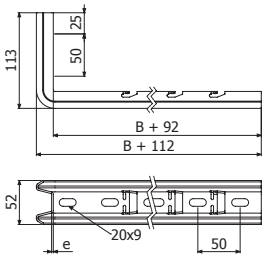
PSHO

	B		e	CTA		GS		GC		e i304	i304	
	mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
C-SHO 100	100	4”	1,5	98	217	2/7230	0,38	2/7239	0,41	1,5	2/7490	0,29
C-SHO 150	150	6”	2	90	199	2/7231	0,43	2/7240	0,47	1,5	2/7491	0,34
C-SHO 200	200	8”	2	69	153	2/7232	0,49	2/7241	0,53	1,5	2/7492	0,40
C-SHO 300	300	12”	2	45	100	2/7233	0,55	2/7242	0,59	1,5	2/7493	0,50
PSHO	-	-	2	-	-	2/6240	-	2/6318	-	-	-	-

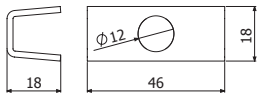
TFSO (2/0894)

B1 (2/4356-EZ / 2/6826-GC)

TFSO



C-SHO



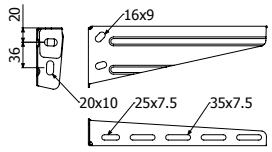
PSHO

SCR

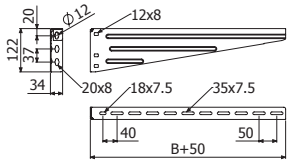
	B		e	CTA		GS		GC		e i304	i304	
	mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
SCR 50	50	2”	1,5	70	155	2/0975	0,19	2/3450	0,20	1,5	2/0994	0,12
SCR 100	100	4”	1,5	70	155	2/0976	0,24	2/0980	0,27	1,5	2/0995	0,22
SCR 150	150	6”	1,5	60	133	2/0977	0,30	2/0981	0,33	1,5	2/0996	0,27
SCR 200	200	8”	1,5	60	133	2/0978	0,38	2/0982	0,42	1,5	2/4691	0,32
SCR 300	300	12”	2	60	133	2/0997	0,66	2/1002	0,68	1,5	2/1020	0,42
SCR 400	400	16”	2	60	133	2/0998	0,83	2/1003	0,85	1,5	2/1021	0,52
SCR 500	500	20”	2	60	133	2/0999	0,95	2/1004	1,03	1,5	2/4464	0,83
SCR 600	600	24”	2	60	133	2/1000	1,11	2/1005	1,20	1,5	2/1022	0,97
SCR 750	750	30”	2	60	133	2/3438	1,50	2/1006	1,81	-	-	-

B1 (2/4356-EZ / 2/6826-GC)

CTBF (2/4362-EZ / 2/7132-GC / 2/4923-i304)



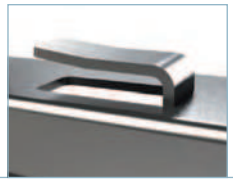
SCR 50/100/200/300/400

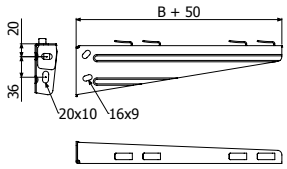


SCR 500/600/750

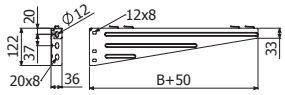
SRB

		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	2/6372	0,25	2/6379	0,27
SRB 150	2	150	6”	1,5	60	133	2/6373	0,26	2/6380	0,29
SRB 200	3	200	8”	1,5	60	133	2/6374	0,38	2/6381	0,42
SRB 300	4	300	12”	2	60	133	2/6375	0,66	2/6382	0,68
SRB 400	4	400	16”	2	60	133	2/6376	0,80	2/6383	0,85
SRB 500	4	500	20”	2	60	133	2/6377	1,01	2/6384	1,09
SRB 600	4	600	24”	2	60	133	2/6378	1,11	2/6385	1,20

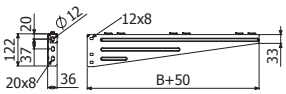




SRB 100/150/200/300/400



SRB 500



SRB 600

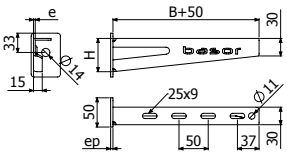
SHL

	B		e	ep	H		CTA		GC		i304		
	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	2/6866	0,33	2/17141	0,30	i316
SHL 150	150	6"	1,5	4	53	2"	205	450	2/6867	0,39	2/17142	0,35	
SHL 200	200	8"	1,5	4	58	2 2/7"	205	450	2/6868	0,51	2/17143	0,46	
SHL 300	300	12"	1,5	6	68	2 2/3"	250	550	2/6869	0,69	2/17144	0,62	
SHL 400	400	16"	1,5	6	79	3 1/9"	250	550	2/6870	0,98	2/17145	0,88	
SHL 500	500	20"	2	6	89	3 1/2"	250	550	2/6871	1,16	2/17146	1,04	
SHL 600	600	24"	2	6	100	4"	250	550	2/6872	1,51	2/17147	1,36	

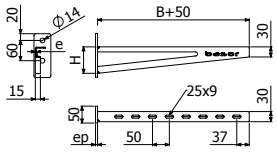
B1 (2/4356-EZ / 2/6826-GC)

CTBF (2/4362-EZ / 2/7132-GC)

BFE (2/0863-GC) + B2 (2/6792-GC)



SHL 100/150/200



SHL 300/400/500/600

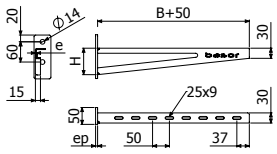
SHR

	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 2/3"	480	1058	2/5525	1,29	i304/i316
SHR 400	400	16"	2,5	6	79	3 1/9"	365	804	2/1023	1,57	
SHR 500	500	20"	2,5	6	89	3 1/2"	300	661	2/1024	1,86	
SHR 600	600	24"	2,5	6	100	4"	285	628	2/1025	2,15	
SHR 700	700	28"	2,5	6	110	4 1/3"	270	595	2/1026	2,43	
SHR 800	800	32"	2,5	6	120	4 /5/7"	265	584	2/1027	2,72	

B1 (2/4356-EZ / 2/6826-GC)

CTBF (2/4362-EZ / 2/7132-GC)

BFE (2/0863-GC) + B2 (2/6792-GC)



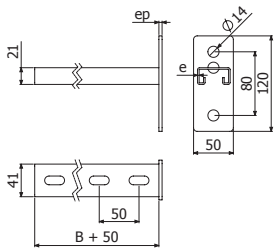
SP2

	B		e	ep	CTA		GC	
	mm	inch	mm	mm	kg	lb	REF.	kg/ud
SP2 100	100	4"	2	4	165	364	2/8778	0,53
SP2 200	200	8"	2	4	141	311	2/8779	0,61
SP2 300	300	12"	2	4	117	258	2/8780	0,88

B1 (2/4356-EZ / 2/6826-GC) + DIN9021 M6 (2/7023-EZ / 2/7022-i304)

CFBFR41 (2/10284)

DIN933 M8x25 (0/0318-i304) + TAD M8 (0/0494-EZ)

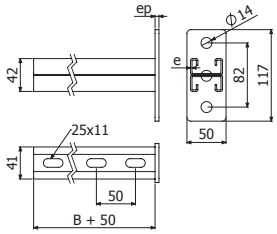


SPD2

	B		e	ep	CTA		GC	
	mm	inch	mm	mm	kg	lb	REF.	kg/ud
SPD2 100	100	4"	2	4	380	838	-	0,74
SPD2 200	200	8"	2	4	325	717	2/8781	1,07
SPD2 300	300	12"	2	4	265	591	2/8782	1,40
SPD2 400	400	16"	2	4	230	508	2/8783	1,73

CFBFR41 (2/10284)

DIN933 M8x25 (0/0318-i304) + TAD M8 (0/0494-EZ) + BFE (2/0863-GC)



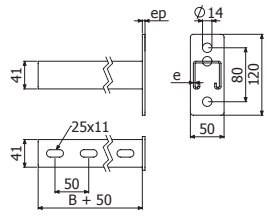
SP

	B		e	ep	SP		SP+REF		GC	
	mm	inch	mm	mm	kg	lb	kg	lb	REF.	kg/ud
SP 100	100	4"	2,5	4	350	772	-	-	2/6495	0,58
SP 150	150	6"	2,5	4	350	772	-	-	2/4939	0,71
SP 200	200	8"	2,5	4	350	772	-	-	2/4733	0,84
SP 300	300	12"	2,5	4	290	640	-	-	2/4734	1,11
SP 400	400	16"	2,5	4	250	552	724	1597	2/1036	1,38
SP 500	500	20"	2,5	4	220	486	592	1306	2/1037	1,64
SP 600	600	24"	2,5	6	200	441	501	1105	2/4938	1,91
SP 700	700	28"	2,5	6	-	-	434	957	-	2,35
SP 800	800	32"	2,5	6	-	-	383	845	2/1038	2,44
SP 1000	1000	40"	2,5	6	-	-	310	684	2/5086	3,06
R450	450	18"	-	8	-	-	-	-	2/7325	3,39

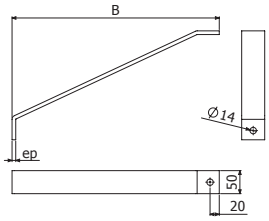
ISO7380 M6x25 (0/1064-EZ / 2/9995-00880-i304) + TM41 M6 (0/0427-EZ / 2/8225-GC)

CFBFR41 (2/10284) / ISO7380 M6x25 (0/1064-EZ / 2/9995-00880-i304) + SSC (2/2064-EZ / 2/0363-GC) + TM41 M6 (0/0427-EZ / 2/8225-GC)

DIN933 M10x30 (0/0320-i304) + BFE M10 (2/0864-GC) + TM41 M10 (0/1071-GC)



SP



R450

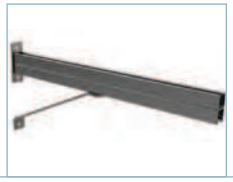
SPD

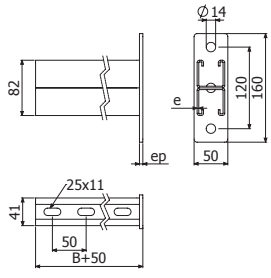
	B		e	ep	SPD		SPD+REF		GC	
	mm	inch	mm	mm	kg	lb	kg	lb	REF.	kg/ud
SPD 300	300	12"	2,5	8	500	1103	-	-	2/6251	2,12
SPD 400	400	16"	2,5	8	500	1103	-	-	2/6250	2,65
SPD 500	500	20"	2,5	8	500	1103	1123	2476	2/6272	3,18
SPD 600	600	24"	2,5	8	430	948	950	2095	2/5621	3,71
SPD 700	700	28"	2,5	8	370	816	823	1815	2/6273	4,24
SPD 800	800	32"	2,5	8	320	706	726	1601	2/6274	4,77
SPD 1000	1000	40"	2,5	8	260	574	588	1297	2/4641	5,84
SPD 1500	1500	60"	2,5	8	-	-	275	606	2/4642	8,73
R450	450	18"	-	8	-	-	-	-	2/7325	3,39

ISO7380 M6x25 (0/1064-EZ / 2/9995-00880-i304) + TM41 M6 (0/0427-EZ / 2/8225-GC)

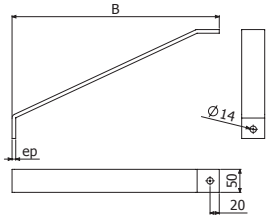
CFBFR41 (2/10284) / ISO7380 M6x25 (0/1064-EZ / 2/9995-00880-i304) + SSC (2/2064-EZ / 2/0363-GC) + TM41 M6 (0/0427-EZ / 2/8225-GC)

DIN933 M10x30 (0/0320-i304) + BFE M10 (2/0864-GC) + TM41 M10 (0/1071-GC)





SPD

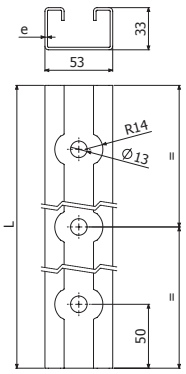


R450

SVP

		e	L		Mmax	GC	
		mm	mm	inch	kg/m	REF.	kg/ud
SVP 500	2	2	500	20"	40,9	2/3633	1,26
SVP 700	3	2	700	28"	40,9	2/5953	1,76
SVP 800	3	2	800	32"	40,9	2/4958	1,98
SVP 1000	3	2	1000	40"	40,9	2/6340	2,50

SHL/SHR/SP/SPD + DIN933 M10x30 (0/0320-i304) + TM41 M10 (0/1071-GC)



I8 + SHV + BI8


SHV


I8


BI8

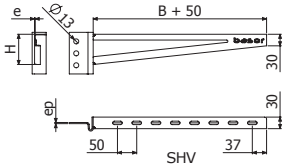
	L	B	BRD P	e	ep	H		CTA		GC	
	mm	inch	n	mm	mm	mm	inch	kg	lb	REF.	kg/ud
I8 600	600	24"	3	-	-	-	-	-	-	2/6345	3,49
I8 1000	1000	40"	3	-	-	-	-	-	-	2/6346	5,81
I8 1300	1300	51" 1/6	4	-	-	-	-	-	-	2/6347	6,55
I8 1500	1500	59"	5	-	-	-	-	-	-	2/6348	7,55
I8 2000	2000	78" 3/4	6	-	-	-	-	-	-	2/6349	11,62
I8 3000	3000	118" 1/9	8	-	-	-	-	-	-	2/6350	17,43
SHV 200	200	8"	-	2,5	3	58	2 2/7	200	441	2/6058	0,99
SHV 300	300	12"	-	2,5	3	68	2 2/3	200	441	2/6271	1,28
SHV 400	400	16"	-	2,5	3	79	3 1/9	200	441	2/6259	1,58
SHV 500	500	20"	-	2,5	3	89	3 1/2	200	441	2/6057	1,88
SHV 600	600	24"	-	2,5	3	100	4	200	441	2/6275	2,17
SHV 700	700	28"	-	2,5	3	110	4 1/3	200	441	2/6276	2,47
SHV 800	800	32"	-	2,5	3	120	4 5/7	200	441	2/6277	2,77
BI8	-	-	-	-	-	-	-	-	-	2/6342	0,19

SHV + 2 x DIN 933 M10x30 (0/0320) + 2 x DIN 934 M10 (0/0343)

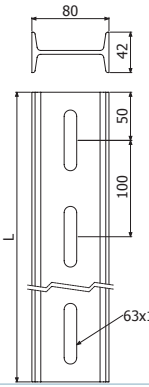
B1 (2/4356-EZ / 2/6826-GC)

CTBF (2/4362-EZ / 2/7132-GC)

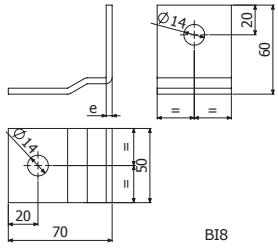
BFE (2/0863-GC) + B2 (2/6792-GC)



SHV



I8



BI8

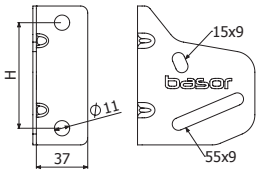
KS


KS


KS + SCR

	H		GS		GC		i304
	mm	inch	REF.	kg/ud	REF.	kg/ud	
KS 50_400	76	3"	2/7211	0,22	2/7215	0,23	
KS 500_750	94	3 5/7"	2/6289	0,44	2/5881	0,44	

SCR / SRB + 2/100 B2 (2/6792-GC / 2/4926-EZ)



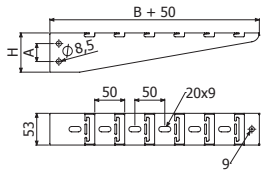
KSR + C-SR


KSR+C-SR

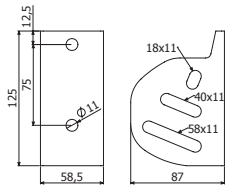

KSR

	B		e	H		A		CTA		GC		i304/i316
	mm	inch	mm	mm	inch	mm	inch	kg	lb	REF.	kg/ud	
C-SR 200	200	8"	1,5	67	2 2/3"	30	1 1/6"	102	225	2/3460	0,61	
C-SR 300	300	12"	1,5	67	2 2/3"	30	1 1/6"	90	198	2/1032	0,83	
C-SR 400	400	16"	1,5	100	4"	60	2 1/3"	159	351	2/1033	1,22	
C-SR 500	500	20"	1,5	100	4"	60	2 1/3"	134	295	2/1034	1,48	
C-SR 600	600	24"	1,5	100	4"	60	2 1/3"	117	258	2/1035	1,84	
KSR	-	-	2	-	-	-	-	-	-	2/6828	0,35	

KSR→ 1 x CT2 M8X75 (2/6793) + 2/100 B2 (2/6792-GC)



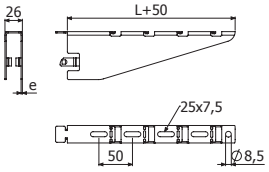
C-SR



KSR

SHST

	L		e	CTA		GS		GC	
	mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud
SHST 100	100	4"	1,5	150	331	2/14489	0,20	2/14496	0,22
SHST 150	150	6"	1,5	150	331	2/14490	0,26	2/14497	0,29
SHST 200	200	8"	1,5	150	331	2/14491	0,31	2/14498	0,34
SHST 300	300	12"	2	150	331	2/14492	0,42	2/14499	0,45
SHST 400	400	16"	2	120	265	2/14493	0,54	2/14500	0,58
SHST 500	500	20"	2	100	221	2/14494	0,65	2/14501	0,70
SHST 600	600	24"	2	100	221	2/14495	0,76	2/14502	0,82



B1 (2/4356-EZ / 2/6826-GC)

SP3S + SHST

SU + SHST

basor electric

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)	-	105 (232)	75 (166)	70 (155)	37 (82)	-	-	-	-	-	-
C-SVO + 2 VR8 (3 6 9A)	-	250 (552)	200 (441)	294 (649)	235 (519)	161 (355)	115 (254)	87 (192)	-	-	-
C-SHO 400 (3 6 9A)	80 (177)	69 (153)	58 (128)	50 (111)	39 (86)	-	-	-	-	-	-
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)	431 (951)	431 (951)	368 (812)	321 (708)	255 (563)	212 (468)	182 (402)	160 (353)	-	-	-
SUR (7)	-	-	-	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)	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)
SPD (6)	837 (1846)	837 (1846)	748 (1650)	675 (1489)	566 (1248)	487 (1074)	428 (944)	381 (840)	344 (759)	313 (691)	-
SPD + R450 (6)	-	-	-	-	810 (1786)	630 (1389)	515 (1136)	436 (962)	378 (834)	333 (735)	270 (596)

C-SHOT

C-SHOT

PSHO

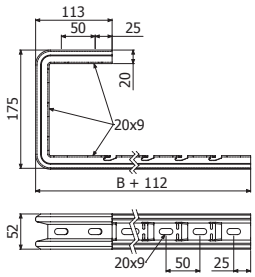
	B		CTA		e	GS		GC		e	i304	
	mm	inch	(kg)	lb	mm	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
C-SHOT 100	**100**	4”	**105**	232	**1,5**	2/7235	0,48	2/7244	0,52	1,5	2/7495	0,48
C-SHOT 150	**150**	6”	**75**	166	**2**	2/7236	0,52	2/7245	0,55	1,5	2/7496	0,52
C-SHOT 200	**200**	8”	**70**	155	**2**	2/7237	0,58	2/7246	0,62	1,5	2/7497	0,58
C-SHOT 300	**300**	12”	**37**	82	**2**	2/7238	0,70	2/7247	0,75	1,5	2/7498	0,70
PSHO	-	-	-		**2**	2/6240	0,03	2/6318	0,04	-	-	-

TFSO (2/0894)

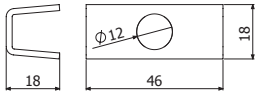
1 PSHO (2/6240-GS / 2/6318-GC)

B1 (2/4356-EZ / 2/6826-GC)

TFSO



C-SHOT



PSHO

C-SVO

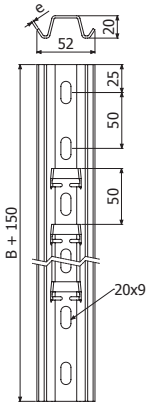
	B		e	CTA		GS		GC		e	i304	
	mm	inch	mm	(kg)	lb	REF.	kg/ud	REF.	kg/ud	mm	REF.	kg/ud
C-SVO 100	**100**	4”	**1,5**	**250**	552	2/3630	0,24	2/6280	0,25	1,5	2/6285	0,24
C-SVO 150	**150**	6”	**1,5**	**200**	441	2/1073	0,31	2/1078	0,32	1,5	2/1087	0,31
C-SVO 200	**200**	8”	**2**	**294**	649	2/1074	0,37	2/1079	0,39	1,5	2/1088	0,37
C-SVO 300	**300**	12”	**2**	**235**	519	2/1076	0,43	2/1081	0,45	1,5	2/1090	0,48
C-SVO 400	**400**	16”	**2**	**161**	355	2/3629	0,55	2/5719	0,57	1,5	2/6286	0,76
C-SVO 500	**500**	20”	**2**	**115**	254	2/1077	0,67	2/1082	0,69	1,5	2/6287	1,04
C-SVO 600	**600**	24”	**2**	**87**	192	2/5941	0,79	2/5720	0,81	1,5	2/6288	1,31

TFSO (2/0894)

2 x DIN976 M8x1000 (2/3397-EZ) + 4/100 x DIN6923 M8 (0/0338-EZ)

B1 (2/4356-EZ / 2/6826-GC)

TFSO



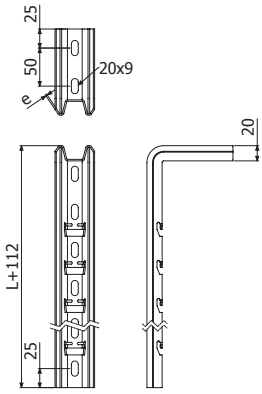
C-SHO

C-SHO 400

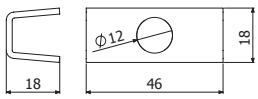
	L		e	Fmáx	Mmáx	Cd	GS		GC		i304		
	mm	inch	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud	
C-SHO 400	**400**	16”	**2**	147	6,8	1,91	2/7234	0,66	2/7243	0,71	2/7494	0,66	i316
PSHO	-	-	**2**	-	-	-	2/6240	0,03	2/6318	0,03	-	-	

1 SHO + 2/100 B2 (2/6792-GC / 2/4926-EZ)

PSHO



C-SHO



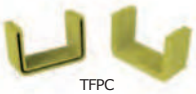
PSHO

SUL

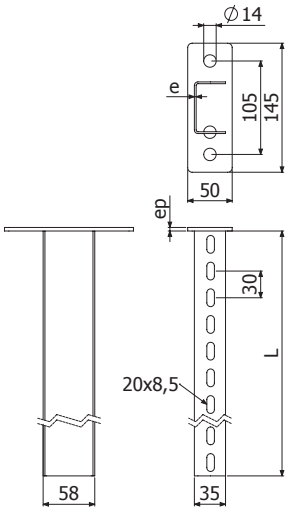
	L		e	ep	Fmáx	Mmáx	GC	
	mm	inch	mm	mm	kg	kg·m	REF.	kg/ud
SUL 210	210	8 1/4"	2	4	383	34,44	2/4518	0,57
SUL 300	300	12"	2	4	383	34,44	2/4519	0,75
SUL 600	600	24"	2	4	383	34,44	2/7280	1,37

TFPC PVC (2/14809)

SCR/SRB/SPL/SHL + 2/100 x B2 (2/6792-GC)



TFPC



SU

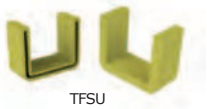
SU

	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	
SU 400	400	16"	2,5	6	656	51,55	0,191	2/7142	1,19	2/17148	1,13	
SU 600	600	24"	2,5	6	656	51,55	0,287	2/7143	1,64	2/17149	1,56	
SU 800	800	32"	2,5	6	656	51,55	0,398	2/7144	2,09	2/17150	1,99	

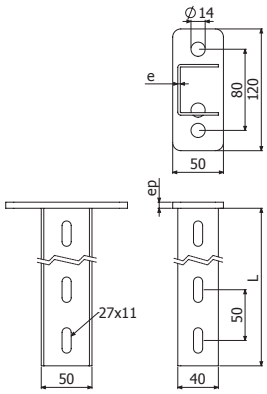
TFSU PVC (2/12114)

SCR/SRB/SHL/SHR + 2/100 x B2 (2/6792-GC)

SHST



TFSU



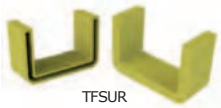
SUR

SUR

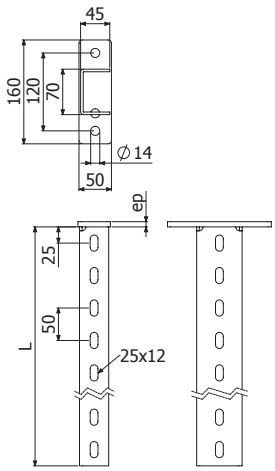
	L		e	ep	Fmáx	Mmáx	Cd	GC		i304	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud
SUR 600	600	24"	4	8	1100	145	0,080	2/7487	3,33	2/17151	3,23
SUR 800	800	32"	4	8	1100	145	0,131	2/7488	4,28	2/17152	4,15
SUR 1000	1000	40"	4	8	1100	145	0,204	2/7489	5,22	2/17153	5,06

TFSUR PVC (2/14254)

SHL/SHR/SP/SPD + 2/50 B3 (2/8827-GC)



TFSUR



SP3S

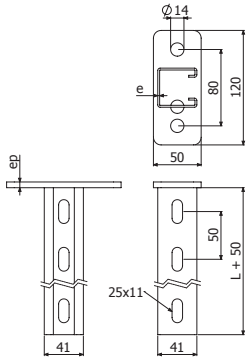
SP3S

	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SP3S 400	**400**	16"	**2**	**4**	600	32	0,249	2/17308	1,07
SP3S 500	**500**	20"	**2**	**4**	600	32	0,312	2/17309	1,27
SP3S 600	**600**	24"	**2**	**6**	600	32	0,405	2/17310	1,47
SP3S 800	**800**	32"	**2**	**6**	600	32	0,561	2/17311	1,87

TF41 PVC (2/5627)

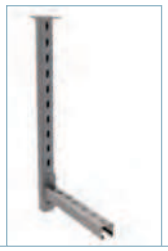
SHST

TF41



SP

SP



	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SP 300	**300**	12"	**2,5**	**4**	725	55,15	0,142	2/4734	1,11
SP 400	**400**	16"	**2,5**	**4**	725	55,15	0,203	2/1036	1,38
SP 500	**500**	20"	**2,5**	**4**	725	55,15	0,265	2/1037	1,64
SP 600	**600**	24"	**2,5**	**6**	725	55,15	0,326	2/4938	1,91
SP 800	**800**	32"	**2,5**	**6**	725	55,15	0,509	2/1038	2,44

TF41 PVC (2/5627)

TF41

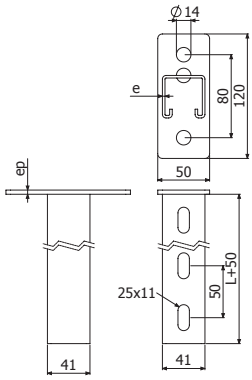
SCR/SRB + 2 x TEP M10x30 (0/0907-EZ)

SHL/SP/SHR + 2/100 x DIN933 M10X30 (0/0320-i304)
+ 2/100 x TM41 M10 (0/1071-GC / 0/0970-i316)

SCR/SRB + 2/100 x B2 (2/6792-GC)

SPL/SHL/SP + 2/50 x B3 (2/8827-GC)

SHST



SPD

SPD

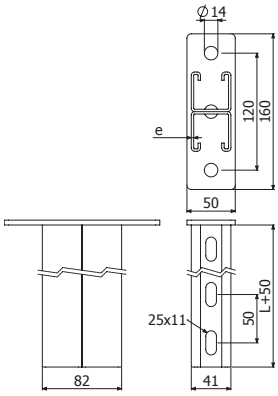
	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SPD 500	**500**	20"	**2,5**	**8**	1100	133	0,147	2/6272	3,18
SPD 600	**600**	24"	**2,5**	**8**	1100	133	0,179	2/5621	3,71
SPD 700	**700**	28"	**2,5**	**8**	1100	133	0,211	2/6273	4,24
SPD 800	**800**	32"	**2,5**	**8**	1100	133	0,263	2/6274	4,77
SPD 1000	**1000**	40"	**2,5**	**8**	1100	133	0,316	2/4641	5,84

TF41 PVC (2/5627)

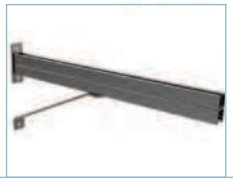
SCR/SRB + 2/100 TEP M10x30 (0/0907-EZ)

SHL/SHR/SP/SPD + 2/100 DIN933 M10x30 (0/0320-i304)
+ 2/100 x TM41 M10 (0/1071-GC / 0/0970-i316)

TF41



R450



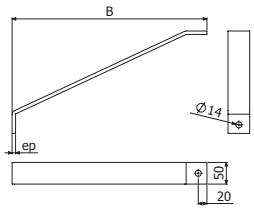
	L		e	GC	
	mm	inch	mm	REF.	kg/ud
R450	450	18"	8	2/7325	1,77

SU + 1/100 x DIN933 M8x20 (0/0318-i304) + 1/100 x DIN6923 M8 (0/0348-i304)

SP + 1/50 x B3 (2/8827-GC)

SPD + 1/100 x DIN933 M10x30 (0/0320-i304) + 1/100 x TM41 M10 (0/1071-GC)

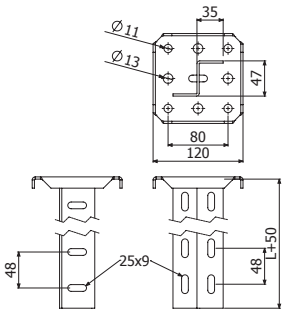
SUR + 1/50 x B3 (2/8827-GC)



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	2/1069	1,22
SZ 400	400	16"	3	556	54,1	0,259	2/1070	1,45
SZ 500	500	20"	3	556	54,1	0,345	2/1071	1,69
SZ 600	600	24"	3	556	54,1	0,483	2/1072	1,95

SCR/SRB/SPL/SHL + 2/100 x B2 (2/6792-GC)

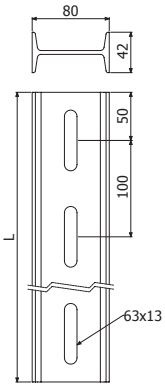


KI8 + I8

KI8+I8

	L		Fmáx	Mmáx	Cd	GC	
	mm	inch	kg	kg·m	mm/kg·m	REF.	kg/ud
I8 600	600	24"	1337	165	0,069	2/6345	3,49
I8 1000	1000	39 3/8"	1337	165	0,092	2/6346	5,81
I8 1300	1300	51 1/6"	1337	165	0,117	2/6347	7,55
I8 1500	1500	59"	1337	165	0,138	2/6348	7,55
I8 2000	2000	78 3/4"	1337	165	0,172	2/6349	11,62
I8 3000	3000	118 1/9"	1337	165	0,275	2/6350	17,43
KI8	-	-	-	-	-	2/6056	1,77
TFI8 PVC (2/6947)							

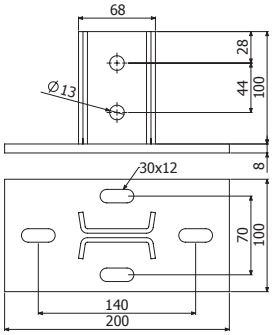
SHV + 2/100 x DIN 933 M12x35 (0/0609-i304) + 2/100 x DIN 934 M12 (0/0347-i304)



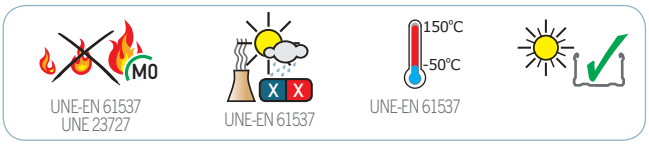
I8

KI8

TFI8



KI8



CTA kg (lb)

	B mm (inch)						
	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	500 (20")	600 (24")
SV  3 6 9A	**276** (609)	**260** (573)	**253** (558)	**207** (456)	**506** (1116)	**460** (1014)	**414** (912)
PBF  3 6 9A	**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	**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)
SZ  6	**267** (589)	**232** (512)	**205** (452)	**166** (366)	**140** (309)	**121** (267)	**106** (234)
SU  6	**431** (951)	**368** (812)	**321** (708)	**255** (563)	**212** (468)	**182** (402)	**160** (353)
SPD  6	**748** (1650)	**748** (1650)	**675** (1489)	**566** (1248)	**487** (1074)	**428** (944)	**381** (840)

SV

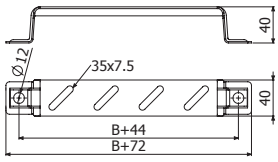
SV 100/150/200/300

SV 400/500/600

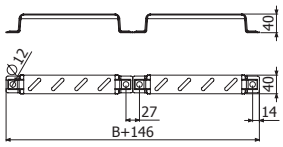
	B		e	CTA		GS		GC		i304	
	mm	inch	mm	kg	lb	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
SV 100	100	4"	1,5	276	609	2/1046	0,09	2/1050	0,10	2/1062	0,09
SV 150	150	6"	1,5	260	573	2/1047	0,12	2/1051	0,13	2/1063	0,12
SV 200	200	8"	1,5	253	558	2/1048	0,17	2/1052	0,19	2/1064	0,16
SV 300	300	12"	1,5	207	456	2/1049	0,23	2/1053	0,25	2/1065	0,20
SV 400	400	16"	1,5	506	1116	2/3413	0,45	2/3418	0,48	-	-
SV 500	500	20"	1,5	460	1014	2/3414	0,52	2/3419	0,56	-	-
SV 600	600	24"	1,5	414	912	2/3415	0,59	2/3420	0,64	-	-

B1 (2/4356-EZ / 2/6826-GC)

CTBF (2/4362-EZ / 2/7132-GC)



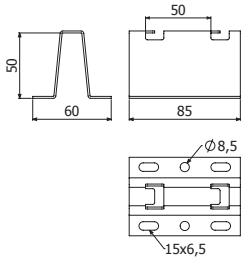
SVO 100/150/200/300



SVO 400/500/600

PBF

	e	CTA		GS		GC		i304	
	mm	kg	lb	REF.	kg/ud	REF.	kg/m	REF.	kg/ud
PBF	1,5	250	551	2/5590	0,13	2/4397	0,13	2/8777	0,14



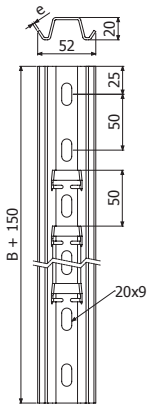
SFS + C-SVO

C-SVO

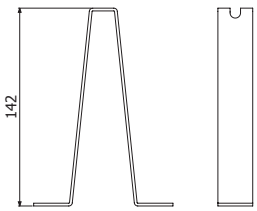
2 SFS+C-SVO

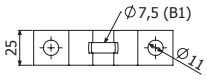
	e	CTA		B		GS		GC	
	mm	kg	lb	mm	inch	REF.	kg/ud	REF.	kg/ud
C-SVO 100	1,5	176	388	100	4"	2/3630	0,24	2/6280	0,25
C-SVO 150	1,5	176	388	150	6"	2/1073	0,31	2/1078	0,32
C-SVO 200	2	176	388	200	8"	2/1074	0,37	2/1079	0,39
C-SVO 300	2	176	388	300	12"	2/1076	0,43	2/1081	0,45
C-SVO 400	2	161	354	400	16"	2/3629	0,55	2/5719	0,57
C-SVO 500	2	115	253	500	20"	2/1077	0,67	2/1082	0,69
C-SVO 600	2	87	191	600	24"	2/5941	0,79	2/5720	0,81
SFS	2	-	-	-	-	2/5602	0,13		

2/100 x B1 (2/4356 EZ)



C-SVO





SFS

SP

	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SP 300	300	12”	2,5	4	725	55,15	0,142	2/4734	1,11
SP 400	400	16”	2,5	4	725	55,15	0,203	2/1036	1,38
SP 500	500	20”	2,5	4	725	55,15	0,265	2/1037	1,64
SP 600	600	24”	2,5	6	725	55,15	0,326	2/4938	1,91
SP 800	800	32”	2,5	6	725	55,15	0,509	2/1038	2,44

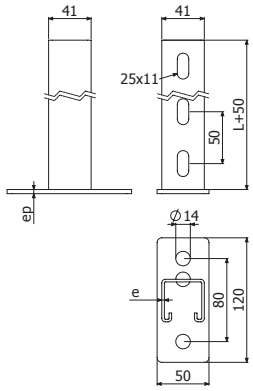
SCR/SRB → 2 x TEP M10x30 (0/0907-EZ)

SHL/SP/SHR + 2/100 x DIN933 M10X30 (0/0320-i304) + 2/100 x TM41 M10 (0/1071-GC / 0/0970-i316)

SCR/SRB → 2/100 x B2 (2/6792-GC)

SPL/SHL/SP + 2/50 x B3 (2/8827-GC)

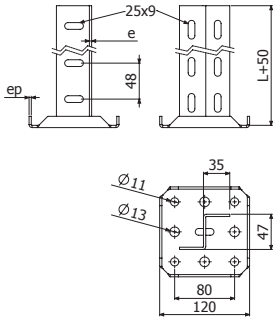
SHST



SZ

	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m		REF.	kg/ud
SZ 300	300	12”	3	3	556	54,1	0,224	2/1069	1,22
SZ 400	400	16”	3	3	556	54,1	0,259	2/1070	1,45
SZ 500	500	20”	3	3	556	54,1	0,345	2/1071	1,69
SZ 600	600	24”	3	3	556	54,1	0,483	2/1072	1,95

SCR/SRB/SPL/SHL → 2/100 x B2 (2/6792-GC)



SU

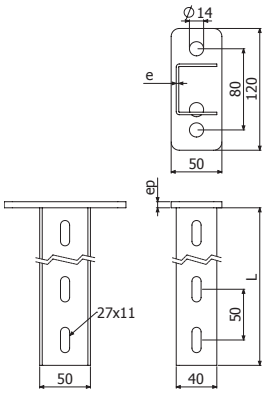
SU

TFSU

	L		e	ep	Fmáx	Mmáx	Cd	GC		i304	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud	REF.	kg/ud
SU 400	400	16”	2,5	6	656	51,55	0,191	2/7142	1,19	2/17148	1,13
SU 600	600	24”	2,5	6	656	51,55	0,287	2/7143	1,64	2/17149	1,56
SU 800	800	32”	2,5	6	656	51,55	0,398	2/7144	2,09	2/17150	1,99
TFSU PVC	(2/12114)										

SCR/SRB/SHL/SHR → 2/100 x B2 (2/6792-GC)

SHST

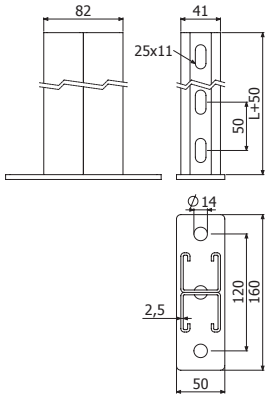


SPD

	L		e	ep	Fmáx	Mmáx	Cd	GC	
	mm	inch	mm	mm	kg	kg·m	mm/kg·m	REF.	kg/ud
SPD 500	500	20”	2,5	8	1100	133	0,147	2/6272	3,18
SPD 600	600	24”	2,5	8	1100	133	0,179	2/5621	3,71
SPD 700	700	28”	2,5	8	1100	133	0,211	2/6273	4,24
SPD 800	800	32”	2,5	8	1100	133	0,263	2/6274	4,77
SPD 1000	1000	40”	2,5	8	1100	133	0,316	2/4641	5,84

SCR/SRB + 2/100 TEP M10x30 (0/0907-EZ)

SHL/SHR/SP/SPD + 2/100 DIN933 M10x30 (0/0320-i304) + 2/100 x TM41 M10 (0/1071-GC / 0/0970-i316)



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	-	-	-	102 (225)	90 (198)	159 (351)	134 (295)	117 (258)	-	-
PC+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)	-	-
KLPC2+PC (SCR/SRB) GC	150 (331)	120 (265)	100 (221)	86 (190)	67 (148)	55 (121)	46 (101)	40 (88)	-	-
KPC+C-PC (C-SR) GS	191 (421)	156 (344)	132 (291)	114 (251)	90 (198)	74 (163)	63 (139)	55 (121)	-	-
KPC+2 x PC (C-SR) GS	260 (573)	221 (487)	192 (423)	170 (375)	138 (304)	117 (258)	101 (223)	89 (196)	-	-
KPC2+PC (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)

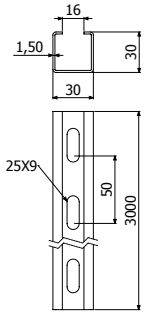
CTA kg (lb)

	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)	-	-
KLPC2+PC (SCR/SRB) GC 	150 (331)	120 (265)	100 (220)	86 (190)	67 (148)	55 (121)	46 (101)	40 (82)	-	-
KAPC+PC (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	2/6784	1,08	2/6785	1,19

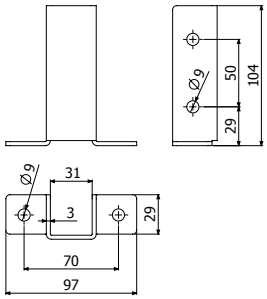
SCR / SRB



KCT30

	Fmáx	Mmáx	GS		GC	
	ud	kg	REF.	kg/ud	REF.	kg/ud
KCT30	500	19,5	2/7071	0,08	2/7070	0,08

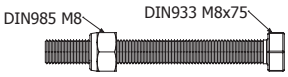
2 x CT2 M8X75 (2/6793 - EZ)



CT2

	GS		i304	
	REF.	kg/ud	REF.	kg/ud
CT2 M8X75	2/6793	0,04	2/14307	0,04

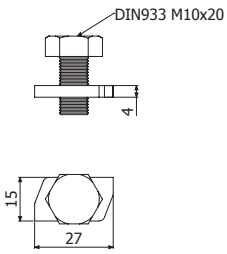
13



CT4

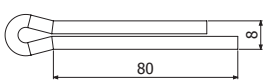
	GS	
	REF.	kg/ud
CT4-100 M10X20	2/7074	0,04

17



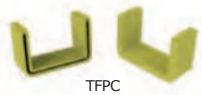
DIN94

	GS	
	REF.	kg/ud
DIN94 M8X80	2/7297	0,04



C-PC

C-PC



TFPC

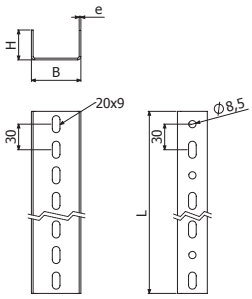
	B		H		L		e	GS		i304	
	mm	inch	mm	inch	mm	inch	mm	REF.	kg/__	REF.	kg/__
C-PC 300	**58**	2 2/7"	**35**	1 3/8"	300	12"	**2**	2/3485	0,57 kg/ud	2/5701	0,57 kg/ud
C-PC 600	**58**	2 2/7"	**35**	1 3/8"	600	24"	**2**	3/4504	1,13 kg/ud	-	1,13 kg/ud
C-PC 3000	**58**	2 2/7"	**35**	1 3/8"	3000	10ft	**2**	2/7269	1,87 kg/m	-	1,87 kg/m

TFPC PVC (2/14809)

C-PC + KPC/KAPC --> 2 x CT2 (2/6793 - GS // 2/14307 - i304)

C-PC + KLPC/KLPC2 --> 2 x B2 (2/6792 - GC // 2/5392 - i304)

C-SR

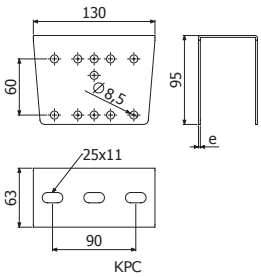


C-PC

KPC

	e	GS	
	mm	REF.	kg/ud
KPC	**2**	2/7270	0,45

C-PC ---> KLPC: 2/100 x B2 (2/4926 EZ)

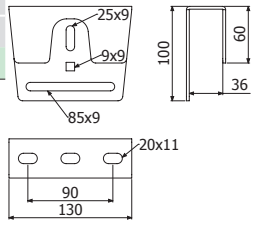


KPC

KLPC

	e	GS		GC		i304	
	mm	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
KLPC	**3**	2/6786	0,55	2/6787	0,56	2/1121	0,55

C-PC ---> KLPC: 2/100 x B2 (2/4926 EZ)



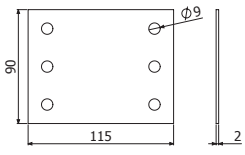
PDPC

	GS	
	REF.	kg/__
PDPC	2/7281	0,16 Kg/ud

C-PC ---> C-PC: CT2

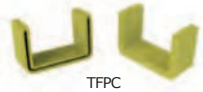
C-PC ---> KLPC : 2/100 x B2 (2/4926 EZ)

C-SR



PDPC

PC



TFPC

PC+TFPC

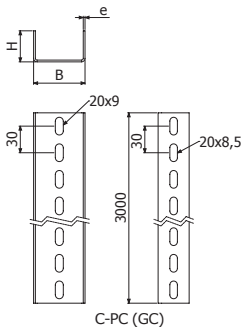
	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/__
PC	**58**	2 2/7"	**35**	1 3/8"	**2**	2/0229	1,84 kg/m

TFPC PVC (2/14809)

C-PC + KAPC --> 2 x CT2 (2/14307 - i304)

C-PC + KLPC2 --> 2 x B2 (2/6792 - GC)

C-SR

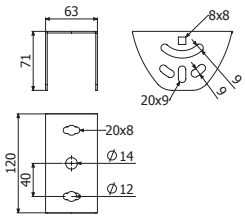


C-PC (GC)

KAPC

	e	GS		GC	
	mm	REF.	kg/ud	REF.	kg/ud
KAPC	**2**	2/1116	0,28 kg/ud	2/1117	0,29

PC/C-PC + KPC/KAPC --> 2 x CT2 (2/6793 - GS // 2/14307 - i304)

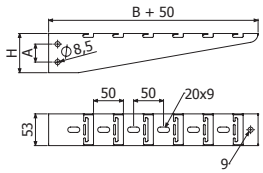


C-SR

C-SR

	B		e	H		A		CTA		GS		GC	
	mm	inch	mm	mm	inch	mm	inch	kg	lb	REF.	kg/ud	REF.	kg/ud
C-SR 200	**200**	8"	**1,5**	**67**	2 2/3"	**30**	1 1/6"	**102**	225	2/7264	0,36	2/3460	0,61
C-SR 300	**300**	12"	**1,5**	**67**	2 2/3"	**30**	1 1/6"	**90**	198	2/7265	0,49	2/1032	0,83
C-SR 400	**400**	16"	**1,5**	**100**	4"	**60**	2 1/3"	**159**	351	2/7266	0,81	2/1033	1,22
C-SR 500	**500**	20"	**1,5**	**100**	4"	**60**	2 1/3"	**134**	295	2/7267	0,97	2/1034	1,48
C-SR 600	**600**	24"	**1,5**	**100**	4"	**60**	2 1/3"	**117**	258	2/7268	1,14	2/1035	1,84

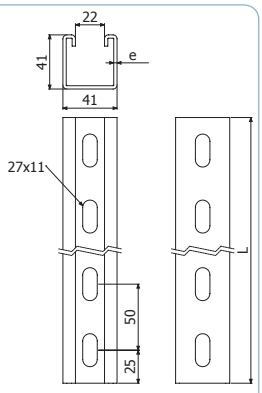
C-SR --> C-PC: 2/100 x CT2



41X41X2-3S

L = 3 m (10 ft)

	e	GS		GC	
	mm	REF.	kg/m	REF.	kg/m
41X41X2-3S	2	2/17313	2,02	2/17312	2,217

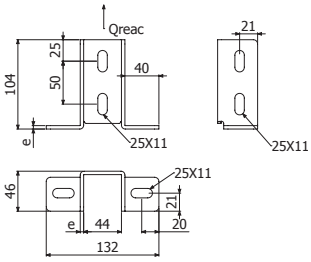


SBL41

	Qreac	Pap	e	GS		e	GC	
	kg	N·m	mm	REF.	kg/m	mm	REF.	kg/ud
SBL41	600	40	3	2/7058	0,40	4	2/6472	0,44

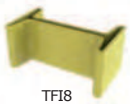
2 x DIN933 M10X30 (0/0320) + 2 x TM41 M10 (0/107)

2/50 x B3 (2/8827)



I8

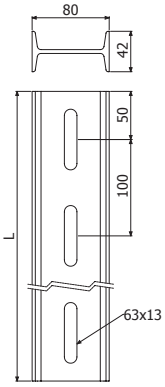
I8 3M



TFI8

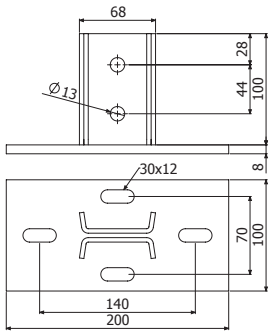
	L		GC	
	m	ft	REF.	kg/ud
I8 3M	3	10	2/6350	17,43
TFI8 PVC (2/6947)				

KI8 + 4/50 x B3 (2/8827-GC)



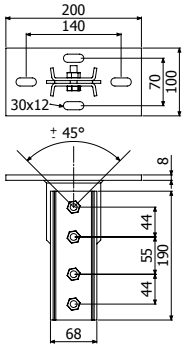
KI8

	GC	
	REF.	kg/ud
KI8	2/6056	1,77



KAI8

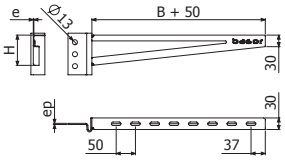
	GC	
	REF.	kg/ud
KAI8	2/7052	2,48



SHV

	B		e	ep	GC	
	mm	inch	mm	mm	REF.	kg/ud
SHV 200	200	8"	2,5	3	2/6058	0,99
SHV 300	300	12"	2,5	3	2/6271	1,28
SHV 400	400	16"	2,5	3	2/6259	1,58
SHV 500	500	20"	2,5	3	2/6057	1,88
SHV 600	600	24"	2,5	3	2/6275	2,17
SHV 700	700	28"	2,5	3	2/6276	2,47
SHV 800	800	32"	2,5	3	2/6277	2,77
CT1-100 M10X30 (I304)	-	-	-	-	2/6320	0,19

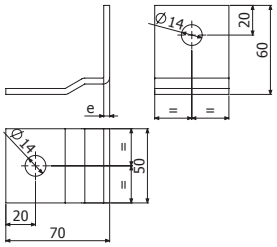
SHV → I8: 2/100 x CT1 M10X30 (2/6320 - i304)



BI8

	GC	
	REF.	kg/ud
BI8	2/6342	0,19

2 x DIN 933 M10x30 (0/0320) + 2 x DIN 934 M10 (0/0343)



basorplast

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

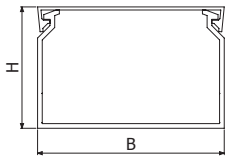

TFMCB


CDMCB

		Filling Area									
B		H 10 (2/5")		H 17 (2/3")		H 25 (1")		H 40 (1 4/7")		H 60 (2 3/8")	
mm	inch	cm^2	in^2	cm^2	in^2	cm^2	in^2	cm^2	in^2	cm^2	in^2
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

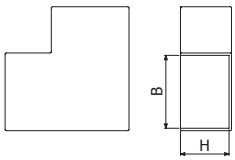
MCB

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
MCB 10x22	10	2/5"	22	6/7"	2/8317	0,11
MCB 17x25	17	2/3"	25	1"	2/8318	0,15
MCB 17x40	17	2/3"	40	1 4/7"	2/8319	0,26
MCB 17x40-2	17	2/3"	40	1 4/7"	2/8320	0,28
MCB 25x40	25	1"	40	1 4/7"	2/8321	0,30
MCB 40x40	40	1 4/7"	40	1 4/7"	2/8322	0,39
MCB 40x60	40	1 4/7"	60	2 3/8"	2/8323	0,48
MCB 60x60	60	2 3/8"	60	2 3/8"	2/8324	0,69

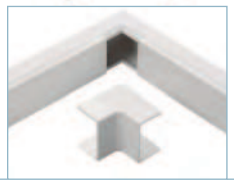


CPMCB

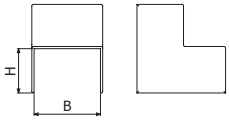
	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CPMCB 10x22	10	2/5"	22	6/7"	2/1132	0,01
CPMCB 17x25	17	2/3"	25	1"	2/1133	0,01
CPMCB 17x40	17	2/3"	40	1 4/7"	2/1134	0,02
CPMCB 25x40	25	1"	40	1 4/7"	2/1135	0,02
CPMCB 40x40	40	1 4/7"	40	1 4/7"	2/1136	0,02
CPMCB 40x60	40	1 4/7"	60	2 3/8"	2/1137	0,02
CPMCB 60x60	60	2 3/8"	60	2 3/8"	2/1138	0,10



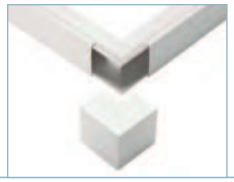
CCMCB



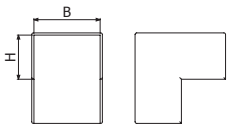
	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CCMCB 10x22	10	2/5"	22	6/7"	2/1139	0,01
CCMCB 17x25	17	2/3"	25	1"	2/1140	0,01
CCMCB 17x40	17	2/3"	40	1 4/7"	2/1141	0,02
CCMCB 25x40	25	1"	40	1 4/7"	2/1142	0,02
CCMCB 40x40	40	1 4/7"	40	1 4/7"	2/1143	0,02
CCMCB 40x60	40	1 4/7"	60	2 3/8"	2/1144	0,02
CCMCB 60x60	60	2 3/8"	60	2 3/8"	2/1145	0,10



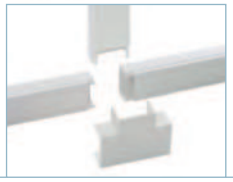
CXMCB



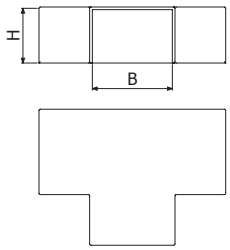
	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CXMCB 10x22	10	2/5"	22	6/7"	2/1146	0,01
CXMCB 17x25	17	2/3"	25	1"	2/1147	0,01
CXMCB 17x40	17	2/3"	40	1 4/7"	2/1148	0,02
CXMCB 25x40	25	1"	40	1 4/7"	2/1149	0,02
CXMCB 40x40	40	1 4/7"	40	1 4/7"	2/1150	0,02
CXMCB 40x60	40	1 4/7"	60	2 3/8"	2/1151	0,02
CXMCB 60x60	60	2 3/8"	60	2 3/8"	2/1152	0,10



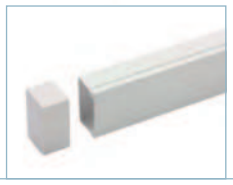
TEMCB



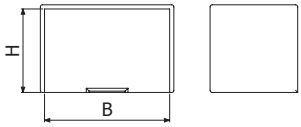
	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
TEMCB 10x22	10	2/5"	22	6/7"	2/8303	0,01
TEMCB 17x25	17	2/3"	25	1"	2/8304	0,01
TEMCB 17x40	17	2/3"	40	1 4/7"	2/8305	0,02
TEMCB 25x40	25	1"	40	1 4/7"	2/8306	0,02
TEMCB 40x40	40	1 4/7"	40	1 4/7"	2/8307	0,02
TEMCB 40x60	40	1 4/7"	60	2 3/8"	2/8308	0,02
TEMCB 60x60	60	2 3/8"	60	2 3/8"	2/8309	0,07



TFMCB

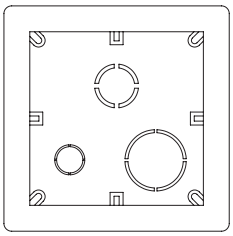


	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
TFMCB 10x22	10	2/5"	22	6/7"	2/8310	0,01
TFMCB 17x25	17	2/3"	25	1"	2/8311	0,01
TFMCB 17x40	17	2/3"	40	1 4/7"	2/8312	0,01
TFMCB 25x40	25	1"	40	1 4/7"	2/8313	0,02
TFMCB 40x40	40	1 4/7"	40	1 4/7"	2/8314	0,02
TFMCB 40x60	40	1 4/7"	60	2 3/8"	2/8315	0,02
TFMCB 60x60	60	2 3/8"	60	2 3/8"	2/8316	0,02



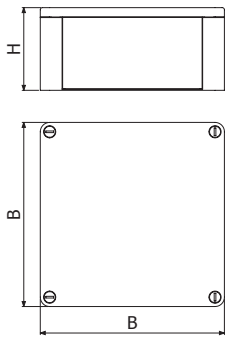
CMMCB

	PVCM1	
	REF.	kg/ud
CMMCB 60x67	2/1153	0,16

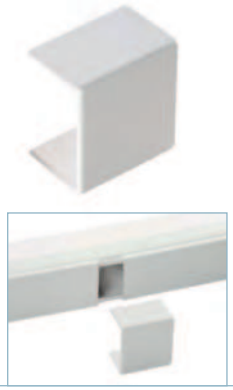


CDMCB

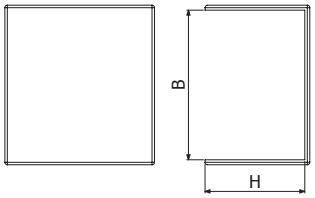
	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CDMCB 70X70X28	28	1"	70	2 3/4"	2/1154	0,05
CDMCB 165x165x75	75	3"	165	6 1/2"	2/7201	0,46



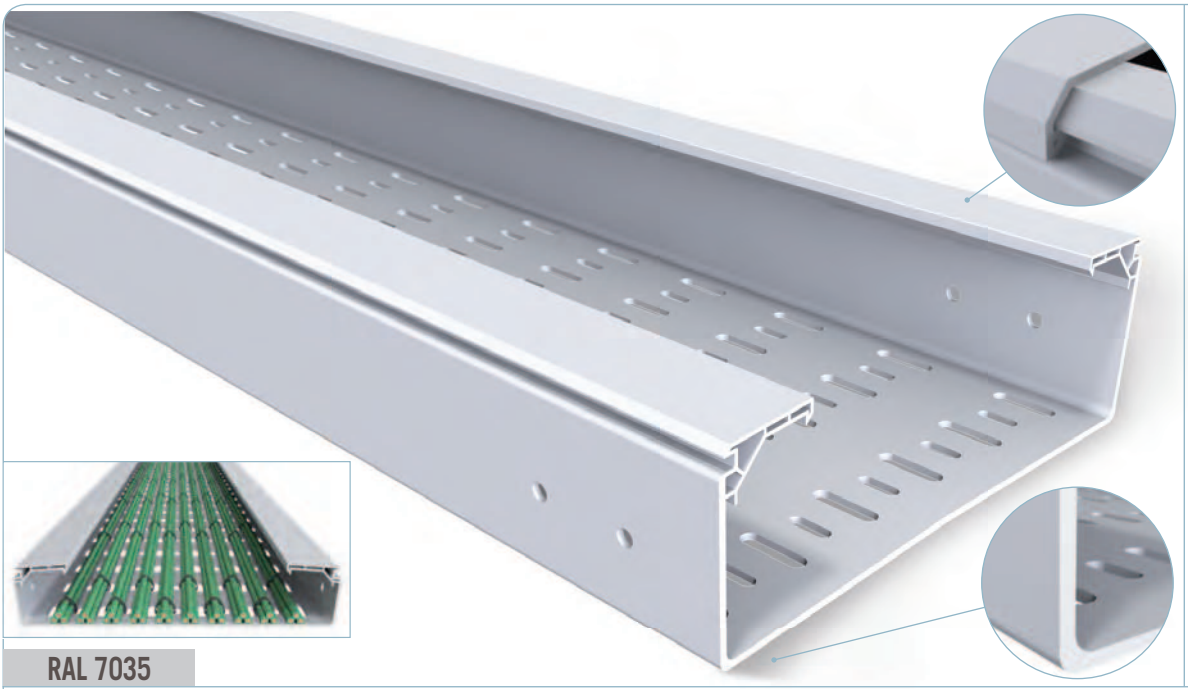
CBJMCB



	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
CBJMCB 10x22	**10**	2/5"	**22**	6/7"	2/8296	0,01
CBJMCB 17x25	**17**	2/3"	**25**	1"	2/8297	0,01
CBJMCB 17x40	**17**	2/3"	**40**	1 4/7"	2/8298	0,02
CBJMCB 25x40	**25**	1"	**40**	1 4/7"	2/8299	0,02
CBJMCB 40x40	**40**	1 4/7"	**40**	1 4/7"	2/8300	0,02
CBJMCB 40x60	**40**	1 4/7"	**60**	2 3/8"	2/8301	0,03
CBJMCB 60x60	**60**	2 3/8"	**60**	2 3/8"	2/8302	0,04



basor electric



UL CERTIFIED
SAFETY US·CA
E479833

RAL 7035

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

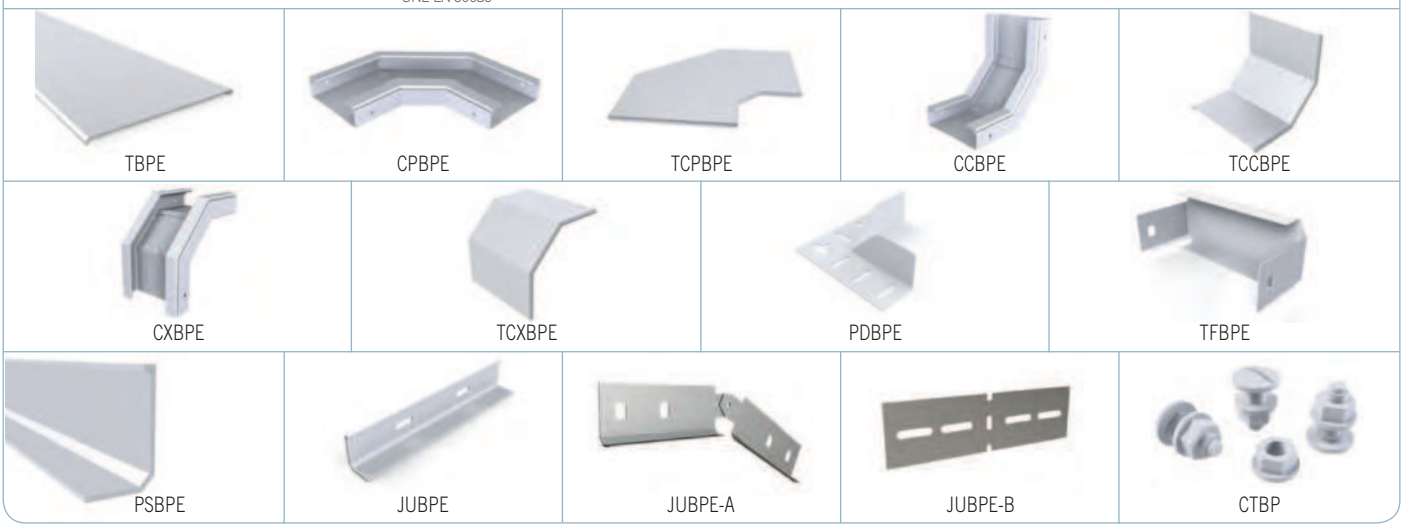
60°C
-15°C
UNE-EN 50085

20J
Mod. 60x100 10J
UNE-EN 61537
UNE-EN 50085

IP3X IP2X
IEC 60529

IK10 IK07
IEC 50102

ISO/TR 10358
DIN 8061



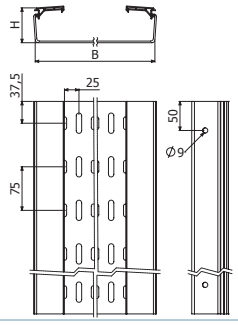
		Filling Area			
B		H60 (2 3/8")		H100 (4")	
mm	inch	cm²	in²	cm²	in²
100	4"	**52**	8,06	**-**	-
150	6"	**80**	12,4	**-**	-
200	8"	**101**	15,7	**175**	27,1
300	12"	**152**	23,6	**263**	40,8
400	16"	**-**	-	**354**	54,8
600	24"	**-**	-	**539**	83,5

BPE H60

L = 3 m (10 ft)

	H		B		PVCM1 UV	
	mm	inch	mm	inch	REF.	kg/m
BPE 60X100	60	2 3/8"	100	4"	2/10070	0,73
BPE 60X150	60	2 3/8"	150	6"	2/10071	0,98
BPE 60X200	60	2 3/8"	200	8"	2/10072	1,45
BPE 60X300	60	2 3/8"	300	12"	2/10073	2,34

2 x JUBPE 60 (2/10084)

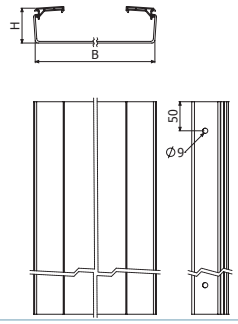


BPE-C H60

L = 3 m (10 ft)

	H		B		PVCM1 UV	
	mm	inch	mm	inch	REF.	kg/m
BPE-C 60X100	60	2 3/8"	100	4"	2/10062	0,77
BPE-C 60X150	60	2 3/8"	150	6"	2/10063	1,03
BPE-C 60X200	60	2 3/8"	200	8"	2/10064	1,54
BPE-C 60X300	60	2 3/8"	300	12"	2/10065	2,48

2 JUBPE 60 (2/10084)

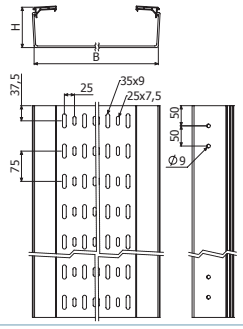


BPE H100

L = 3 m (10 ft)

	H		B		PVCM1 UV	
	mm	inch	mm	inch	REF.	kg/m
BPE 100X200	100	4"	200	8"	2/10074	2,25
BPE 100X300	100	4"	300	12"	2/10075	3,63
BPE 100X400	100	4"	400	16"	2/10076	4,30
BPE 100X600	100	4"	600	24"	2/10077	6,40

2 x JUBPE 100 (2/10085)

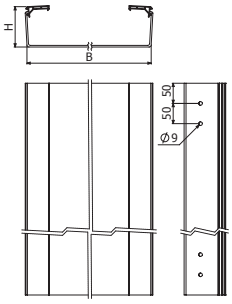


BPE-C H100

L = 3 m (10 ft)

	H		B		PVCM1 UV	
	mm	inch	mm	inch	REF.	kg/m
BPE-C 100X200	100	4"	200	8"	2/10066	2,38
BPE-C 100X300	100	4"	300	12"	2/10067	3,45
BPE-C 100X400	100	4"	400	16"	2/10068	4,54
BPE-C 100X600	100	4"	600	24"	2/10069	6,72

2 x JUBPE 100 (2/10085)

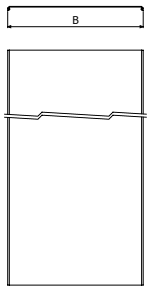


TBPE

L = 3 m (10 ft)

	B		PVCM1 UV	
	mm	inch	REF.	kg/m
TBPE 100	100	4"	2/10078	0,37
TBPE 150	150	6"	2/10079	0,50
TBPE 200	200	8"	2/10080	0,77
TBPE 300	300	12"	2/10081	1,10
TBPE 400	400	16"	2/10082	1,53
TBPE 600	600	24"	2/10083	2,10

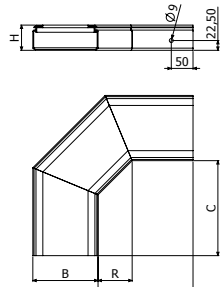
TBPE 600



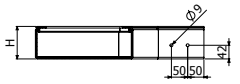
CPBPE

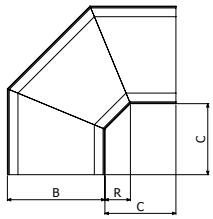
	H		B		C		R		PVCM1 UV	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPBPE 60X100	60	2 3/8"	100	4"	220	8 4/5"	80	3 1/7"	2/10089	0,40
CPBPE 60X150	60	2 3/8"	150	6"	220	8 4/5"	80	3 1/7"	2/10090	0,54
CPBPE 60X200	60	2 3/8"	200	8"	220	8 4/5"	80	3 1/7"	2/10091	0,91
CPBPE 60X300	60	2 3/8"	300	12"	220	8 4/5"	80	3 1/7"	2/10092	1,61
CPBPE 100X200	100	4"	200	8"	220	8 4/5"	80	3 1/7"	2/10093	1,24
CPBPE 100X300	100	4"	300	12"	220	8 4/5"	80	3 1/7"	2/10094	2,14
CPBPE 100X400	100	4"	400	16"	220	8 4/5"	80	3 1/7"	2/10095	3,27
CPBPE 100X600	100	4"	600	24"	240	9 1/2"	100	4"	2/10096	4,08

2 x JUBPE 60 (2/10084)
2 x JUBPE 100 (2/10085)



H60



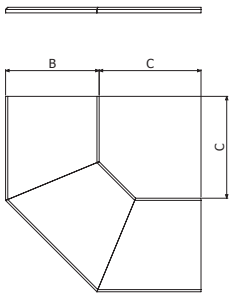


H100

TCPBPE

	B		C		PVCM1 UV	
	mm	inch	mm	inch	REF.	kg/ud
TCPBPE 100	100	4"	220	8 4/5"	2/10097	0,18
TCPBPE 150	150	6"	220	8 4/5"	2/10098	0,26
TCPBPE 200	200	8"	220	8 4/5"	2/10099	0,43
TCPBPE 300	300	12"	220	8 4/5"	2/10100	0,71
TCPBPE 400	400	16"	220	8 4/5"	2/10101	1,12
TCPBPE 600	600	24"	240	9 1/2"	2/10102	1,94

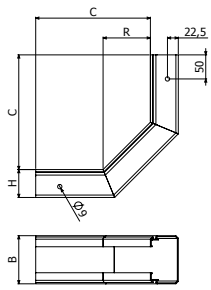
TCPBPE 600



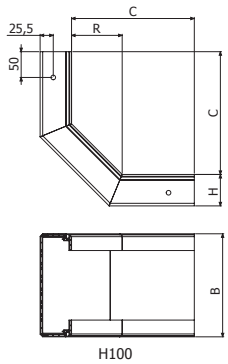
CCBPE

	H		B		C		R		PVCM1 UV	
	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"	2/10103	0,39
CCBPE 60X150	60	2 3/8"	150	6"	240	9 1/2"	100	4"	2/10104	0,49
CCBPE 60X200	60	2 3/8"	200	8"	240	9 1/2"	100	4"	2/10105	0,78
CCBPE 60X300	60	2 3/8"	300	12"	240	9 1/2"	100	4"	2/10106	1,19
CCBPE 100X200	100	4"	200	8"	275	10 5/6"	115	4 5/8"	2/10107	1,37
CCBPE 100X300	100	4"	300	12"	275	10 5/6"	115	4 5/8"	2/10108	1,98
CCBPE 100X400	100	4"	400	16"	275	10 5/6"	115	4 5/8"	2/10109	2,55
CCBPE 100X600	100	4"	600	24"	275	10 5/6"	115	4 5/8"	2/10110	3,23

2 x JUBPE 60 (2/10084)
2 x JUBPE 100 (2/10085)



H60

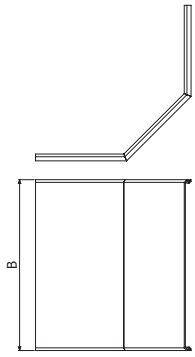


H100

TCCBPE

	B		PVCM1 UV	
	mm	inch	REF.	kg/ud
TCCBPE 60X100	100	4“	2/10111	0,18
TCCBPE 60X150	150	6”	2/10112	0,24
TCCBPE 60X200	200	8”	2/10113	0,37
TCCBPE 60X300	300	12”	2/10114	0,52
TCCBPE 100X200	200	8”	2/10115	0,56
TCCBPE 100X300	300	12”	2/10116	0,61
TCCBPE 100X400	400	16”	2/10117	0,87
TCCBPE 100X600	600	24”	2/10118	1,04

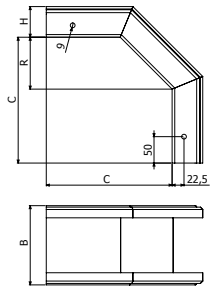
TCCBPE 100X600



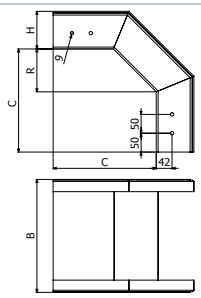
CXBPE

	H		B		C		R		PVCM1 UV	
	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”	2/10119	0,39
CXBPE 60X150	60	2 3/8”	150	6''	240	9 1/2"	100	4”	2/10120	0,49
CXBPE 60X200	60	2 3/8”	200	8''	240	9 1/2"	100	4”	2/10121	0,78
CXBPE 60X300	60	2 3/8”	300	12''	240	9 1/2"	100	4”	2/10122	1,19
CXBPE 100X200	100	4''	200	8''	275	10 5/6"	115	4 5/8"	2/10123	1,37
CXBPE 100X300	100	4''	300	12''	275	10 5/6"	115	4 5/8"	2/10124	1,98
CXBPE 100X400	100	4''	400	16''	275	10 5/6"	115	4 5/8"	2/10125	2,55
CXBPE 100X600	100	4''	600	24''	275	10 5/6"	115	4 5/8"	2/10126	3,23

2 x JUBPE 60 (2/10084)
2 x JUBPE 100 (2/10085)



H60

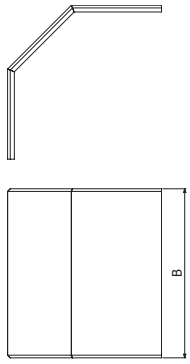


H100

TCXBPE

	B		PVCM1 UV	
	mm	inch	REF.	kg/ud
TCXBPE 60X100	100	4''	2/10127	0,22
TCXBPE 60X150	150	6''	2/10128	0,30
TCXBPE 60X200	200	8''	2/10129	0,49
TCXBPE 60X300	300	12''	2/10130	0,65
TCXBPE 100X200	200	8''	2/10131	0,75
TCXBPE 100X300	300	12''	2/10132	0,82
TCXBPE 100X400	400	16''	2/10133	1,17
TCXBPE 100X600	600	24''	2/10134	1,39

TCXBPE 100X600

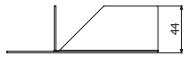


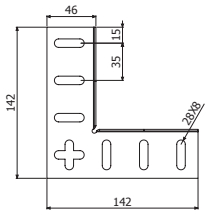
PDBPE

	GSP 7035	
	REF.	kg/ud
PDBPE 60/100	2/10135	0,24

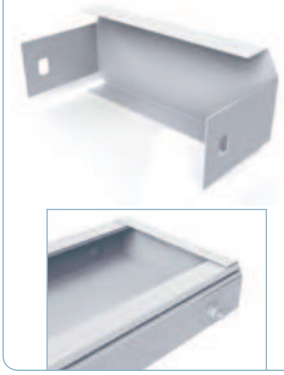
4/100 x B2-P (2/10017)

↑60 ↑100



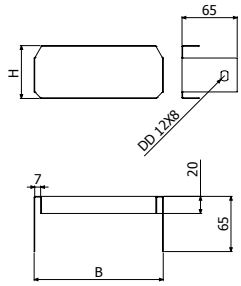


TFBPE



	H		B		GSP 7035	
	mm	inch	mm	inch	REF.	kg/ud
TFBPE 60X100	60	2 3/8"	100	4"	2/10136	0,09
TFBPE 60X150	60	2 3/8"	150	6"	2/10137	0,13
TFBPE 60X200	60	2 3/8"	200	8"	2/10138	0,15
TFBPE 60X300	60	2 3/8"	300	12"	2/10139	0,21
TFBPE 100X200	100	4"	200	8"	2/10140	0,24
TFBPE 100X300	100	4"	300	12"	2/10141	0,31
TFBPE 100X400	100	4"	400	16"	2/10142	0,40
TFBPE 100X600	100	4"	600	24"	2/10143	0,55

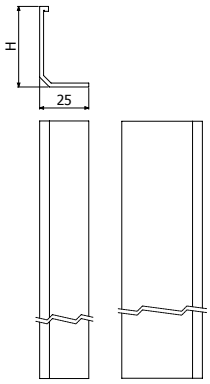
2/100 x CTBP (2/10017)



PSBPE

	H		PVCM1 UV	
	mm	inch	REF.	kg/m
PSBPE 60	41	1 5/8"	2/10144	0,09
PSBPE 100	74	2 7/8"	2/10145	0,13

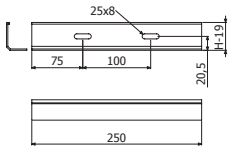
4/100 x CTBP (2/10017)



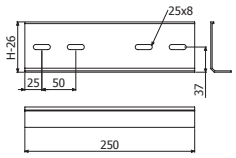
JUBPE

	H		PVCM1 UV	
	mm	inch	REF.	kg/ud
JUBPE 60	60	2 3/8"	2/10084	0,05
JUBPE 100	100	4"	2/10085	0,09

JUBPE 60 2/100 x CTBP (2/10017)
JUBPE 100 4/100 x CTBP (2/10017)



BPI JU 60

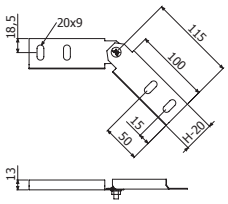


BPI JU 100

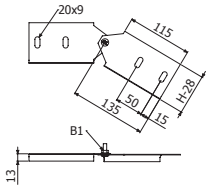
JUBPE-A

	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-A 60	60	2 3/8"	2/5036	0,09
JUBPE-A 100	100	4"	2/5037	0,16

4/100 x CTBP (2/10017)



JUBPE-A 60

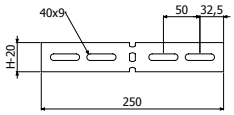


JUBPE-A 100

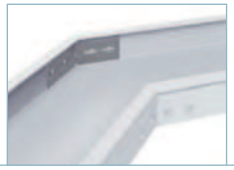
JUBPE-B

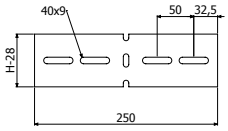
	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-B 60	60	2 3/8"	2/3520	0,13
JUBPE-B 100	100	4"	2/5038	0,22

4/100 x CTBP (2/10017)



JUBPE-B 60

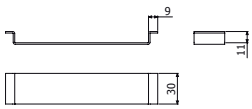




JUBPE-B 100

BIK10-BPE

	e	Mod.	i304		i316	
	mm	H x B	REF.	kg/ud	REF.	kg/ud
BIK10-BPE 60X100	1,5	60x100	2/17340	0,03	2/17347	0,03
BIK10-BPE 60X150	1,5	60x150	2/17341	0,05	2/17348	0,05
BIK10-BPE 60/100x200	1,5	60X200 & 100X200	2/17342	0,07	2/17349	0,07
BIK10-BPE 60/100X300	1,5	60X300 & 100X300	2/17343	0,09	2/17350	0,09
BIK10-BPE 100X400	2	100X400	2/17345	0,20	2/17352	0,20
BIK10-BPE 100X600	2	100X600	2/17346	0,49	2/17353	0,49



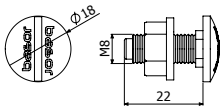
IK10

3 x BIK10-BPE => 1 x TBPE

CTBP

	PVCM1 UV	
	REF.	kg/ud
CTBP-100	2/10017	0,40

13



basor electric

CTA

	B mm (inch)					
	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
SHG 	90 (199)	105 (232)	120 (265)	130 (287)	220 (486)	180 (397)

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 	90 (199)	105 (232)	120 (265)	130 (287)	220 (486)	180 (397)

RoHS ✓ M1 V0 60°C -20°C UNE-EN 61537 ISO/TR 10358 DIN 8061

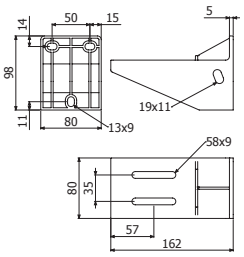
CTA

	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)

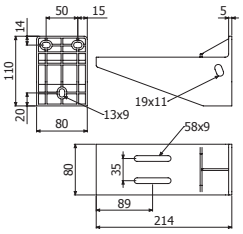
RoHS ✓ M1 V0 60°C -20°C UNE-EN 61537 ISO/TR 10358 DIN 8061

SHG

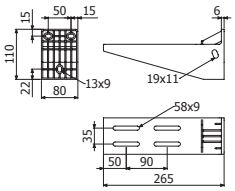
	B		40º	60º	PVCM1 UV	
	mm	inch	CTA (kg)	CTA (kg)	REF.	kg/ud
SHG 100	100	4"	90	45	2/10011	0,19
SHG 150	150	6"	105	52,5	2/10012	0,27
SHG 200	200	8"	120	60	2/10013	0,34
SHG 300	300	12"	130	65	2/10014	0,54
SHG 400	400	16"	220	110	2/10015	0,95
SHG 600	600	24"	180	90	2/10016	1,10



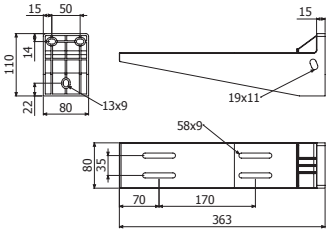
SHG100



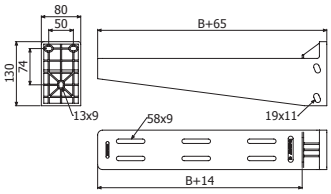
SHG150



SHG200



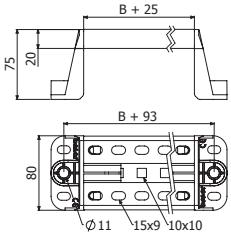
SHG300



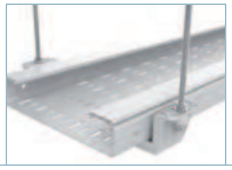
SHG 400/600

SVG

	B		CTA		PVCM1 UV	
	mm	inch	kg	lb	REF.	kg/ud
SVG 100	100	4"	384	846	2/10050	0,23
SVG 150	150	6"	384	846	2/10051	0,26
SVG 200	200	8"	384	846	2/10052	0,28
SVG 300	300	12"	204	450	2/10053	0,33
SVG 400	400	16"	120	263	2/10054	0,38
SVG 600	600	24"	60	132	2/10055	0,48



BPE ---> SVG: 2/100 x CTBP (2/10017)



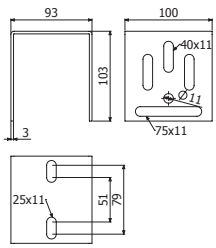
KSHGR

	GSP 7035	
	REF.	kg/ud
KSHGR	2/17282	0,61

PSHGR ---> KSHGR — 4 x B2 i304

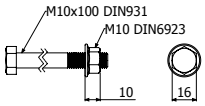
SHG 100~300 ---> KSHGR — 1 x CT2 M10X100

SHG 400~600 ---> KSHGR — 2 x CT2 M10X100



CT2

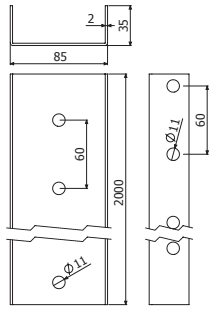
	i304	
	REF.	kg/ud
CT2 M10X100	2/7228	0,11



PSHG

	GSP 7035	
	REF.	kg/ud
PSHG 2M	2/17281	2,29

1 x CT2 M10X100 (2/7228)



PSHGR

PSHGR 600

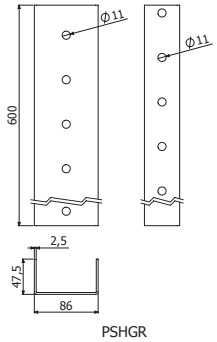
	GSP 7035	
	REF.	kg/ud
PSHGR 600	2/17283	2,05

TFSHGR PVC (2/12112)

PSHGR ---> KSHGR 4 x B2 i304

SHG 100~300 ---> KSHGR 1 x CT2 M10X100

SHG 400~600 ---> KSHGR 2 x CT2 M10X100



TFSHGR

SHGR+TFSHGR

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 10J
UNE-EN 61537
UNE-EN 50085

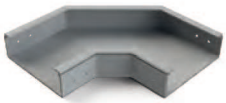
IP3X IP2X
IEC 60529

IK10 IK07
IEC 50102

ISO/TR 10358
DIN 8061

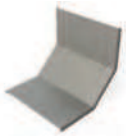

BIK10


RA50


CPBPI


TCPBPI


CCBPI


TCCBPI


CXBPI


TCXBPI


PDBPI


TFBPI


PSBPI


JUBPI


JUBPI-A


JUBPI-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

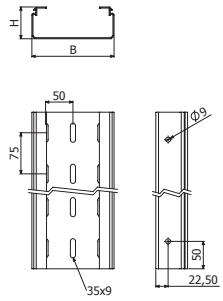
BPI H60

L = 3 m (10 ft)
B 100/150

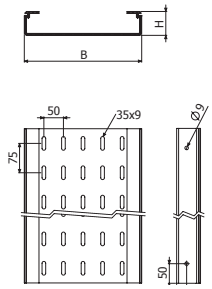
L = 3 m (10 ft)
B 200/300

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI 60X100	60	2 13"	100	4"	2/1162	0,73
BPI 60X150	60	2 3/8"	150	6"	2/1163	0,98
BPI 60X200	60	2 3/8"	200	8"	2/1164	1,11
BPI 60X300	60	2 3/8"	300	12"	2/1165	1,62

2 x JUBPI 60 (2/2061)



B 100/150



B 200/300

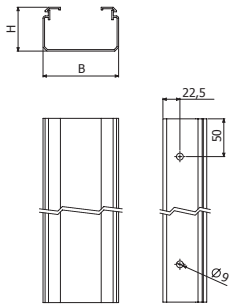
BPI-C H60

L = 3 m (10 ft)
B 100/150

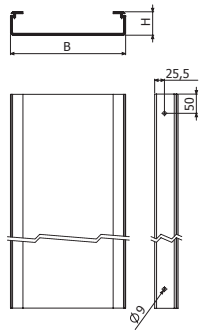
L = 3 m (10 ft)
B 200/300

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI-C 60X100	60	2 13"	100	4"	2/1156	0,77
BPI-C 60X150	60	2 3/8"	150	6"	2/1157	1,03
BPI-C 60X200	60	2 3/8"	200	8"	2/1158	1,17
BPI-C 60X300	60	2 3/8"	300	12"	2/1159	1,70

2 x JUBPI 60 (2/2061)



B 100/150



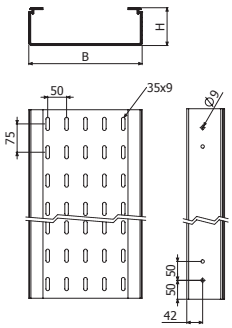
B 200/300

BPI H100

L = 3 m (10 ft)

	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI 100X200	100	4"	200	8"	2/4898	1,46
BPI 100X300	100	4"	300	12"	2/4964	1,84
BPI 100X400	100	4"	400	16"	2/1166	2,50
BPI 100X600	100	4"	600	24"	2/1167	4,27

2 x JUBPI 100 (2/2062)

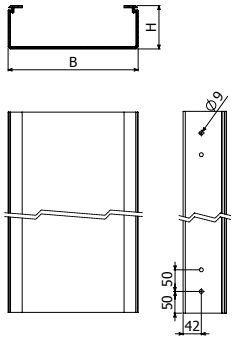


BPI-C H100

L = 3 m (10 ft)

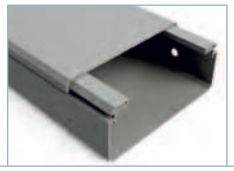
	H		B		PVCM1	
	mm	inch	mm	inch	REF.	kg/m
BPI-C 100X200	100	4"	200	8"	2/5091	1,54
BPI-C 100X300	100	4"	300	12"	2/5092	1,94
BPI-C 100X400	100	4"	400	16"	2/1160	2,64
BPI-C 100X600	100	4"	600	24"	2/1161	4,17

2 x JUBPI 100 (2/2062)



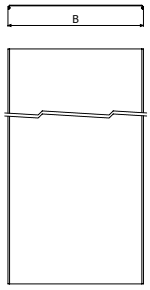
TBPI

L = 3 m (10 ft)

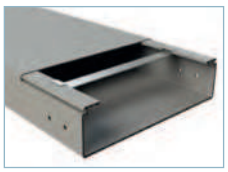


	B		PVCM1	
	mm	inch	REF.	kg/m
TBPI 100	100	4"	2/1185	0,37
TBPI 150	150	6"	2/1186	0,50
TBPI 200	200	8"	2/1187	0,77
TBPI 300	300	12"	2/1188	1,10
TBPI 400	400	16"	2/1189	1,53
TBPI 600	600	24"	2/1190	2,10

TBPI 600



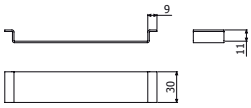
BIK10-BPI



	e	Mod.	AL	
	mm	H x B	REF.	kg/ud
BIK10-BPI 60X100	1,5	60x100	2/7063	0,01
BIK10-BPI 60X150	1,5	60x150	2/7064	0,02
BIK10-BPI 60/100x200	1,5	60X200 & 100X200	2/7065	0,03
BIK10-BPI 60X300	1,5	300x60	2/7066	0,04
BIK10-BPI 100X300	1,5	300x100	2/7067	0,04
BIK10-BPI 100X400	2	400x100	2/7068	0,05
BIK10-BPI 100X600	2	600x100	2/7069	0,16

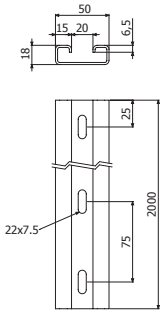
IK10

3 x BIK10-BPI => 1 x TBPI

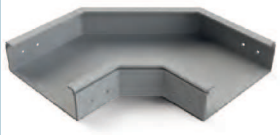


RA50

	PVCM1	
	REF.	kg/m
RA50 2M	2/6357	0,33

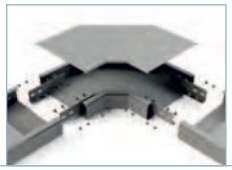


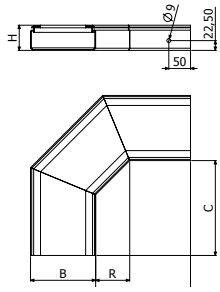
CPBPI



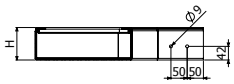
	H		B		C		R		PVCM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPBPI 60X100	60	2 3/8"	100	4"	220	8 4/5"	80	3 1/7"	2/1168	0,40
CPBPI 60X150	60	2 3/8"	150	6"	220	8 4/5"	80	3 1/7"	2/1169	0,54
CPBPI 60X200	60	2 3/8"	200	8"	220	8 4/5"	80	3 1/7"	2/1170	0,69
CPBPI 60X300	60	2 3/8"	300	12"	220	8 4/5"	80	3 1/7"	2/1171	1,10
CPBPI 100X200	100	4"	200	8"	220	8 4/5"	80	3 1/7"	2/5188	0,80
CPBPI 100X300	100	4"	300	12"	220	8 4/5"	80	3 1/7"	2/5189	1,20
CPBPI 100X400	100	4"	400	16"	220	8 4/5"	80	3 1/7"	2/1172	1,90
CPBPI 100X600	100	4"	600	24"	240	9 1/2"	100	4"	2/1173	2,53

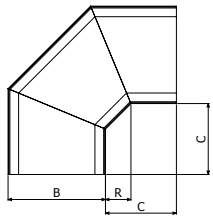
2 x JUBPI 60 (2/2061)
2 x JUBPI 100 (2/2062)





H60



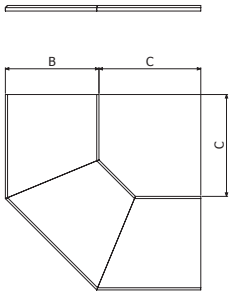


H100

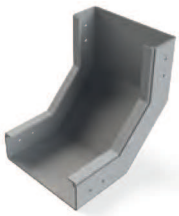
TCPBPI

	B		C		PVCM1	
	mm	inch	mm	inch	REF.	kg/ud
TCPBPI 100	100	4"	220	8 4/5"	2/5194	0,18
TCPBPI 150	150	6"	220	8 4/5"	2/5195	0,26
TCPBPI 200	200	8"	220	8 4/5"	2/5198	0,43
TCPBPI 300	300	12"	220	8 4/5"	2/5199	0,71
TCPBPI 400	400	16"	220	8 4/5"	2/5200	1,12
TCPBPI 600	600	24"	240	9 1/2"	2/5201	1,94

TCPBPI 600

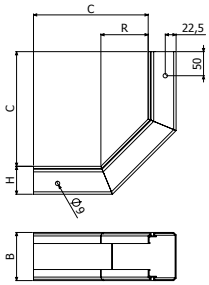


CCBPI

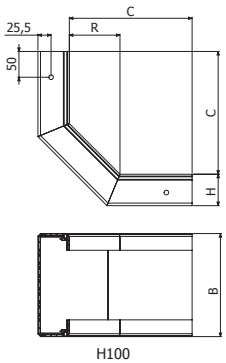


	H		B		C		R		PVCM1	
	mm	inch	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCBPI 60X100	60	2 3/8"	100	4"	240	9 1/2"	100	4"	2/1174	0,39
CCBPI 60X150	60	2 3/8"	150	6"	240	9 1/2"	100	4"	2/1175	0,49
CCBPI 60X200	60	2 3/8"	200	8"	240	9 1/2"	100	4"	2/1176	0,59
CCBPI 60X300	60	2 3/8"	300	12"	240	9 1/2"	100	4"	2/1177	0,81
CCBPI 100X200	100	4"	200	8"	275	10 5/6"	115	4 5/8"	2/5190	0,88
CCBPI 100X300	100	4"	300	12"	275	10 5/6"	115	4 5/8"	2/5191	1,11
CCBPI 100X400	100	4"	400	16"	275	10 5/6"	115	4 5/8"	2/1178	1,48
CCBPI 100X600	100	4"	600	24"	275	10 5/6"	115	4 5/8"	2/1179	2,00

2 x JUBPI 60 (2/2061)
2 x JUBPI 100 (2/2062)

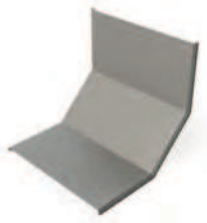


H60



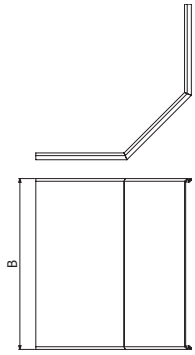
H100

TCCBPI



	B		PVCM1	
	mm	inch	REF.	kg/ud
TCCBPI 60X100	100	4“	2/5202	0,18
TCCBPI 60X150	150	6”	2/5203	0,24
TCCBPI 60X200	200	8”	2/5204	0,37
TCCBPI 60X300	300	12”	2/5205	0,52
TCCBPI 100X200	200	8”	2/5207	0,56
TCCBPI 100X300	300	12”	2/5208	0,61
TCCBPI 100X400	400	16”	2/5209	0,87
TCCBPI 100X600	600	24”	2/5210	1,04

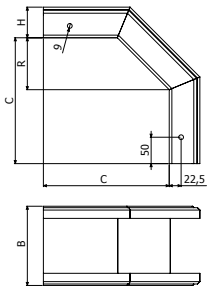
TCCBPI 100X600



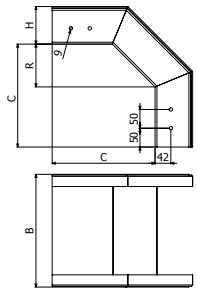
CXBPI

	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”	2/1180	0,39
CXBPI 60X150	60	2 3/8”	150	6”	240	9 1/2"	100	4”	2/1181	0,49
CXBPI 60X200	60	2 3/8”	200	8”	240	9 1/2"	100	4”	2/1182	0,59
CXBPI 60X300	60	2 3/8”	300	12”	240	9 1/2"	100	4”	2/1183	0,81
CXBPI 100X200	100	4”	200	8”	275	10 5/6"	115	4 5/8"	2/5192	0,88
CXBPI 100X300	100	4”	300	12”	275	10 5/6"	115	4 5/8"	2/5193	1,11
CXBPI 100X400	100	4”	400	16”	275	10 5/6"	115	4 5/8"	2/1184	1,48
CXBPI 100X600	100	4”	600	24”	275	10 5/6"	115	4 5/8"	2/4707	2,00

2 x JUBPI 60 (2/2061)
2 x JUBPI 100 (2/2062)

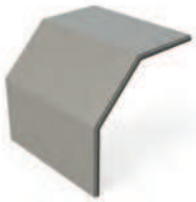


H60



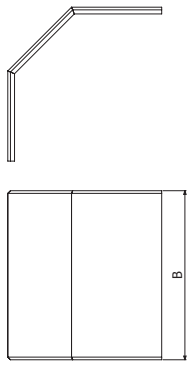
H100

TCXBPI

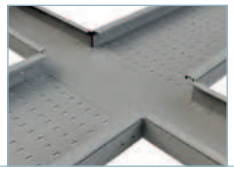


	B		PVCM1	
	mm	inch	REF.	kg/ud
TCXBPI 60X100	100	4“	2/5211	0,22
TCXBPI 60X150	150	6”	2/5212	0,30
TCXBPI 60X200	200	8”	2/5213	0,49
TCXBPI 60X300	300	12”	2/5214	0,65
TCXBPI 100X200	200	8”	2/5215	0,75
TCXBPI 100X300	300	12”	2/5216	0,82
TCXBPI 100X400	400	16”	2/5217	1,17
TCXBPI 100X600	600	24”	2/5218	1,39

TCXBPI 100X600



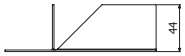
PDBPI

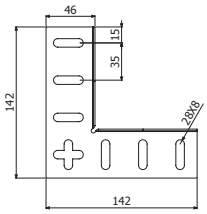


	GSP 7030	
	REF.	kg/ud
PDBPI 60/100	2/3521	0,18

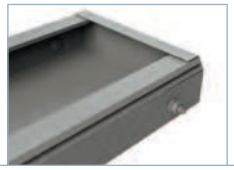
4/100 x CTBP (2/10020)

↑60 ↑100



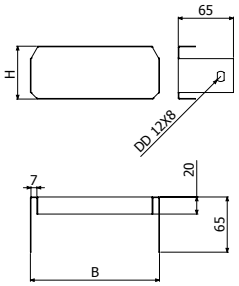


TFBPI

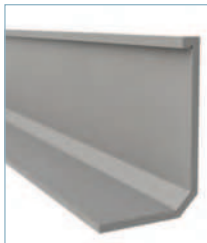


	H		B		GSP 7030	
	mm	inch	mm	inch	REF.	kg/ud
TFBPI 60X100	60	2 3/8"	100	4"	2/4395	0,09
TFBPI 60X150	60	2 3/8"	150	6"	2/4800	0,13
TFBPI 60X200	60	2 3/8"	200	8"	2/4396	0,15
TFBPI 60X300	60	2 3/8"	300	12"	2/4838	0,21
TFBPI 100X200	100	4"	200	8"	2/5220	0,24
TFBPI 100X300	100	4"	300	12"	2/5221	0,31
TFBPI 100X400	100	4"	400	16"	2/5125	0,40
TFBPI 100X600	100	4"	600	24"	2/5219	0,55

2/100 x CTBP (2/10020)

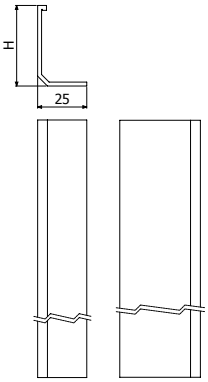


PSBPI



	H		PVCM1	
	mm	inch	REF.	kg/m
PSBPI 60	41	1 5/8"	2/3522	0,22
PSBPI 100	74	2 7/8"	2/3523	0,38

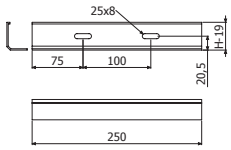
4/100 x x CTBP (2/10020)



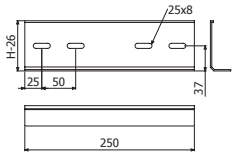
JUBPI

	H		PVCM1	
	mm	inch	REF.	kg/ud
JUBPI 60	60	2 3/8"	2/2061	0,05
JUBPI 100	100	4"	2/2062	0,09

JUBPI 60 --> 2/100 x CTBP (2/10020)
JUBPI 100 --> 4/100 x CTBP (2/10020)



JUBPI 60

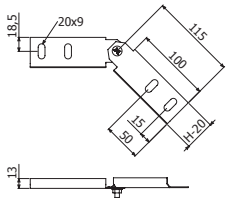


JUBPI 100

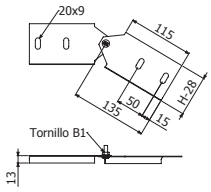
JUBPE-A

	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-A 60	60	2 3/8"	2/5036	0,09
JUBPE-A 100	100	4"	2/5037	0,16

4/100 x CTBP (2/10020)



JUBPE-A 60

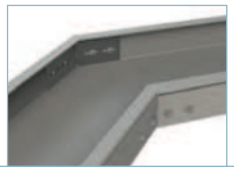


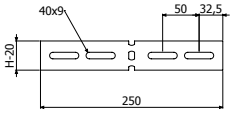
JUBPE-A 100

JUBPE-B

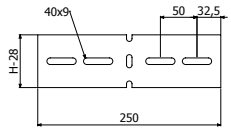
	H		i304	
	mm	inch	REF.	kg/ud
JUBPE-B 60	60	2 3/8"	2/3520	0,13
JUBPE-B 100	100	4"	2/5038	0,22

4/100 x CTBP (2/10020)





JUBPE-B 60

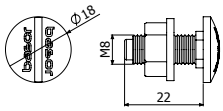


JUBPE-B 100

CTBP

	PVCM1	
	REF.	kg/ud
CTBP-100	2/10020	0,40

13



CTA

	B mm (inch)					
	100 (4")	150 (6")	200 (8")	300 (12")	400 (16")	600 (24")
SHG 	90 (199)	105 (232)	120 (265)	130 (287)	220 (486)	180 (397)

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 	90 (199)	105 (232)	120 (265)	130 (287)	220 (486)	180 (397)

RoHS ✓ M1 V0 60°C -20°C UNE-EN 61537 ISO/TR 10358 DIN 8061

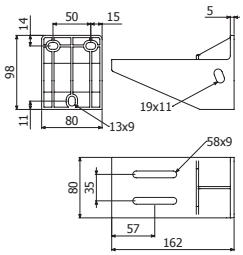
CTA

	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)

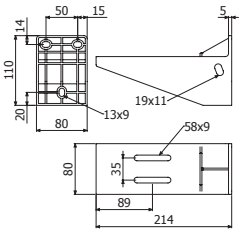
RoHS ✓ M1 V0 60°C -20°C UNE-EN 61537 PVCM1 ISO/TR 10358 DIN 8061

SHG

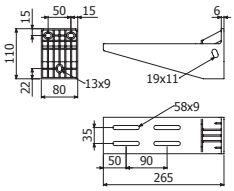
	B		40º	60º	PVCM1	
	mm	inch	CTA (kg)	CTA (kg)	REF.	kg/ud
SHG 100	100	4"	90	45	2/6779	0,19
SHG 150	150	6"	105	52,5	2/6780	0,27
SHG 200	200	8"	120	60	2/6781	0,34
SHG 300	300	12"	130	65	2/6782	0,54
SHG 400	400	16"	220	110	2/7134	0,82
SHG 600	600	24"	180	90	2/7135	1,01



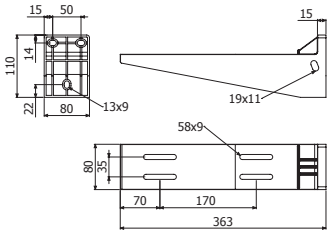
SHG100



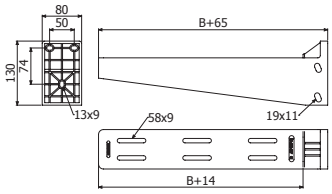
SHG150



SHG200



SHG300

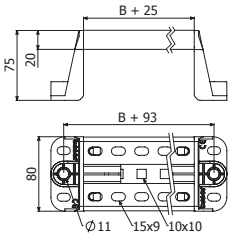


SHG 400/600

SVG


PVCM1

	B		CTA		PVCM1	
	mm	inch	kg	lb	REF.	kg/ud
SVG 100	100	4"	384	846	2/10056	0,23
SVG 150	150	6"	384	846	2/10057	0,26
SVG 200	200	8"	384	846	2/10058	0,28
SVG 300	300	12"	204	450	2/10059	0,33
SVG 400	400	16"	120	263	2/10060	0,38
SVG 600	600	24"	60	132	2/10061	0,48



BPI ---> SVG: 2/100 x CTBP (2/10020)

KSHGR

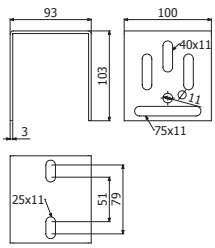

KSHGR

	GSP 7030	
	REF.	kg/ud
KSHGR	2/7403	0,61

PSHGR ---> KSHGR — 4 x B2 i304

SHG 100~300 ---> KSHGR — 1 x CT2 M10X100

SHG 400~600 ---> KSHGR — 2 x CT2 M10X100

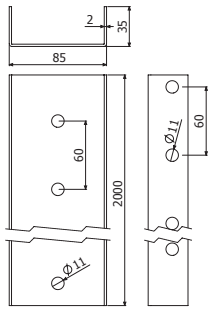


KSHGR

PSHG

	GSP 7030	
	REF.	kg/ud
PSHG 2M	2/7203	2,29

1 x CT2 M10X100 (2/7228)



PSHGR

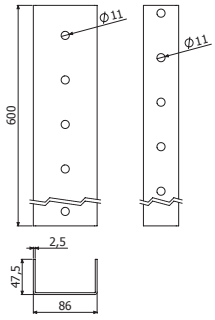
PSHGR 600

	GSP 7030	
	REF.	kg/ud
PSHGR 600	2/7404	2,05
TFSHGR PVC (2/12112)		

PSHGR ---> KSHGR 4 x B2 i304

SHG 100~300 ---> KSHGR 1 x CT2 M10X100

SHG 400~600 ---> KSHGR 2 x CT2 M10X100



PSHGR

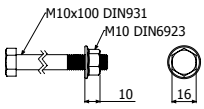
TFSHGR

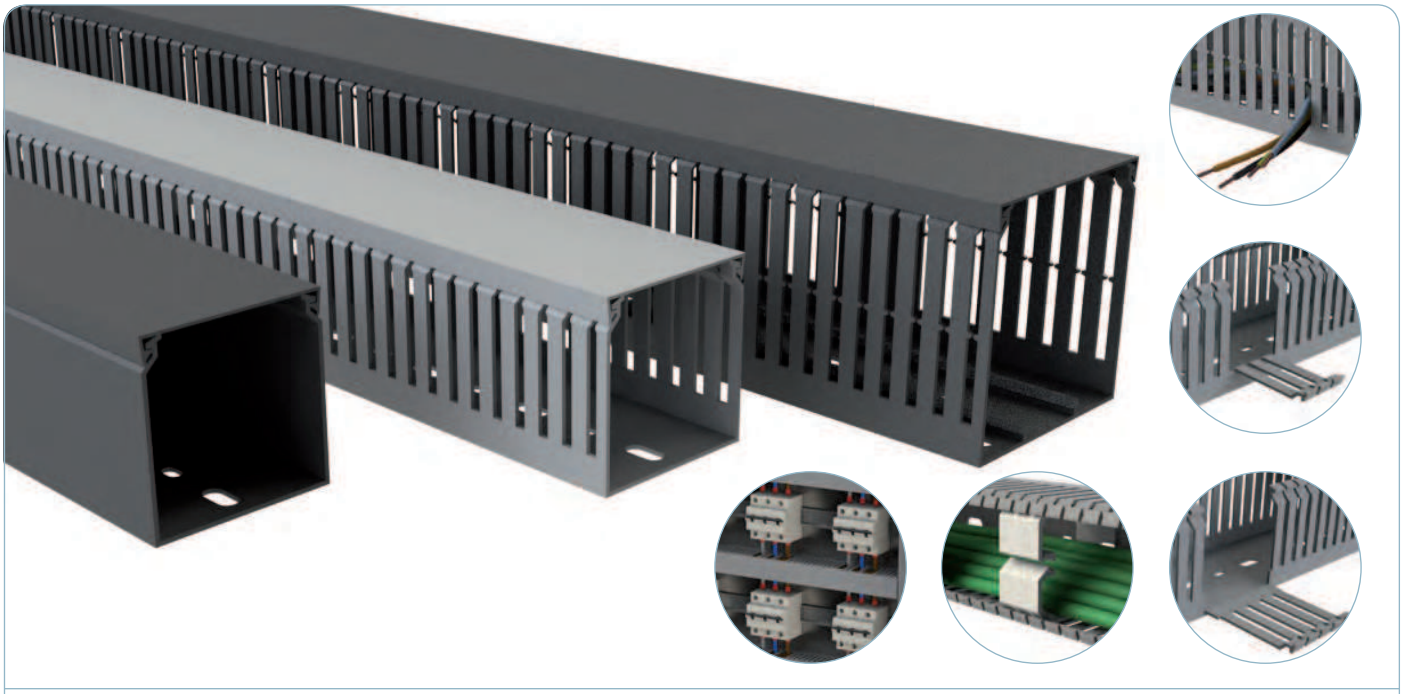
SHGR+TFSHGR

CT2

	i304	
	REF.	kg/ud
CT2 M10X100	2/7228	0,11

17





UNE-EN 50085

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

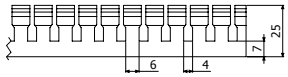
QRL = 40x40 PVCM1 7030

QRL = 100x80 PVCM1 7030

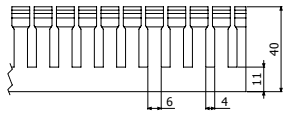
QRL = 40x40 LH 7035

QRL = 100x80 LH 7035

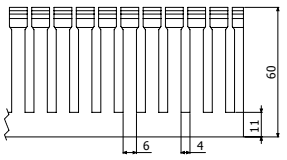
	B		H		PVCM1 7030		LH 7035	
	mm	inch	mm	inch	REF.	kg/m	REF.	kg/m
QRL 25X25	25	1”	25	1”	2/7145	0,20	-	-
QRL 25x40	25	1”	40	1 4/7”	2/7146	0,23	2/7257	0,16
QRL 25x60	25	1”	60	2 3/8”	2/7147	0,28	2/7258	0,23
QRL 25x80	25	1”	80	3 1/7”	2/7148	0,33	2/7259	0,26
QRL 40x40	40	1 4/7”	40	1 4/7”	2/7149	0,28	2/7260	0,22
QRL 40x60	40	1 4/7”	60	2 3/8”	2/7150	0,33	2/7261	0,26
QRL 40x80	40	1 4/7”	80	3 1/7”	2/7151	0,38	2/7262	0,36
QRL 60x40	60	2 3/8”	40	1 4/7”	2/7152	0,34	2/9873	0,31
QRL 60x60	60	2 3/8”	60	2 3/8”	2/7153	0,39	2/7263	0,41
QRL 60x80	60	2 3/8”	80	3 1/7”	2/7154	0,44	2/9877	0,45
QRL 80x60	80	3 1/7”	60	2 3/8”	2/7155	0,49	2/9874	0,50
QRL 80x80	80	3 1/7”	80	3 1/7”	2/7156	0,53	2/9878	0,54
QRL 100x60	100	4”	60	2 3/8”	2/7157	0,55	-	-
QRL 100x80	100	4”	80	3 1/7”	2/7158	0,60	2/9879	0,56
QRL 120x60	120	4 5/7”	60	2 3/8”	2/7159	0,62	2/9875	0,67
QRL 120x80	120	4 5/7”	80	3 1/7”	2/7160	0,66	2/9876	0,70



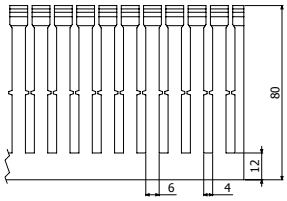
QRL H25



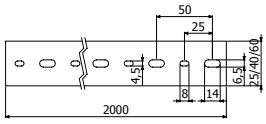
QRL H40



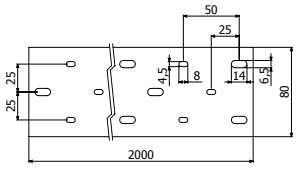
QRL H60



QRL H80



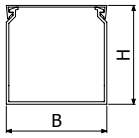
H 25/40/60



H 80/100/120

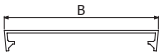
QCL

	B		H		PVCM1 7030	
	mm	inch	mm	inch	REF.	kg/m
QCL 25X25	25	1 "	25	1"	2/7300	0,25
QCL 40x40	40	1 4/7"	40	1 4/7"	2/7301	0,35
QCL 60x40	60	2 3/8"	40	1 4/7"	2/7302	0,41
QCL 60x60	60	2 3/8"	60	2 3/8"	2/7303	0,49



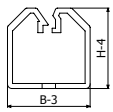
TQRL

	B		PVCM1 7030	
	mm	inch	REF.	kg/m
TQRL 25	25	1”	2/7162	0,08
TQRL 40	40	1 4/7”	2/7163	0,10
TQRL 60	60	2 3/8”	2/7164	0,13
TQRL 80	80	3 1/7”	2/7165	0,16
TQRL 100	100	4”	2/7166	0,19
TQRL 120	120	4 5/7”	2/7167	0,23

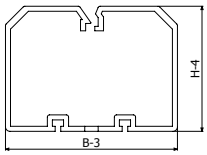


RCQRL

	B		H		PA6	
	mm	inch	mm	inch	REF.	kg/ud
RCQRL 40x40	40	1 4/7”	40	1 4/7”	2/7168	0,02
RCQRL 40x60	40	1 4/7”	60	2 3/8”	2/7169	0,02
RCQRL 40x80	40	1 4/7”	80	3 1/7”	2/7170	0,02
RCQRL 60x40	60	2 3/8”	40	1 4/7”	2/7171	0,02
RCQRL 60x60	60	2 3/8”	60	2 3/8”	2/7172	0,02
RCQRL 60x80	60	2 3/8”	80	3 1/7”	2/7173	0,02
RCQRL 80x60	80	3 1/7”	60	2 3/8”	2/7174	0,03
RCQRL 80x80	80	3 1/7”	80	3 1/7”	2/7175	0,03
RCQRL 100x60	100	4”	60	2 3/8”	2/7176	0,03
RCQRL 100x80	100	4”	80	3 1/7”	2/7177	0,03
RCQRL 120x60	120	4 5/7”	60	2 3/8”	2/7178	0,03
RCQRL 120x80	120	4 5/7”	80	3 1/7”	2/7179	0,03

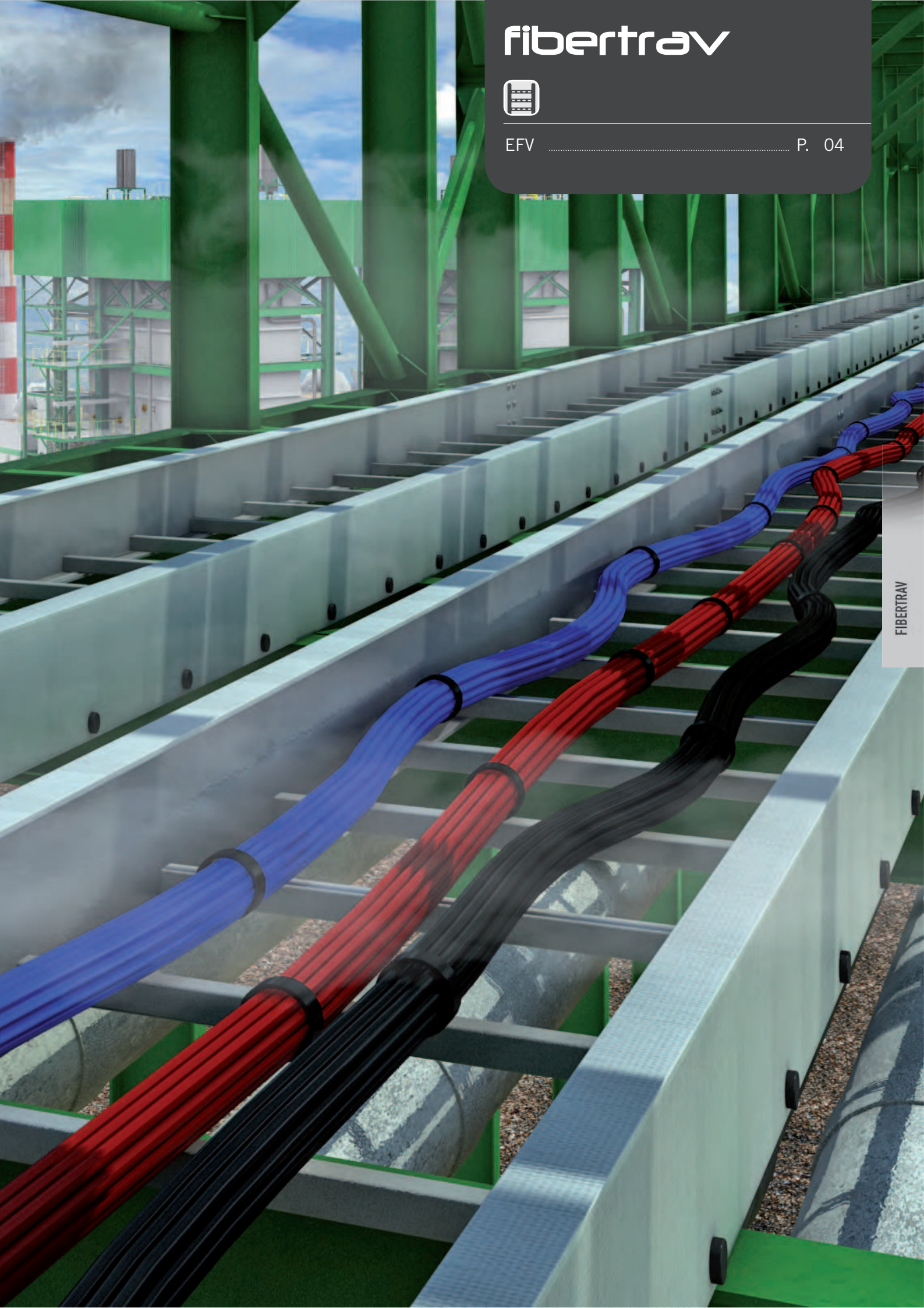


RCQRL H40/H60



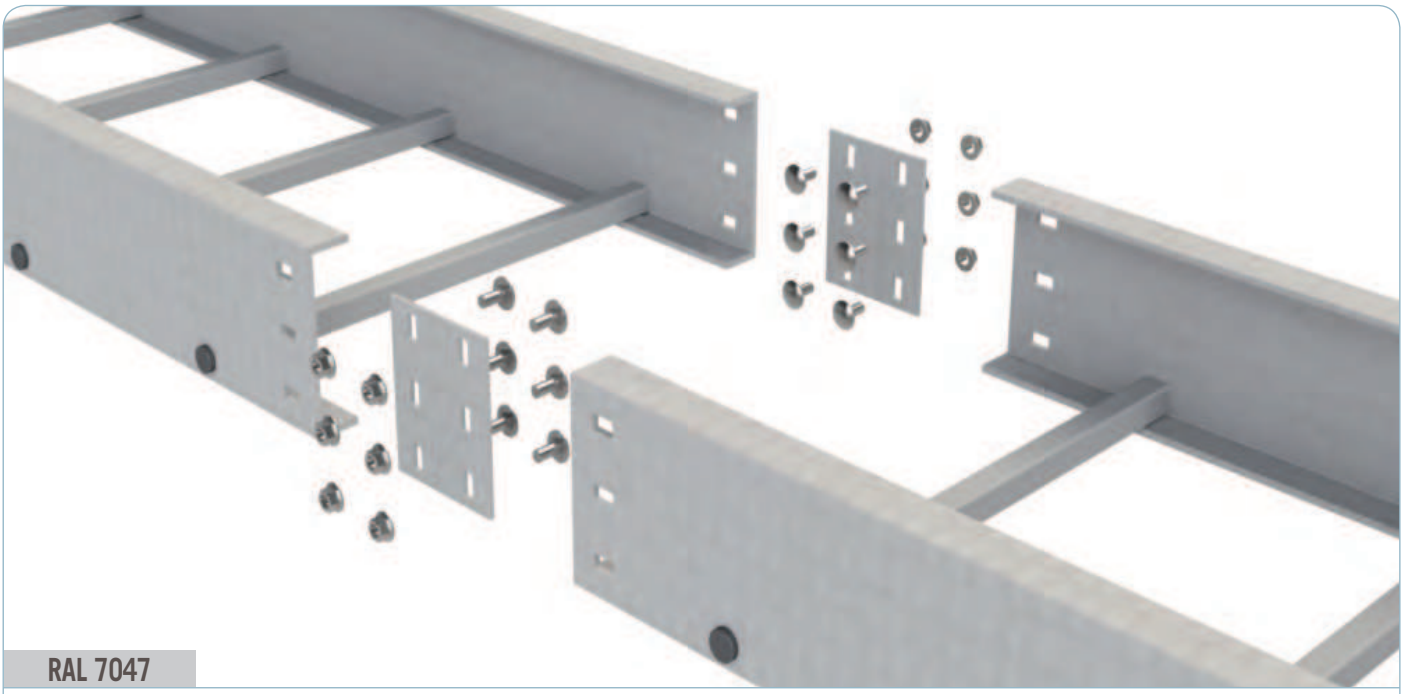
RCQRL H80/H100/H120

fibertrav



FIBERTRAV

basor ELECTRIC



RAL 7047

UNE-EN 61537 | 150ºC -50ºC UNE-EN 61537 | V0 UNE-EN 61537 | 20J UNE-EN 61537 | RoHS | HALOGEN FREE

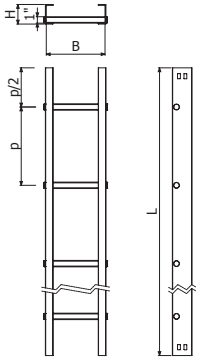
		Filling Area							
B		H3"		H4"		H6"		H8"	
inch	mm	in²	cm²	in²	cm²	in²	cm²	in²	cm²
6	150	**10,44**	66,30	**16,20**	102,90	**27,02**	171,60	**39,50**	250,80
9	225	**15,66**	99,45	**24,31**	154,35	**40,54**	257,40	**59,24**	376,20
12	300	**20,88**	132,60	**32,41**	205,80	**54,05**	343,20	**78,99**	501,60
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	2/11239	3,03	2/11279	2,74	2/11319	2,62
EFVS 9X3-p 6M	9	225	3	75	2/11240	3,43	2/11280	3,01	2/11320	2,82
EFVS 12X3-p 6M	12	300	3	75	2/11241	3,83	2/11281	3,27	2/11321	3,03
EFVS 18X3-p 6M	18	450	3	75	2/11242	4,64	2/11282	3,79	2/11322	3,43
EFVS 24X3-p 6M	24	600	3	75	2/11243	5,45	2/11283	4,32	2/11323	3,84

2 x JUEFV 3 (2/12068)

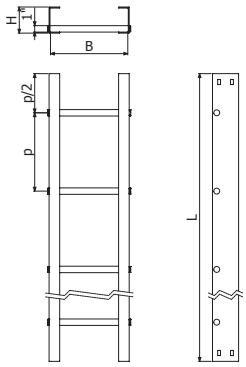


EFVS H4

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	2/11244	4,05	2/11284	3,77	2/11324	3,65
EFVS 9X4-p 6M	9	225	4	100	2/11245	4,45	2/11285	4,03	2/11325	3,85
EFVS 12X4-p 6M	12	300	4	100	2/11246	4,86	2/11286	4,29	2/11326	4,05
EFVS 18X4-p 6M	18	450	4	100	2/11247	5,67	2/11287	4,82	2/11327	4,46
EFVS 24X4-p 6M	24	600	4	100	2/11248	6,48	2/11288	5,35	2/11328	4,86
EFVS 30X4-p 6M	30	750	4	100	2/11249	7,29	2/11289	5,87	2/11329	5,26
EFVS 36X4-p 6M	36	900	4	100	2/11250	7,56	2/11290	6,05	2/11330	5,40

2 x JUEFV 4 (2/12069)

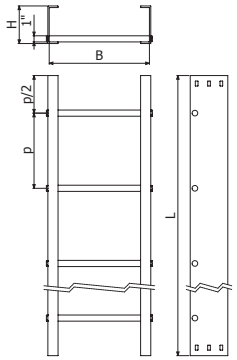


EFVL H6

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	2/11251	5,66	2/11291	5,37	2/11331	5,25
EFVL 9X6-p 6M	9	225	6	150	2/11252	6,06	2/11292	5,64	2/11332	5,46
EFVL 12X6-p 6M	12	300	6	150	2/11253	6,47	2/11293	5,90	2/11333	5,66
EFVL 18X6-p 6M	18	450	6	150	2/11254	7,28	2/11294	6,43	2/11334	6,06
EFVL 24X6-p 6M	24	600	6	150	2/11255	8,09	2/11295	6,95	2/11335	6,47
EFVL 30X6-p 6M	30	750	6	150	2/11256	8,90	2/11296	7,48	2/11336	6,87
EFVL 36X6-p 6M	36	900	6	150	2/11257	9,17	2/11297	7,65	2/11337	7,01

2 x JUEFV 6 (2/12070)

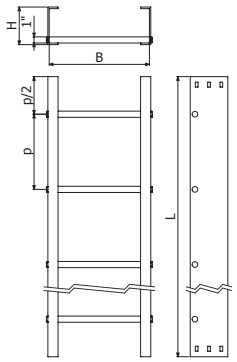


EFVS H6

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	2/11258	7,24	2/11298	6,96	2/11338	6,84
EFVS 9X6-p 6M	9	225	6	150	2/11259	7,65	2/11299	7,22	2/11339	7,04
EFVS 12X6-p 6M	12	300	6	150	2/11260	8,05	2/11300	7,49	2/11340	7,24
EFVS 18X6-p 6M	18	450	6	150	2/11261	8,86	2/11301	8,01	2/11341	7,65
EFVS 24X6-p 6M	24	600	6	150	2/11262	9,67	2/11302	8,54	2/11342	8,05
EFVS 30X6-p 6M	30	750	6	150	2/11263	10,48	2/11303	9,06	2/11343	8,46
EFVS 36X6-p 6M	36	900	6	150	2/11264	10,75	2/11304	9,24	2/11344	8,59

2 x JUEFV 6 (2/12070)

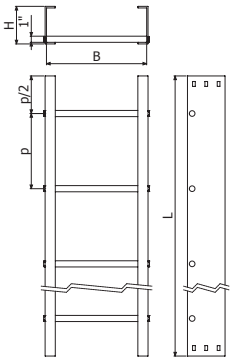


EFVR H6

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	2/17286	8,83	2/17293	8,54	2/17300	8,42
EFVR 9X6-p 6M	**9**	225	**6**	150	2/17287	9,23	2/17294	8,81	2/17301	8,63
EFVR 12X6-p 6M	**12**	300	**6**	150	2/17288	9,64	2/17295	9,07	2/17302	8,83
EFVR 18X6-p 6M	**18**	450	**6**	150	2/17289	10,45	2/17296	9,60	2/17303	9,23
EFVR 24X6-p 6M	**24**	600	**6**	150	2/17290	11,26	2/17297	10,12	2/17304	9,64
EFVR 30X6-p 6M	**30**	750	**6**	150	2/17291	12,07	2/17298	10,65	2/17305	10,04
EFVR 36X6-p 6M	**36**	900	**6**	150	2/17292	12,34	2/17299	10,83	2/17306	10,18

2 x JUEFV 6 (2/12070)

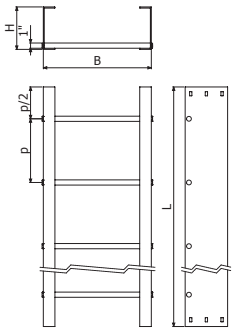


EFVS H8

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	2/11272	8,10	2/11312	7,82	2/11352	7,70
EFVS 9X8-p 6M	**9**	225	**8**	200	2/11273	8,50	2/11313	8,08	2/11353	7,90
EFVS 12X8-p 6M	**12**	300	**8**	200	2/11274	8,91	2/11314	8,34	2/11354	8,10
EFVS 18X8-p 6M	**18**	450	**8**	200	2/11275	9,72	2/11315	8,87	2/11355	8,51
EFVS 24X8-p 6M	**24**	600	**8**	200	2/11276	10,53	2/11316	9,40	2/11356	8,91
EFVS 30X8-p 6M	**30**	750	**8**	200	2/11277	11,34	2/11317	9,92	2/11357	9,31
EFVS 36X8-p 6M	**36**	900	**8**	200	2/11278	11,61	2/11318	10,10	2/11358	9,45

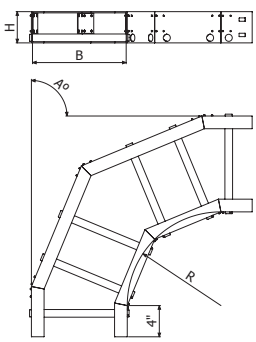
2 x JUEFV 8 (2/12071)



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	2/11359	0,78
CPEFV45-12 9X3	45	12	300	9	230	3	75	2/11360	0,96
CPEFV45-12 12X3	45	12	300	12	300	3	75	2/11361	1,15
CPEFV45-12 18X3	45	12	300	18	450	3	75	2/11362	1,51
CPEFV45-12 24X3	45	12	300	24	600	3	75	2/11363	1,87
CPEFV-12 6X3	90	12	300	6	150	3	75	2/11364	2,06
CPEFV-12 9X3	90	12	300	9	230	3	75	2/11365	2,43
CPEFV-12 12X3	90	12	300	12	300	3	75	2/11366	2,79
CPEFV-12 18X3	90	12	300	18	450	3	75	2/11367	3,52
CPEFV-12 24X3	90	12	300	24	600	3	75	2/11368	4,25

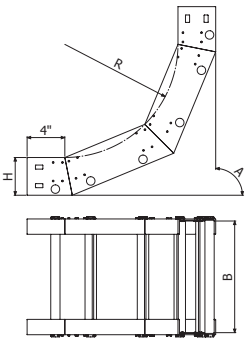
2 x JUEFV 3 (2/12068)



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	2/11495	1,43
CCEFV45-12 9X3	45	12	300	9	230	3	75	2/11496	1,61
CCEFV45-12 12X3	45	12	300	12	300	3	75	2/11497	1,79
CCEFV45-12 18X3	45	12	300	18	450	3	75	2/11498	2,15
CCEFV45-12 24X3	45	12	300	24	600	3	75	2/11499	2,52
CCEFV-12 6X3	90	12	300	6	150	3	75	2/11500	3,35
CCEFV-12 9X3	90	12	300	9	230	3	75	2/11501	3,72
CCEFV-12 12X3	90	12	300	12	300	3	75	2/11502	4,08
CCEFV-12 18X3	90	12	300	18	450	3	75	2/11503	4,81
CCEFV-12 24X3	90	12	300	24	600	3	75	2/11504	5,54

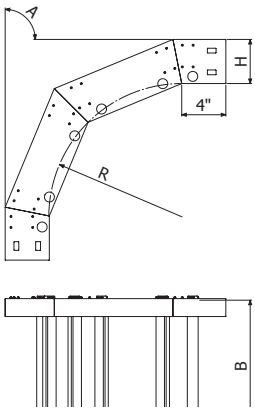
2 x JUEFV 3 (2/12068)



CXEFV H3

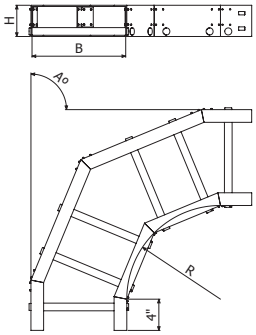
	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X3	45	12	300	6	150	3	75	2/11631	1,43
CXEFV45-12 9X3	45	12	300	9	230	3	75	2/11632	1,61
CXEFV45-12 12X3	45	12	300	12	300	3	75	2/11633	1,79
CXEFV45-12 18X3	45	12	300	18	450	3	75	2/11634	2,15
CXEFV45-12 24X3	45	12	300	24	600	3	75	2/11635	2,52
CXEFV-12 6X3	90	12	300	6	150	3	75	2/11636	3,35
CXEFV-12 9X3	90	12	300	9	230	3	75	2/11637	3,72
CXEFV-12 12X3	90	12	300	12	300	3	75	2/11638	4,08
CXEFV-12 18X3	90	12	300	18	450	3	75	2/11639	4,81
CXEFV-12 24X3	90	12	300	24	600	3	75	2/11640	5,54

2 x JUEFV 3 (2/12068)



CPEFV H4

	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X4	45	12	300	6	150	4	100	2/11369	1,28
CPEFV45-12 9X4	45	12	300	9	225	4	100	2/11370	1,46
CPEFV45-12 12X4	45	12	300	12	300	4	100	2/11371	1,65
CPEFV45-12 18X4	45	12	300	18	450	4	100	2/11372	2,01
CPEFV45-12 24X4	45	12	300	24	600	4	100	2/11373	2,37
CPEFV45-12 30X4	45	12	300	30	750	4	100	2/11374	2,74
CPEFV45-12 36X4	45	12	300	36	900	4	100	2/11375	2,86
CPEFV-12 6X4	90	12	300	6	150	4	100	2/11376	2,56
CPEFV-12 9X4	90	12	300	9	225	4	100	2/11377	2,93
CPEFV-12 12X4	90	12	300	12	300	4	100	2/11378	3,29
CPEFV-12 18X4	90	12	300	18	450	4	100	2/11379	4,02
CPEFV-12 24X4	90	12	300	24	600	4	100	2/11380	4,75
CPEFV-12 30X4	90	12	300	30	750	4	100	2/11381	5,48
CPEFV-12 36X4	90	12	300	36	900	4	100	2/11382	5,72
CPEFV45-24 6X4	45	24	600	6	150	4	100	2/11383	1,47
CPEFV45-24 9X4	45	24	600	9	225	4	100	2/11384	1,68
CPEFV45-24 12X4	45	24	600	12	300	4	100	2/11385	1,89
CPEFV45-24 18X4	45	24	600	18	450	4	100	2/11386	2,31
CPEFV45-24 24X4	45	24	600	24	600	4	100	2/11387	2,73
CPEFV45-24 30X4	45	24	600	30	750	4	100	2/11388	3,15
CPEFV45-24 36X4	45	24	600	36	900	4	100	2/11389	3,29
CPEFV-24 6X4	90	24	600	6	150	4	100	2/11390	2,95
CPEFV-24 9X4	90	24	600	9	225	4	100	2/11391	3,36
CPEFV-24 12X4	90	24	600	12	300	4	100	2/11392	3,78
CPEFV-24 18X4	90	24	600	18	450	4	100	2/11393	4,62
CPEFV-24 24X4	90	24	600	24	600	4	100	2/11394	5,46
CPEFV-24 30X4	90	24	600	30	750	4	100	2/11395	6,30
CPEFV-24 36X4	90	24	600	36	900	4	100	2/11396	6,58
CPEFV45-36 6X4	45	36	900	6	150	4	100	2/11397	1,69
CPEFV45-36 9X4	45	36	900	9	225	4	100	2/11398	1,93
CPEFV45-36 12X4	45	36	900	12	300	4	100	2/11399	2,18
CPEFV45-36 18X4	45	36	900	18	450	4	100	2/11400	2,66
CPEFV45-36 24X4	45	36	900	24	600	4	100	2/11401	3,14
CPEFV45-36 30X4	45	36	900	30	750	4	100	2/11402	3,62
CPEFV45-36 36X4	45	36	900	36	900	4	100	2/11403	3,78
CPEFV-36 6X4	90	36	900	6	150	4	100	2/11404	3,39
CPEFV-36 9X4	90	36	900	9	225	4	100	2/11405	3,87
CPEFV-36 12X4	90	36	900	12	300	4	100	2/11406	4,35
CPEFV-36 18X4	90	36	900	18	450	4	100	2/11407	5,31
CPEFV-36 24X4	90	36	900	24	600	4	100	2/11408	6,28
CPEFV-36 30X4	90	36	900	30	750	4	100	2/11409	7,24
CPEFV-36 36X4	90	36	900	36	900	4	100	2/11410	7,56

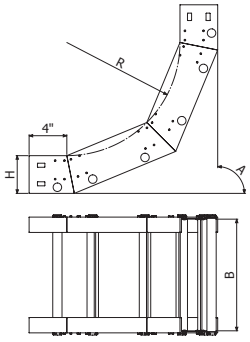


2 x JUEFV 4 (2/12069)

CCEFV H4

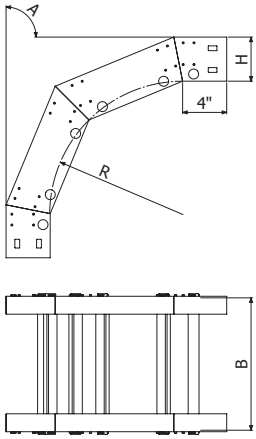
	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X4	45	12	300	6	150	4	100	2/11505	1,93
CCEFV45-12 9X4	45	12	300	9	225	4	100	2/11506	2,11
CCEFV45-12 12X4	45	12	300	12	300	4	100	2/11507	2,29
CCEFV45-12 18X4	45	12	300	18	450	4	100	2/11508	2,65
CCEFV45-12 24X4	45	12	300	24	600	4	100	2/11509	3,02
CCEFV45-12 30X4	45	12	300	30	750	4	100	2/11510	3,38
CCEFV45-12 36X4	45	12	300	36	900	4	100	2/11511	3,50
CCEFV-12 6X4	90	12	300	6	150	4	100	2/11512	3,85
CCEFV-12 9X4	90	12	300	9	225	4	100	2/11513	4,22
CCEFV-12 12X4	90	12	300	12	300	4	100	2/11514	4,58
CCEFV-12 18X4	90	12	300	18	450	4	100	2/11515	5,31
CCEFV-12 24X4	90	12	300	24	600	4	100	2/11516	6,04
CCEFV-12 30X4	90	12	300	30	750	4	100	2/11517	6,77
CCEFV-12 36X4	90	12	300	36	900	4	100	2/11518	7,01
CCEFV45-24 6X4	45	24	600	6	150	4	100	2/11519	2,21
CCEFV45-24 9X4	45	24	600	9	225	4	100	2/11520	2,42
CCEFV45-24 12X4	45	24	600	12	300	4	100	2/11521	2,63
CCEFV45-24 18X4	45	24	600	18	450	4	100	2/11522	3,05
CCEFV45-24 24X4	45	24	600	24	600	4	100	2/11523	3,47
CCEFV45-24 30X4	45	24	600	30	750	4	100	2/11524	3,89
CCEFV45-24 36X4	45	24	600	36	900	4	100	2/11525	4,03
CCEFV-24 6X4	90	24	600	6	150	4	100	2/11526	4,43
CCEFV-24 9X4	90	24	600	9	225	4	100	2/11527	4,85
CCEFV-24 12X4	90	24	600	12	300	4	100	2/11528	5,27
CCEFV-24 18X4	90	24	600	18	450	4	100	2/11529	6,10
CCEFV-24 24X4	90	24	600	24	600	4	100	2/11530	6,94
CCEFV-24 30X4	90	24	600	30	750	4	100	2/11531	7,78
CCEFV-24 36X4	90	24	600	36	900	4	100	2/11532	8,06
CCEFV45-36 6X4	45	36	900	6	150	4	100	2/11533	2,55
CCEFV45-36 9X4	45	36	900	9	225	4	100	2/11534	2,79
CCEFV45-36 12X4	45	36	900	12	300	4	100	2/11535	3,03
CCEFV45-36 18X4	45	36	900	18	450	4	100	2/11536	3,51
CCEFV45-36 24X4	45	36	900	24	600	4	100	2/11537	3,99
CCEFV45-36 30X4	45	36	900	30	750	4	100	2/11538	4,47
CCEFV45-36 36X4	45	36	900	36	900	4	100	2/11539	4,63
CCEFV-36 6X4	90	36	900	6	150	4	100	2/11540	5,09
CCEFV-36 9X4	90	36	900	9	225	4	100	2/11541	5,58
CCEFV-36 12X4	90	36	900	12	300	4	100	2/11542	6,06
CCEFV-36 18X4	90	36	900	18	450	4	100	2/11543	7,02
CCEFV-36 24X4	90	36	900	24	600	4	100	2/11544	7,98
CCEFV-36 30X4	90	36	900	30	750	4	100	2/11545	8,95
CCEFV-36 36X4	90	36	900	36	900	4	100	2/11546	9,27

2 x JUEFV 4 (2/12069)



CXEFV H4

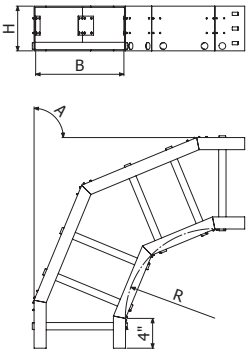
	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X4	45	12	300	6	150	4	100	2/11641	1,93
CXEFV45-12 9X4	45	12	300	9	225	4	100	2/11642	2,11
CXEFV45-12 12X4	45	12	300	12	300	4	100	2/11643	2,29
CXEFV45-12 18X4	45	12	300	18	450	4	100	2/11644	2,65
CXEFV45-12 24X4	45	12	300	24	600	4	100	2/11645	3,02
CXEFV45-12 30X4	45	12	300	30	750	4	100	2/11646	3,38
CXEFV45-12 36X4	45	12	300	36	900	4	100	2/11647	3,50
CXEFV-12 6X4	90	12	300	6	150	4	100	2/11648	3,85
CXEFV-12 9X4	90	12	300	9	225	4	100	2/11649	4,22
CXEFV-12 12X4	90	12	300	12	300	4	100	2/11650	4,58
CXEFV-12 18X4	90	12	300	18	450	4	100	2/11651	5,31
CXEFV-12 24X4	90	12	300	24	600	4	100	2/11652	6,04
CXEFV-12 30X4	90	12	300	30	750	4	100	2/11653	6,77
CXEFV-12 36X4	90	12	300	36	900	4	100	2/11654	7,01
CXEFV45-24 6X4	45	24	600	6	150	4	100	2/11655	2,21
CXEFV45-24 9X4	45	24	600	9	225	4	100	2/11656	2,42
CXEFV45-24 12X4	45	24	600	12	300	4	100	2/11657	2,63
CXEFV45-24 18X4	45	24	600	18	450	4	100	2/11658	3,05
CXEFV45-24 24X4	45	24	600	24	600	4	100	2/11659	3,47
CXEFV45-24 30X4	45	24	600	30	750	4	100	2/11660	3,89
CXEFV45-24 36X4	45	24	600	36	900	4	100	2/11661	4,03
CXEFV-24 6X4	90	24	600	6	150	4	100	2/11662	4,43
CXEFV-24 9X4	90	24	600	9	225	4	100	2/11663	4,85
CXEFV-24 12X4	90	24	600	12	300	4	100	2/11664	5,27
CXEFV-24 18X4	90	24	600	18	450	4	100	2/11665	6,10
CXEFV-24 24X4	90	24	600	24	600	4	100	2/11666	6,94
CXEFV-24 30X4	90	24	600	30	750	4	100	2/11667	7,78
CXEFV-24 36X4	90	24	600	36	900	4	100	2/11668	8,06
CXEFV45-36 6X4	45	36	900	6	150	4	100	2/11669	2,55
CXEFV45-36 9X4	45	36	900	9	225	4	100	2/11670	2,79
CXEFV45-36 12X4	45	36	900	12	300	4	100	2/11671	3,03
CXEFV45-36 18X4	45	36	900	18	450	4	100	2/11672	3,51
CXEFV45-36 24X4	45	36	900	24	600	4	100	2/11673	3,99
CXEFV45-36 30X4	45	36	900	30	750	4	100	2/11674	4,47
CXEFV45-36 36X4	45	36	900	36	900	4	100	2/11675	4,63
CXEFV-36 6X4	90	36	900	6	150	4	100	2/11676	5,09
CXEFV-36 9X4	90	36	900	9	225	4	100	2/11677	5,58
CXEFV-36 12X4	90	36	900	12	300	4	100	2/11678	6,06
CXEFV-36 18X4	90	36	900	18	450	4	100	2/11679	7,02
CXEFV-36 24X4	90	36	900	24	600	4	100	2/11680	7,98
CXEFV-36 30X4	90	36	900	30	750	4	100	2/11681	8,95
CXEFV-36 36X4	90	36	900	36	900	4	100	2/11682	9,27



2 x JUEFV 4 (2/12069)

CPEFV H6

	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X6	45	12	300	6	150	6	150	2/11411	2,43
CPEFV45-12 9X6	45	12	300	9	225	6	150	2/11412	2,61
CPEFV45-12 12X6	45	12	300	12	300	6	150	2/11413	2,80
CPEFV45-12 18X6	45	12	300	18	450	6	150	2/11414	3,16
CPEFV45-12 24X6	45	12	300	24	600	6	150	2/11415	3,52
CPEFV45-12 30X6	45	12	300	30	750	6	150	2/11416	3,89
CPEFV45-12 36X6	45	12	300	36	900	6	150	2/11417	4,01
CPEFV-12 6X6	90	12	300	6	150	6	150	2/11418	3,71
CPEFV-12 9X6	90	12	300	9	225	6	150	2/11419	4,08
CPEFV-12 12X6	90	12	300	12	300	6	150	2/11420	4,44
CPEFV-12 18X6	90	12	300	18	450	6	150	2/11421	5,17
CPEFV-12 24X6	90	12	300	24	600	6	150	2/11422	5,90
CPEFV-12 30X6	90	12	300	30	750	6	150	2/11423	6,63
CPEFV-12 36X6	90	12	300	36	900	6	150	2/11424	7,36
CPEFV45-24 6X6	45	24	600	6	150	6	150	2/11425	3,00
CPEFV45-24 9X6	45	24	600	9	225	6	150	2/11426	3,21
CPEFV45-24 12X6	45	24	600	12	300	6	150	2/11427	3,63
CPEFV45-24 18X6	45	24	600	18	450	6	150	2/11428	4,05
CPEFV45-24 24X6	45	24	600	24	600	6	150	2/11429	4,47
CPEFV45-24 30X6	45	24	600	30	750	6	150	2/11430	4,61
CPEFV45-24 36X6	45	24	600	36	900	6	150	2/11431	4,27
CPEFV-24 6X6	90	24	600	6	150	6	150	2/11432	4,69
CPEFV-24 9X6	90	24	600	9	225	6	150	2/11433	5,11
CPEFV-24 12X6	90	24	600	12	300	6	150	2/11434	5,94
CPEFV-24 18X6	90	24	600	18	450	6	150	2/11435	6,78
CPEFV-24 24X6	90	24	600	24	600	6	150	2/11436	7,62
CPEFV-24 30X6	90	24	600	30	750	6	150	2/11437	8,46
CPEFV-24 36X6	90	24	600	36	900	6	150	2/11438	9,30
CPEFV45-36 6X6	45	36	900	6	150	6	150	2/11439	3,21
CPEFV45-36 9X6	45	36	900	9	225	6	150	2/11440	3,46
CPEFV45-36 12X6	45	36	900	12	300	6	150	2/11441	3,70
CPEFV45-36 18X6	45	36	900	18	450	6	150	2/11442	4,18
CPEFV45-36 24X6	45	36	900	24	600	6	150	2/11443	4,66
CPEFV45-36 30X6	45	36	900	30	750	6	150	2/11444	5,14
CPEFV45-36 36X6	45	36	900	36	900	6	150	2/11445	5,30
CPEFV-36 6X6	90	36	900	6	150	6	150	2/11446	4,91
CPEFV-36 9X6	90	36	900	9	225	6	150	2/11447	5,39
CPEFV-36 12X6	90	36	900	12	300	6	150	2/11448	5,87
CPEFV-36 18X6	90	36	900	18	450	6	150	2/11449	6,84
CPEFV-36 24X6	90	36	900	24	600	6	150	2/11450	7,80
CPEFV-36 30X6	90	36	900	30	750	6	150	2/11451	8,76
CPEFV-36 36X6	90	36	900	36	900	6	150	2/11452	9,72

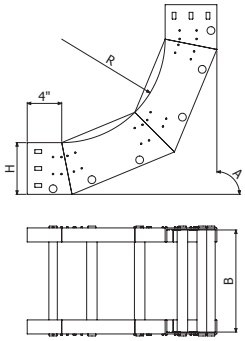


2 x JUEFV 6 (2/12070)

CCEFV H6

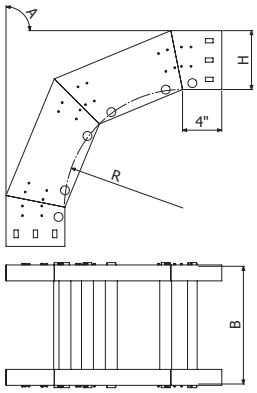
	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X6	45	12	300	6	150	6	150	2/11547	3,08
CCEFV45-12 9X6	45	12	300	9	225	6	150	2/11548	3,26
CCEFV45-12 12X6	45	12	300	12	300	6	150	2/11549	3,44
CCEFV45-12 18X6	45	12	300	18	450	6	150	2/11550	3,80
CCEFV45-12 24X6	45	12	300	24	600	6	150	2/11551	4,17
CCEFV45-12 30X6	45	12	300	30	750	6	150	2/11552	4,53
CCEFV45-12 36X6	45	12	300	36	900	6	150	2/11553	4,65
CCEFV-12 6X6	90	12	300	6	150	6	150	2/11554	5,00
CCEFV-12 9X6	90	12	300	9	225	6	150	2/11555	5,37
CCEFV-12 12X6	90	12	300	12	300	6	150	2/11556	5,73
CCEFV-12 18X6	90	12	300	18	450	6	150	2/11557	6,46
CCEFV-12 24X6	90	12	300	24	600	6	150	2/11558	7,19
CCEFV-12 30X6	90	12	300	30	750	6	150	2/11559	7,92
CCEFV-12 36X6	90	12	300	36	900	6	150	2/11560	8,65
CCEFV45-24 6X6	45	24	600	6	150	6	150	2/11561	3,75
CCEFV45-24 9X6	45	24	600	9	225	6	150	2/11562	3,96
CCEFV45-24 12X6	45	24	600	12	300	6	150	2/11563	4,37
CCEFV45-24 18X6	45	24	600	18	450	6	150	2/11564	4,79
CCEFV45-24 24X6	45	24	600	24	600	6	150	2/11565	5,21
CCEFV45-24 30X6	45	24	600	30	750	6	150	2/11566	5,35
CCEFV45-24 36X6	45	24	600	36	900	6	150	2/11567	5,75
CCEFV-24 6X6	90	24	600	6	150	6	150	2/11568	6,17
CCEFV-24 9X6	90	24	600	9	225	6	150	2/11569	6,59
CCEFV-24 12X6	90	24	600	12	300	6	150	2/11570	7,43
CCEFV-24 18X6	90	24	600	18	450	6	150	2/11571	8,27
CCEFV-24 24X6	90	24	600	24	600	6	150	2/11572	9,10
CCEFV-24 30X6	90	24	600	30	750	6	150	2/11573	9,93
CCEFV-24 36X6	90	24	600	36	900	6	150	2/11574	10,76
CCEFV45-36 6X6	45	36	900	6	150	6	150	2/11575	4,07
CCEFV45-36 9X6	45	36	900	9	225	6	150	2/11576	4,31
CCEFV45-36 12X6	45	36	900	12	300	6	150	2/11577	4,55
CCEFV45-36 18X6	45	36	900	18	450	6	150	2/11578	5,03
CCEFV45-36 24X6	45	36	900	24	600	6	150	2/11579	5,51
CCEFV45-36 30X6	45	36	900	30	750	6	150	2/11580	5,99
CCEFV45-36 36X6	45	36	900	36	900	6	150	2/11581	6,16
CCEFV-36 6X6	90	36	900	6	150	6	150	2/11582	6,61
CCEFV-36 9X6	90	36	900	9	225	6	150	2/11583	7,10
CCEFV-36 12X6	90	36	900	12	300	6	150	2/11584	7,58
CCEFV-36 18X6	90	36	900	18	450	6	150	2/11585	8,54
CCEFV-36 24X6	90	36	900	24	600	6	150	2/11586	9,50
CCEFV-36 30X6	90	36	900	30	750	6	150	2/11587	10,47
CCEFV-36 36X6	90	36	900	36	900	6	150	2/11588	11,44

2 x JUEFV 6 (2/12070)



CXEFV H6

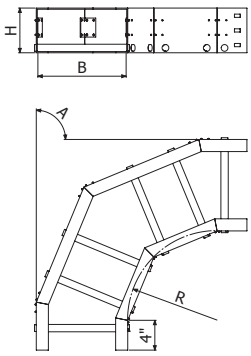
	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X6	45	12	300	6	150	6	150	2/11683	3,08
CXEFV45-12 9X6	45	12	300	9	225	6	150	2/11684	3,26
CXEFV45-12 12X6	45	12	300	12	300	6	150	2/11685	3,44
CXEFV45-12 18X6	45	12	300	18	450	6	150	2/11686	3,80
CXEFV45-12 24X6	45	12	300	24	600	6	150	2/11687	4,17
CXEFV45-12 30X6	45	12	300	30	750	6	150	2/11688	4,53
CXEFV45-12 36X6	45	12	300	36	900	6	150	2/11689	4,65
CXEFV-12 6X6	90	12	300	6	150	6	150	2/11690	5,00
CXEFV-12 9X6	90	12	300	9	225	6	150	2/11691	5,37
CXEFV-12 12X6	90	12	300	12	300	6	150	2/11692	5,73
CXEFV-12 18X6	90	12	300	18	450	6	150	2/11693	6,46
CXEFV-12 24X6	90	12	300	24	600	6	150	2/11694	7,19
CXEFV-12 30X6	90	12	300	30	750	6	150	2/11695	7,92
CXEFV-12 36X6	90	12	300	36	900	6	150	2/11696	8,65
CXEFV45-24 6X6	45	24	600	6	150	6	150	2/11697	3,75
CXEFV45-24 9X6	45	24	600	9	225	6	150	2/11698	3,96
CXEFV45-24 12X6	45	24	600	12	300	6	150	2/11699	4,37
CXEFV45-24 18X6	45	24	600	18	450	6	150	2/11700	4,79
CXEFV45-24 24X6	45	24	600	24	600	6	150	2/11701	5,21
CXEFV45-24 30X6	45	24	600	30	750	6	150	2/11702	5,35
CXEFV45-24 36X6	45	24	600	36	900	6	150	2/11703	5,75
CXEFV-24 6X6	90	24	600	6	150	6	150	2/11704	6,17
CXEFV-24 9X6	90	24	600	9	225	6	150	2/11705	6,59
CXEFV-24 12X6	90	24	600	12	300	6	150	2/11706	7,43
CXEFV-24 18X6	90	24	600	18	450	6	150	2/11707	8,27
CXEFV-24 24X6	90	24	600	24	600	6	150	2/11708	9,10
CXEFV-24 30X6	90	24	600	30	750	6	150	2/11709	9,93
CXEFV-24 36X6	90	24	600	36	900	6	150	2/11710	10,76
CXEFV45-36 6X6	45	36	900	6	150	6	150	2/11711	4,07
CXEFV45-36 9X6	45	36	900	9	225	6	150	2/11712	4,31
CXEFV45-36 12X6	45	36	900	12	300	6	150	2/11713	4,55
CXEFV45-36 18X6	45	36	900	18	450	6	150	2/11714	5,03
CXEFV45-36 24X6	45	36	900	24	600	6	150	2/11715	5,51
CXEFV45-36 30X6	45	36	900	30	750	6	150	2/11716	5,99
CXEFV45-36 36X6	45	36	900	36	900	6	150	2/11717	6,16
CXEFV-36 6X6	90	36	900	6	150	6	150	2/11718	6,61
CXEFV-36 9X6	90	36	900	9	225	6	150	2/11719	7,10
CXEFV-36 12X6	90	36	900	12	300	6	150	2/11720	7,58
CXEFV-36 18X6	90	36	900	18	450	6	150	2/11721	8,54
CXEFV-36 24X6	90	36	900	24	600	6	150	2/11722	9,50
CXEFV-36 30X6	90	36	900	30	750	6	150	2/11723	10,47
CXEFV-36 36X6	90	36	900	36	900	6	150	2/11724	11,44



2 x JUEFV 6 (2/12070)

CPEFV H8

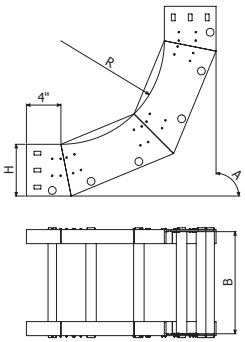
	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CPEFV45-12 6X8	45	12	300	6	150	8	200	2/11453	3,76
CPEFV45-12 9X8	45	12	300	9	225	8	200	2/11454	3,94
CPEFV45-12 12X8	45	12	300	12	300	8	200	2/11455	4,13
CPEFV45-12 18X8	45	12	300	18	450	8	200	2/11456	4,49
CPEFV45-12 24X8	45	12	300	24	600	8	200	2/11457	4,85
CPEFV45-12 30X8	45	12	300	30	750	8	200	2/11458	5,22
CPEFV45-12 36X8	45	12	300	36	900	8	200	2/11459	5,34
CPEFV-12 6X8	90	12	300	6	150	8	200	2/11460	5,04
CPEFV-12 9X8	90	12	300	9	225	8	200	2/11461	5,41
CPEFV-12 12X8	90	12	300	12	300	8	200	2/11462	5,77
CPEFV-12 18X8	90	12	300	18	450	8	200	2/11463	6,50
CPEFV-12 24X8	90	12	300	24	600	8	200	2/11464	7,23
CPEFV-12 30X8	90	12	300	30	750	8	200	2/11465	7,96
CPEFV-12 36X8	90	12	300	36	900	8	200	2/11466	8,69
CPEFV45-24 6X8	45	24	600	6	150	8	200	2/11467	4,32
CPEFV45-24 9X8	45	24	600	9	225	8	200	2/11468	4,53
CPEFV45-24 12X8	45	24	600	12	300	8	200	2/11469	4,74
CPEFV45-24 18X8	45	24	600	18	450	8	200	2/11470	5,16
CPEFV45-24 24X8	45	24	600	24	600	8	200	2/11471	5,58
CPEFV45-24 30X8	45	24	600	30	750	8	200	2/11472	6,00
CPEFV45-24 36X8	45	24	600	36	900	8	200	2/11473	6,14
CPEFV-24 6X8	90	24	600	6	150	8	200	2/11474	5,80
CPEFV-24 9X8	90	24	600	9	225	8	200	2/11475	6,22
CPEFV-24 12X8	90	24	600	12	300	8	200	2/11476	6,64
CPEFV-24 18X8	90	24	600	18	450	8	200	2/11477	7,47
CPEFV-24 24X8	90	24	600	24	600	8	200	2/11478	8,31
CPEFV-24 30X8	90	24	600	30	750	8	200	2/11479	9,15
CPEFV-24 36X8	90	24	600	36	900	8	200	2/11480	9,99
CPEFV45-36 6X8	45	36	900	6	150	8	200	2/11481	4,97
CPEFV45-36 9X8	45	36	900	9	225	8	200	2/11482	5,21
CPEFV45-36 12X8	45	36	900	12	300	8	200	2/11483	5,46
CPEFV45-36 18X8	45	36	900	18	450	8	200	2/11484	5,94
CPEFV45-36 24X8	45	36	900	24	600	8	200	2/11485	6,42
CPEFV45-36 30X8	45	36	900	30	750	8	200	2/11486	6,90
CPEFV45-36 36X8	45	36	900	36	900	8	200	2/11487	7,06
CPEFV-36 6X8	90	36	900	6	150	8	200	2/11488	6,67
CPEFV-36 9X8	90	36	900	9	225	8	200	2/11489	7,15
CPEFV-36 12X8	90	36	900	12	300	8	200	2/11490	7,63
CPEFV-36 18X8	90	36	900	18	450	8	200	2/11491	8,59
CPEFV-36 24X8	90	36	900	24	600	8	200	2/11492	9,56
CPEFV-36 30X8	90	36	900	30	750	8	200	2/11493	10,52
CPEFV-36 36X8	90	36	900	36	900	8	200	2/11494	11,48



2 x JUEFV 8 (2/12071)

CCEFV H8

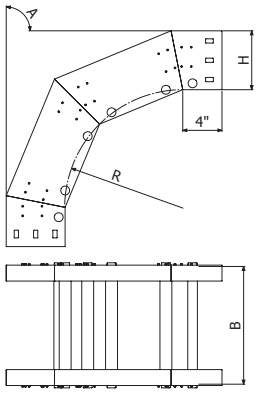
	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CCEFV45-12 6X8	45	12	300	6	150	8	200	2/11589	4,41
CCEFV45-12 9X8	45	12	300	9	225	8	200	2/11590	4,59
CCEFV45-12 12X8	45	12	300	12	300	8	200	2/11591	4,77
CCEFV45-12 18X8	45	12	300	18	450	8	200	2/11592	5,13
CCEFV45-12 24X8	45	12	300	24	600	8	200	2/11593	5,50
CCEFV45-12 30X8	45	12	300	30	750	8	200	2/11594	5,86
CCEFV45-12 36X8	45	12	300	36	900	8	200	2/11595	5,98
CCEFV-12 6X8	90	12	300	6	150	8	200	2/11596	6,33
CCEFV-12 9X8	90	12	300	9	225	8	200	2/11597	6,70
CCEFV-12 12X8	90	12	300	12	300	8	200	2/11598	7,06
CCEFV-12 18X8	90	12	300	18	450	8	200	2/11599	7,79
CCEFV-12 24X8	90	12	300	24	600	8	200	2/11600	8,52
CCEFV-12 30X8	90	12	300	30	750	8	200	2/11601	9,25
CCEFV-12 36X8	90	12	300	36	900	8	200	2/11602	9,98
CCEFV45-24 6X8	45	24	600	6	150	8	200	2/11603	5,07
CCEFV45-24 9X8	45	24	600	9	225	8	200	2/11604	5,28
CCEFV45-24 12X8	45	24	600	12	300	8	200	2/11605	5,49
CCEFV45-24 18X8	45	24	600	18	450	8	200	2/11606	5,90
CCEFV45-24 24X8	45	24	600	24	600	8	200	2/11607	6,32
CCEFV45-24 30X8	45	24	600	30	750	8	200	2/11608	6,74
CCEFV45-24 36X8	45	24	600	36	900	8	200	2/11609	6,88
CCEFV-24 6X8	90	24	600	6	150	8	200	2/11610	7,28
CCEFV-24 9X8	90	24	600	9	225	8	200	2/11611	7,70
CCEFV-24 12X8	90	24	600	12	300	8	200	2/11612	8,12
CCEFV-24 18X8	90	24	600	18	450	8	200	2/11613	8,96
CCEFV-24 24X8	90	24	600	24	600	8	200	2/11614	9,79
CCEFV-24 30X8	90	24	600	30	750	8	200	2/11615	10,63
CCEFV-24 36X8	90	24	600	36	900	8	200	2/11616	11,74
CCEFV45-36 6X8	45	36	900	6	150	8	200	2/11617	5,83
CCEFV45-36 9X8	45	36	900	9	225	8	200	2/11618	6,07
CCEFV45-36 12X8	45	36	900	12	300	8	200	2/11619	6,31
CCEFV45-36 18X8	45	36	900	18	450	8	200	2/11620	6,79
CCEFV45-36 24X8	45	36	900	24	600	8	200	2/11621	7,27
CCEFV45-36 30X8	45	36	900	30	750	8	200	2/11622	7,75
CCEFV45-36 36X8	45	36	900	36	900	8	200	2/11623	7,91
CCEFV-36 6X8	90	36	900	6	150	8	200	2/11624	8,37
CCEFV-36 9X8	90	36	900	9	225	8	200	2/11625	8,86
CCEFV-36 12X8	90	36	900	12	300	8	200	2/11626	9,34
CCEFV-36 18X8	90	36	900	18	450	8	200	2/11627	10,30
CCEFV-36 24X8	90	36	900	24	600	8	200	2/11628	11,26
CCEFV-36 30X8	90	36	900	30	750	8	200	2/11629	12,23
CCEFV-36 36X8	90	36	900	36	900	8	200	2/11630	13,20



2 x JUEFV 8 (2/12071)

CXEFV H8

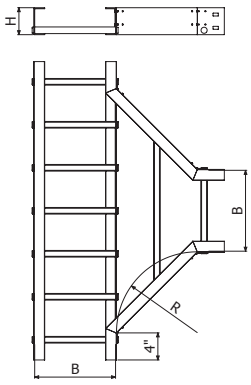
	A (º)	R		B		H		PRFV	
		inch	mm	inch	mm	inch	mm	REF	Kg/ud
CXEFV45-12 6X8	45	12	300	6	150	8	200	2/11725	4,41
CXEFV45-12 9X8	45	12	300	9	225	8	200	2/11726	4,59
CXEFV45-12 12X8	45	12	300	12	300	8	200	2/11727	4,77
CXEFV45-12 18X8	45	12	300	18	450	8	200	2/11728	5,13
CXEFV45-12 24X8	45	12	300	24	600	8	200	2/11729	5,50
CXEFV45-12 30X8	45	12	300	30	750	8	200	2/11730	5,86
CXEFV45-12 36X8	45	12	300	36	900	8	200	2/11731	5,98
CXEFV-12 6X8	90	12	300	6	150	8	200	2/11732	6,33
CXEFV-12 9X8	90	12	300	9	225	8	200	2/11733	6,70
CXEFV-12 12X8	90	12	300	12	300	8	200	2/11734	7,06
CXEFV-12 18X8	90	12	300	18	450	8	200	2/11735	7,79
CXEFV-12 24X8	90	12	300	24	600	8	200	2/11736	8,52
CXEFV-12 30X8	90	12	300	30	750	8	200	2/11737	9,25
CXEFV-12 36X8	90	12	300	36	900	8	200	2/11738	9,98
CXEFV45-24 6X8	45	24	600	6	150	8	200	2/11739	5,07
CXEFV45-24 9X8	45	24	600	9	225	8	200	2/11740	5,28
CXEFV45-24 12X8	45	24	600	12	300	8	200	2/11741	5,49
CXEFV45-24 18X8	45	24	600	18	450	8	200	2/11742	5,90
CXEFV45-24 24X8	45	24	600	24	600	8	200	2/11743	6,32
CXEFV45-24 30X8	45	24	600	30	750	8	200	2/11744	6,74
CXEFV45-24 36X8	45	24	600	36	900	8	200	2/11745	6,88
CXEFV-24 6X8	90	24	600	6	150	8	200	2/11746	7,28
CXEFV-24 9X8	90	24	600	9	225	8	200	2/11747	7,70
CXEFV-24 12X8	90	24	600	12	300	8	200	2/11748	8,12
CXEFV-24 18X8	90	24	600	18	450	8	200	2/11749	8,96
CXEFV-24 24X8	90	24	600	24	600	8	200	2/11750	9,79
CXEFV-24 30X8	90	24	600	30	750	8	200	2/11751	10,63
CXEFV-24 36X8	90	24	600	36	900	8	200	2/11752	11,47
CXEFV45-36 6X8	45	36	900	6	150	8	200	2/11753	5,83
CXEFV45-36 9X8	45	36	900	9	225	8	200	2/11754	6,07
CXEFV45-36 12X8	45	36	900	12	300	8	200	2/11755	6,31
CXEFV45-36 18X8	45	36	900	18	450	8	200	2/11756	6,79
CXEFV45-36 24X8	45	36	900	24	600	8	200	2/11757	7,27
CXEFV45-36 30X8	45	36	900	30	750	8	200	2/11758	7,75
CXEFV45-36 36X8	45	36	900	36	900	8	200	2/11759	7,91
CXEFV-36 6X8	90	36	900	6	150	8	200	2/11760	8,37
CXEFV-36 9X8	90	36	900	9	225	8	200	2/11761	8,86
CXEFV-36 12X8	90	36	900	12	300	8	200	2/11762	9,34
CXEFV-36 18X8	90	36	900	18	450	8	200	2/11763	10,30
CXEFV-36 24X8	90	36	900	24	600	8	200	2/11764	11,26
CXEFV-36 30X8	90	36	900	30	750	8	200	2/11765	12,23
CXEFV-36 36X8	90	36	900	36	900	8	200	2/11766	13,20



2 x JUEFV 8 (2/12071)

TEEFV H3, H4

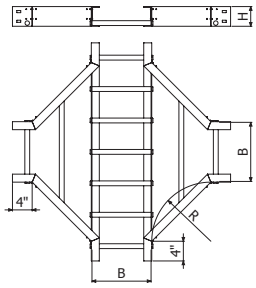
	R		B		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
TEEFV-12 6X3	12	300	6	150	3	75	2/11767	5,58
TEEFV-12 9X3	12	300	9	225	3	75	2/11768	6,06
TEEFV-12 12X3	12	300	12	300	3	75	2/11769	6,55
TEEFV-12 18X3	12	300	18	450	3	75	2/11770	7,52
TEEFV-12 24X3	12	300	24	600	3	75	2/11771	8,49
TEEFV-12 6X4	12	300	6	150	4	100	2/11772	6,33
TEEFV-12 9X4	12	300	9	225	4	100	2/11773	6,81
TEEFV-12 12X4	12	300	12	300	4	100	2/11774	7,30
TEEFV-12 18X4	12	300	18	450	4	100	2/11775	8,27
TEEFV-12 24X4	12	300	24	600	4	100	2/11776	9,24
TEEFV-12 30X4	12	300	30	750	4	100	2/11777	10,21
TEEFV-12 36X4	12	300	36	900	4	100	2/11778	10,54
TEEFV-24 6X4	24	600	6	150	4	100	2/11779	7,28
TEEFV-24 9X4	24	600	9	225	4	100	2/11780	7,84
TEEFV-24 12X4	24	600	12	300	4	100	2/11781	8,40
TEEFV-24 18X4	24	600	18	450	4	100	2/11782	9,51
TEEFV-24 24X4	24	600	24	600	4	100	2/11783	10,63
TEEFV-24 30X4	24	600	30	750	4	100	2/11784	11,75
TEEFV-24 36X4	24	600	36	900	4	100	2/11785	12,12
TEEFV-36 6X4	36	900	6	150	4	100	2/11786	8,37
TEEFV-36 9X4	36	900	9	225	4	100	2/11787	9,01
TEEFV-36 12X4	36	900	12	300	4	100	2/11788	9,65
TEEFV-36 18X4	36	900	18	450	4	100	2/11789	10,94
TEEFV-36 24X4	36	900	24	600	4	100	2/11790	12,22
TEEFV-36 30X4	36	900	30	750	4	100	2/11791	13,51
TEEFV-36 36X4	36	900	36	900	4	100	2/11792	13,94



2 x JUEFV H3 (2/12068)
2 x JUEFV H4 (2/12069)

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	2/11838	6,69
CREFV-12 9X3	12	300	9	225	3	75	2/11839	7,48
CREFV-12 12X3	12	300	12	300	3	75	2/11840	8,27
CREFV-12 18X3	12	300	18	450	3	75	2/11841	9,85
CREFV-12 24X3	12	300	24	600	3	75	2/11842	11,43
CREFV-12 6X4	12	300	6	150	4	100	2/11843	7,64
CREFV-12 9X4	12	300	9	225	4	100	2/11844	8,43
CREFV-12 12X4	12	300	12	300	4	100	2/11845	9,22
CREFV-12 18X4	12	300	18	450	4	100	2/11846	10,80
CREFV-12 24X4	12	300	24	600	4	100	2/11847	12,38
CREFV-12 30X4	12	300	30	750	4	100	2/11848	13,96
CREFV-12 36X4	12	300	36	900	4	100	2/11849	14,48
CREFV-24 6X4	24	600	6	150	4	100	2/11850	8,79
CREFV-24 9X4	24	600	9	225	4	100	2/11851	9,70
CREFV-24 12X4	24	600	12	300	4	100	2/11852	10,60
CREFV-24 18X4	24	600	18	450	4	100	2/11853	12,42
CREFV-24 24X4	24	600	24	600	4	100	2/11854	14,23
CREFV-24 30X4	24	600	30	750	4	100	2/11855	16,05
CREFV-24 36X4	24	600	36	900	4	100	2/11856	16,65
CREFV-36 6X4	36	900	6	150	4	100	2/11857	10,11
CREFV-36 9X4	36	900	9	225	4	100	2/11858	11,15
CREFV-36 12X4	36	900	12	300	4	100	2/11859	12,19
CREFV-36 18X4	36	900	18	450	4	100	2/11860	14,28
CREFV-36 24X4	36	900	24	600	4	100	2/11861	16,37
CREFV-36 30X4	36	900	30	750	4	100	2/11862	18,46
CREFV-36 36X4	36	900	36	900	4	100	2/11863	19,15



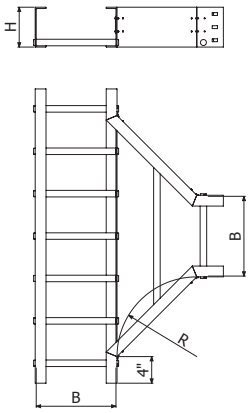
2 x JUEFV H3 (2/12068)
2 x JUEFV H4 (2/12069)

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	2/11793	7,83
TEEFV-12 9X6	12	300	9	225	6	150	2/11794	8,31
TEEFV-12 12X6	12	300	12	300	6	150	2/11795	8,80
TEEFV-12 18X6	12	300	18	450	6	150	2/11796	9,77
TEEFV-12 24X6	12	300	24	600	6	150	2/11797	10,74
TEEFV-12 30X6	12	300	30	750	6	150	2/11798	11,71
TEEFV-12 36X6	12	300	36	900	6	150	2/11799	12,04
TEEFV-24 6X6	24	600	6	150	6	150	2/11800	8,78
TEEFV-24 9X6	24	600	9	225	6	150	2/11801	9,34
TEEFV-24 12X6	24	600	12	300	6	150	2/11802	9,90
TEEFV-24 18X6	24	600	18	450	6	150	2/11806	11,01
TEEFV-24 24X6	24	600	24	600	6	150	2/11807	12,13
TEEFV-24 30X6	24	600	30	750	6	150	2/11808	13,25
TEEFV-24 36X6	24	600	36	900	6	150	2/11809	13,62
TEEFV-36 6X6	36	900	6	150	6	150	2/11810	9,87
TEEFV-36 9X6	36	900	9	225	6	150	2/11811	10,51
TEEFV-36 12X6	36	900	12	300	6	150	2/11812	11,15
TEEFV-36 18X6	36	900	18	450	6	150	2/11813	12,44
TEEFV-36 24X6	36	900	24	600	6	150	2/11814	13,72
TEEFV-36 30X6	36	900	30	750	6	150	2/11815	15,01
TEEFV-36 36X6	36	900	36	900	6	150	2/11816	15,44
TEEFV-12 6X8	12	300	6	150	8	200	2/11817	9,33
TEEFV-12 9X8	12	300	9	225	8	200	2/11818	9,81
TEEFV-12 12X8	12	300	12	300	8	200	2/11819	10,30
TEEFV-12 18X8	12	300	18	450	8	200	2/11820	11,27
TEEFV-12 24X8	12	300	24	600	8	200	2/11821	12,24
TEEFV-12 30X8	12	300	30	750	8	200	2/11822	13,21
TEEFV-12 36X8	12	300	36	900	8	200	2/11823	13,54
TEEFV-24 6X8	24	600	6	150	8	200	2/11824	10,28
TEEFV-24 9X8	24	600	9	225	8	200	2/11825	10,84
TEEFV-24 12X8	24	600	12	300	8	200	2/11826	11,40
TEEFV-24 18X8	24	600	18	450	8	200	2/11827	12,51
TEEFV-24 24X8	24	600	24	600	8	200	2/11828	13,63
TEEFV-24 30X8	24	600	30	750	8	200	2/11829	14,75
TEEFV-24 36X8	24	600	36	900	8	200	2/11830	15,12
TEEFV-36 6X8	36	900	6	150	8	200	2/11831	11,37
TEEFV-36 9X8	36	900	9	225	8	200	2/11832	12,01
TEEFV-36 12X8	36	900	12	300	8	200	2/11833	12,65
TEEFV-36 18X8	36	900	18	450	8	200	2/11834	13,94
TEEFV-36 24X8	36	900	24	600	8	200	2/11835	15,22
TEEFV-36 30X8	36	900	30	750	8	200	2/11836	16,51
TEEFV-36 36X8	36	900	36	900	8	200	2/11837	16,94

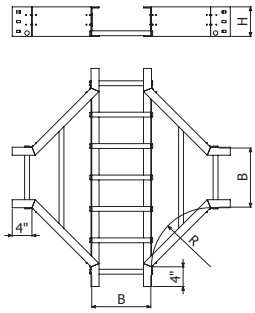
2 x JUEFV H6 (2/12070)
2 x JUEFV H8 (2/12071)



TEEFV'A'-'R' 'B'x"H'

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	2/11864	9,14
CREFV-12 9X6	12	300	9	225	6	150	2/11865	9,93
CREFV-12 12X6	12	300	12	300	6	150	2/11866	10,72
CREFV-12 18X6	12	300	18	450	6	150	2/11867	12,30
CREFV-12 24X6	12	300	24	600	6	150	2/11868	13,88
CREFV-12 30X6	12	300	30	750	6	150	2/11869	15,46
CREFV-12 36X6	12	300	36	900	6	150	2/11870	15,98
CREFV-24 6X6	24	600	6	150	6	150	2/11871	10,29
CREFV-24 9X6	24	600	9	225	6	150	2/11872	11,20
CREFV-24 12X6	24	600	12	300	6	150	2/11873	12,10
CREFV-24 18X6	24	600	18	450	6	150	2/11874	13,92
CREFV-24 24X6	24	600	24	600	6	150	2/11875	15,73
CREFV-24 30X6	24	600	30	750	6	150	2/11876	17,55
CREFV-24 36X6	24	600	36	900	6	150	2/11877	18,15
CREFV-36 6X6	36	900	6	150	6	150	2/11878	11,61
CREFV-36 9X6	36	900	9	225	6	150	2/11879	12,65
CREFV-36 12X6	36	900	12	300	6	150	2/11880	13,69
CREFV-36 18X6	36	900	18	450	6	150	2/11881	15,78
CREFV-36 24X6	36	900	24	600	6	150	2/11882	17,87
CREFV-36 30X6	36	900	30	750	6	150	2/11883	19,96
CREFV-36 36X6	36	900	36	900	6	150	2/11884	20,65
CREFV-12 6X8	12	300	6	150	8	200	2/11885	10,64
CREFV-12 9X8	12	300	9	225	8	200	2/11886	11,43
CREFV-12 12X8	12	300	12	300	8	200	2/11887	12,22
CREFV-12 18X8	12	300	18	450	8	200	2/11888	13,80
CREFV-12 24X8	12	300	24	600	8	200	2/11889	15,38
CREFV-12 30X8	12	300	30	750	8	200	2/11890	16,96
CREFV-12 36X8	12	300	36	900	8	200	2/11891	17,48
CREFV-24 6X8	24	600	6	150	8	200	2/11892	11,79
CREFV-24 9X8	24	600	9	225	8	200	2/11893	12,70
CREFV-24 12X8	24	600	12	300	8	200	2/11894	13,60
CREFV-24 18X8	24	600	18	450	8	200	2/11895	15,42
CREFV-24 24X8	24	600	24	600	8	200	2/11896	17,23
CREFV-24 30X8	24	600	30	750	8	200	2/11897	19,05
CREFV-24 36X8	24	600	36	900	8	200	2/11898	19,65
CREFV-36 6X8	36	900	6	150	8	200	2/11899	13,11
CREFV-36 9X8	36	900	9	225	8	200	2/11900	14,15
CREFV-36 12X8	36	900	12	300	8	200	2/11901	15,19
CREFV-36 18X8	36	900	18	450	8	200	2/11902	17,28
CREFV-36 24X8	36	900	24	600	8	200	2/11903	19,37
CREFV-36 30X8	36	900	30	750	8	200	2/11904	21,46
CREFV-36 36X8	36	900	36	900	8	200	2/11905	22,15

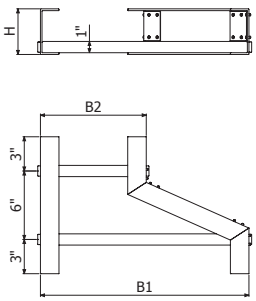


2 x JUEFV H6 (2/12070)
2 x JUEFV H8 (2/12071)

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	2/11906	1,45
RIEFV 12/9X3	12	300	9	225	3	75	2/11907	1,57
RIEFV 12/6X3	12	300	6	100	3	75	2/11908	1,51
RIEFV 18/12X3	18	450	12	300	3	75	2/11909	1,76
RIEFV 18/9X3	18	450	9	225	3	75	2/11910	1,70
RIEFV 18/6X3	18	450	6	100	3	75	2/11911	1,64
RIEFV 24/18X3	24	600	18	450	3	75	2/11912	2,00
RIEFV 24/12X3	24	600	12	300	3	75	2/11913	1,88
RIEFV 24/9X3	24	600	9	225	3	75	2/11914	1,82
RIEFV 9/6X4	9	225	6	100	4	100	2/11915	1,70
RIEFV 12/9X4	12	300	9	225	4	100	2/11916	1,82
RIEFV 12/6X4	12	300	6	100	4	100	2/11917	1,76
RIEFV 18/12X4	18	450	12	300	4	100	2/11918	2,01
RIEFV 18/9X4	18	450	9	225	4	100	2/11919	1,95
RIEFV 18/6X4	18	450	6	100	4	100	2/11920	1,89
RIEFV 24/18X4	24	600	18	450	4	100	2/11921	2,25
RIEFV 24/12X4	24	600	12	300	4	100	2/11922	2,13
RIEFV 24/9X4	24	600	9	225	4	100	2/11923	2,07
RIEFV 30/24X4	30	750	24	600	4	100	2/11924	2,49
RIEFV 30/18X4	30	750	18	450	4	100	2/11925	2,37
RIEFV 30/12X4	30	750	12	300	4	100	2/11926	2,25
RIEFV 36/30X4	36	900	30	750	4	100	2/11927	2,65
RIEFV 36/24X4	36	900	24	600	4	100	2/11928	2,53
RIEFV 36/18X4	36	900	18	450	4	100	2/11929	2,41

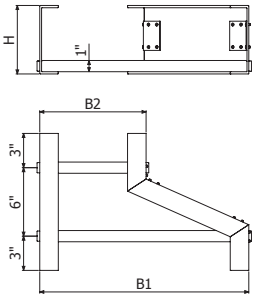
2 x JUEFV 3 (2/12068)
2 x JUEFV 4 (2/12069)



RIEFV H6, H8

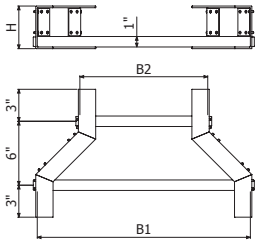
	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RIEFV 9/6X6	9	225	6	100	6	150	2/11930	2,20
RIEFV 12/9X6	12	300	9	225	6	150	2/11931	2,32
RIEFV 12/6X6	12	300	6	100	6	150	2/11932	2,26
RIEFV 18/12X6	18	450	12	300	6	150	2/11933	2,51
RIEFV 18/9X6	18	450	9	225	6	150	2/11934	2,45
RIEFV 18/6X6	18	450	6	100	6	150	2/11935	2,39
RIEFV 24/18X6	24	600	18	450	6	150	2/11936	2,75
RIEFV 24/12X6	24	600	12	300	6	150	2/11937	2,63
RIEFV 24/9X6	24	600	9	225	6	150	2/11938	2,57
RIEFV 30/24X6	30	750	24	600	6	150	2/11939	2,99
RIEFV 30/18X6	30	750	18	450	6	150	2/11940	2,87
RIEFV 30/12X6	30	750	12	300	6	150	2/11941	2,75
RIEFV 36/30X6	36	900	30	750	6	150	2/11942	3,15
RIEFV 36/24X6	36	900	24	600	6	150	2/11943	3,03
RIEFV 36/18X6	36	900	18	450	6	150	2/11944	2,91
RIEFV 9/6X8	9	225	6	100	8	200	2/11945	2,70
RIEFV 12/9X8	12	300	9	225	8	200	2/11946	2,82
RIEFV 12/6X8	12	300	6	100	8	200	2/11947	2,76
RIEFV 18/12X8	18	450	12	300	8	200	2/11948	3,01
RIEFV 18/9X8	18	450	9	225	8	200	2/11949	2,95
RIEFV 18/6X8	18	450	6	100	8	200	2/11950	2,89
RIEFV 24/18X8	24	600	18	450	8	200	2/11951	3,25
RIEFV 24/12X8	24	600	12	300	8	200	2/11952	3,13
RIEFV 24/9X8	24	600	9	225	8	200	2/11953	3,07
RIEFV 30/24X8	30	750	24	600	8	200	2/11954	3,49
RIEFV 30/18X8	30	750	18	450	8	200	2/11955	3,37
RIEFV 30/12X8	30	750	12	300	8	200	2/11956	3,25
RIEFV 36/30X8	36	900	30	750	8	200	2/11957	3,65
RIEFV 36/24X8	36	900	24	600	8	200	2/11958	3,53
RIEFV 36/18X8	36	900	18	450	8	200	2/11959	3,41

2 x JUEFV 6 (2/12070)
2 x JUEFV 8 (2/12071)



RCEFV H3, H4

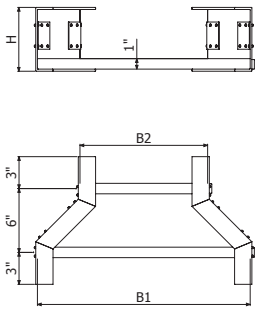
	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RCEFV 9/6X3	9	225	6	100	3	75	2/11960	1,61
RCEFV 12/9X3	12	300	9	225	3	75	2/11961	1,73
RCEFV 12/6X3	12	300	6	100	3	75	2/11962	1,67
RCEFV 18/12X3	18	450	12	300	3	75	2/11963	1,92
RCEFV 18/9X3	18	450	9	225	3	75	2/11964	1,86
RCEFV 18/6X3	18	450	6	100	3	75	2/11965	1,80
RCEFV 24/18X3	24	600	18	450	3	75	2/11966	2,16
RCEFV 24/12X3	24	600	12	300	3	75	2/11967	2,04
RCEFV 24/9X3	24	600	9	225	3	75	2/11968	1,98
RCEFV 9/6X4	9	225	6	100	4	100	2/11969	1,86
RCEFV 12/9X4	12	300	9	225	4	100	2/11970	1,98
RCEFV 12/6X4	12	300	6	100	4	100	2/11971	1,92
RCEFV 18/12X4	18	450	12	300	4	100	2/11972	2,17
RCEFV 18/9X4	18	450	9	225	4	100	2/11973	2,11
RCEFV 18/6X4	18	450	6	100	4	100	2/11974	2,05
RCEFV 24/18X4	24	600	18	450	4	100	2/11975	2,41
RCEFV 24/12X4	24	600	12	300	4	100	2/11976	2,29
RCEFV 24/9X4	24	600	9	225	4	100	2/11977	2,23
RCEFV 30/24X4	30	750	24	600	4	100	2/11978	2,65
RCEFV 30/18X4	30	750	18	450	4	100	2/11979	2,53
RCEFV 30/12X4	30	750	12	300	4	100	2/11980	2,41
RCEFV 36/30X4	36	900	30	750	4	100	2/11981	2,81
RCEFV 36/24X4	36	900	24	600	4	100	2/11982	2,69
RCEFV 36/18X4	36	900	18	450	4	100	2/11983	2,57



2 x JUEFV 3 (2/12068)
2 x JUEFV 4 (2/12069)

RCEFV H6, H8

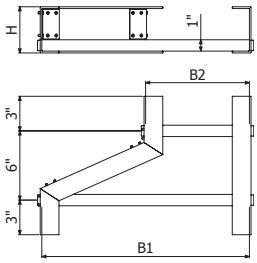
	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RCEFV 9/6X6	9	225	6	100	6	150	2/11984	2,36
RCEFV 12/9X6	12	300	9	225	6	150	2/11985	2,48
RCEFV 12/6X6	12	300	6	100	6	150	2/11986	2,42
RCEFV 18/12X6	18	450	12	300	6	150	2/11987	2,67
RCEFV 18/9X6	18	450	9	225	6	150	2/11988	2,61
RCEFV 18/6X6	18	450	6	100	6	150	2/11989	2,55
RCEFV 24/18X6	24	600	18	450	6	150	2/11990	2,91
RCEFV 24/12X6	24	600	12	300	6	150	2/11991	2,79
RCEFV 24/9X6	24	600	9	225	6	150	2/11992	2,73
RCEFV 30/24X6	30	750	24	600	6	150	2/11993	3,15
RCEFV 30/18X6	30	750	18	450	6	150	2/11994	3,03
RCEFV 30/12X6	30	750	12	300	6	150	2/11995	2,91
RCEFV 36/30X6	36	900	30	750	6	150	2/11996	3,31
RCEFV 36/24X6	36	900	24	600	6	150	2/11997	3,19
RCEFV 36/18X6	36	900	18	450	6	150	2/11998	3,07
RCEFV 9/6X8	9	225	6	100	8	200	2/11999	2,86
RCEFV 12/9X8	12	300	9	225	8	200	2/12000	2,98
RCEFV 12/6X8	12	300	6	100	8	200	2/12001	2,92
RCEFV 18/12X8	18	450	12	300	8	200	2/12002	3,17
RCEFV 18/9X8	18	450	9	225	8	200	2/12003	3,11
RCEFV 18/6X8	18	450	6	100	8	200	2/12004	3,05
RCEFV 24/18X8	24	600	18	450	8	200	2/12005	3,41
RCEFV 24/12X8	24	600	12	300	8	200	2/12006	3,29
RCEFV 24/9X8	24	600	9	225	8	200	2/12007	3,23
RCEFV 30/24X8	30	750	24	600	8	200	2/12008	3,65
RCEFV 30/18X8	30	750	18	450	8	200	2/12009	3,53
RCEFV 30/12X8	30	750	12	300	8	200	2/12010	3,41
RCEFV 36/30X8	36	900	30	750	8	200	2/12011	3,81
RCEFV 36/24X8	36	900	24	600	8	200	2/12012	3,69
RCEFV 36/18X8	36	900	18	450	8	200	2/12013	3,57



2 x JUEFV 6 (2/12070)
2 x JUEFV 8 (2/12071)

RDEFV H3, H4

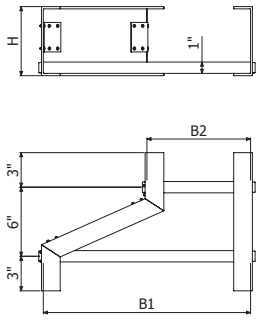
	B1		B2		H		PRFV	
	inch	mm	inch	mm	inch	mm	REF	Kg/ud
RDEFV 9/6X3	9	225	6	100	3	75	2/12014	1,45
RDEFV 12/9X3	12	300	9	225	3	75	2/12015	1,57
RDEFV 12/6X3	12	300	6	100	3	75	2/12016	1,51
RDEFV 18/12X3	18	450	12	300	3	75	2/12017	1,76
RDEFV 18/9X3	18	450	9	225	3	75	2/12018	1,70
RDEFV 18/6X3	18	450	6	100	3	75	2/12019	1,64
RDEFV 24/18X3	24	600	18	450	3	75	2/12020	2,00
RDEFV 24/12X3	24	600	12	300	3	75	2/12021	1,88
RDEFV 24/9X3	24	600	9	225	3	75	2/12022	1,82
RDEFV 9/6X4	9	225	6	100	4	100	2/12023	1,70
RDEFV 12/9X4	12	300	9	225	4	100	2/12024	1,82
RDEFV 12/6X4	12	300	6	100	4	100	2/12025	1,76
RDEFV 18/12X4	18	450	12	300	4	100	2/12026	2,01
RDEFV 18/9X4	18	450	9	225	4	100	2/12027	1,95
RDEFV 18/6X4	18	450	6	100	4	100	2/12028	1,89
RDEFV 24/18X4	24	600	18	450	4	100	2/12029	2,25
RDEFV 24/12X4	24	600	12	300	4	100	2/12030	2,13
RDEFV 24/9X4	24	600	9	225	4	100	2/12031	2,07
RDEFV 30/24X4	30	750	24	600	4	100	2/12032	2,49
RDEFV 30/18X4	30	750	18	450	4	100	2/12033	2,37
RDEFV 30/12X4	30	750	12	300	4	100	2/12034	2,25
RDEFV 36/30X4	36	900	30	750	4	100	2/12035	2,65
RDEFV 36/24X4	36	900	24	600	4	100	2/12036	2,53
RDEFV 36/18X4	36	900	18	450	4	100	2/12037	2,41



2 x JUEFV 3 (2/12068)
2 x JUEFV 4 (2/12069)

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	2/12038	2,20
RDEFV 12/9X6	12	300	9	225	6	150	2/12039	2,32
RDEFV 12/6X6	12	300	6	100	6	150	2/12040	2,26
RDEFV 18/12X6	18	450	12	300	6	150	2/12041	2,51
RDEFV 18/9X6	18	450	9	225	6	150	2/12042	2,45
RDEFV 18/6X6	18	450	6	100	6	150	2/12043	2,39
RDEFV 24/18X6	24	600	18	450	6	150	2/12044	2,75
RDEFV 24/12X6	24	600	12	300	6	150	2/12045	2,63
RDEFV 24/9X6	24	600	9	225	6	150	2/12046	2,57
RDEFV 30/24X6	30	750	24	600	6	150	2/12047	2,99
RDEFV 30/18X6	30	750	18	450	6	150	2/12048	2,87
RDEFV 30/12X6	30	750	12	300	6	150	2/12049	2,75
RDEFV 36/30X6	36	900	30	750	6	150	2/12050	3,15
RDEFV 36/24X6	36	900	24	600	6	150	2/12051	3,03
RDEFV 36/18X6	36	900	18	450	6	150	2/12052	2,91
RDEFV 9/6X8	9	225	6	100	8	200	2/12053	2,70
RDEFV 12/9X8	12	300	9	225	8	200	2/12054	2,82
RDEFV 12/6X8	12	300	6	100	8	200	2/12055	2,76
RDEFV 18/12X8	18	450	12	300	8	200	2/12056	3,01
RDEFV 18/9X8	18	450	9	225	8	200	2/12057	2,95
RDEFV 18/6X8	18	450	6	100	8	200	2/12058	2,89
RDEFV 24/18X8	24	600	18	450	8	200	2/12059	3,25
RDEFV 24/12X8	24	600	12	300	8	200	2/12060	3,13
RDEFV 24/9X8	24	600	9	225	8	200	2/12061	3,07
RDEFV 30/24X8	30	750	24	600	8	200	2/12062	3,49
RDEFV 30/18X8	30	750	18	450	8	200	2/12063	3,37
RDEFV 30/12X8	30	750	12	300	8	200	2/12064	3,25
RDEFV 36/30X8	36	900	30	750	8	200	2/12065	3,65
RDEFV 36/24X8	36	900	24	600	8	200	2/12066	3,53
RDEFV 36/18X8	36	900	18	450	8	200	2/12067	3,41



2 x JUEFV 6 (2/12070)
2 x JUEFV 8 (2/12071)

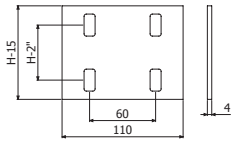
JUEFV

JUEFV 3 - JUEFV 4

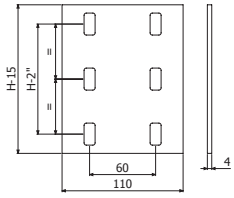
JUEFV 6 - JUEFV 8

	H		PRFV	
	inch	mm	REF	Kg/m
JUEFV 3	**3**	75	2/12068	0,01
JUEFV 4	**4**	100	2/12069	0,01
JUEFV 6	**6**	150	2/12070	0,02
JUEFV 8	**8**	200	2/12071	0,03

8 x B3 (2/15575)



JUEFV 3 - JUEFV 4



JUEFV 6 - JUEFV 8

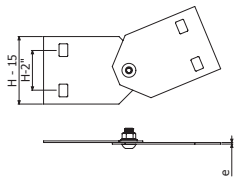
JUEFV-A

JUEFV-A 3 / JUEFV-A 4

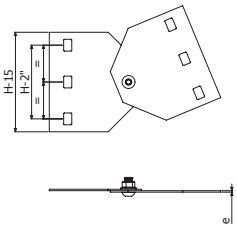
JUEFV-A 6 / JUEFV-A 8

	H		e	i316	
	inch	mm	mm	REF.	kg/ud
JUEFV-A 3	**3**	75	**2**	2/12072	0,16
JUEFV-A 4	**4**	100	**2**	2/12073	0,21
JUEFV-A 6	**6**	150	**3**	2/12074	0,36
JUEFV-A 8	**8**	200	**3**	2/12075	0,48

8 x B3 (2/15575)



JUEFV-A 3 / JUEFV-A 4



JUEFV-A 6 / JUEFV-A 8

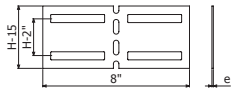
JUEFV-B

JUEFV-B 3 / JUEFV-B 4

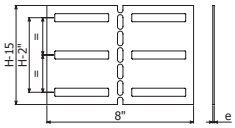
JUEFV-B 6 / JUEFV-B 8

	H		e	i316	
	inch	mm	mm	REF.	kg/ud
JUEFV-B 3	**3**	75	**2**	2/12076	0,21
JUEFV-B 4	**4**	100	**2**	2/12077	0,32
JUEFV-B 6	**6**	150	**3**	2/12078	0,57
JUEFV-B 8	**8**	200	**3**	2/12079	0,81

8 x B3 (2/15575)



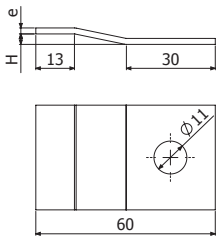
JUEFV-B 3 / JUEFV-B 4



JUEFV-B 6 / JUEFV-B 8

BEFV

	H	e	i316	
	mm	mm	REF.	kg/ud
BEFVS 4	**3,5**	**3**	2/5399	0,04
BEFVL 6	**4,5**	**3**	2/17284	0,04
BEFVS 6	**6**	**3**	2/17285	0,04

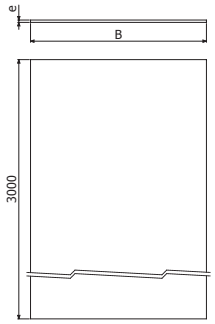


TEFV

L= 3 m (10 ft)

	B		e	PRFV	
	inch	mm	mm	REF.	kg/m
TEFV 6	6	150	3	2/14463	1,46
TEFV 9	9	225	3	2/14464	2,20
TEFV 12	12	300	3	2/14465	2,93
TEFV 18	18	450	3	2/14466	4,39
TEFV 24	24	600	4	2/14467	5,86
TEFV 30	30	750	4	2/14468	7,32
TEFV 36	36	900	4	2/14469	8,78

4 x PTEFV → 1 x TEFV

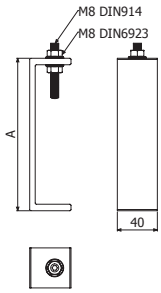


PTEFV

	H		PRFV		i316	
	inch	mm	REF.	kg/m	REF.	kg/ud
PTEFV 3	3	75	2/5505	0,06	-	-
PTEFV 4	4	100	2/5506	0,10	-	-
PTEFV 6	6	150	2/14470	0,18	2/17280	0,33
PTEFV 8	8	200	-	-	2/14471	0,38

10

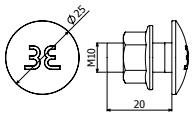
4 x PTEFV → 1 x TEFV



B3

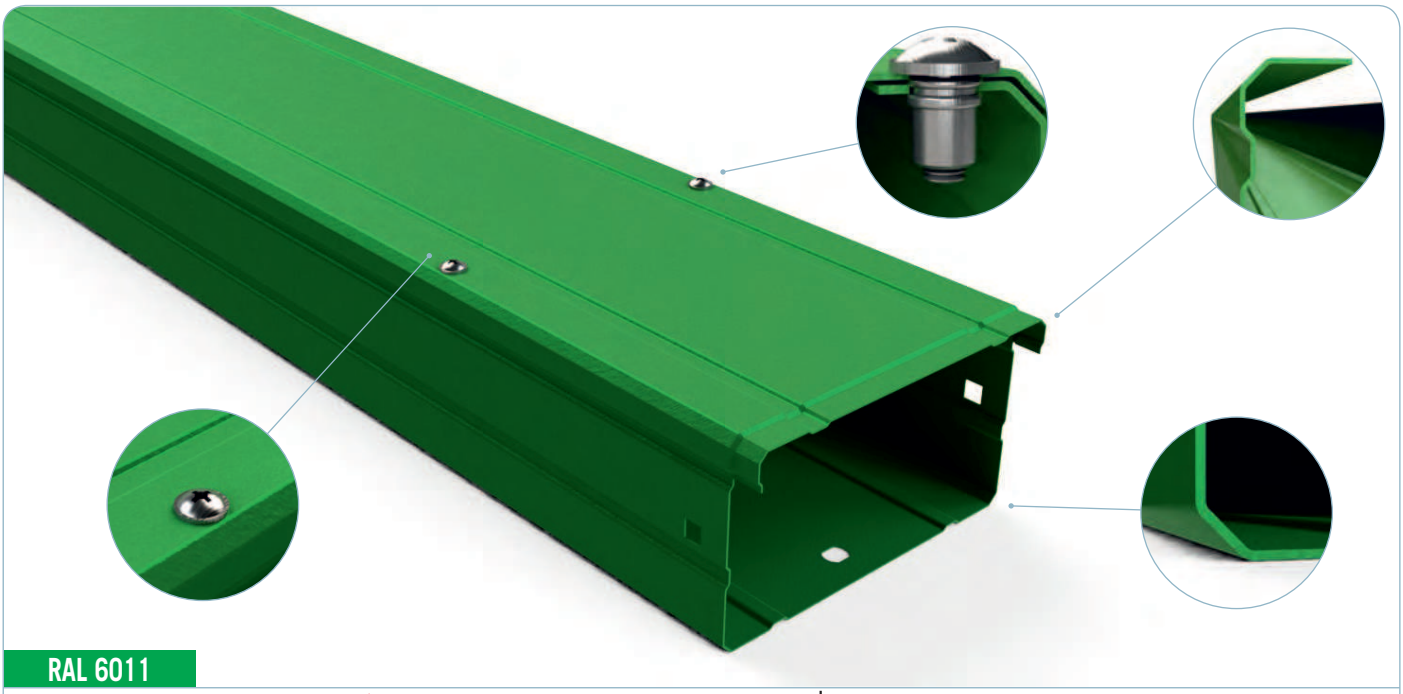
	Pap	i316	
	Nm	REF.	kg/ud
B3-50	35	2/15575	1,95

15




osor
TOYO
/// NO PASAR ///

basorcanal



RAL 6011

M0
UNE-EN 61537
UNE 23727

120°C
-25°C
UNE-EN 50085

8
UNE-EN 61537

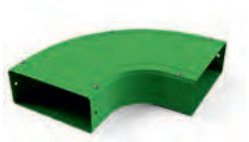
20J
UNE-EN 50085

IP65
C/JBP

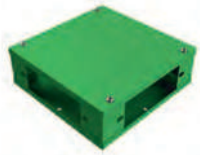
IP53
S/JBP

IEC 60529

IK10
IEC 50102


CPCT


CCCT


CDT


AC


TC


TF


JUCT


DIN7985


B1


JBP

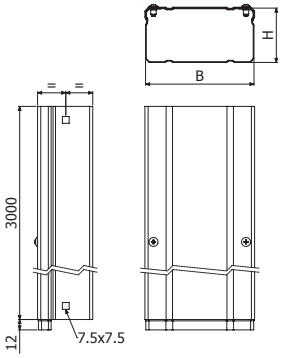
		Filling Area							
B		H40 (1 4/7")		H60 (2 3/8")		H80 (3 1/7")		H100 (4")	
mm	inch	cm²	in²	cm²	in²	cm²	in²	cm²	in²
80	3 1/7"	**30**	4,65	-	-	-	-	-	-
120	4 5/7"	**46**	7,13	**70**	10,85	-	-	-	-
140	5 1/2"	-	-	-	-	**110**	17,05	-	-
200	8"	-	-	-	-	**158**	24,49	**198**	30,69
300	12"	-	-	-	-	-	-	**298**	46,19
400	16"	-	-	-	-	-	-	**397**	61,53
600	24"	-	-	-	-	-		**597**	92,53

CT H40

L = 3 m (10 ft)

	H		B		IK	IP	GSE	
	mm	inch	mm	inch			REF.	kg/m
CT 40x80	40	1 4/7"	80	3 1/7"	10	65	2/0151	1,72
CT 40x120	40	1 4/7"	120	4 5/7"	10	65	2/0152	2,19

1 x JUCT

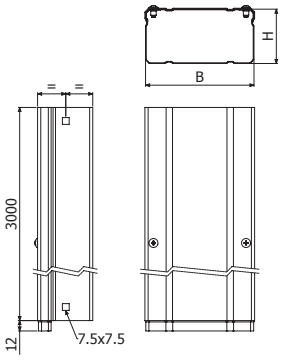


CT H60

L = 3 m (10 ft)

	H		B		IK	IP	GSE	
	mm	inch	mm	inch			REF.	kg/m
CT 60x120	60	2 3/8"	120	4 5/7"	10	65	2/0153	2,44

1 x JUCT

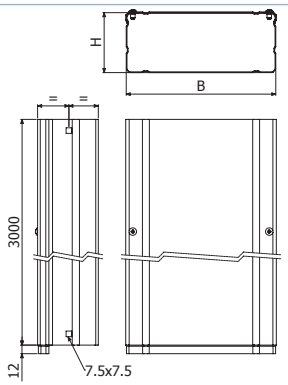


CT H80

L = 3 m (10 ft)

	H		B		IK	IP	GSE	
	mm	inch	mm	inch			REF.	kg/m
CT 80x140	80	3 1/7"	140	5 1/2"	10	65	2/0154	2,93
CT 80x200	80	3 1/7"	200	8"	10	65	2/0155	4,23

1 x JUCT

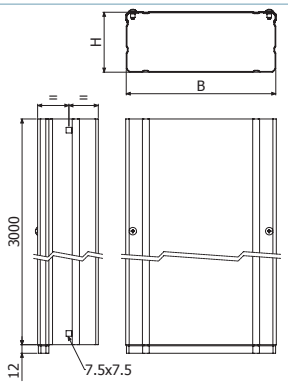


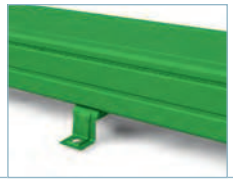
CT H100

L = 3 m (10 ft)

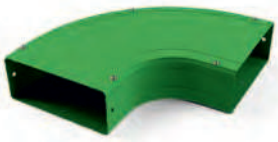
	H		B		IK	IP	GSE	
	mm	inch	mm	inch			REF.	kg/m
CT 100x200	100	4"	200	8"	10	65	2/0156	4,54
CT 100x300	100	4"	300	12"	10	65	2/0157	5,88
CT 100x400	100	4"	400	16"	10	65	2/5908	7,60
CT 100x600	100	4"	600	24"	10	65	2/0160	16,86

1 x JUCT



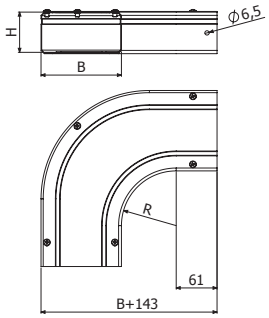


CPT

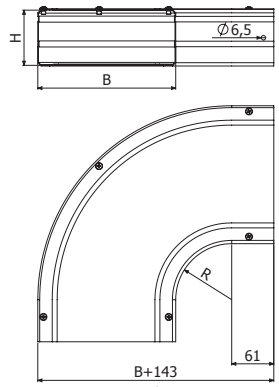


	H		B		R		GSE	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CPT 40X80	40	1 4/7”	80	3 1/7”	82	3 2/9”	2/0161	0,67
CPT 40X120	40	1 4/7”	120	4 5/7”	82	3 2/9”	2/0162	1,01
CPT 60X120	60	2 3/8”	120	4 5/7”	82	3 2/9”	2/0163	1,12
CPT 80X140	80	3 1/7”	140	5 1/2”	82	3 2/9”	2/0164	1,43
CPT 80X200	80	3 1/7”	200	8”	82	3 2/9”	2/0165	1,89
CPT 100X200	100	4”	200	8”	82	3 2/9”	2/0166	2,02
CPT 100X300	100	4”	300	12”	82	3 2/9”	2/0167	3,45
CPT 100X400	100	4”	400	16”	82	3 2/9”	2/3333	5,34
CPT 100X600	100	4”	600	24”	82	3 2/9”	2/0170	9,65

1 x JUCT



CPT H40/60

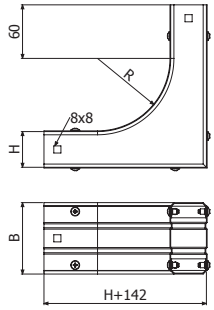


CPT H80/100

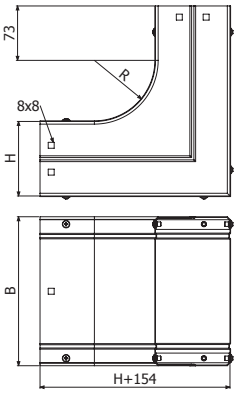
CCCT

	H		B		R		GSE	
	mm	inch	mm	inch	mm	inch	REF.	kg/ud
CCCT 40X80	40	1 4/7”	80	3 1/7”	82	3 2/9”	2/0171	0,61
CCCT 40X120	40	1 4/7”	120	4 5/7”	82	3 2/9”	2/0172	0,76
CCCT 60X120	60	2 3/8”	120	4 5/7”	82	3 2/9”	2/0173	0,92
CCCT 80X140	80	3 1/7”	140	5 1/2”	82	3 2/9”	2/0174	1,18
CCCT 80X200	80	3 1/7”	200	8”	82	3 2/9”	2/0175	1,44
CCCT 100X200	100	4”	200	8”	82	3 2/9”	2/0176	1,64
CCCT 100X300	100	4”	300	12”	82	3 2/9”	2/0177	2,10
CCCT 100X400	100	4”	400	16”	82	3 2/9”	2/0178	4,08
CCCT 100X600	100	4”	600	24”	82	3 2/9”	2/0180	5,71

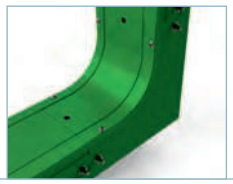
1 x JUCT



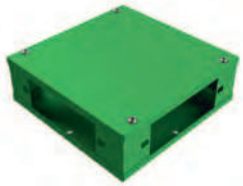
CCCT H40/60/80

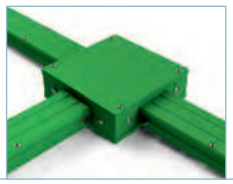


CCCT H100



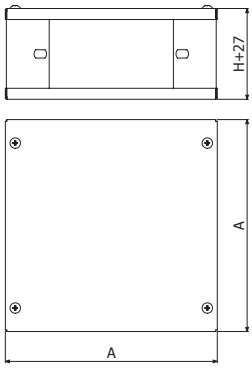
CDT





	H		A		GSE	
	mm	inch	mm	inch	REF.	kg/ud
CDT 40	40	1 4/7"	203	8"	2/0191	0,97
CDT 60	60	2 3/8"	203	8"	2/0192	1,24
CDT 80	80	3 1/7"	283	11 1/7"	2/0193	2,10
CDT 100	100	4"	383	15"	2/0194	3,59
CDT 100X400	100	4"	483	19"	2/3610	3,40
CDT 100X600	100	4"	683	26 8/9"	2/4203	6,50

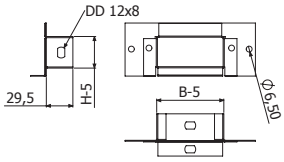
x/100 x B1 (2/4356) + /



AC H40

	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
AC 40/40X80	40	1 4/7"	80	3 1/7"	2/0195	0,09
AC 40/40X120	40	1 4/7"	120	4 5/7"	2/0196	0,12

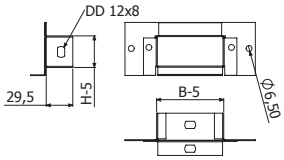
3/100 x B1 (2/4356)



AC H60

	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
AC 60/40X80	40	1 4/7"	80	3 1/7"	2/0197	0,13
AC 60/40X120	40	1 4/7"	120	4 5/7"	2/0198	0,17
AC 60/60X120	60	2 3/8"	120	4 5/7"	2/0199	0,13

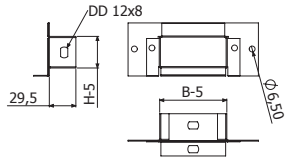
3/100 x B1 (2/4356)



AC H80

	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
AC 80/40X80	40	1 4/7"	80	3 1/7"	2/0200	0,17
AC 80/40X120	40	1 4/7"	120	4 5/7"	2/0201	0,24
AC 80/60X120	60	2 3/8"	120	4 5/7"	2/0202	0,25
AC 80/80X140	80	3 1/7"	140	5 1/2"	2/0203	0,25
AC 80/80X200	80	3 1/7"	200	8"	2/0204	0,21

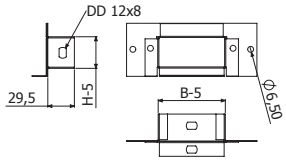
3/100 x B1 (2/4356)



AC H100

	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
AC 100/40X80	40	1 4/7"	80	3 1/7"	2/0205	0,37
AC 100/40X120	40	1 4/7"	120	4 5/7"	2/0206	0,24
AC 100/60X120	60	2 3/8"	120	4 5/7"	2/0207	0,38
AC 100/80X140	80	3 1/7"	140	51/2"	2/0208	0,31
AC 100/80X200	80	3 1/7"	200	8"	2/0209	0,44
AC 100/100X200	100	4"	200	8"	2/0210	0,37
AC 100/100X300	100	4"	300	12"	2/0211	0,76
AC 100/100X400	100	4"	400	16"	2/0212	0,39
AC 100/100X600	100	4"	600	24"	2/4867	0,54

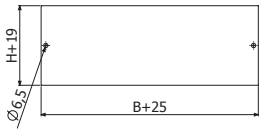
3/100 x B1 (2/4356)



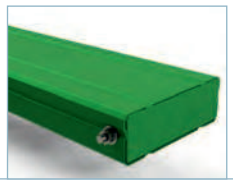
TC

	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
TC 40	40	1 4/7"	120	4 5/7"	2/0223	0,05
TC 60	60	2 3/8"	120	4 5/7"	2/0224	0,06
TC 80	80	3 1/7"	200	8"	2/0225	0,21
TC 100	100	4"	300	12"	2/0226	0,30
TC 100X400	100	4"	400	16"	2/4866	0,40
TC 100X600	100	4"	600	24"	2/5931	0,58

2/100 x B1 (2/4356)

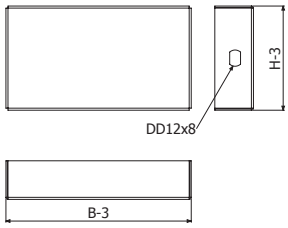


TF

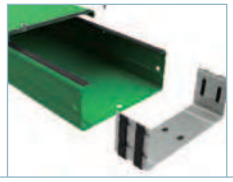


	H		B		GSE	
	mm	inch	mm	inch	REF.	kg/ud
TF 40X80	40	1 4/7"	80	3 1/7"	2/0213	0,07
TF 40X120	40	1 4/7"	120	4 5/7"	2/0214	0,10
TF 60X120	60	2 3/8"	120	4 5/7"	2/0215	0,10
TF 80X140	80	3 1/7"	140	5 1/2"	2/0216	0,14
TF 80X200	80	3 1/7"	200	8"	2/0217	0,23
TF 100X200	100	4"	200	8"	2/0218	0,23
TF 100X300	100	4"	300	12"	2/0219	0,46
TF 100X400	100	4"	400	16"	2/0220	0,47
TF 100X600	100	4"	600	24"	2/0222	0,68

2/100 x B1 (2/4356)

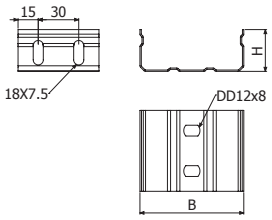


JUCT

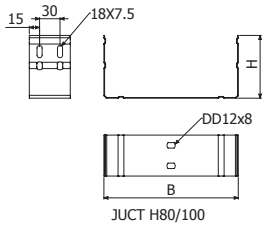


	H		B		GS	
	mm	inch	mm	inch	REF.	kg/ud
JUCT 40X80	40	1 4/7"	80	3 1/7"	2/0181	0,06
JUCT 40X120	40	1 4/7"	120	4 5/7"	2/0182	0,08
JUCT 60X120	60	2 3/8"	120	4 5/7"	2/0183	0,10
JUCT 80X140	80	3 1/7"	140	5 1/2"	2/0184	0,12
JUCT 80X200	80	3 1/7"	200	8"	2/0185	0,15
JUCT 100X200	100	4"	200	8"	2/0186	0,17
JUCT 100X300	100	4"	300	12"	2/0187	0,22
JUCT 100X400	100	4"	400	16"	2/5907	0,28
JUCT 100X600	100	4"	600	24"	2/0190	0,54

6/100 x B1 (2/4356)



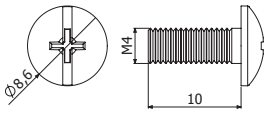
JUCT H40/60



JUCT H80/100

DIN 7985

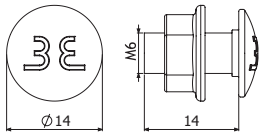
	Pap Nm	EZ REF.	EZ kg/ud
DIN7985-100 M4X10	4	2/6818	0,15



B1

	Pap Nm	EZ REF.	EZ kg/ud
B1-100	6	2/4356	0,77

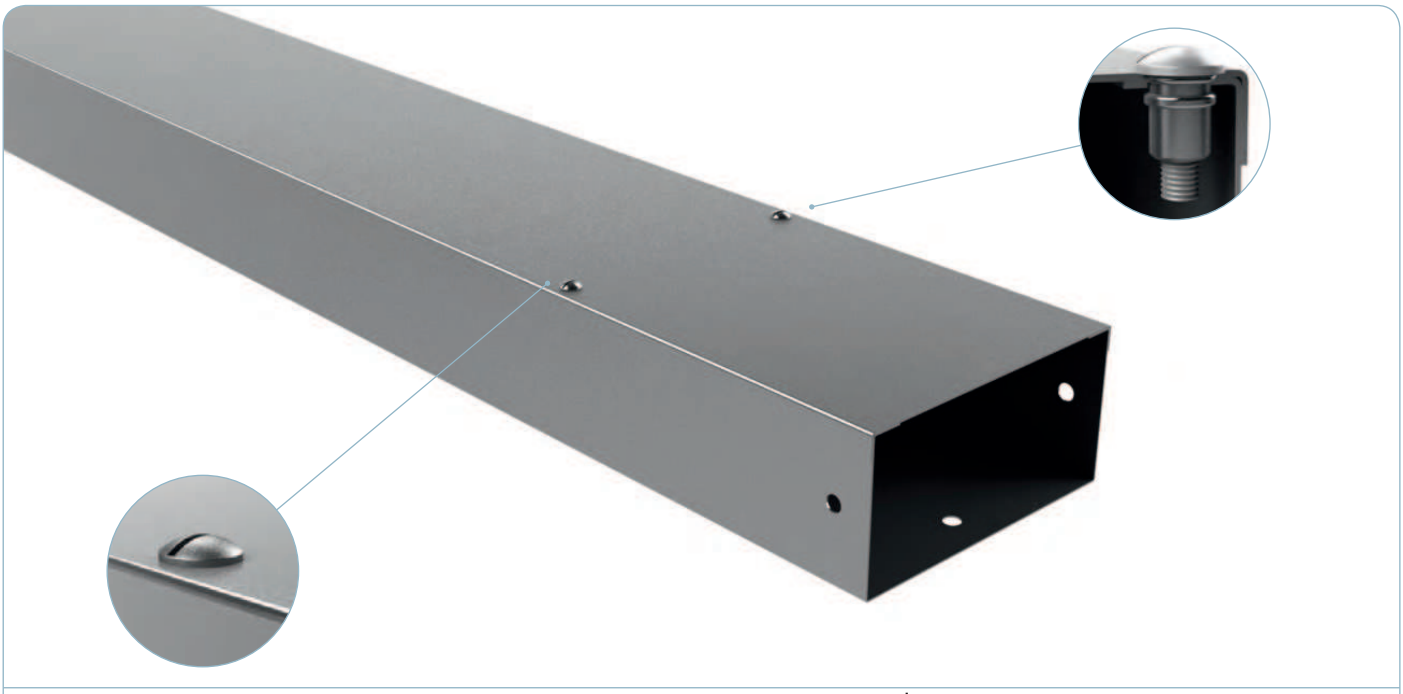
10



JBP

	BP REF.	BP kg/m
JBP	2/0227	0,03

IP65



L > 100 m *
UNE-EN 50085

M0
UNE-EN 50085
UNE 23727

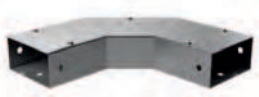
120°C
-25°C
UNE-EN 50085

9A
UNE-EN 61537

20J
UNE-EN 50085

IP65
C/JBP
IP53
S/JBP
IEC 60529

IK10
IEC 50102


CPTI


CCCTI


CDTI


ACI


TCI


TFI


JUCTI


TIP65


DIN7985


JBP

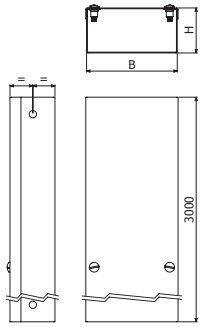
		Filling Area					
B		H40 (1 4/7")		H60 (2 3/8")		H80 (3 1/7")	
mm	inch	cm²	in²	cm²	in²	cm²	in²
80	3 1/7"	30	4,65	-	-	-	-
120	4 5/7"	46	7,13	70	10,85	-	-
140	5 1/2"	-	-	-	-	110	17,05

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	2/6021	1,71
CTI 40X120	40	1 4/7"	120	4 5/7"	10	65	2/6762	2,30
CTI 60X120	60	2 3/8"	120	4 5/7"	10	65	2/7007	2,46
CTI 80X140	80	3 1/7"	140	5 1/2"	10	65	2/5184	2,96

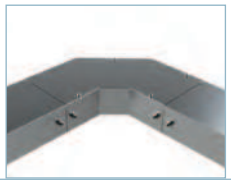
1 x JUCTI

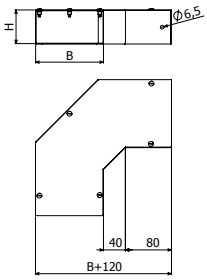


CPTI

	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
CPTI 40X80	40	1 4/7"	80	3 1/7"	2/7008	0,67
CPTI 40X120	40	1 4/7"	120	4 5/7"	2/9985	0,91
CPTI 60X120	60	2 3/8"	120	4 5/7"	2/7009	1,12
CPTI 80X140	80	3 1/7"	140	5 1/2"	2/7010	1,43

1 x JUCTI

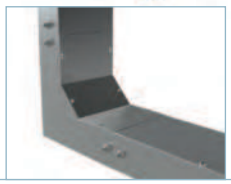


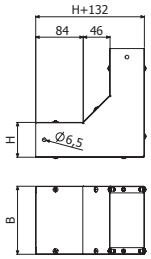


CCCTI

	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"	2/7040	0,61
CCCTI 40X120	40	1 4/7"	120	4 5/7"	82	3 2/9"	2/9986	0,82
CCCTI 60X120	60	2 3/8"	120	4 5/7"	82	3 2/9"	2/7041	0,92
CCCTI 80X140	80	3 1/7"	140	5 1/2"	82	3 2/9"	2/7042	1,18

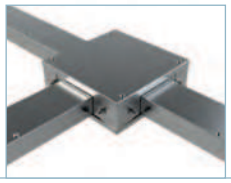
1 x JUCTI

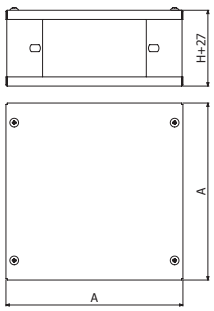




CDTI

	H		A		i304	
	mm	inch	mm	inch	REF.	kg/ud
CDTI 40	40	1 4/7"	203	8"	2/7043	0,97
CDTI 60	60	2 3/8"	203	8"	2/7044	1,24
CDTI 80	80	3 1/7"	283	11 1/7"	2/6360	2,10

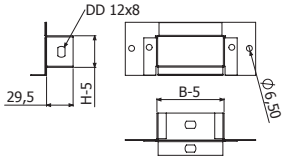




ACI

	CDT	H		B		i304	
		mm	inch	mm	inch	REF.	kg/ud
ACI 40/40X80	40	40	1 4/7”	80	3 1/7”	-	0,09
ACI 40/40X120	40	40	1 4/7”	120	4 5/7”	2/7049	0,12
ACI 60/40X80	60	40	1 4/7”	80	3 1/7”	2/8226	0,14
ACI 60/40X120	60	40	1 4/7”	120	4 5/7”	2/9988	0,17
ACI 60/60X120	60	60	2 3/8”	120	4 5/7”	2/7050	0,13
ACI 80/80X140	80	80	3 1/7”	140	5 1/2”	2/7051	0,16

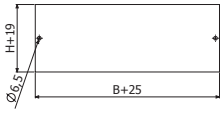
3/100 x B1 (2/4925)



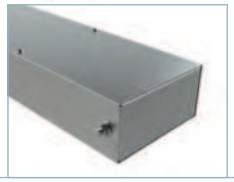
TCI

	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
TCI 40	120	4 5/7”	40	1 4/7”	2/7045	0,05
TCI 60	120	4 5/7”	60	2 3/8”	2/7046	0,06
TCI 80	200	8”	80	3 1/7”	2/7047	0,12

2/100 x B1 (2/4925)

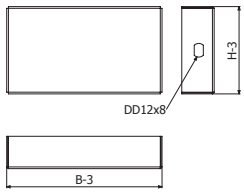


TFI

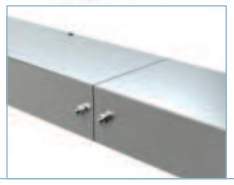


	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
TFI 40X80	40	1 4/7”	80	3 1/7”	2/6023	0,07
TFI 40X120	40	1 4/7”	120	4 5/7”	2/7077	0,09
TFI 60X120	60	2 3/8”	120	4 5/7”	2/7048	0,10
TFI 80X140	80	3 1/7”	140	5 1/2”	2/5186	0,14

2/100 x B1 (2/4925)

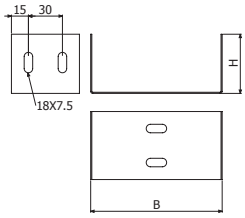


JUCTI

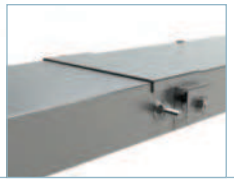


	H		B		i304	
	mm	inch	mm	inch	REF.	kg/ud
JUCTI 40X80	40	1 4/7”	80	3 1/7”	2/6022	0,06
JUCTI 40X120	40	1 4/7”	120	4 5/7”	2/7078	0,08
JUCTI 60X120	60	2 3/8”	120	4 5/7”	2/7053	0,10
JUCTI 80X140	80	3 1/7”	140	5 1/2”	2/5185	0,12

6/100 x B1 (2/4925)

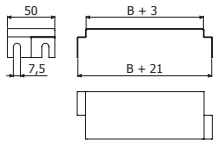


IP65 TIP65



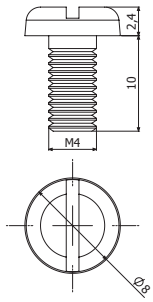
	B		i304	
	mm	inch	REF.	kg/ud
TIP65 40X80	80	3 1/7”	2/7213	0,05
TIP65 40X120	120	4 5/7”	2/7216	0,06
TIP65 60X120	120	4 5/7”	2/7225	0,07
TIP65 80X140	140	5 1/2”	2/8227	0,08

2/100 x DIN6923 M6 (0/0342)



DIN7985

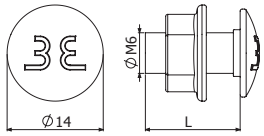
	Pap	i304	
	Nm	REF.	kg/ud
DIN7985-100 M4X10	4	0/0333	0,01



B1

	Pap	L	i304	
	Nm	mm	REF.	kg/ud
B1-100	6	20	2/4925	0,79

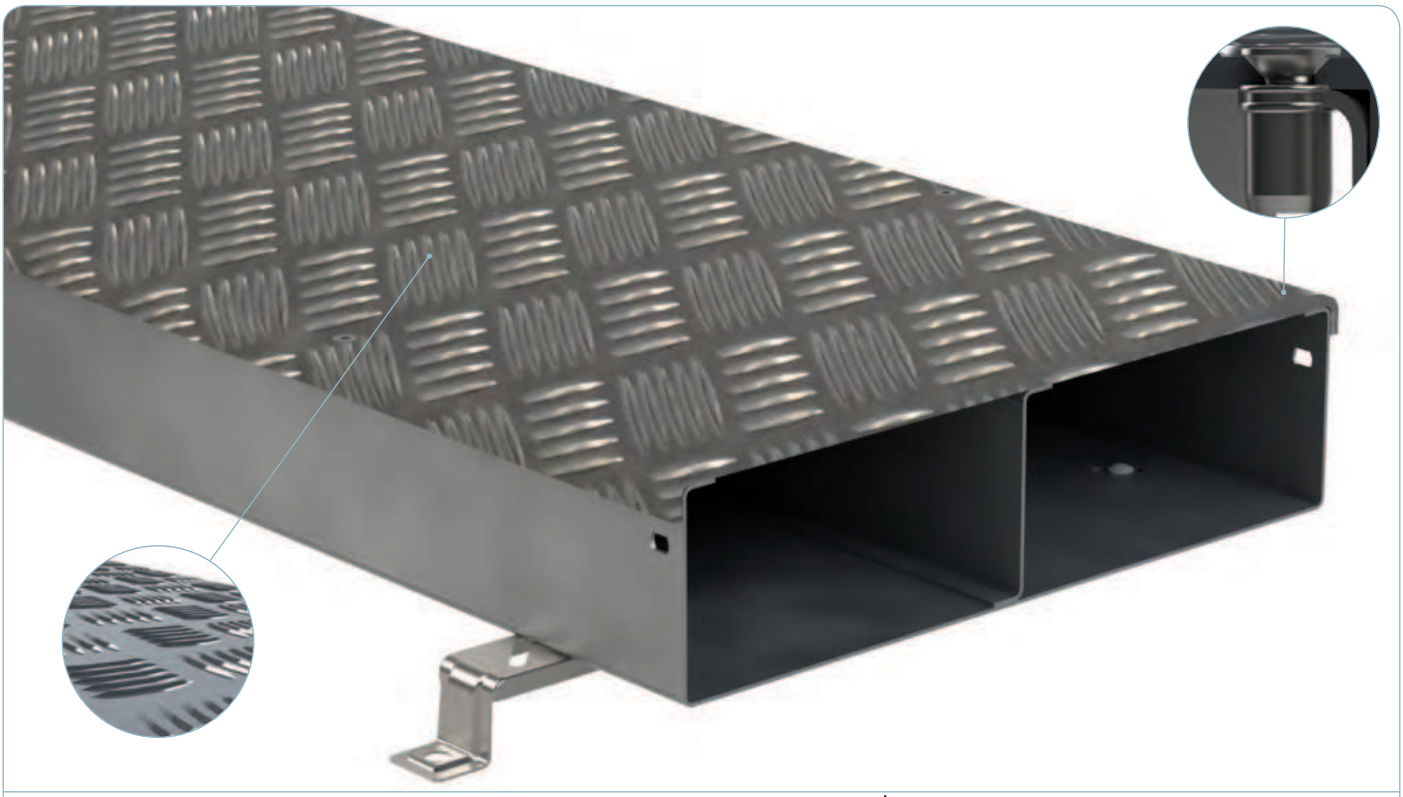
10



JBP

	BP	
	REF.	kg/m
JBP	2/0227	0,25

IP65



L > 100 m	M0	120°C / -25°C	20J	3	IP20	IK10
UNE-EN 50085	UNE-EN 61537 UNE 23727	UNE-EN 50085	UNE-EN 50085	UNE-EN 50085	IEC 60529	IEC 50102

CPWT	TCPWT	TSCPWT	CPWT45	TCPWT45	TSCPWT45
TEWT	TTEWT	TSTEWT	CCWT	PSWT	REWT
TFWT	JUWT	SV	B1	DIN 7991	TMK

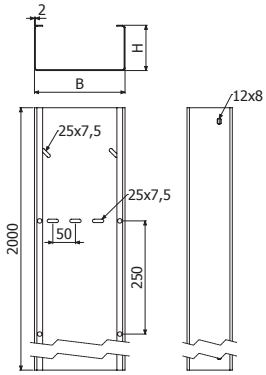
B		Filling Area H100 (4")	
mm	inch	cm²	in²
100	4	**85,56**	13,26
200	8	**181,56**	28,14
300	12	**277,56**	43,02
400	16	**371,32**	57,55
500	20	**467,32**	72,43
600	24	**563,32**	87,31

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	2/10146	5,50
WT 200X100	45	150	200	8	100	4	2/10147	7,06
WT 300X100	69	150	300	12	100	4	2/10148	8,62
WT 400X100	93	150	400	16	100	4	2/10149	10,19
WT 500X100	117	150	500	20	100	4	2/10150	11,74
WT 600X100	141	150	600	24	100	4	2/10151	13,30

- 2 x JUWT
- 2m x WT --> 3 x SV (B)
- B ≥ 400 --> 1 x PSWT

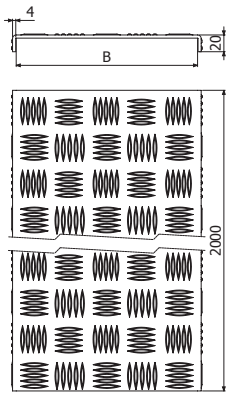


TWT

L = 2 m (6,6 ft)

	(Kg)	B mm	B inch	AL REF.	AL kg/m
TWT 100	150	100	4	2/10191	1,63
TWT 200	150	200	8	2/10192	2,84
TWT 300	150	300	12	2/10193	4,05
TWT 400	150	400	16	2/10194	5,26
TWT 500	150	500	20	2/10195	6,47
TWT 600	150	600	24	2/10196	7,68

- 6/100 x DIN 7991 M6x16 (2/10265 - EZ)
- 1 x PSWT (2/10180) --> TWT (400 - 600)

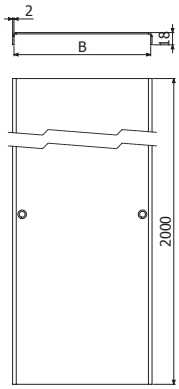


TSWT

L = 2 m (6,6 ft)

	B mm	B inch	GS REF.	GS kg/m
TSWT 100	100	4	2/10185	2,19
TSWT 200	200	8	2/10186	3,76
TSWT 300	300	12	2/10187	5,34
TSWT 400	400	16	2/10188	6,91
TSWT 500	500	20	2/10189	8,49
TSWT 600	600	24	2/10190	10,16

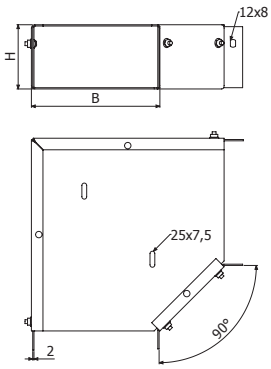
- 6/100 x DIN 7991 M6x16 (2/10265 - EZ)



CPWT

	(Kg)	B mm	B inch	H mm	H inch	GS REF.	GS kg/ud
CPWT 100X100	150	100	4	100	4	2/10152	1,85
CPWT 200X100	150	200	8	100	4	2/10153	2,99
CPWT 300X100	150	300	12	100	4	2/10154	4,44
CPWT 400X100	150	400	16	100	4	2/10155	6,21
CPWT 500X100	150	500	20	100	4	2/10156	8,30
CPWT 600X100	150	600	24	100	4	2/10157	10,69

- 4/100 x B1 (2/4356 -EZ)
- 1 x CPWT --> 1 x SV (B)
- JUWT

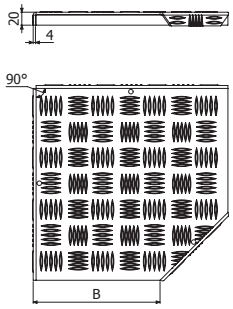


TCPWT

	(Kg)	B mm	B inch	AL REF.	AL kg/ud
TCPWT 100	150	100	4	2/10197	0,53
TCPWT 200	150	200	8	2/10198	1,18
TCPWT 300	150	300	12	2/10199	2,06
TCPWT 400	150	400	16	2/10200	3,22
TCPWT 500	150	500	20	2/10201	4,58
TCPWT 600	150	600	24	2/10202	6,18

B=100,200,300 3/100 x DIN 7991 M6x16 (2/10265 - EZ)

B=400,500,600 5/100 x DIN 7991 M6x16 (2/10265 - EZ)

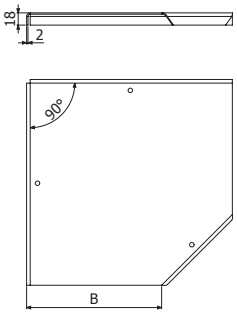


TSCPWT

	B mm	B inch	GS REF.	GS kg/ud
TSCPWT 100	100	4	2/10203	0,70
TSCPWT 200	200	8	2/10204	1,54
TSCPWT 300	300	12	2/10205	2,70
TSCPWT 400	400	16	2/10206	4,17
TSCPWT 500	500	20	2/10207	5,96
TSCPWT 600	600	24	2/10208	8,06

B=100,200,300 3/100 x DIN 7991 M6x16 (2/10265 - EZ)

B=400,500,600 5/100 x DIN 7991 M6x16 (2/10265 - EZ)



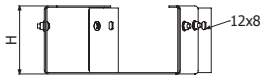
CPWT45

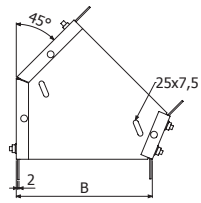
	(Kg)	B mm	B inch	H mm	H inch	GS REF.	GS kg/ud
CPWT45 100X100	150	100	4	100	4	2/10158	0,95
CPWT45 200X100	150	200	8	100	4	2/10159	1,39
CPWT45 300X100	150	300	12	100	4	2/10160	1,95
CPWT45 400X100	150	400	16	100	4	2/10161	2,63
CPWT45 500X100	150	500	20	100	4	2/10162	3,67
CPWT45 600X100	150	600	24	100	4	2/10164	4,89

4/100 x B1 (2/4356 - EZ)

1 x CPWT45 --> 1 x SV (B)

JUWT

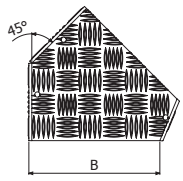




TCPWT45

	(Kg)	B mm	B inch	AL REF.	AL kg/ud
TCPWT45 100		100	4	2/10209	0,20
TCPWT45 200	150	200	8	2/10210	0,45
TCPWT45 300	150	300	12	2/10211	0,80
TCPWT45 400	150	400	16	2/10212	1,24
TCPWT45 500	150	500	20	2/10213	1,90
TCPWT45 600	150	600	24	2/10214	2,71

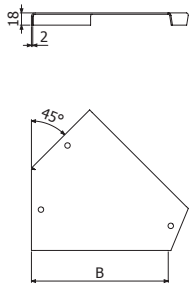
3/100 x DIN 7991 M6x16 (2/10265 - EZ)



TSCPWT45

	B		GS	
	mm	inch	REF.	kg/ud
TSCPWT45 100	100	4	2/10215	0,26
TSCPWT45 200	200	8	2/10216	0,59
TSCPWT45 300	300	12	2/10217	1,04
TSCPWT45 400	400	16	2/10218	1,61
TSCPWT45 500	500	20	2/10219	2,48
TSCPWT45 600	600	24	2/10220	3,53

3/100 x DIN 7991 M6x16 (2/10265 - EZ)



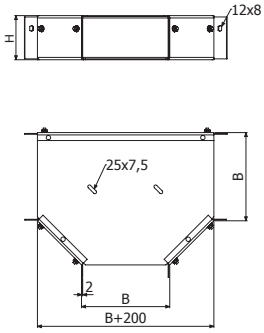
TEWT

	(Kg)	B		H		GS	
		mm	inch	mm	inch	REF.	kg/ud
TEWT 100X100	150	100	4	100	4	2/10165	2,35
TEWT 200X100	150	200	8	100	4	2/10166	3,47
TEWT 300X100	150	300	12	100	4	2/10167	4,90
TEWT 400X100	150	400	16	100	4	2/10168	6,64
TEWT 500X100	150	500	20	100	4	2/10169	8,70
TEWT 600X100	150	600	24	100	4	2/10170	11,08

6/100 x B1 (2/4356 - EZ)

1 x TEWT --> 1 x SV (B)

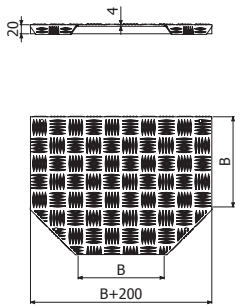
JUWT



TTEWT

	(Kg)	B		AL	
		mm	inch	REF.	kg/ud
TTEWT 100	150	100	4	2/10221	0,72
TTEWT 200	150	200	8	2/10222	1,47
TTEWT 300	150	300	12	2/10223	2,46
TTEWT 400	150	400	16	2/10224	3,69
TTEWT 500	150	500	20	2/10225	5,16
TTEWT 600	150	600	24	2/10226	6,88

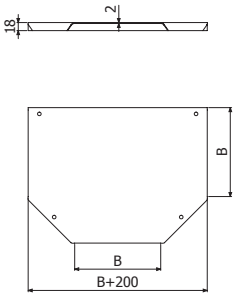
4/100 x DIN 7991 M6x16 (2/10265 - EZ)



TSTEWT

	B		GS	
	mm	inch	REF.	kg/ud
TSTEWT 100	100	4	2/10227	0,94
TSTEWT 200	200	8	2/10228	1,91
TSTEWT 300	300	12	2/10229	3,20
TSTEWT 400	400	16	2/10230	4,80
TSTEWT 500	500	20	2/10231	6,72
TSTEWT 600	600	24	2/10232	8,95

4/100 x DIN 7991 M6x16 (2/10265 - EZ)

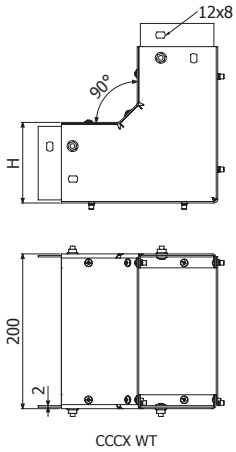


CCWT

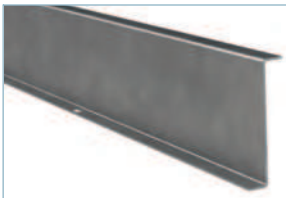
	B		H		GS	
	mm	inch	mm	inch	REF.	kg/ud
CCWT 100X100	100	4	100	4	2/10171	1,99
CCWT 200X100	200	8	100	4	2/10172	2,91
CCWT 300X100	300	12	100	4	2/10173	3,83
CCWT 400X100	400	16	100	4	2/10174	4,75
CCWT 500X100	500	20	100	4	2/10175	5,67
CCWT 600X100	600	24	100	4	2/10176	6,59

4/100 x B1 (2/4356 - EZ)

JUWT

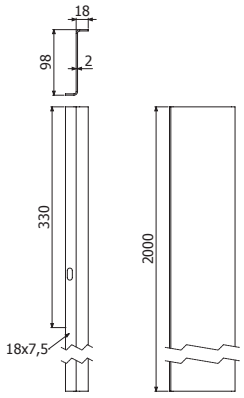


PSWT



	GS	
	REF.	kg/ud
PSWT 100	2/10180	1,98

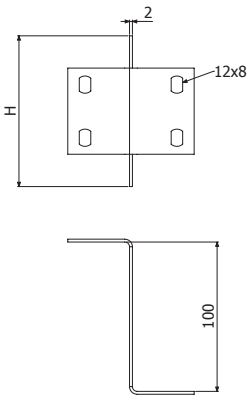
4/100 x B1 (2/4356 - EZ)



REWT

	H		GS	
	mm	inch	REF.	kg/ud
REWT 100X100	107	4	2/10087	0,26

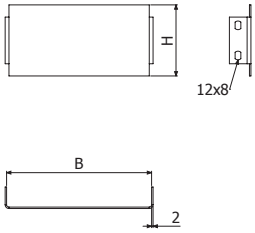
2/100 x B1 (2/4356 - EZ)



TFWT

	B		H		GS	
	mm	inch	mm	inch	REF.	kg/ud
TFWT 100X100	100	4	100	4	2/10240	0,21
TFWT 200X100	200	8	100	4	2/10241	0,36
TFWT 300X100	300	12	100	4	2/10242	0,52
TFWT 400X100	400	16	100	4	2/10243	0,68
TFWT 500X100	500	20	100	4	2/10244	0,83
TFWT 600X100	600	24	100	4	2/10245	0,99

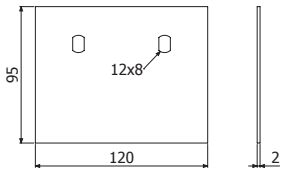
2/100 x B1 (2/4356 - EZ)



JUWT

	GS	
	REF.	kg/ud
JUWT 100	2/10177	0,18

2/100 x B1 (2/4356 - EZ)

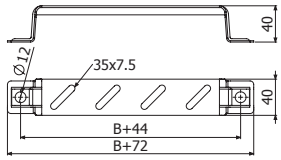


SV

SV 100/150/200/300

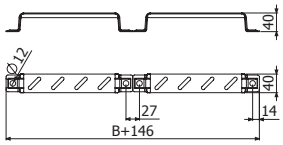
	CTA		B		e	GS	
	kg	lb	mm	inch	mm	REF.	kg/ud
SV 100	276	609	100	4“	1,5	2/1046	0,09
SV 200	253	558	200	8”	1,5	2/1048	0,17
SV 300	207	456	300	12”	1,5	2/1049	0,23
SV 400	506	1116	400	16”	1,5	2/3413	0,45
SV 500	460	1014	500	20”	1,5	2/3414	0,52
SV 600	414	912	600	24”	1,5	2/3415	0,59

2/100 x B1 (2/4356 - EZ)



SVO 100/150/200/300

SV 400/500/600

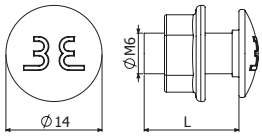


SVO 400/500/600

B1

	L	EZ	
	mm	REF.	kg/ud
B1-100	14	2/4356	0,77

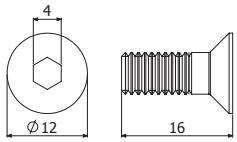
10



DIN 7991

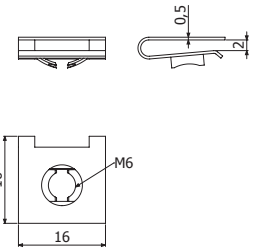
	EZ	
	REF.	kg/ud
DIN7991-100 M6X16	2/10265	0,55

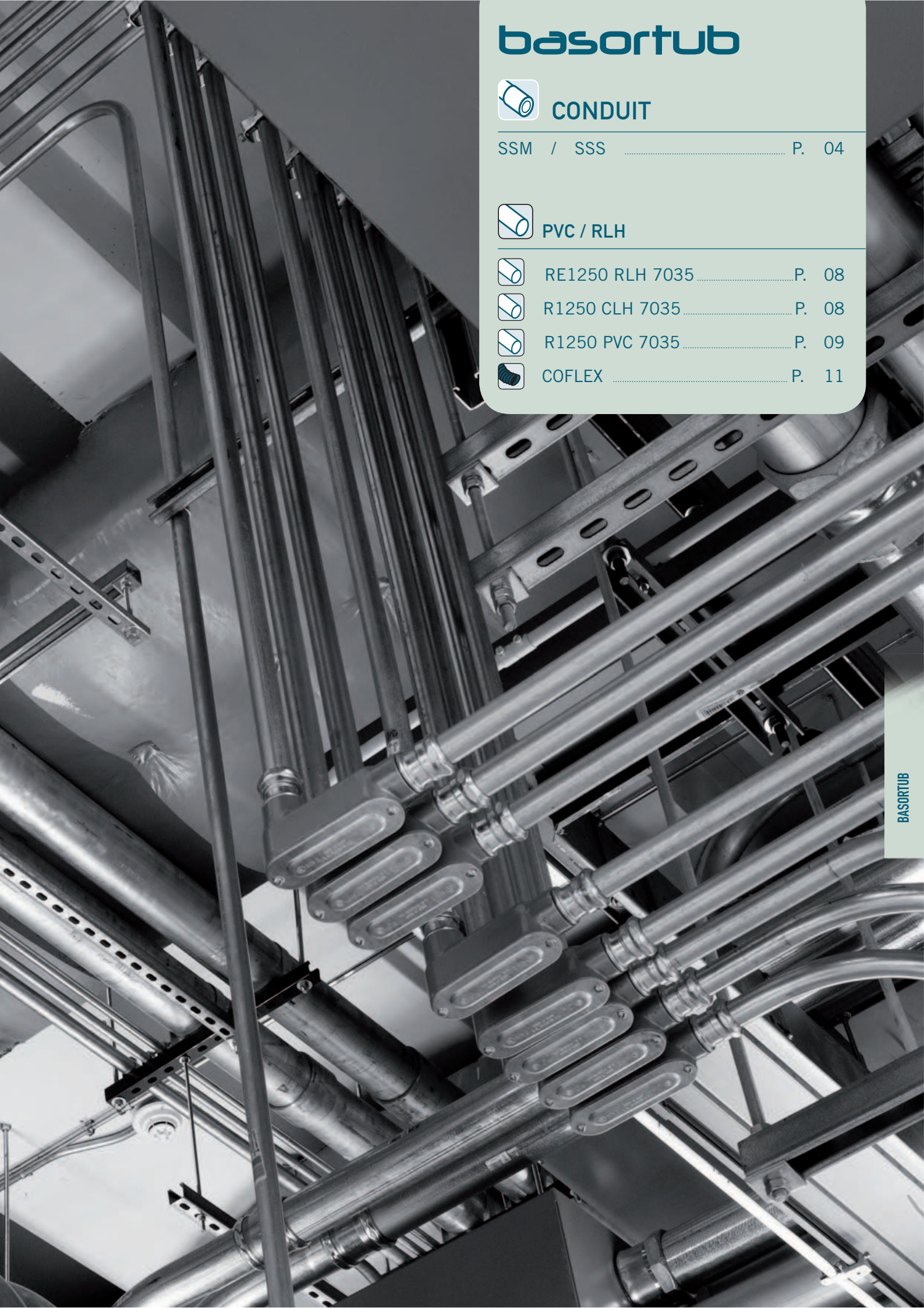
4



TMK

	REF.	kg/ud
TMK-100 M6	2/10266	0,20



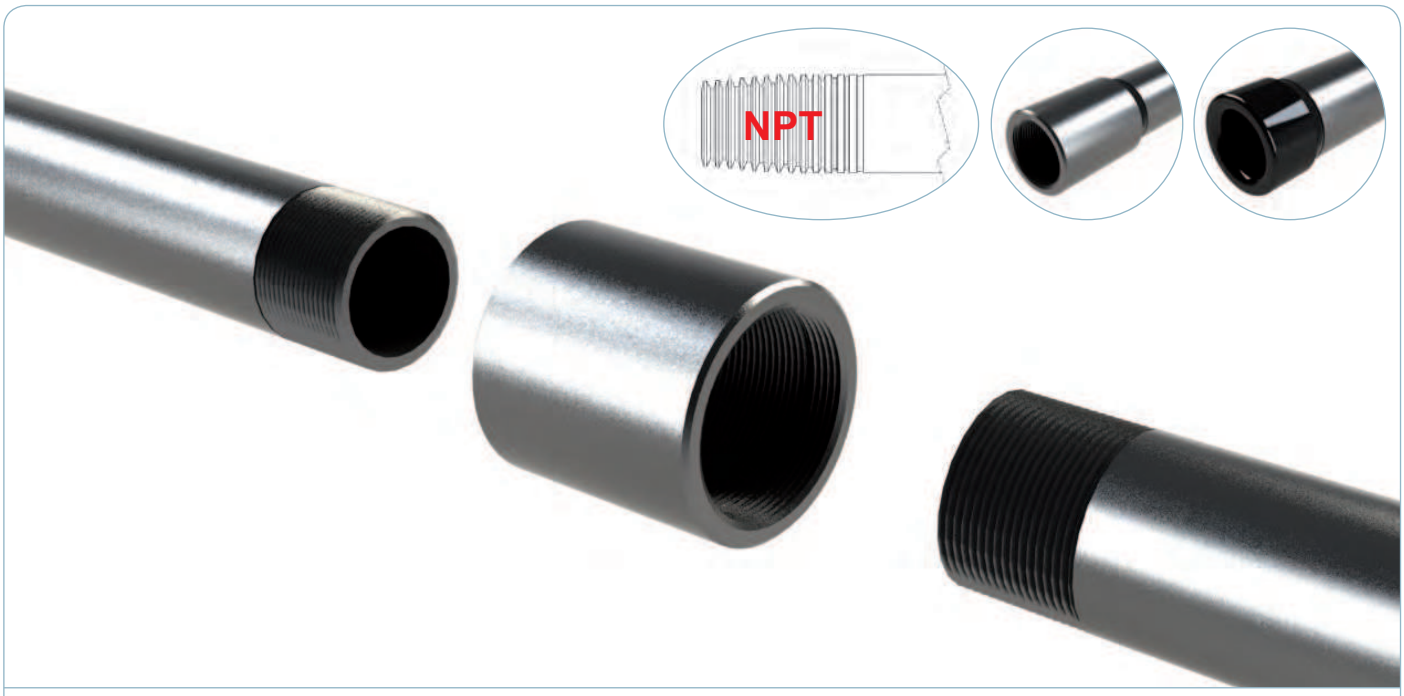


basortub

CONDUIT

PVC / RLH

BASORTUB



UNE 23727
UNE-EN 13501

55~70µm
EN-ISO 1461

EN 61386

RoHS

MGRN

CRC

CRL

BQM

BQ

ABC

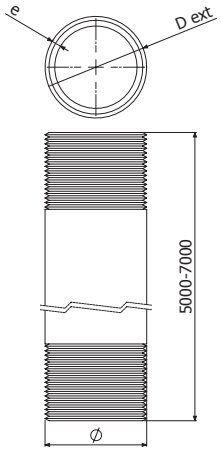
	Filling Area			
	SSM		SSS	
ø	cm²	in²	cm²	in²
1/2"	**8,14**	1,26	**7,80**	1,21
3/4"	**14,79**	2,29	**14,07**	2,18
1"	**23,41**	3,63	**22,80**	3,53
1 1/4"	**40,72**	6,31	**39,10**	6,06
1 1/2"	**55,15**	8,55	**52,66**	8,16
2"	**88,58**	13,73	**86,52**	13,41
2 1/2"	**165,13**	25,60	**144,41**	22,38
3"	**205,61**	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	2/7338	1,22
SSM 3/4"	3/4	26,9	2,6	2/7339	1,57
SSM 1"	1	33,7	3,2	2/7340	2,43
SSM 1 1/4"	1 1/4	42,4	3,2	2/4474	3,13
SSM 1 1/2"	1 1/2	48,3	3,2	2/7341	3,60
SSM 2"	2	60,3	3,6	2/7342	5,10
SSM 3"	3	88,9	4,0	2/7343	8,53
SSM 4"	4	114,3	4,5	2/7344	12,50

1 x MGRN + 1 x BQ

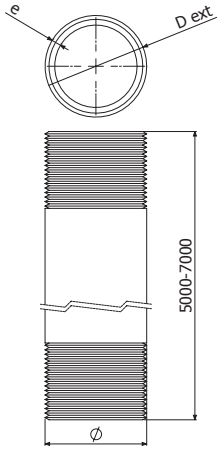


CONDUIT SSS ANSI C80.1

L = 5~7 m

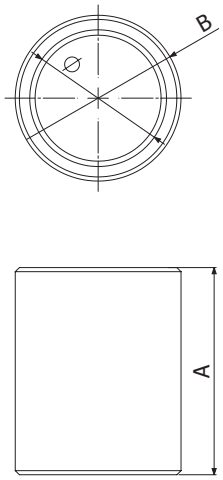
	Ø	D ext	e	GC	
	inch	mm	mm	REF	kg/m
SSS 1/2"	1/2	21,3	2,8	2/8198	1,26
SSS 3/4"	3/4	26,9	2,9	2/8199	1,68
SSS 1"	1	33,7	3,4	2/8200	2,50
SSS 1 1/4"	1 1/4	42,4	3,6	2/8201	3,37
SSS 1 1/2"	1 1/2	48,3	3,7	2/8202	4,04
SSS 2"	2	60,3	3,9	2/8203	5,43
SSS 2 1/2"	2 1/2	73,0	5,2	2/8204	8,61
SSS 3"	3	88,9	5,5	2/8205	11,27
SSS 4"	4	114,3	6,0	2/8206	16,05

1 x MGRN + 1 x BQ



MGRN

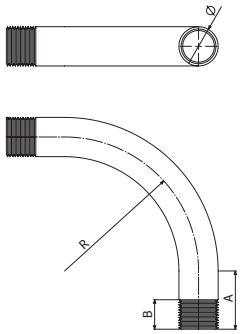
	Ø	A	B	EZ	
	inch	mm	mm	REF	kg/ud
MGRN 1/2"	1/2	30	26	2/7345	0,05
MGRN 3/4"	3/4	40	32	2/7346	0,07
MGRN 1"	1	50	39	2/7347	0,12
MGRN 1.1/4"	1 1/4	52	48	2/5206	0,16
MGRN 1.1/2"	1 1/2	52	55	2/7348	0,22
MGRN 2"	2	54	67	2/7349	0,29
MGRN 2.1/2"	2 1/2	79	83	2/7531	0,81
MGRN 3"	3	82	98,0	2/7350	0,88
MGRN 4"	4	89	124	2/7351	1,51



CRC

	Ø	A	B	R	GC	
	inch	mm	mm	mm	REF	kg/ud
CRC 1/2"	1/2	40	20	100	2/7472	0,42
CRC 3/4"	3/4	40	20	115	2/7473	0,53
CRC 1"	1	50	20	145	2/7474	1,02
CRC 1.1/4"	1 1/4	50	25	185	2/8192	1,68
CRC 1.1/2"	1 1/2	50	25	210	2/7475	2,44
CRC 2"	2	50	25	240	2/7476	3,60
CRC 2.1/2"	2 1/2	110	30	265	2/8193	6,45
CRC 3"	3	135	30	330	2/7477	10,50
CRC 4"	4	145	35	410	2/7478	19,50

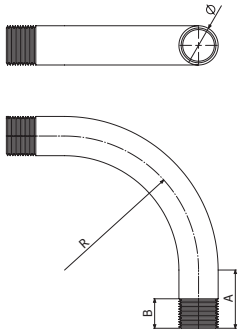
1 x MGRN



CRL

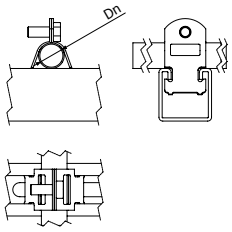
	Ø	A	B	R	GC	
	inch	mm	mm	mm	REF	kg/ud
CRL 1/2"	1/2	40	20	170	2/7479	0,50
CRL 3/4"	3/4	40	20	200	2/7480	0,71
CRL 1"	1	50	20	250	2/7481	1,34
CRL 1.1/4"	1 1/4	50	25	300	2/8194	2,13
CRL 1.1/2"	1 1/2	50	25	340	2/7482	2,96
CRL 2"	2	50	25	420	2/7483	4,89
CRL 2.1/2"	2 1/2	110	30	530	2/8195	9,73
CRL 3"	3	135	30	630	2/7484	15,21
CRL 4"	4	145	35	800	2/7485	27,29

1 x MGRN

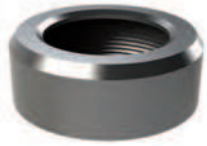


BFT

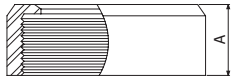
	Dn	e	GC	
	mm	mm	REF.	kg/ud
BFT 1/2"	21,3	1,5	2/14642	0,06
BFT 3/4"	25,4-26,9	1,5	2/14643	0,07
BFT 1"	32,8-33,4	1,5	2/14644	0,08
BFT 1.1/4"	41,3-42,4	2	2/14645	0,09
BFT 1.1/2"	47,6-48,3	2	2/14646	0,10
BFT 2"	60,3	2,5	2/14647	0,12
BFT 2.1/2"	69,9-73,0	2,5	2/14648	0,14
BFT 3"	84,0-88,9	2,5	2/14649	0,16
BFT 4"	111,1-115,3	2,5	2/14650	0,20

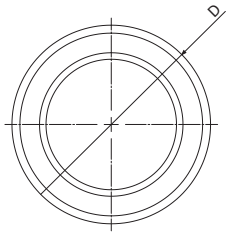


BQM



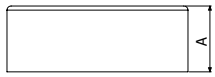
	Ø	D	A	EZ
	inch	mm	mm	REF
BQM 1/2"	1/2	30	15	2/8216
BQM 3/4"	3/4	35	15	2/8217
BQM 1"	1	40	18	2/8218
BQM 1.1/4"	1 1/4	50	20	2/8219
BQM 1.1/2"	1 1/2	55	25	2/8220
BQM 2"	2	70	30	2/8221
BQM 2.1/2"	2 1/2	85	35	2/8222
BQM 3"	3	100	40	2/8223
BQM 4"	4	130	45	2/8224

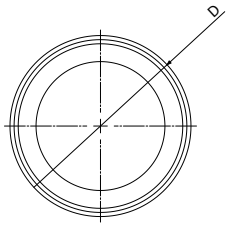




BQ

	Ø	D	A	PE
	inch	mm	mm	REF
BQ 1/2"	1/2	24	15	2/7379
BQ 3/4"	3/4	30	17	2/7380
BQ 1"	1	38	18	2/7381
BQ 1.1/4"	1 1/4	42	20	2/4902
BQ 1.1/2"	1 1/2	53	21	2/7382
BQ 2"	2	66	24	2/7383
BQ 2.1/2"	2 1/2	76	26	2/7532
BQ 3"	3	94	28	2/7384
BQ 4"	4	120	32	2/7385

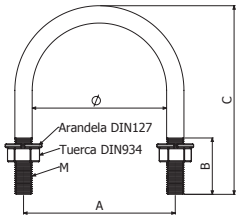




ABC

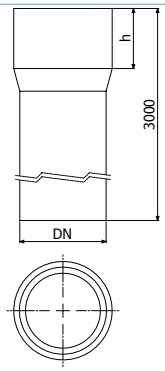
	Ø	A	B	C	M	EZ	
	inch	mm	mm	mm		REF	kg/ud
ABC 1/2"	1/2	28	17	42	M6	2/7458	0,03
ABC 3/4"	3/4	34	19	50	M6	2/7459	0,03
ABC 1"	1	41	24	62	M6	2/7460	0,04
ABC 1.1/4"	1 1/4	49	24	71	M6	2/8190	0,04
ABC 1.1/2"	1 1/2	57	26	80	M8	2/7461	0,08
ABC 2"	2	70	26	91	M8	2/7462	0,09
ABC 2.1/2"	2 1/2	85	35	117	M10	2/8191	0,18
ABC 3"	3	101	35	130	M10	2/7463	0,20
ABC 4"	4	127	35	155	M10	2/7464	0,24

	Ø	A	B	C	M	GC	
	inch	mm	mm	mm		REF	kg/ud
ABC 1/2"	1/2	30	17	42	M8	2/8207	0,03
ABC 3/4"	3/4	36	19	50	M8	2/8208	0,03
ABC 1"	1	43	24	62	M8	2/8209	0,04
ABC 1.1/4"	1 1/4	51	24	71	M8	2/8210	0,04
ABC 1.1/2"	1 1/2	57	26	80	M8	2/8211	0,08
ABC 2"	2	70	26	91	M8	2/8212	0,09
ABC 2.1/2"	2 1/2	85	35	117	M10	2/8213	0,18
ABC 3"	3	101	35	130	M10	2/8214	0,20
ABC 4"	4	127	35	155	M10	2/8215	0,24



RE1250 RLH

	DN		A		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	2/6453	0,07
RE1250 20	20	4/5"	16	5/8"	4322	54	07	2/6454	0,10
RE1250 25	25	1"	20	4/5"	4322	54	07	2/6455	0,13
RE1250 32	32	1 1/4"	22	6/7"	4322	54	07	2/6456	0,18
RE1250 40	40	1 4/7"	26	1"	4322	54	07	2/6457	0,26
RE1250 50	50	2"	31	1 2/9"	4322	54	07	2/6458	0,34
RE1250 63	63	2 1/2"	60	2 3/8"	4322	54	07	2/6459	0,53

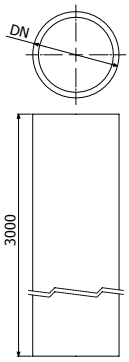


1250N 2J HALOGEN FREE

-5°C 90°C IP 54 RoHS V2

R1250 CLH

	DN		UNE-EN	IK	CLH 7035	
	mm	inch	61386		REF.	kg/m
R1250 16	16	5/8"	4422	08	2/7217	0,07
R1250 20	20	4/5"	4422	08	2/7218	0,10
R1250 25	25	1"	4422	08	2/7219	0,13
R1250 32	32	1 1/4"	4422	08	2/7220	0,18
R1250 40	40	1 4/7"	4422	08	2/7221	0,26
R1250 50	50	2"	4422	08	2/7222	0,34
R1250 63	63	2 1/2"	4422	08	2/7223	0,53

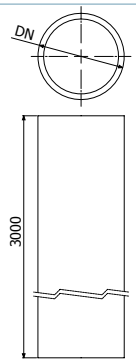


JUR 1250 1250N 6J HALOGEN FREE

-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	2/6460	0,11
R1250 20	20	4/5"	4321	07	2/6461	0,16
R1250 25	25	1"	4321	07	2/6462	0,22
R1250 32	32	1 1/4"	4321	07	2/6463	0,30
R1250 40	40	1 4/7"	4321	07	2/6464	0,40
R1250 50	50	2"	4321	07	2/6465	0,54
R1250 63	63	2 1/2"	4321	07	2/6466	0,78

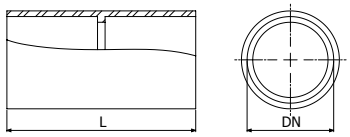


JUR 1250 1250N 2J

-5°C 60°C RoHS V0

JUR1250

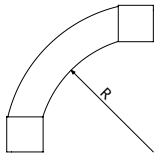
	DN		L		IP	RLH 7035	
	mm	inch	mm	inch		REF.	kg/ud
JUR1250 16	16	5/8"	50	2"	40	2/6732	0,01
JUR1250 20	20	4/5"	55	2 1/6"	40	2/6733	0,01
JUR1250 25	25	1"	60	2 1/3"	40	2/6734	0,01
JUR1250 32	32	1 1/4"	70	2 3/4"	40	2/6735	0,02
JUR1250 40	40	1 4/7"	80	3 1/7"	40	2/6736	0,03
JUR1250 50	50	2"	90	3 1/2"	40	2/6737	0,04
JUR1250 63	63	2 1/2"	130	5 1/8"	40	2/6738	0,05



-5°C 90°C IP 40 RoHS V2 HALOGEN FREE

CPR

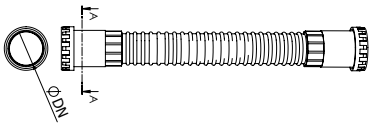
	DN		R		IP	RLH 7035	
	mm	inch	mm	inch		REF.	kg/ud
CPR 16	16	5/8"	54	2 1/8"	40	2/6739	0,01
CPR 20	20	4/5"	67	2 2/3"	40	2/6740	0,02
CPR 25	25	1"	85	3 1/3"	40	2/6741	0,04
CPR 32	32	1 1/4"	110	4 1/3"	40	2/6742	0,07
CPR 40	40	1 4/7"	138	5 3/7"	40	2/6743	0,10
CPR 50	50	2"	172	6 7/9"	40	2/6744	0,18



-5°C 90°C IP 40 RoHS V2 HALOGEN FREE

CFR

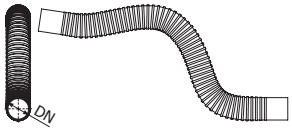
	DN		L		IP	RLH 7035	
	mm	inch	mm	inch		REF.	kg/ud
CFR 16	16	5/8"	220	8 2/3"	65	2/6819	0,08
CFR 20	20	4/5"	230	9"	65	2/6820	0,10
CFR 25	25	1"	540	9 4/9"	65	2/6821	0,11
CFR 32	32	1 1/4"	270	10 5/8"	65	2/6822	0,12
CFR 40	40	1 4/7"	300	11 4/5"	65	2/6823	0,13
CFR 50	50	2"	340	13 2/5"	65	2/6824	0,14



-5°C 90°C IP 65 RoHS V2 HALOGEN FREE

CFR2

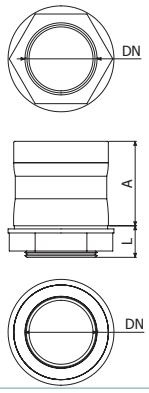
	DN		L		IP	PVC 7035	
	mm	inch	mm	inch		REF.	kg/ud
CFR2 16	16	5/8"	280	8 5/8"	65	2/7432	0,08
CFR2 20	20	4/5"	280	8 5/8"	65	2/7433	0,10
CFR2 25	25	1"	340	13 3/8"	65	2/7434	0,13
CFR2 32	32	1 1/4"	380	14 15/16"	65	2/7435	0,16



-5°C 90°C IP 65 RoHS V2 HALOGEN FREE

MCR1250

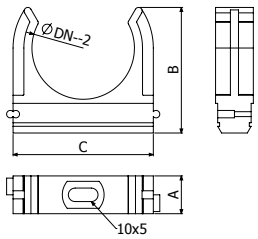
	DN		L	A	IP	RLH 7035	
	mm	inch	mm	mm		REF.	kg/ud
MCR1250 16	16	5/8"	15	42	65	2/6746	0,02
MCR1250 20	20	4/5"	15	44	65	2/6747	0,02
MCR1250 25	25	1"	15	47	65	2/6748	0,03
MCR1250 32	32	1 1/4"	16	52	65	2/6749	0,04
MCR1250 40	40	1 4/7"	16	64	65	2/6750	0,08
MCR1250 50	50	2"	18	72	65	2/6751	0,09



-5°C 90°C IP 67 RoHS V2 HALOGEN FREE

SPR1250

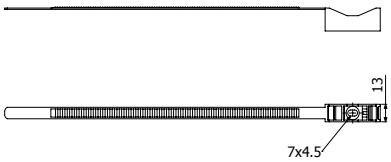
	DN		A		B		C		F	RLH 7035	
	mm	inch	mm	inch	mm	inch	mm	inch	kg	REF.	kg/ud
SPR1250 16	16	5/8"	12	1/2"	25	1"	21	5/6"	3	2/6753	0,01
SPR1250 20	20	4/5"	12	1/2"	28	1 1/9"	26	1"	3	2/6754	0,01
SPR1250 25	25	1"	12	1/2"	32	1 1/4"	31	1 2/9"	3	2/6755	0,01
SPR1250 32	32	1 1/4"	12	1/2"	43	1 2/3"	44	1 3/4"	3	2/6756	0,01
SPR1250 40	40	1 4/7"	14	5/9"	50	2"	52	2"	3	2/6757	0,01
SPR1250 50	50	2"	14	5/9"	56	2 1/5"	62	2 4/9"	3	2/6758	0,02



-5°C 90°C RoHS V2 HALOGEN FREE

ABR1250

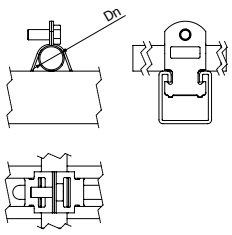
	DN		F	RLH 7035	
	mm	inch	kg	REF.	kg/ud
ABR1250 16-32	16/32	5/8"-1 1/4"	15	2/6760	0,01
ABR1250 20-63	20/63	4/5 - 2 1/2"	15	2/6761	0,01

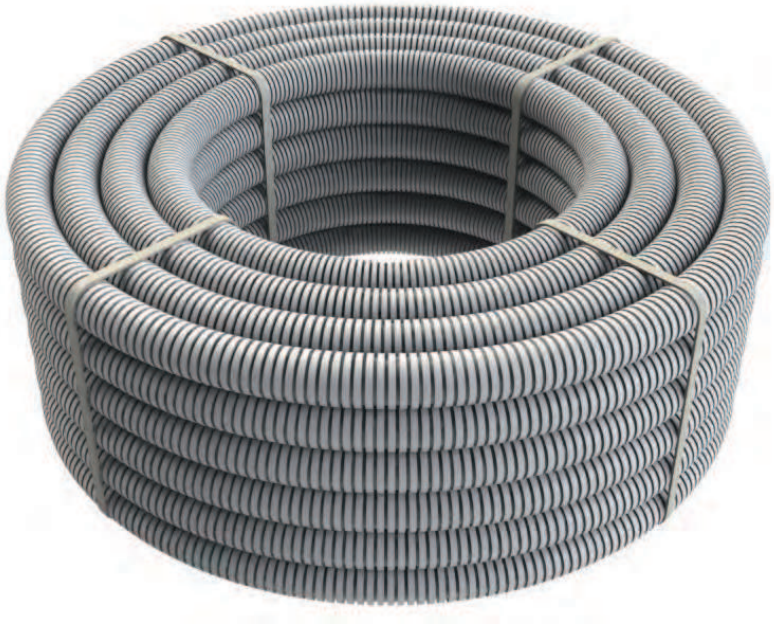


-5°C 90°C RoHS V2 HALOGEN FREE

BFT

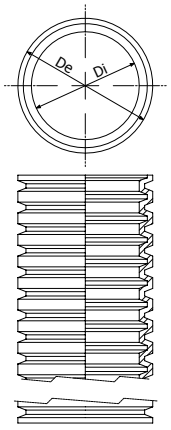
	Dn	e	EZ	
	mm	mm	REF.	kg/ud
BFT 20	20	1,5	2/6811	0,06
BFT 25	25	1,5	2/6812	0,07
BFT 32	32	1,5	2/6813	0,08
BFT 40	40	2	2/6814	0,09
BFT 50	50	2	2/6815	0,10





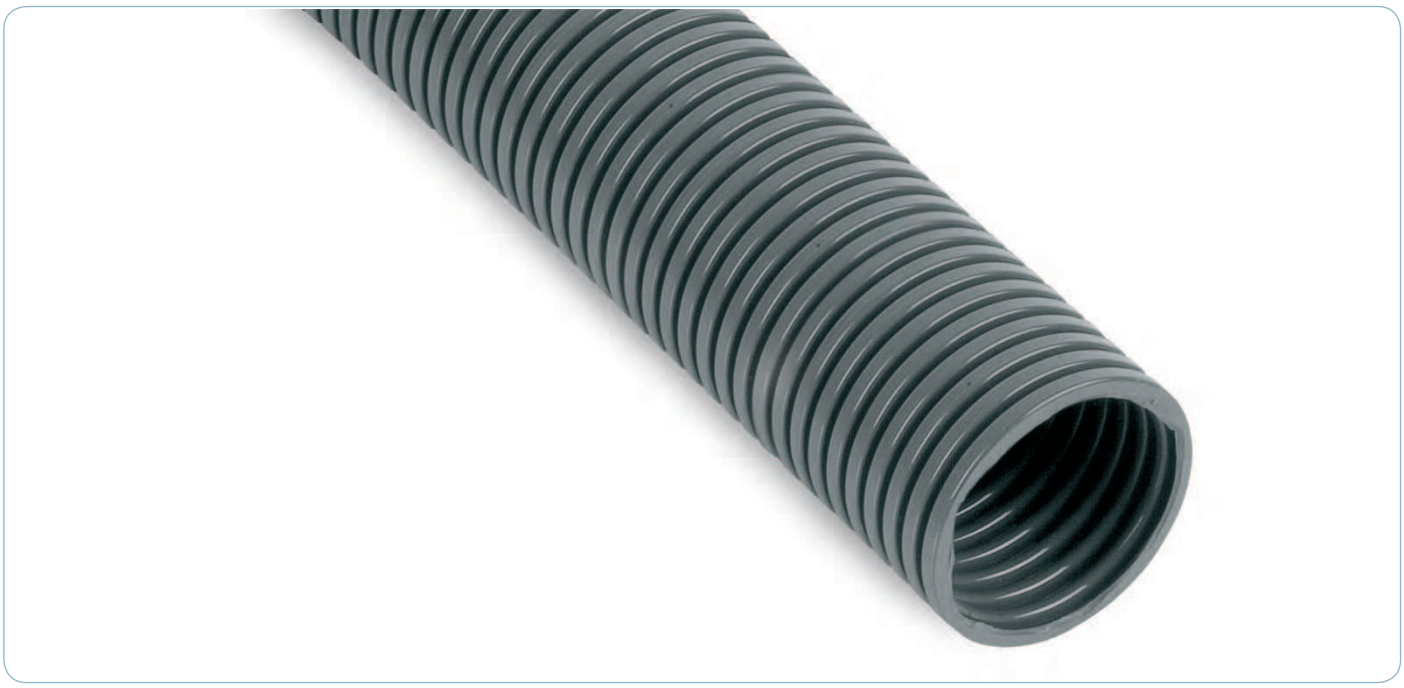
COFLEX

	Dext		Dint		UNE-EN	RLH 7035	
	mm	inch	mm	inch	61386	REF.	kg/m
COFLEX 16	16	5/8"	11	3/7"	2322	2/6995	0,032
COFLEX 20	20	4/5"	15	3/5"	2322	2/6996	0,044
COFLEX 25	25	1"	20	4/5"	2322	2/6997	0,056
COFLEX 32	32	1 1/4"	27	1"	2322	2/6998	0,081
COFLEX 40	40	1 4/7"	34	1 1/3"	2322	2/6999	0,114
COFLEX 50	50	2"	44	1 3/4"	2322	2/7000	0,160



basorflex

BASORFLEX



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

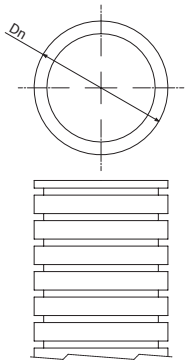
Para seleccionar un accesorio siga los siguientes pasos:
To select an accessory follow the next steps:

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	5	2432	2/6517	0,02	2/6526	0,02
FLEXL 13	13	13	10	7,5	2432	2/6518	0,02	2/6527	0,02
FLEXL 16	16	15,8	12	10	2432	2/6519	0,04	2/6528	0,04
FLEXL 18	18	18,5	14,3	12,5	2432	2/6520	0,04	2/6529	0,04
FLEXL 21	21	21,2	17	12,5	2432	2/6521	0,06	2/6530	0,06
FLEXL 28	28	28,5	23	15	2432	2/6522	0,08	2/6531	0,08
FLEXL 34	34	34,5	29	20	2432	2/6523	0,10	2/6532	0,10
FLEXL 42	42	42,5	36	32,5	2432	2/6524	0,16	2/6533	0,16
FLEXL 54	54	54,5	48	37,5	2432	2/6525	0,20	2/6534	0,20

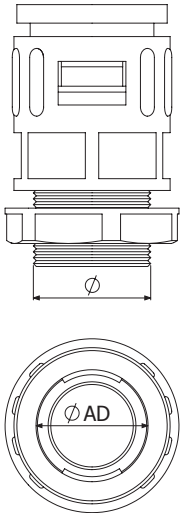


BGQ PG


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	2/6597	0,01	2/6608	0,01
BGQ 13PG09	13	9	15,20	0,60	1353	2/6598	0,01	2/6609	0,01
BGQ 16PG11	15,8	11	18,60	0,73	1353	2/6599	0,01	2/6610	0,01
BGQ 16PG13	15,8	13,5	20,40	0,80	1353	2/6600	0,01	2/6611	0,01
BGQ 18PG13	18,5	13,5	20,40	0,80	1353	2/6601	0,02	2/6612	0,02
BGQ 21PG13	21,2	13,5	20,40	0,80	1353	2/6602	0,02	2/6613	0,02
BGQ 21PG16	21,2	16	22,50	0,89	1353	2/6603	0,02	2/6614	0,02
BGQ 28PG21	28,5	21	28,30	1,11	1353	2/6604	0,03	2/6615	0,03
BGQ 34PG29	34,5	29	37,00	1,46	1353	2/6605	0,04	2/6616	0,04
BGQ 42PG36	42,5	36	47,00	1,85	1353	2/6606	0,06	2/6617	0,06
BGQ 54PG48	54,5	48	59,30	1,94	1353	2/6607	0,09	2/6618	0,09



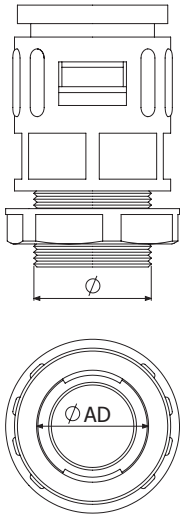
-45°C 85°C 125N 2J RoHS IP 68 V2 HALOGEN FREE

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	2/6639	0,01	2/6650	0,01
BGQ 13M16	13	16	1353	2/6640	0,01	2/6651	0,01
BGQ 16M16	15,8	16	1353	2/6641	0,01	2/6652	0,01
BGQ 16M20	15,8	20	1353	2/6642	0,02	2/6653	0,02
BGQ 18M20	18,5	20	1353	2/6643	0,02	2/6654	0,02
BGQ 21M20	21,2	20	1353	2/6644	0,02	2/6655	0,02
BGQ 28M25	21,2	25	1353	2/6645	0,03	2/6656	0,03
BGQ 34M32	28,5	32	1353	2/6646	0,04	2/6657	0,04
BGQ 42M40	34,5	40	1353	2/6647	0,07	2/6658	0,07
BGQ 54M50	42,5	50	1353	2/6648	0,10	2/6659	0,10
BGQ 54M63	54,5	63	1353	2/6649	0,10	2/6660	0,10



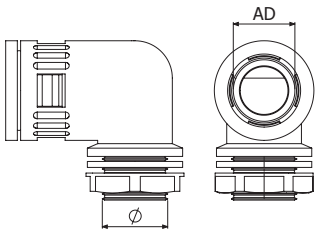
-45°C 85°C 125N 2J RoHS IP 68 V2 HALOGEN FREE

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	2/6619	0,01	2/6629	0,01
BGW90 13PG09	13	9	15,20	0,60	2/6620	0,02	2/6630	0,02
BGW90 16PG11	15,8	11	18,60	0,73	2/6621	0,02	2/6631	0,02
BGW90 16PG13	15,8	13	20,40	0,80	2/6622	0,02	2/6632	0,02
BGW90 21PG13	21,2	13	20,40	0,80	2/6623	0,02	2/6633	0,02
BGW90 21PG16	21,2	16	22,50	0,89	2/6624	0,02	2/6634	0,02
BGW90 28PG21	28,5	21	28,30	1,11	2/6625	0,04	2/6635	0,04
BGW90 34PG29	34,5	29	37,00	1,46	2/6626	0,06	2/6636	0,06
BGW90 42PG36	42,5	36	47,00	1,85	2/6627	0,10	2/6637	0,10
BGW90 54PG48	54,5	48	59,30	1,94	2/6628	0,15	2/6638	0,15



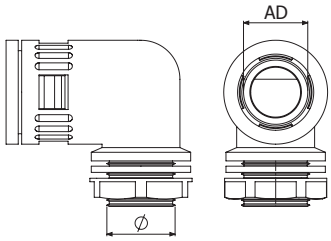
-45°C 85°C 125N 2J RoHS IP 68 V2 HALOGEN FREE

BGW M

RAL 7031

RAL 9011

	AD	Rosca	PA6 7031		PA6 9011	
	mm	M	REF.	kg/ud	REF.	kg/ud
BGW90 10M12	10	12	2/6661	0,01	2/6671	0,01
BGW90 13M16	13	16	2/6662	0,02	2/6672	0,02
BGW90 16M16	15,8	16	2/6663	0,02	2/6673	0,02
BGW90 16M20	15,8	20	2/6664	0,02	2/6674	0,02
BGW90 21M20	21,2	20	2/6665	0,02	2/6675	0,02
BGW90 28M25	28,5	25	2/6666	0,04	2/6676	0,04
BGW90 34M32	34,5	32	2/6667	0,06	2/6677	0,06
BGW90 42M40	42,5	40	2/6668	0,10	2/6678	0,10
BGW90 54M50	54,5	50	2/6669	0,15	2/6679	0,15
BGW90 54M63	54,5	63	2/6670	0,16	2/6680	0,16



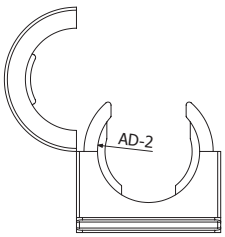
-45°C 85°C 125N 2J RoHS IP 68 V2 HALOGEN FREE

SPFLEX

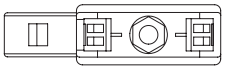
RAL 7031

RAL 9011

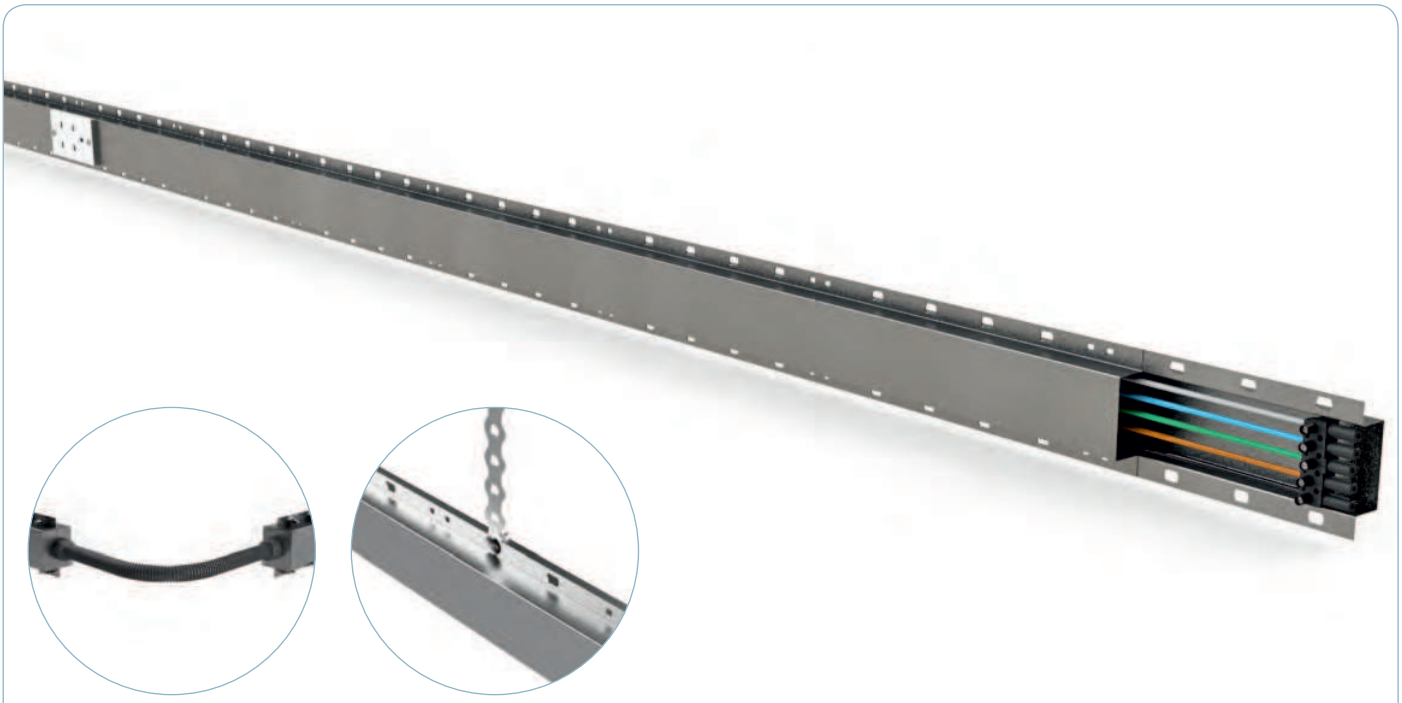
	AD	PA6 7031		PA6 9011	
	mm	REF.	kg/ud	REF.	kg/ud
SPFLEX 10	10	2/6681	0,01	2/6690	0,01
SPFLEX 13	13	2/6682	0,01	2/6691	0,01
SPFLEX 16	15,8	2/6683	0,01	2/6692	0,01
SPFLEX 18	18,5	2/6684	0,01	2/6693	0,01
SPFLEX 21	21,2	2/6685	0,01	2/6694	0,01
SPFLEX 28	28,5	2/6686	0,01	2/6695	0,01
SPFLEX 34	34,5	2/6687	0,01	2/6696	0,01
SPFLEX 42	42,5	2/6688	0,02	2/6697	0,02
SPFLEX 54	54,5	2/6689	0,02	2/6698	0,02



-45°C 105°C RoHS V2 HALOGEN FREE



trunking



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	2/6478	2	0	-	-	1	20	2,5	3
FN 20A-2T 3M	2/6778	2	0	-	-	2	20	2,5	3
3FN 20A-1TS 3M	2/6775	4	1	20	2,5	0	-	-	3
3FN 20A-2TS 3M	2/6777	4	2	20	2,5	0	-	-	3
3FN 25A-1TS 3M	2/6789	4	1	25	4	0	-	-	3
3XFN 20A-3T 5M	2/0385	4	0	-	-	3	20	2,5	5
3FN+E 20A-2TS/20A-1T 3M	2/6788	4	2	20	2,5	1	20	2,5	3
3FN+E 25A-1TS/20A-1T 3M	2/6790	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	2/6478	5,59	6,27	6,92
FN 20A-2T 3M	2/6788	5,70/5,62(E)	6,40/6,30(E)	7,06/6,95(E)
3FN 20A-1TS 3M	2/6775	5,62	6,30	6,95
3FN 20A-2TS 3M	2/6777	5,70	6,40	7,06
3FN 25A-1TS 3M	2/6789	3,51	3,93	4,33
3XFN 20A-3T 5M	2/0385	5,73	6,43	7,09
3FN+E 20A-2TS/20A-1T 3M	2/6788	5,70/5,62(E)	6,40/6,30(E)	7,06/6,95(E)
3FN+E 25A-2TS/20A-1T 3M	2/6790	3,51/3,51(E)	3,93/3,93(E)	4,33/4,33(E)

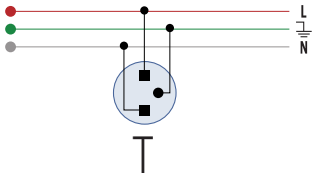
Caída de tensión unitaria: Unitary voltage drop:	eu=k.(e/L.I)
eu,	Caída de tensión unitaria en voltios *Unitary voltage drop in volts*
e,	Caída de tensión (Voltios) *Voltage drop (volts)*
L,	Longitud de la canalización (km) *Lenght of the trunking (km)*
I,	Intensidad de servicio (A) *Intensity of service (A)*
k,	Factor de la distribución de la corriente *Distribution factor of the current*

FN

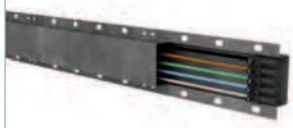
L = 3 m (10 ft)

	IT (A)		GS REF.	GS kg/m
FN 20A-1T 3M	20	1	2/6478	1,17
FN 20A-2T 3M	20	2	2/6778	1,27

6 x DIN933 M6x20 (0/0727 - EZ) + 6 x DIN6923 M6 (0/0337 - EZ)



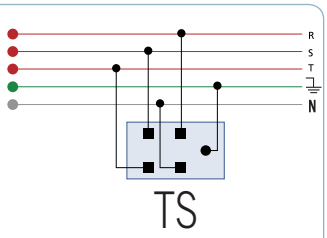
3FN



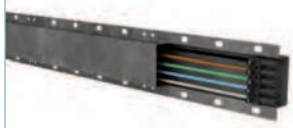
L = 3 m (10 ft)

	ITS (A)		GS REF.	GS kg/m
3FN 20A-1TS 3M	20	1	2/6775	1,25
3FN 20A-2TS 3M	20	2	2/6777	1,46
3FN 25A-1TS 3M	25	1	2/6789	1,38

6 x DIN933 M6x20 (0/0727 - EZ) + 6 x DIN6923 M6 (0/0337 - EZ)



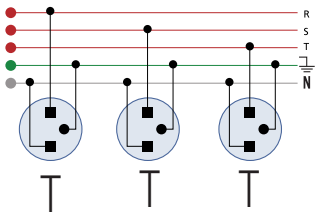
3XFN



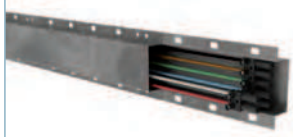
L = 5 m (16,4 ft)

	IT (A)		GS REF.	GS kg/m
3XFN 20A-3T 5M	20	3	2/0385	2,19

6 x DIN933 M6x20 (0/0727 - EZ) + 6 x DIN6923 M6 (0/0337 - EZ)



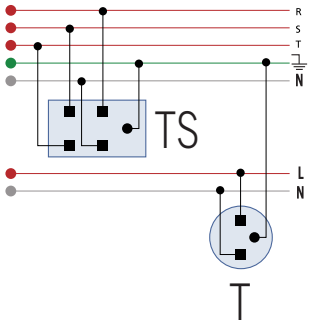
3FN+E



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	2/6788	1,45
3FN+E 25A-1TS/20A-1T 3M	25	1	20	1	2/6790	1,50

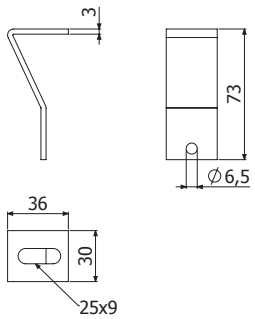
6 x DIN933 M6x20 (0/0727 - EZ) + 6 x DIN6923 M6 (0/0337 - EZ)



SFN

	GS	
	REF.	kg/m
SFN	2/5534	0,08

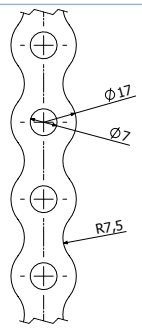
1 x DIN933 M6x20 (0/0727 - EZ) + 1 x DIN6923 M6 (0/0337 - EZ)



CSJ

	GS	
	REF.	kg/m
CSJ	2/4291	0,11

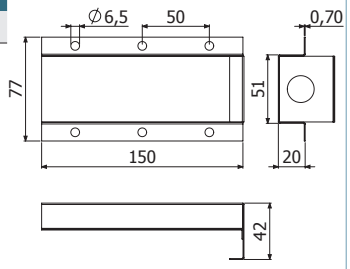
M6



TFN

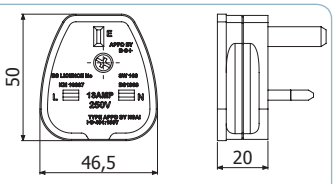
	GS	
	REF.	kg/m
TFN	2/0401	0,12

6 x DIN933 M6x20 (0/0727 - EZ) + 6 x DIN6923 M6 (0/0337 - EZ)



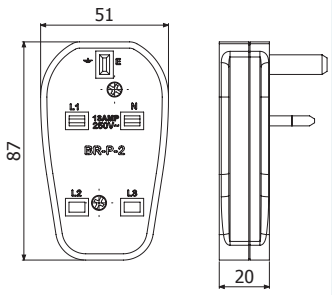
CLV-T

	REF.	kg/m
CLV-T	2/0402	0,06



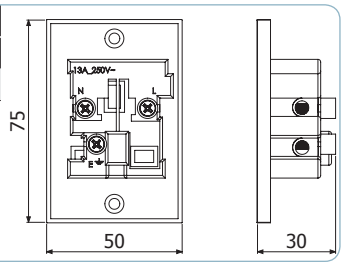
CLV-TS

	REF.	kg/m
CLV-TS	2/6513	0,08



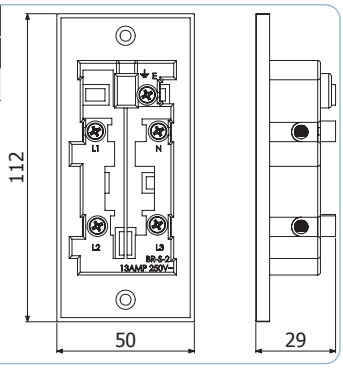
B-T

	REF.	kg/m
B-T	1/0436	0,04



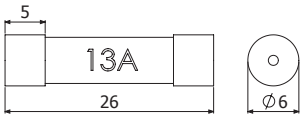
B-TS

	REF.	kg/m
B-TS	1/2365	0,07

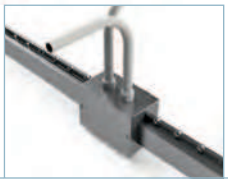


F13A

	REF.	kg/m
F13A	2/0404	0,01

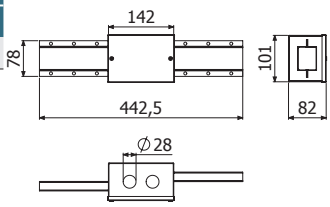


KADP



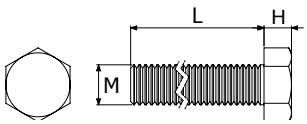
	GS	
	REF.	kg/m
KADP	2/0400	0,88

12 x DIN933 M6x20 (0/0727 - EZ) + 12 x DIN6923 M6 (0/0337 - EZ)



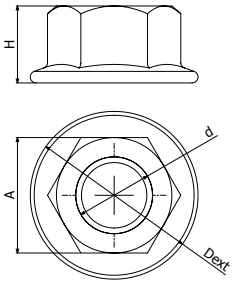
DIN933

	P	M	L	H	EZ	
	Nm	mm	mm	mm	REF.	kg/ud
DIN933 M6X20	8	6	20	4,1	0/0727	0,02



DIN6923

	d	Dext	A	H	EZ	
		mm	mm	mm	REF.	kg/ud
DIN6923 M6	M6	14	10	6	0/0337	0,01

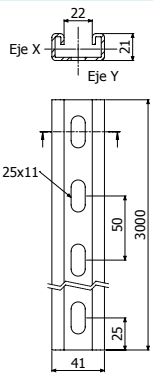


basorfix

41X21

L = 3 m (10 ft)

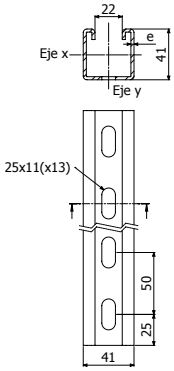
	e	A		Wx		Wy		GS		GC	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/m
41X21X1,5	1,5	**1,44**	0,22	**0,79**	0,04	**1,86**	0,11	2/6366	1,26	-	1,35
41X21X2,5	2,5	**2,14**	0,33	**1,08**	0,06	**2,73**	0,16	2/0235	1,71	2/0236	1,80



41X41

L = 3 m (10 ft)

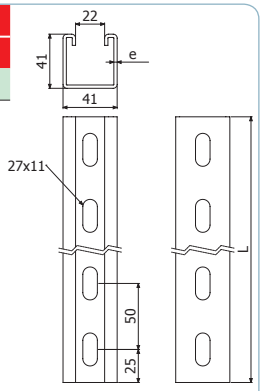
	e	A		Wx		Wy		GS		GC	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/m
41X41X1,5	1,5	**1,95**	0,30	**2,09**	0,12	**2,92**	0,17	2/6365	1,67	-	1,79
41X41X2,5	2,5	**3,13**	0,48	**3,16**	0,19	**4,54**	0,27	2/0233	2,53	2/0234	2,66
41X41X2,5 D13	2,5	**3,13**	0,48	**3,16**	0,19	**4,54**	0,27	2/7388	2,53	-	4,54



41X41X2-3S

L = 3 m (10 ft)

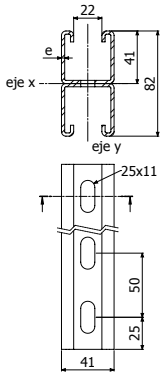
	e	A		Wx		Wy		GS		GC	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/m
41X41X2-3S	2	**2,20**	0,34	**2,27**	0,14	**3,08**	0,19	2/17313	2,02	2/17312	2,217



41X82

L = 3 m (10 ft)

	e	A		Wx		Wy		GS		GC	
	mm	cm²	in²	cm³	in³	cm³	in³	REF.	kg/m	REF.	kg/m
41X82X2,5	2,5	**6,37**	0,98	**9,49**	0,57	**9,11**	0,55	-	5,05	2/5573	5,31



A


K41


K82


K82ME


SB41


SBL41


KA41


4182H

A


4182CR


4182TE


4182CV


4182A


4182B


4182C


4182CD


4182D


4182E


4182F


4182G


4182I


SB41


SBL41


4182H

A


TF41


TM41

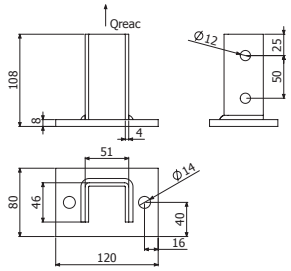

TAD


TEP

K41

	Qreac kg	Pap N·m	GC REF.	GC kg/ud
K41	700	40	2/5622	0,83

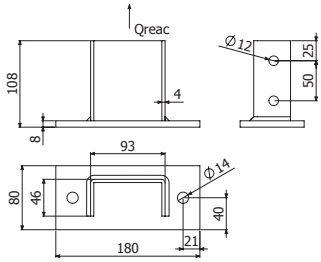
2 x DIN933 M10X30 (0/0320) + 2 x TM41 M10 (0/1071)



K82

	Qreac kg	Pap N·m	GC REF.	GC kg/ud
K82	1100	40	2/5574	1,44

4 x DIN933 M10X30 (0/0320) + 4 x TM41 M10 (0/1071)



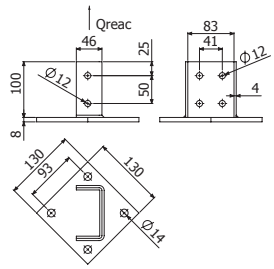
K82ME

	Qreac kg	Pap N·m	GC REF.	GC kg/ud
K82ME	1100	40	2/7020	1,57

2x 4 x DIN933 M10X30 (0/0320) + 4 x TM41 M10 (0/1071)
4/50 x B3 (2/8827 - GC)

1x + + 2 x DIN933 M10X30 (0/0320) + 2 x TM41 M10 (0/1071)
+ 2 x DIN933 M8x20 (0/0318) + 2 x DIN6923 M8 (0/0348)

2x 4 x DIN933 M8X20 (0/0318) + 4 x DIN6923 M8 (0/0348)

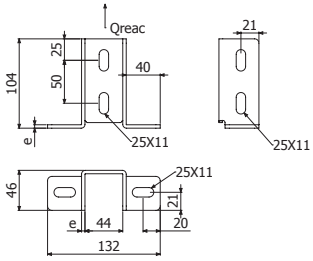


SBL41

	Qreac kg	Pap N·m	e mm	GS REF.	GS kg/m	e mm	GC REF.	GC kg/ud
SBL41	600	40	4	2/7058	0,40	4	2/6472	0,44

2 x DIN933 M10X30 (0/0320) + 2 x TM41 M10 (0/107)

2/50 x B3 (2/8827)

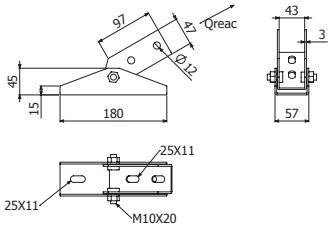


KA41

	Qreac kg	Pap N·m	GC REF.	GC kg/ud
KA41	1000	40	2/6475	0,82

2 x DIN933 M10X30 (0/0320) + 2 x TM41 M10 (0/1071)

2/50 x B3 (2/8827)

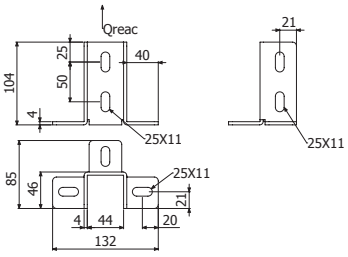


SB41

	Qreac kg	Pap N·m	GC REF.	GC kg/ud
SB41	700	40	2/6471	0,51

2 x DIN933 M10X30 (0/0320) + 2 x TM41 M10 (0/1071)

2/50 x B3 (2/8827)

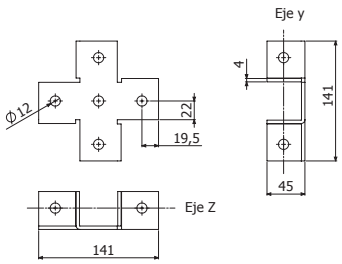


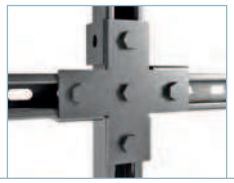
4182CR

	Reducc z	Reducc y	Pap N·m	GC REF.	GC kg/ud
4182CR	0%	0%	40	2/6473	0,56

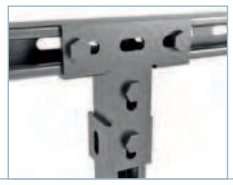
5 x DIN933 M10X30 (0/0320) + 5 x TM41 M10 (0/1071)

5/50 x B3 (2/8827)





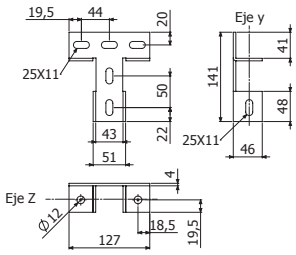
4182TE



	Reducc z	Reducc y	Pap N·m	GC REF.	GC kg/ud
4182TE	0%	0%	40	2/6474	0,51

4 x DIN933 M10X30 (0/0320) + 4 x TM41 M10 (0/1071)

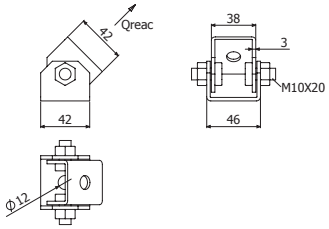
4/50 x B3 (2/8827)



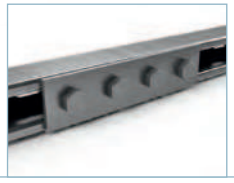
4182CV

	Qreac kg	Pap N·m	GC REF.	GC kg/ud
4182CV	500	20	2/6477	0,51

M8 & M10



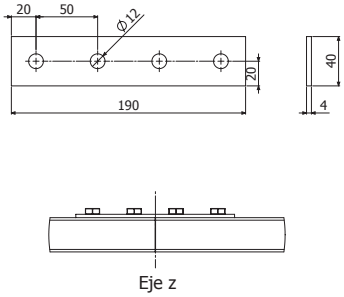
4182A



	Reducc z	Pap N·m	GC REF.	GC kg/ud
4182A	20%	40	2/6311	0,23

4 x DIN933 M10X30 (0/0320) + 4 x TM41 M10 (0/107)

4/50 x B3 (2/8827)

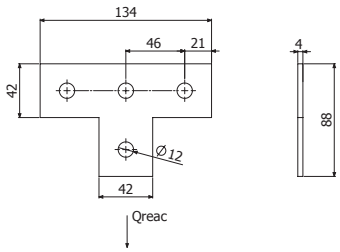


4182B

	Qreacc kg	Pap N·m	GC REF.	GC kg/ud
4182B	350	40	2/6312	0,23

4 x DIN933 M10X30 (0/0320) + 4 x TM41 M10 (0/1071)

4/50 x B3 (2/8827)

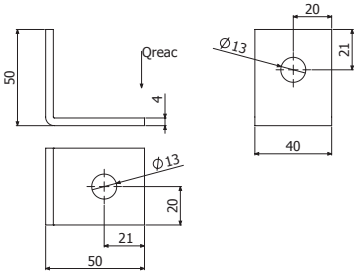


4182C

	Qreacc kg	Pap N·m	GC REF.	GC kg/ud
4182C	350	40	2/6313	0,11

2 x DIN933 M10X30 (0/0320) + 2 x TM41 M10 (0/1071)

2/50 x B3 (2/8827)

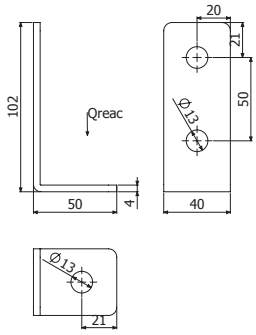


4182CD

	Qreacc kg	GC REF.	GC kg/ud
4182CD	700	2/7127	0,17

3 x DIN933 M10X30 (0/0320) + 3 x TM41 M10 (0/1071)

3/50 x B3 (2/8827)

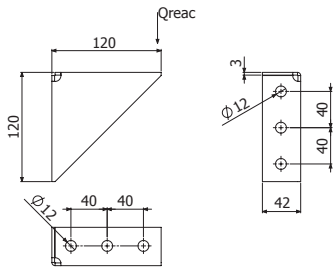


4182D

	Qreacc kg	Pap N·m	GC REF.	GC kg/ud
4182D	1.050	40	2/6314	0,36

4 x DIN933 M10X30 (0/0320) + 4 x TM41 M10 (0/1071)

4/50 x B3 (2/8827)

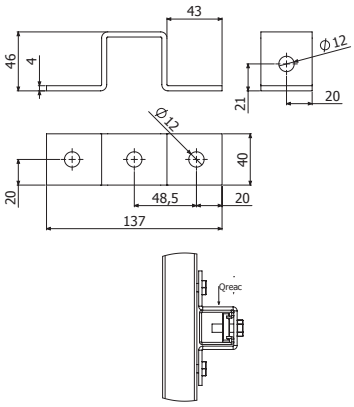


4182E

	Qreacc kg	Pap N·m	GC REF.	GC kg/ud
4182E	700	40	2/6315	0,25

3 x DIN933 M10X30 (0/0320) + 3 x TM41 M10 (0/1071)

2/50 x B3 (2/8827)

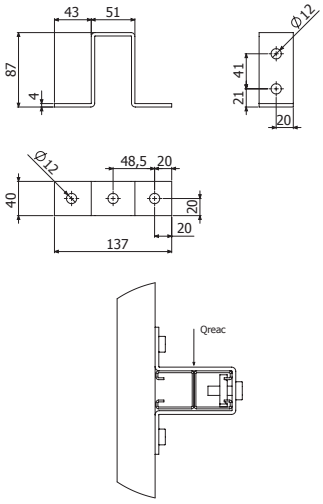


4182F

	Qreacc kg	Pap N·m	GC REF.	GC kg/ud
4182F	700	40	2/6316	0,35

3/4 x DIN933 M10X30 (0/0320) + 3/4 x TM41 M10 (0/1071)

3/4 x B3 (2/8827)

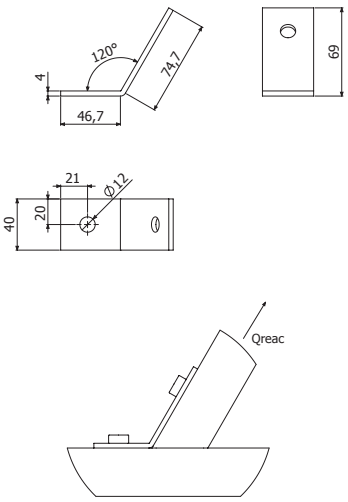


4182G

	Qreacc kg	Pap N·m	GC REF.	GC kg/ud
4182G	250	40	2/6317	0,11

2 x DIN933 M10X30 (0/0320) + 2 x TM41 M10 (0/1071)

2/100 x B3 (2/8827)

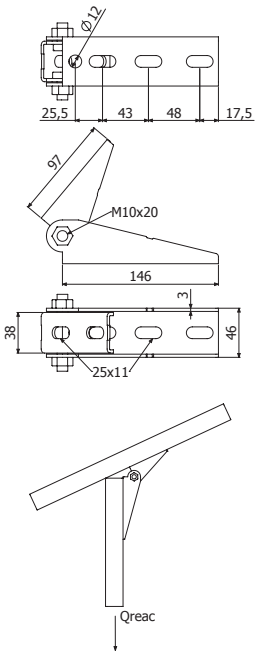


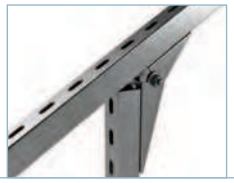
4182H

	Qreacc	Pap	GC	
	kg	N·m	REF.	kg/ud
4182H	800	40	2/6948	0,72

4 x DIN933 M10X30 (0/0320) + 4 x TM41 M10 (0/1071)

4/50 x B3 (2/8827)



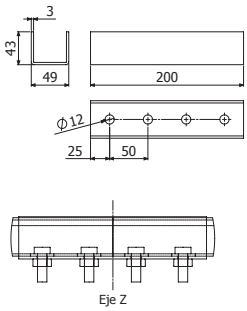


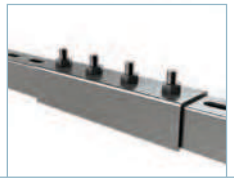
4182I

	Reducc	GC	
	Z	REF.	kg/ud
4182I	0%	2/7011	0,62

4 x DIN933 M10X30 (0/0320) + 4 x TM41 M10 (0/1071)

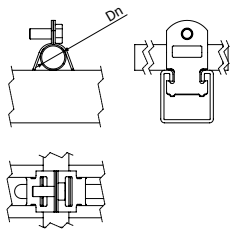
4/50 x B3 (2/8827)





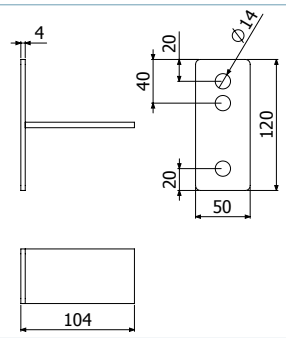
BFT

	Dn	e	GC	
	mm	mm	REF.	kg/ud
BFT 1/2"	21,3	1,5	2/14642	0,06
BFT 3/4"	25,4-26,9	1,5	2/14643	0,07
BFT 1"	32,8-33,4	1,5	2/14644	0,08
BFT 1 1/4"	41,3-42,4	2	2/14645	0,09
BFT 1 1/2"	47,6-48,3	2	2/14646	0,10
BFT 2"	60,3	2,5	2/14647	0,12
BFT 2 1/2"	69,9-73,0	2,5	2/14648	0,14
BFT 3"	84,0-88,9	2,5	2/14649	0,16
BFT 4"	111,1-115,3	2,5	2/14650	0,20



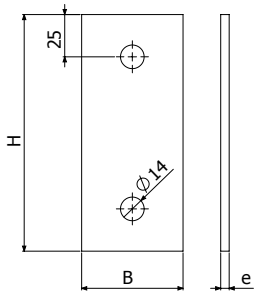
TSO

	e	GC	
	mm	REF.	kg/ud
TSO	4	2/6332	0,19



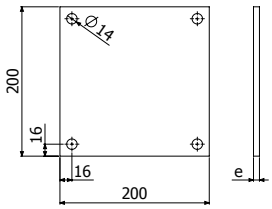
PSOS

	B		H		e	GC	
	mm	inch	mm	inch	mm	REF.	kg/ud
PSOS 60X140X5	60	2 1/3"	140	5 1/2"	5	2/7082	0,34
PSOS 80X180X8	80	3 1/7"	180	7"	8	2/1131	0,92

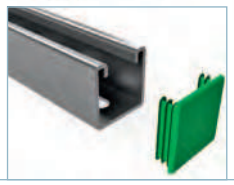


PSOM

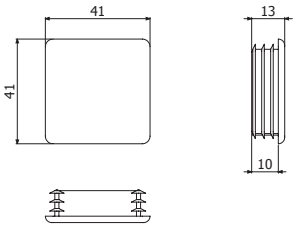
	e	GC	
	mm	REF.	kg/ud
PSOM 200X200X5	5	2/1155	1,60
PSOM 200X200X10	10	2/0245	3,20



TF41

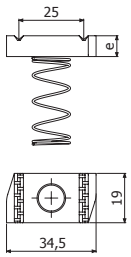


	PVC	
	REF.	kg/ud
TF41	2/5627	0,01



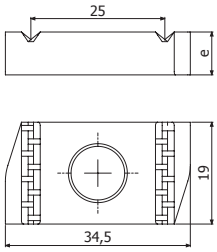
TM41

	e	Qtrac	Qcort	Pap	EZ		GC		i316	
	mm	kg	kg	N·m	REF.	kg/ud	REF.	kg/ud	REF.	kg/ud
TM41 M6	6	500	100	3,5	0/0427	0,03	2/8225	0,03	-	-
TM41 M8	6	600	240	8,4	0/0455	0,03	0/1070	0,03	0/1072	0,03
TM41 M10	8	700	350	17	0/0336	0,04	0/1071	0,04	0/0970	0,04



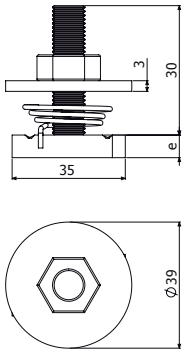
TAD

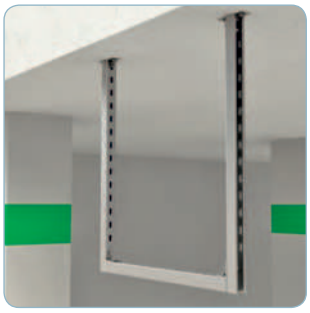
	e	Qtrac	Qcort	Pap	EZ	
	mm	kg	kg	N·m	REF.	kg/ud
TAD M8	6	600	240	8,4	0/0494	0,03
TAD M10	8	700	350	17	2/5543	0,03

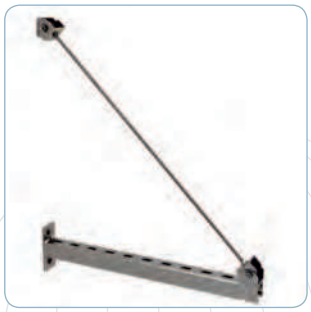


TEP

	e	Qtrac	Qcort	Pap	EZ	
	mm	kg	kg	N·m	REF.	kg/ud
TEP M10X30	8	700	350	17	0/0907	0,10





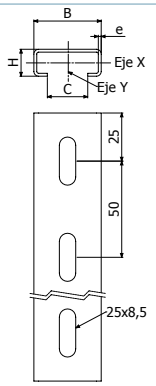


RA / CT

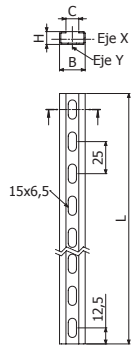
L = 2 -3 m (6,56 -10 ft)

	B	H	C	e	A	Wx	Wy	GS		GC	
	mm	mm	mm	mm	cm²	cm³	cm³	REF.	kg/m	REF.	kg/m
RA35	35	14	15	1,5	0,9	0,28	1,00	2/0237	0,79	2/0238	0,87
RA50	50	14	30	1,5	1,1	0,30	1,68	2/0239	0,99	2/0240	1,09
CT40	40	20	20	1,5	1,25	0,65	1,63	2/4471	0,99	2/0246	1,09
CT40	40	20	20	1,5	1,25	0,65	1,63	-	-	-	-
CT20	20	10	10	1,0	0,38	0,09	0,25	2/0242	0,34	-	-

M6, M8



RA / CT

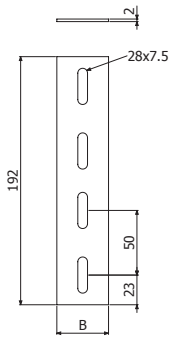


CT20

JURA

	B	GS		GC	
	mm	REF.	kg/ud	REF.	kg/ud
JURA 35	28	2/1122	0,07	2/1123	0,08
JURA 50	40	2/1124	0,11	2/3473	0,12

M6



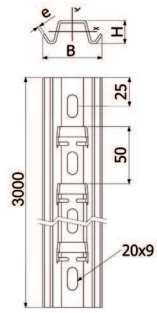
C-SVO

L = 3 m (10 ft)

	B	H	e	GS		GC	
	mm	mm	mm	REF.	kg/m	REF.	kg/m
C-SVO	52	20	2	2/1101	1,20	2/7436	1,32

C-SVO

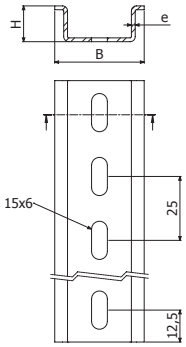
M6, M8



OBP / OBC / OAP / OAC

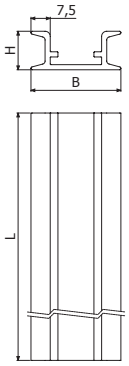
	e	B	H	GS	
	mm			REF.	kg/m
OBP	1	35	7	2/0248	0,37
OBC	1	35	7	2/7214	0,41
OAP	1,5	35	14	2/0250	0,69
OAC	1,5	35	14	2/7227	0,73

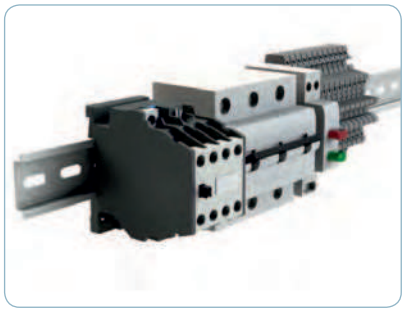
L = 2 m (6,7 ft)



OR

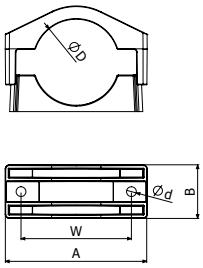
	B		H		L		AL	
	mm	inch	mm	inch	m	ft	REF.	kg/m
OR 2M	**35**	1 3/8	**15**	3/5	**2**	**6,6**	2/9805	0,40
OR 3M	**35**	1 3/8	**15**	3/5	**3**	**10**	2/9806	0,40





SE

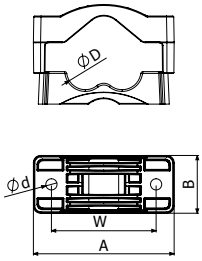
	A mm	B mm	W mm	D mm	d mm	RM kN		PAFV REF.
SE 15-26	77	45	50	15-26	10	20,0	✓	2/7282
SE 26-38	92	60	60	26-38	12	30,0	X	2/7283
SE 36-52	105	60	75	36-52	12	20,0	X	2/7284
SE 50-75	126	60	95	50-75	12	10,0	X	2/7285
SE 75-100	200	80	150	75-100	15	68,8	X	2/7286
SE 100-135	225	85	175	100-135	15	67,4	X	2/7287
SE 135-170	260	90	210	135-170	15	66,3	X	2/7288



RoHS✓ VO 120°C -40°C UNE-EN 61537

TRIPLE

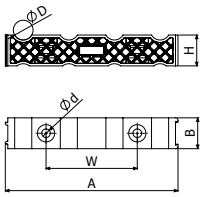
	A mm	B mm	W mm	D mm	d mm	RM kN		PAFV REF.
TRIPLE 27-38	180	75	125	3X 27-38	15	35,9	✓	2/7289
TRIPLE 38-51	195	80	145	3X 38-51	15	39,8	✓	2/7290
TRIPLE 51-69	220	85	170	3X 51-69	15	69,9	✓	2/7291
TRIPLE 69-90	252	90	215	3X 69-90	15	56,7	✓	2/7292
TRIPLE 90-118	321	100	270	3X 90-118	15	54,3	✓	2/7293
TRIPLE 118-150	400	110	340	3X 118-150	15	54,3	✓	2/7294



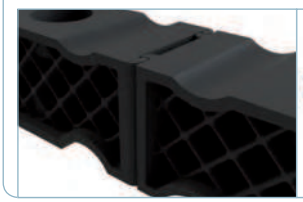
RoHS✓ VO 120°C -40°C UNE-EN 61537

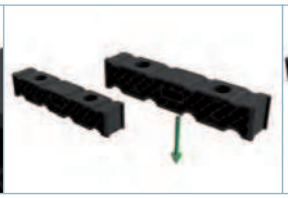
IM

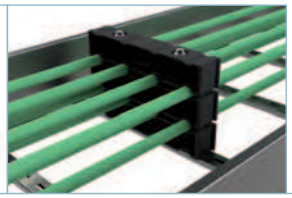
	A mm	B mm	H mm	W mm	D mm	d mm	RM kN		PAFV REF.
IM 3X12-32	180	50	50	148	12-32	14	29,5	✓	2/7295
IM 4X32-48	345	50	50	170	32-48	15	29,5	✓	2/7296



RoHS✓ VO 120°C -40°C UNE-EN 61537







DIN 976 & DIN 934

DIN976

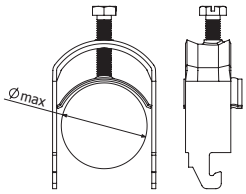
DIN934

	i304	
	REF.	kg/ud
DIN976 M8X85	2/10246	0,03
DIN976 M10X100	2/10247	0,05
DIN976 M10X150	2/10248	0,07
DIN976 M12X150	2/10249	0,13
DIN976 M12X200	2/10250	0,17
DIN976 M12X250	2/10251	0,21
DIN976 M12X360	2/10252	0,30
DIN934 M8	0/0344	0,01
DIN934 M10	0/0343	0,01
DIN934 M12	0/0347	0,01

	VR min	VR max
SE 15-26	M8x85	M8x85
SE 26-38	M10x100	M10x100
SE 36-52	M10x100	M10x100
SE 50-75	M10x100	M10x150
SE 75-100	M12x150	M12x150
SE 100-135	M12x150	M12x200
SE 135-170	M12x200	M12x250
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

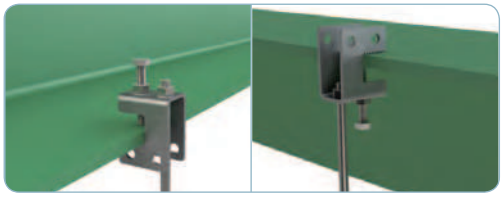
	Ø max	e	GC	
	mm	mm	REF.	kg/ud
SE41 6-12	6-12	1,5	2/7352	0,03
SE41 12-16	12-16	1,5	2/7353	0,03
SE41 16-20	16-20	1,5	2/7354	0,04
SE41 20-24	20-24	1,5	2/7355	0,04
SE41 24-28	24-28	1,5	2/7356	0,05
SE41 28-32	28-32	1,5	2/7357	0,06
SE41 32-36	32-36	1,5	2/7358	0,07
SE41 63-40	36-40	1,5	2/7359	0,08
SE41 40-44	40-44	1,5	2/7360	0,11
SE41 44-48	44-48	1,5	2/7361	0,12
SE41 48-52	48-52	1,5	2/7362	0,14
SE41 52-56	52-56	1,5	2/7363	0,16
SE41 56-60	56-60	1,5	2/7364	0,18
SE41 60-64	60-64	1,5	2/7365	0,20
SE41 64-70	64-70	1,5	2/7366	0,22
SE41 70-76	70-76	1,5	2/7367	0,24
SE41 76-82	76-82	1,5	2/7368	0,25
SE41 82-88	82-88	1,5	2/7369	0,26
SE41 88-94	88-94	1,5	2/7370	0,28
SE41 94-100	94-100	1,5	2/7371	0,30



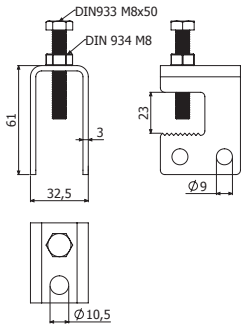
GV2

	GS	
	REF.	kg/ud
GV2	2/15501	0,15

M8 & M10



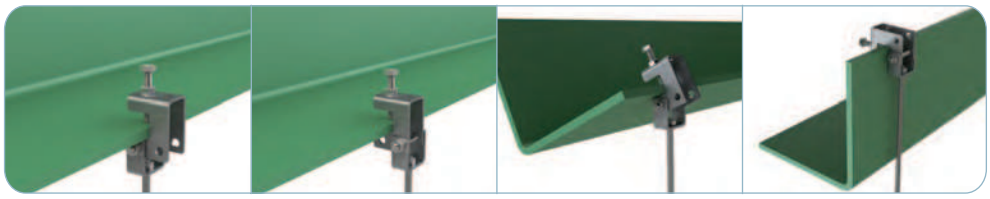
95 Kg



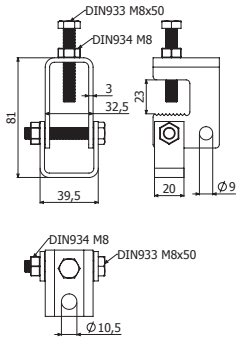
GVV2

	GS	
	REF.	kg/ud
GVV2	2/7073	0,30

M8 & M10



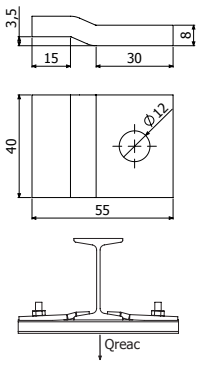
200 Kg 95 Kg 80 Kg 200 Kg



BRP

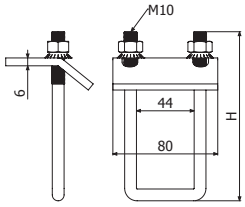
	Emax	Qreac	GC	
	mm	kg	REF.	kg/ud
BRP	5	1000	2/5624	0,17

M10



BCA

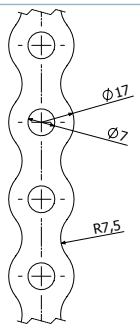
	Emax	Pap	H	GC	
	mm	Nm	mm	REF.	kg/ud
BCA 41X41	20	17,5	90	2/8809	0,39
BCA 41X82	20	17,5	130	2/8810	0,42



CSJ

	AL		GS		i430	
	REF.	kg/m	REF.	kg/ud	REF.	kg/m
CSJ	2/3461	0,04	2/4291	0,11	2/3462	0,10

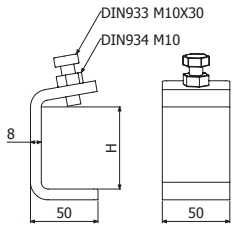
M6



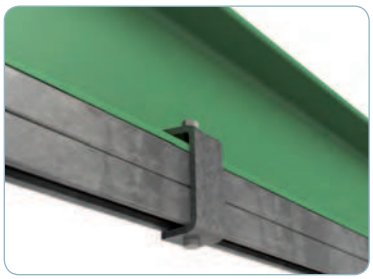
BVL

BVL41

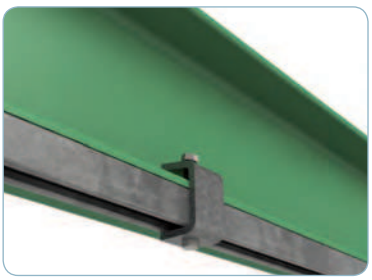
	H	GC	
	mm	REF.	kg/ud
BVL41	60	2/11230	0,50
BVL82	100	2/11231	0,63



BVL82



BVL41 + 41X41



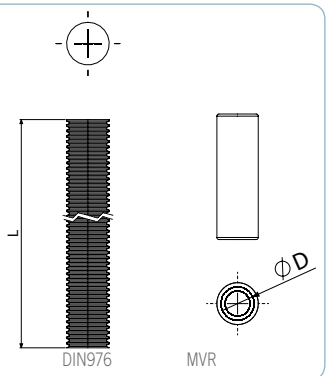
BVL82 + 41X82

DIN976 & MVR

DIN976

MVR

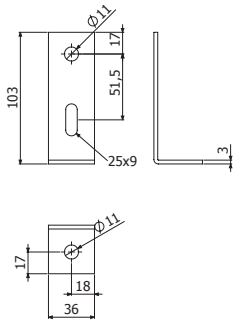
	Qtrac	EZ	
	kg	REF.	kg/ud
DIN976 M6X1000	400	0/0678	0,32
DIN976 M8X1000	800	2/3397	0,35
DIN976 M10X1000	1400	2/5535	0,59
DIN976 M12X1000	2500	2/6502	0,87
MVR M6	-	2/6323	0,03
MVR M8	-	2/4462	0,04



SBL

	GS		GC	
	REF.	kg/ud	REF.	kg/ud
SBL	2/0351	0,11	2/0361	0,12

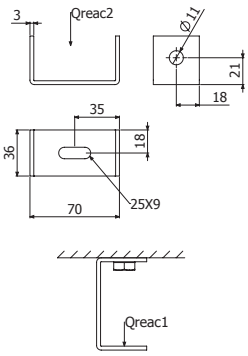
M8 & M10



SBC

	Qreac 1	Qreac 2	GS		GC	
	kg	kg	REF.	kg/ud	REF.	kg/ud
SBC	40	40	2/0352	0,11	2/0362	0,12

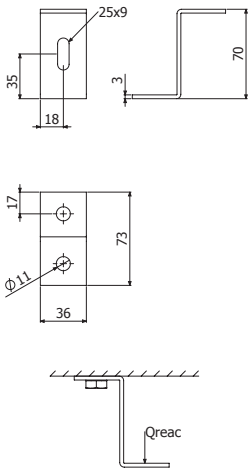
M8 & M10



SBZ

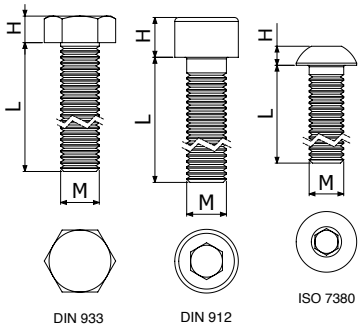
	Qreac	GS		GC	
	kg	REF.	kg/ud	REF.	kg/ud
SBZ	35	2/0354	0,11	2/0364	0,12

M8 & M10



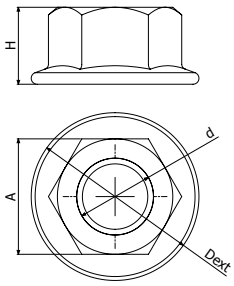
DIN933 / DIN912 / ISO7380

	UVM	UVE	P	M	L	H	EZ		i304	
	ud	ud	Nm	mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN933 M10X30	100	100	35	10	30	6,6	0/0512	0,03	0/0320	0,03
DIN933 M10X20	100	100	35	10	20	6,6	0/0665	0,03	0/0933	0,03
DIN933 M8X55	100	100	15	8	55	5,4	0/0736	0,03	-	-
DIN933 M8X25	100	100	15	8	25	5,4	0/0310	0,03	-	-
DIN933 M8X20	100	100	15	8	20	5,4	-	-	0/0318	0,03
DIN933 M6X25	100	100	8	6	25	4,1	2/5545	0,02	0/0330	0,02
DIN933 M6X20	100	100	8	6	20	4,1	0/0727	0,02	-	-
DIN912 M10X30	100	100	35	10	30	10	-	-	0/0984	0,03
DIN912 M8X70	100	100	15	8	70	8	0/0930	0,05	0/0939	0,05
DIN912 M8X55	100	100	15	8	55	8	0/0940	0,04	0/0941	0,04
ISO7380 M8X30	100	100	15	8	30	4,4	-	-	0/1117	0,03
ISO7380 M6X25	100	100	8	6	25	3,3	0/1064	0,02	-	-



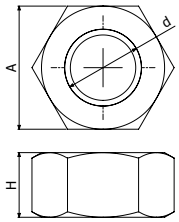
DIN6923

	d	Dext	A	H	EZ		i304	
		mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN6923 M6	M6	14	10	6	0/0337	0,01	0/0342	0,01
DIN6923 M8	M8	18	13	8	0/0338	0,01	0/0348	0,01



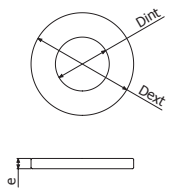
DIN934

	d	A	H	EZ		i304	
		mm	mm	REF.	kg/ud	REF.	kg/ud
DIN934 M6	M6	10	4,8	0/0710	0,01	-	0,01
DIN934 M8	M8	13	6,2	0/0339	0,01	0/0344	0,01
DIN934 M10	M10	17	7,7	0/0340	0,01	0/0343	0,01
DIN934 M12	M12	19	9,7	-	-	0/0347	0,01



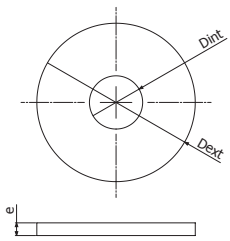
DIN125

	Dint	Dext	e	EZ		i304	
	mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN125 M6	6,4	12	1,6	0/0711	0,01	-	0,01
DIN125 M8	8,4	16	1,6	0/0292	0,01	0/0299	0,01
DIN125 M10	10,5	20	2	0/0649	0,01	0/0294	0,01
DIN125 M12	13	24	2,5	-	-	0/0565	0,01



DIN9021

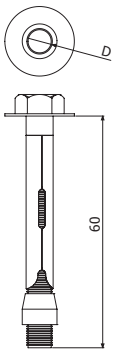
	Dint	Dext	e	EZ		i304	
	mm	mm	mm	REF.	kg/ud	REF.	kg/ud
DIN9021 M6	6,4	18	1,6	2/7023	0,01	2/7022	0,01
DIN9021 M8	8,4	25	2	2/7021	0,01	0/0298	0,01



CCM

	M mm	L mm	Qtrac kg	EZ REF.	EZ kg/ud
CCM M6X60	6	60	180	2/6419	0,03
CCM M8X60	8	60	225	2/6420	0,04

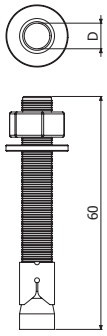
↓ 65mm, Ø 8mm (CCM 6X60) / Ø10mm (CCM 8x60)



SCM

	D mm	L mm	Qtrac kg	EZ REF.	EZ kg/ud
SCM M10X75	10	75	340	2/4672	0,05
SCM M12X80	12	80	780	2/6258	0,08

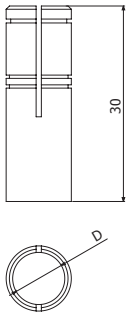
↓ 62mm (SCM 10x75) - ↓ 72mm (SCM 12x80), Ø 10mm (SCM 10X75) / Ø12mm → (SCM 12x80)



CM

	D mm	M	Qtrac kg	EZ REF.	EZ kg/ud
CM M6X30	8	6	280	2/6468	0,01
CM M8X30	10	8	370	2/6469	0,01

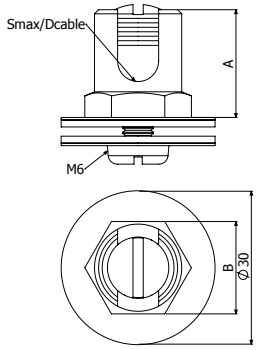
↓ 32mm - Ø 8mm (CM 6x30) / ↓ 33mm - Ø 10mm (CM8x30)



TT / TTL

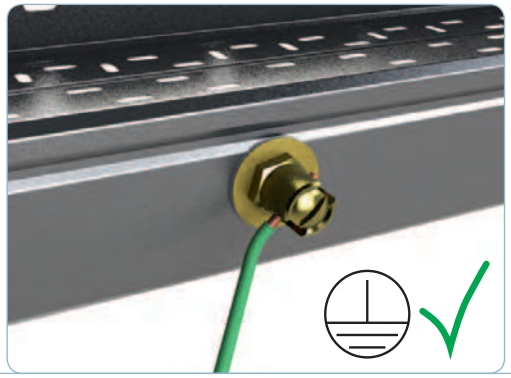
TT

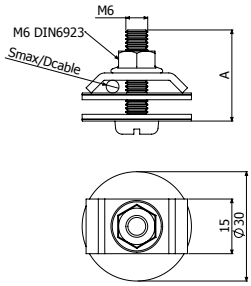
	Smin	Smax	Dcable	A	B	LTN	
	mm²	mm²	mm	mm	mm	REF.	kg/ud
TT 10-35	-	35	4 a 8	22	18	2/6796	0,04
TT 35-95	-	95	8 a 13	30	24	2/6797	0,07
TTL 10-35	10	35	4 a 8	25	-	2/8189	0,03



TT

TTL

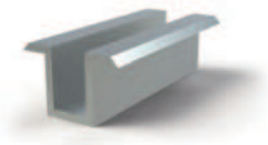




TTL

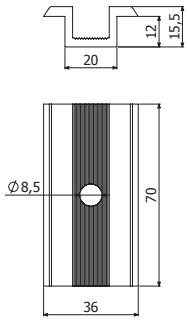
FPS

	AL	
	REF.	kg/ud
FPSC	2/6794	0,06
FPSL	2/6795	0,03

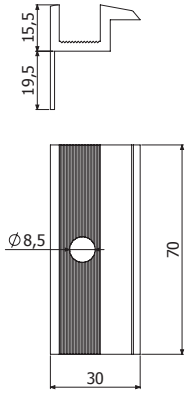


FPSC

FPSL

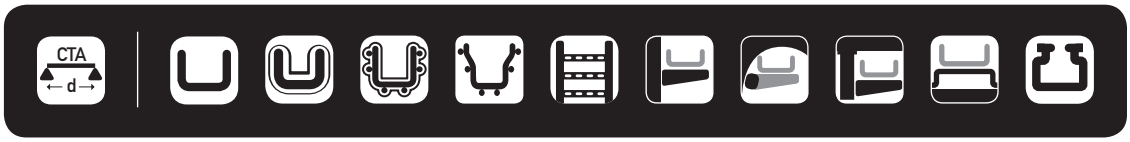


FPSC

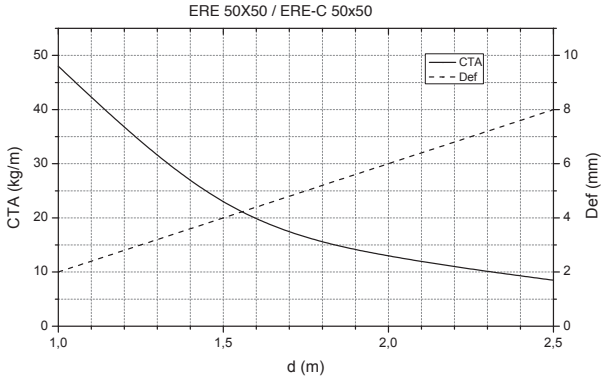


FPSL

basor
ELECTRIC

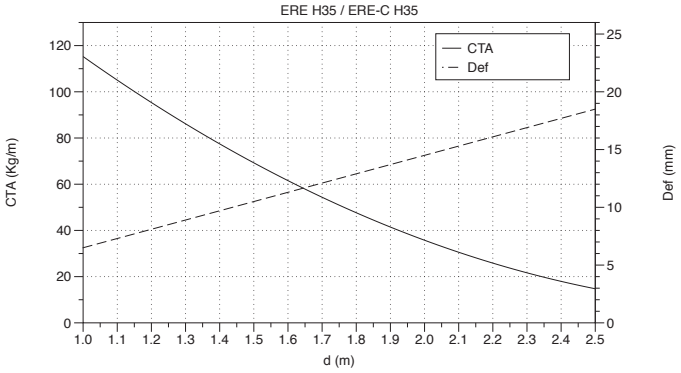


ERE 50X50 / ERE-C 50x50 (UNE-EN 61537)

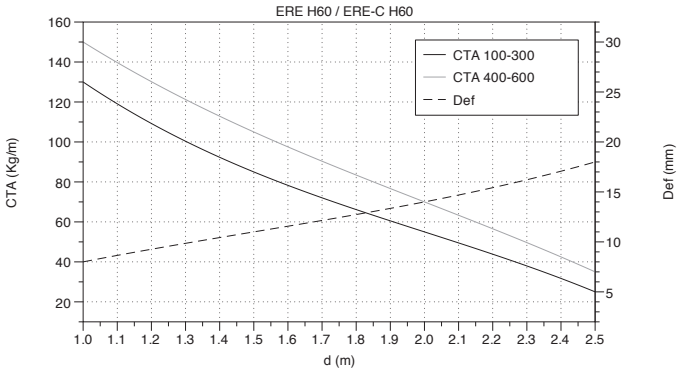


ERE / ERE-C (UNE-EN 61537)

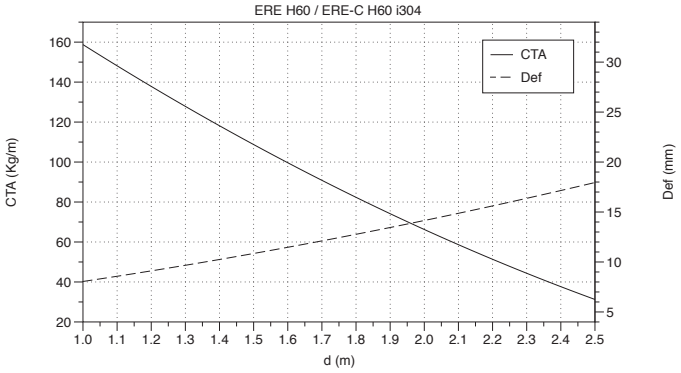
ERE H35 / ERE-C H35



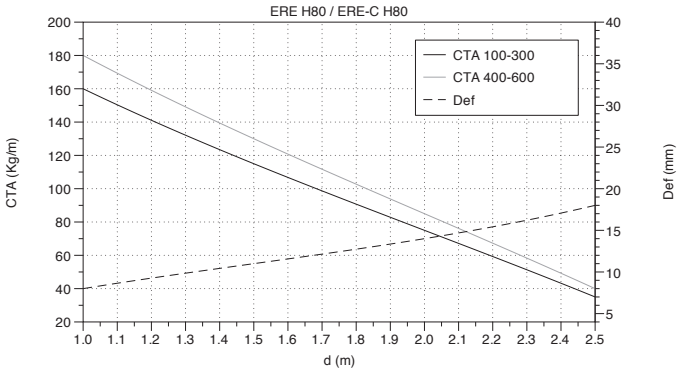
ERE H60 / ERE-C H60



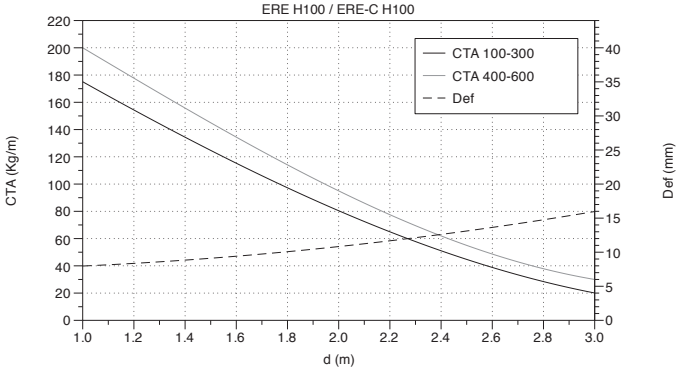
ERE H60 / ERE-C H60 i304



ERE H80 / ERE-C H80



ERE H100 / ERE-C H100

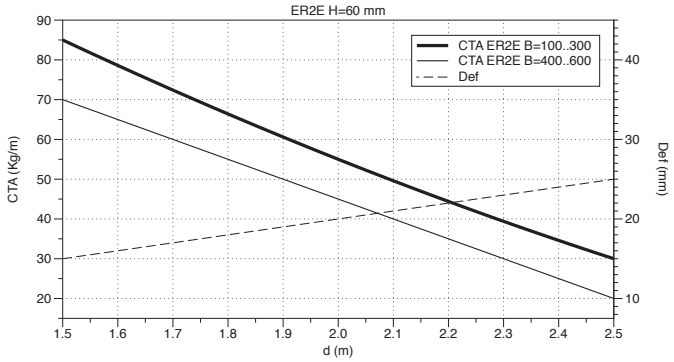


ERE / ERE-C (NEMA VE1)

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

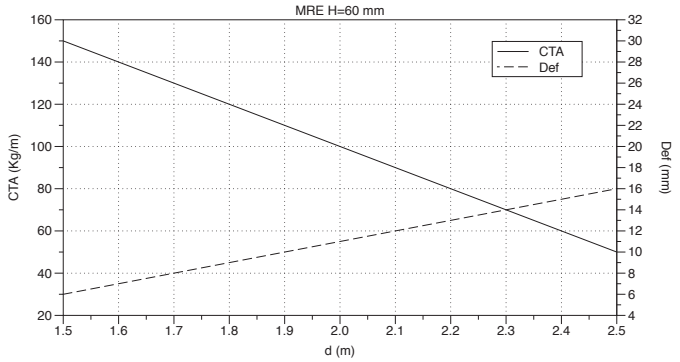
ERE NEMA - i304/i316	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
ERE 100-300x35	23,1 (15,5)	9,0 (6,1)	-	-
ERE 100-600x60	73,1 (49,1)	28,5 (19,2)	5AA	-
ERE 100-600x85	130,8 (87,9)	51,1 (34,3)	5B	8AA
ERE 100-600x100	138,4 (93,0)	54,1 (36,3)	5B	8AA

ER2E (UNE-EN 61537)

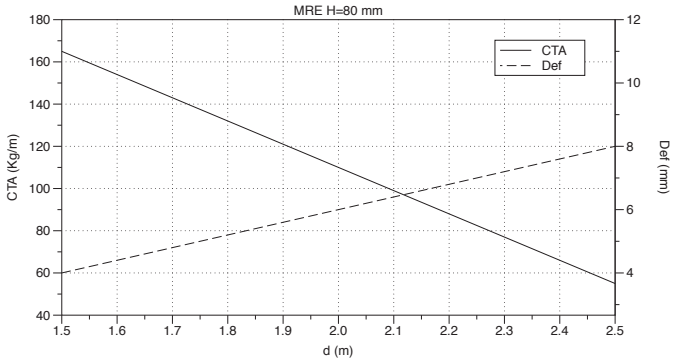


MRE (UNE-EN 61537)

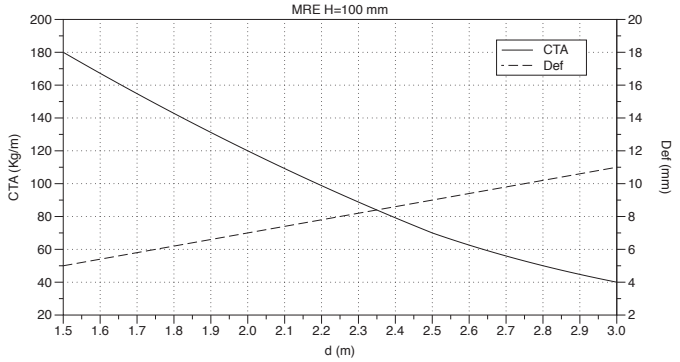
MRE H60



MRE H80



MRE H100



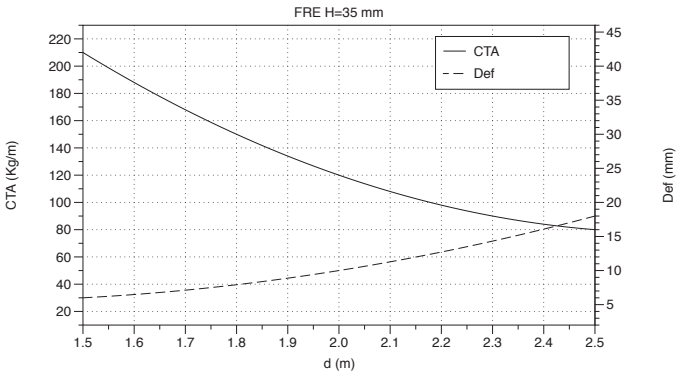
MRE (NEMA VE1)

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

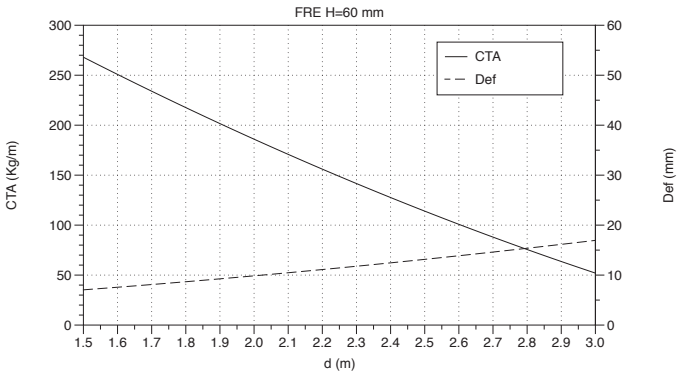
MRE NEMA - i304/i316	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
MRE H60	138,4 (93)	54,1 (36,4)	5B	8AA
MRE H80	265,3 (178,3)	103,6 (69,62)	5C	8A
MRE H100	349,9 (235,1)	136,7 (91,9)	5C	8B

FRE (UNE-EN 61537)

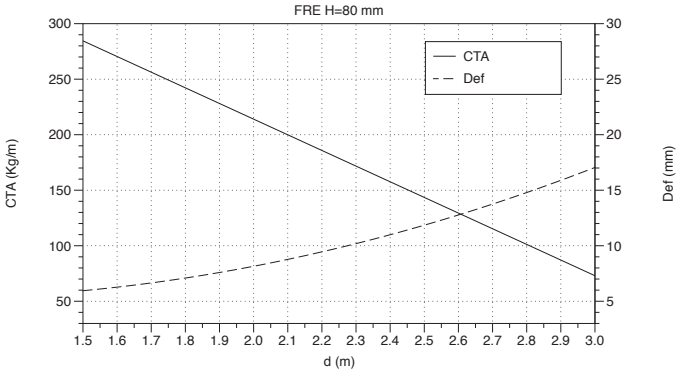
FRE H35



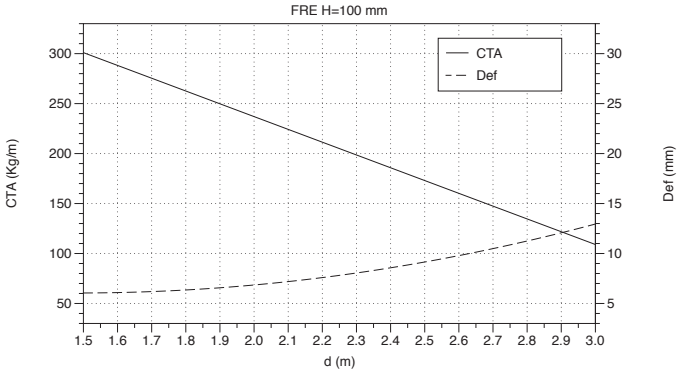
FRE H60



FRE H80



FRE H100

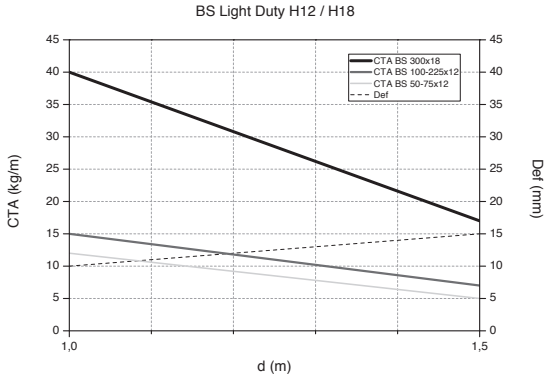


FRE (NEMA VE1)

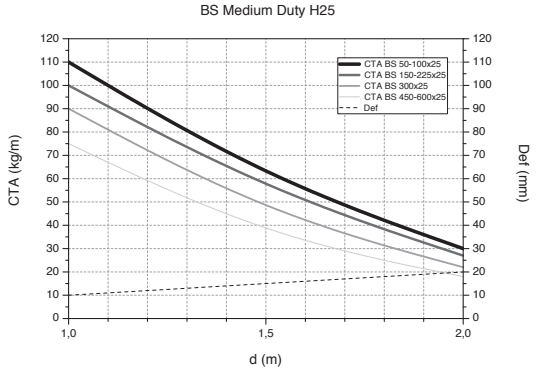
FRE NEMA - GS/GC	CTA kg/m (lb)ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
FRE H35	111,5 (74,9)	43,6 (29,3)	5A	8AA
FRE H60	515,3 (346,3)	201,3 (135,3)	5C	8C
FRE H80	-	467,2 (313,9)	-	8C+
FRE H100	-	467,2 (313,9)	-	8C+

BS (UNE-EN 61537)

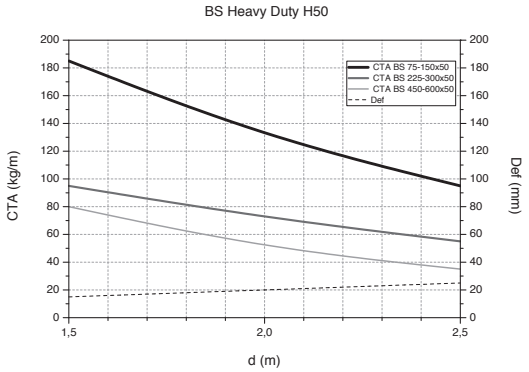
BS Light Duty H12 / H18



BS Medium Duty H25

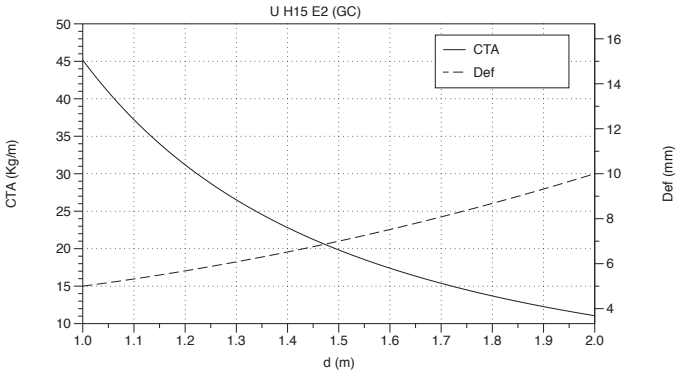


BS Heavy Duty H50

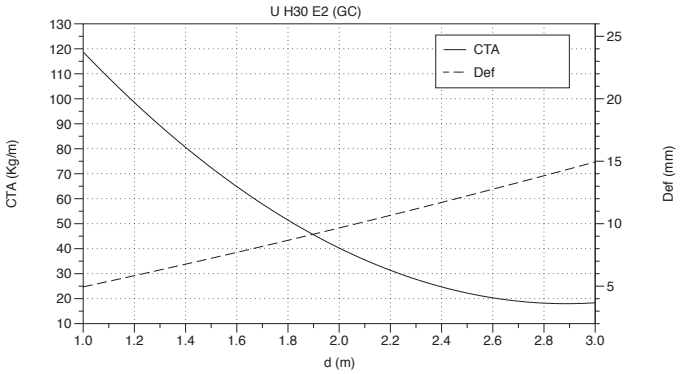


U (UNE-EN 61537)

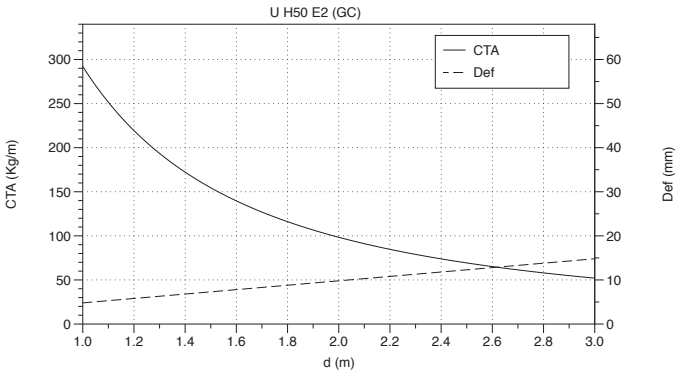
U H15 E2 (GC)



U H30 E2 (GC)

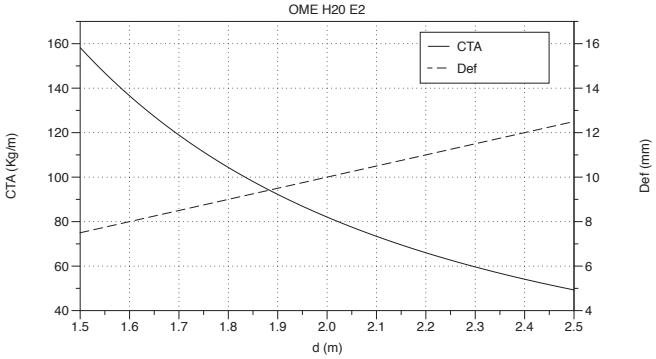


U H50 E2 (GC)

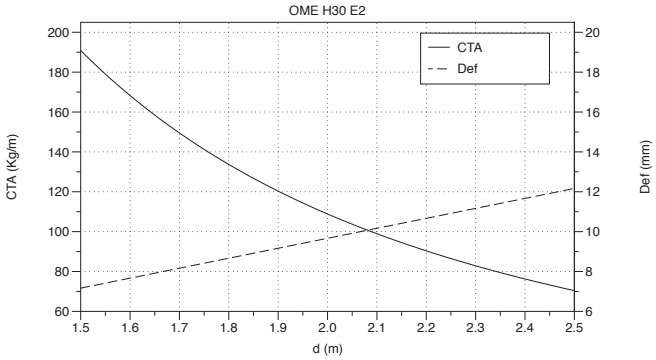


OME (UNE-EN 61537)

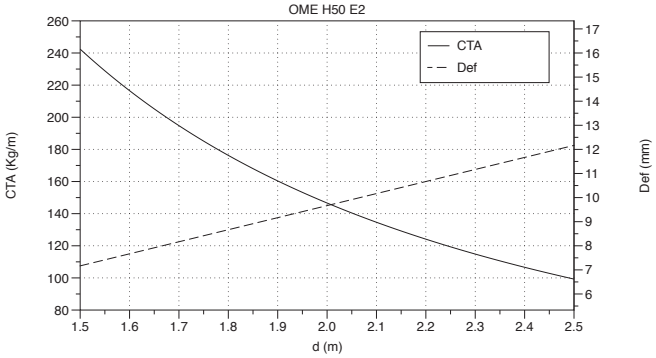
OME H20 E2



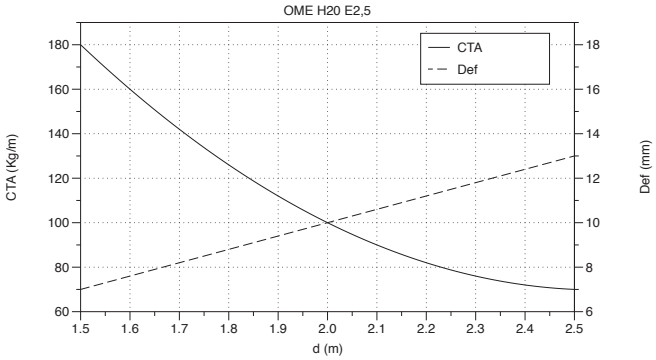
OME H30 E2



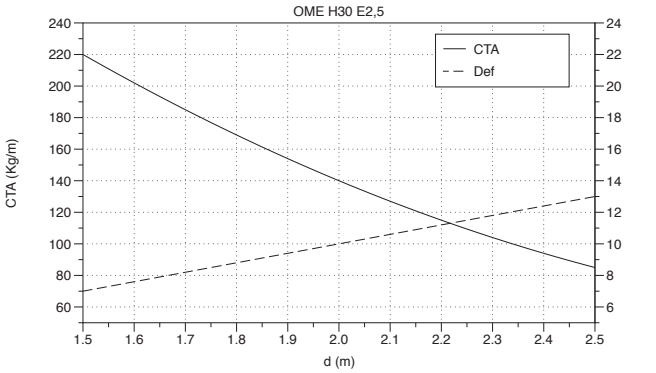
OME H50 E2



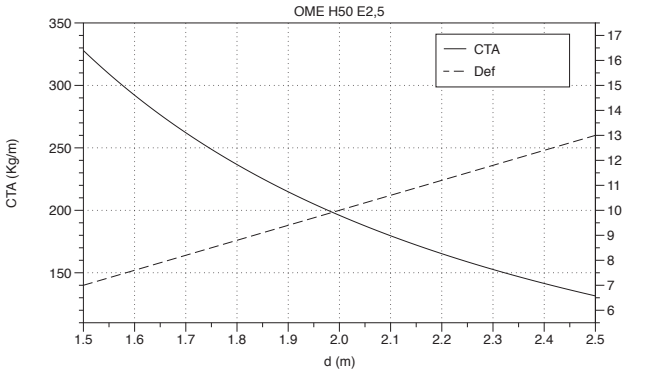
OME H20 E2,5



OME H30 E2,5

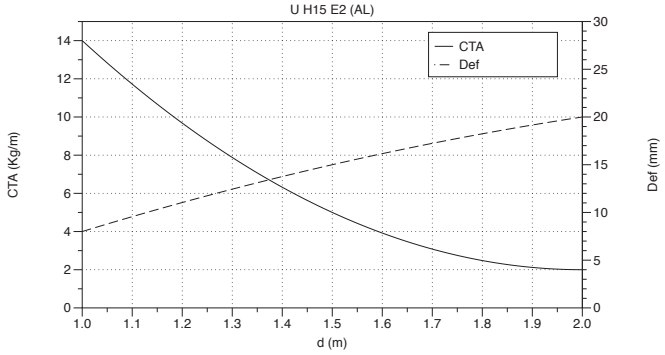


OME H50 E2,5

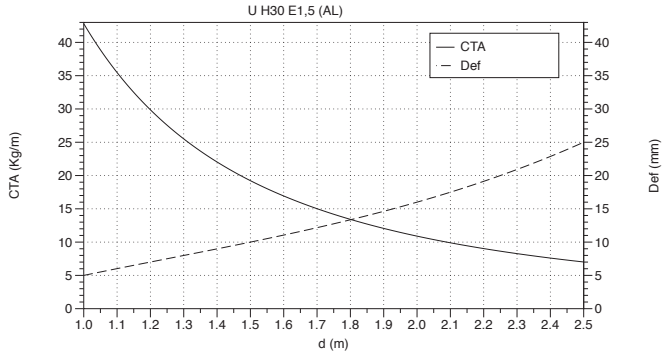


U - AL (UNE-EN 61537)

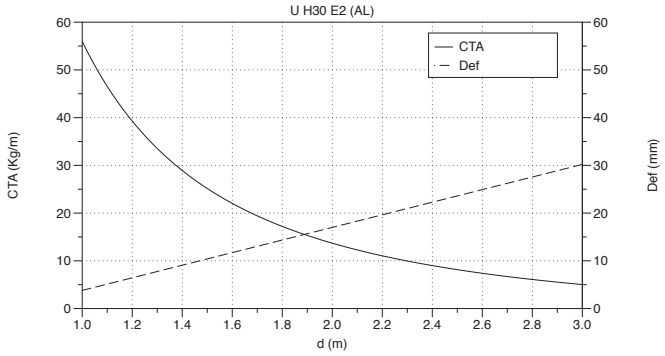
U H15 E2 (AL)



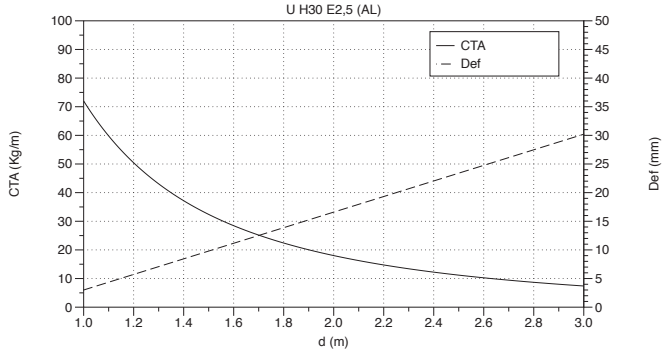
U H30 E1,5 (AL)



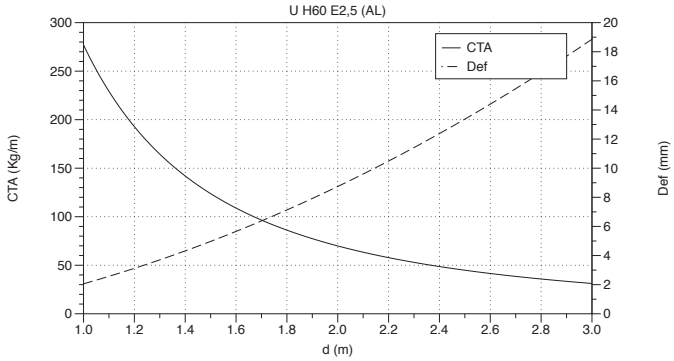
U H30 E2 (AL)



U H30 E2,5 (AL)

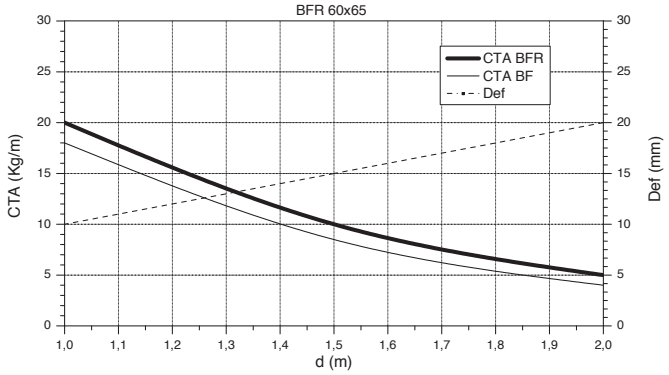


U H60 E2,5 (AL)

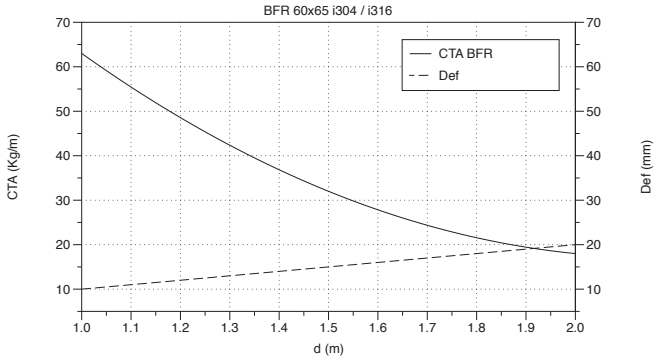


BFR (UNE-EN 61537)

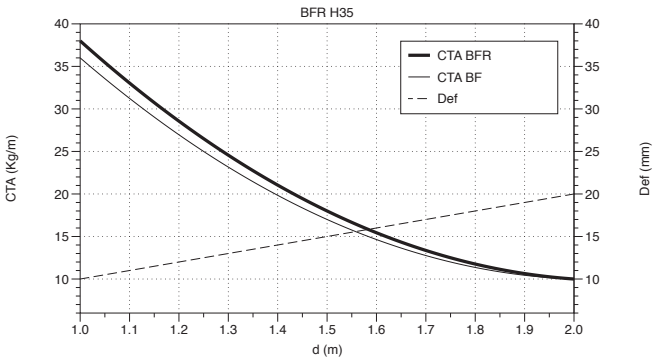
BFR 60x65



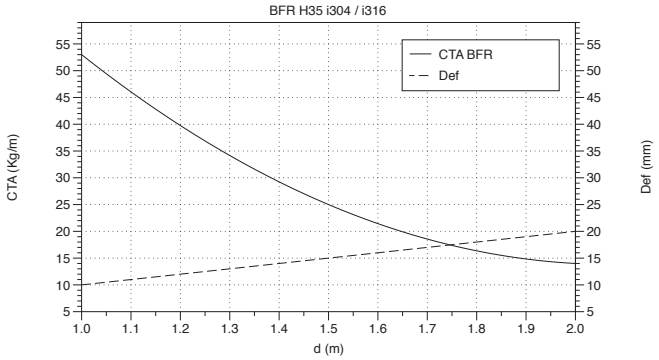
BFR 60x65 i304 / i316



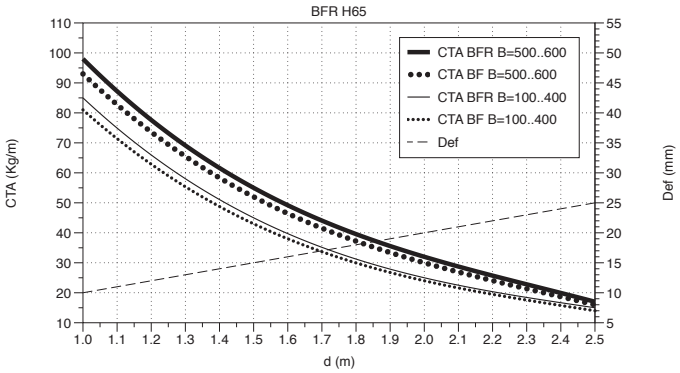
BFR H35



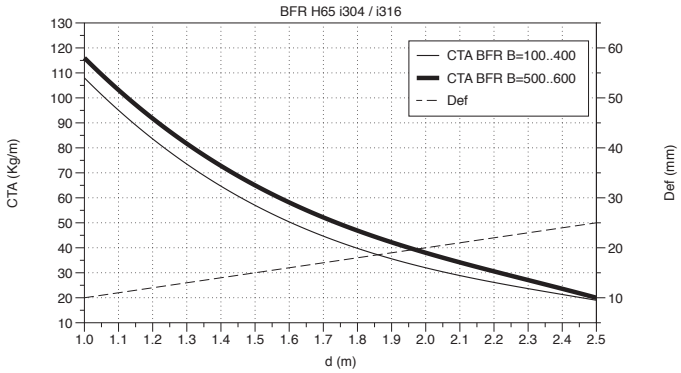
BFR H35 i304 / i316



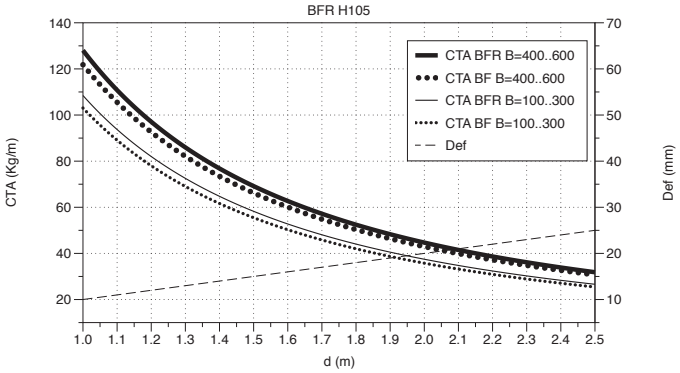
BFR H65



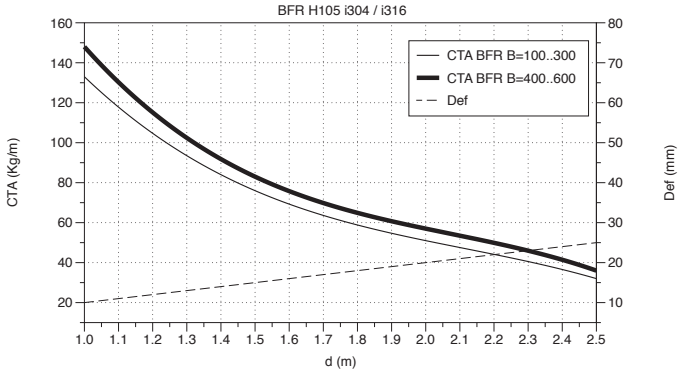
BFR H65 i304 / i316



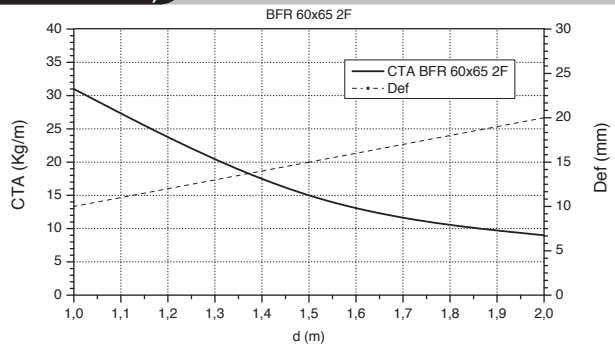
BFR H105



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

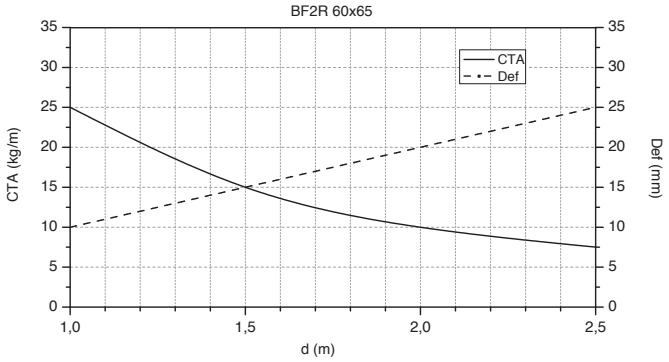
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BFR 4”x1”1/2 (100x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 6”x1”1/2 (150x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 8”x1”1/2 (200x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 12”x1”1/2 (300x35)	28,4 (19,1)	11,1 (7,5)	-	-
BFR 2”x2” (60x65)	12,5 (8,4)	4,9 (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

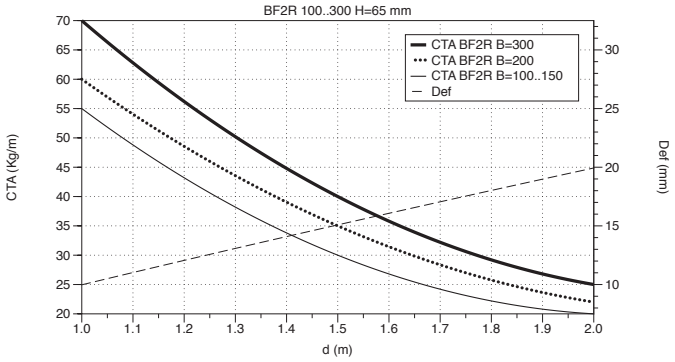
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BFR 4”x1”1/2 (100x35)	18,9 (12,7)	7,4 (5)	-	-
BFR 6”x1”1/2 (150x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 8”x1”1/2 (200x35)	22,3 (15)	8,7 (5,8)	-	-
BFR 2”x2” (60x65)	12,8 (8,6)	5 (3,4)	-	-
BFR 4”x2” (100x65)	28,7 (19,3)	11,2 (7,5)	-	-
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)

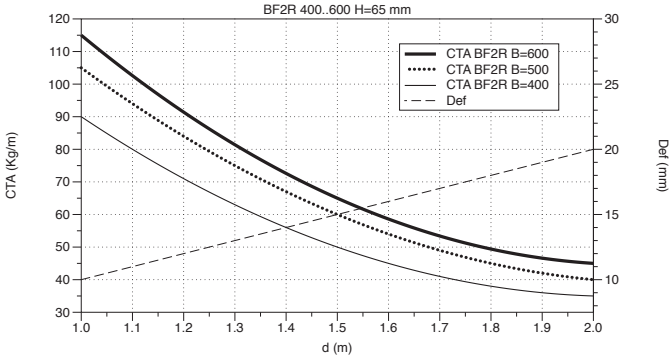
BF2R 60x65



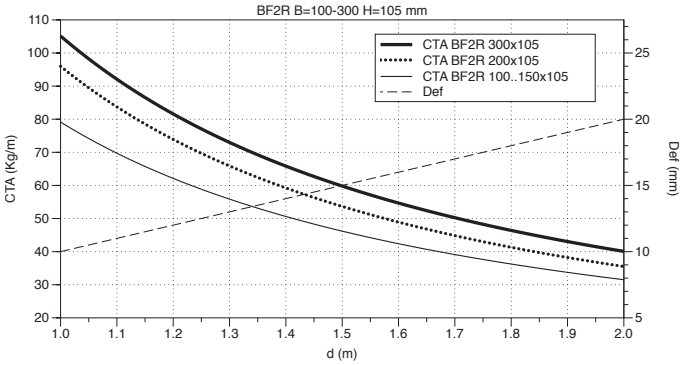
BF2R 100..300 H65



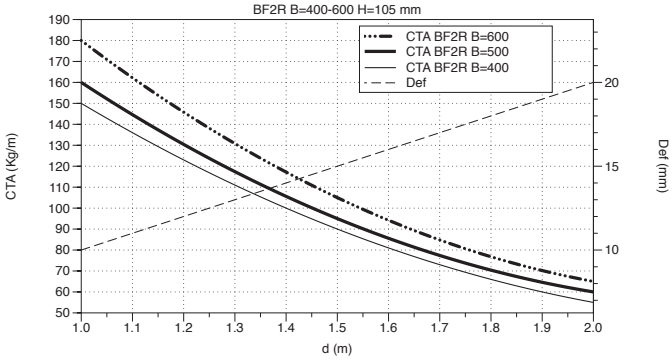
BF2R 400..600 H65



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

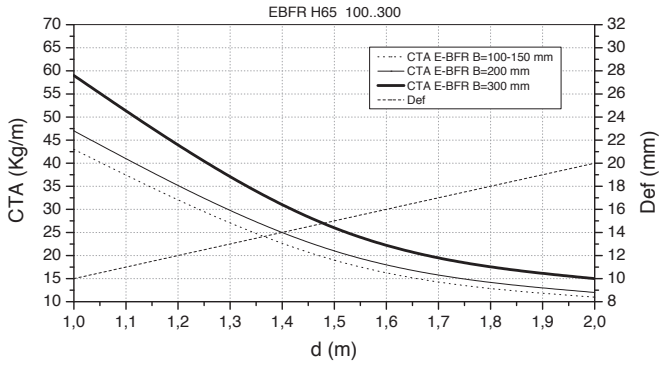
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BF2R 2”x2” (60x65)	12,5 (8,4)	4,9 (3,3)	-	-
BF2R 4”x2” (100x65)	28,4 (19,1)	11,1 (7,5)	-	-
BF2R 6”x2” (150x65)	31,7 (21,3)	12,4 (8,3)	-	-
BF2R 8”x2” (200x65)	47,6 (32)	18,6 (12,5)	5AA	-
BF2R 12”x2” (300x65)	57,1 (38,4)	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

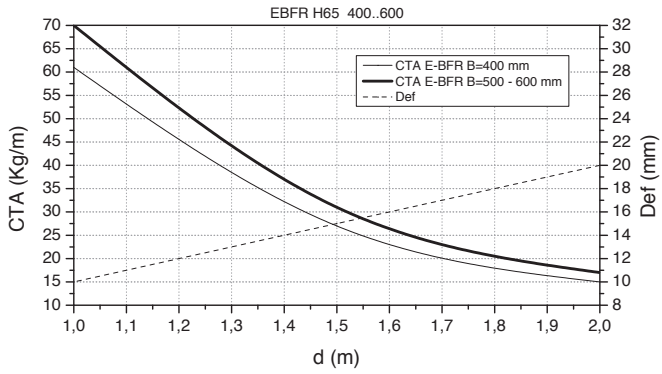
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
BF2R 2”x2” (60x65)	12,8 (8,6)	5 (3,4)	-	-
BF2R 4”x2” (100x65)	28,7 (19,3)	11,2 (7,5)	-	-
BF2R 6”x2” (150x65)	25,3 (17)	9,9 (6,7)	-	-
BF2R 8”x2” (200x65)	44,5 (29,9)	17,4 (11,7)	5AA	-
BF2R 12”x2” (300x65)	54, (36,3)	21,1 (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 H65 100..300

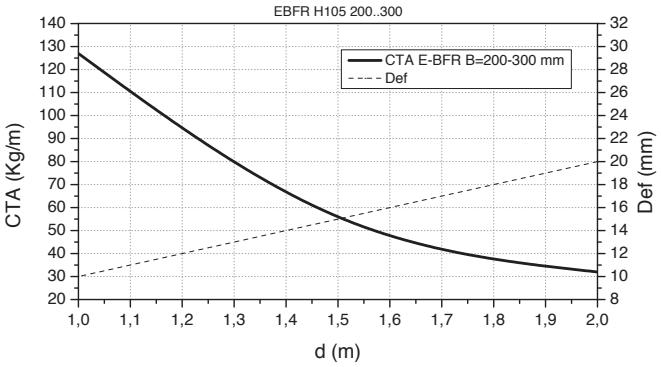


EBFR H65 400..600

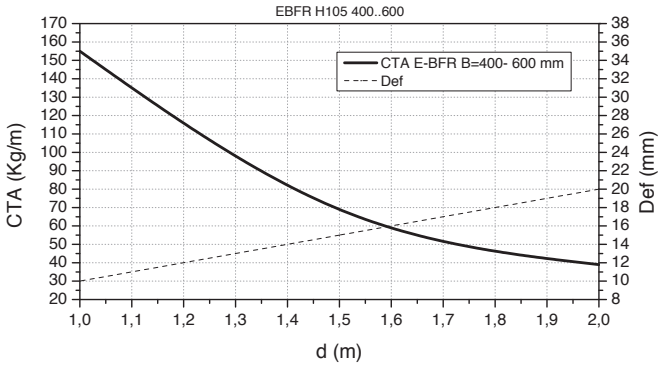


EBFR (UNE-EN 61537)

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 100x65	25,3	17,6	5AA	-
EBFR 150x65	25,3	17,6	5AA	-
EBFR 200x65	31,7	22	5AA	6AA
EBFR 300x65	50,7	35,2	5BB	6AA
EBFR 400x65	54	37,5	5BB	6BB
EBFR 500x65	63,5	44,1	5BB	6BB
EBFR 600x65	63,5	44,1	5BB	6BB
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 100x65	25,3	17,6	5AA	-
EBFR 150x65	22,3	15,5	5AA	-
EBFR 200x65	35,1	24,4	5AA	6AA
EBFR 300x65	50,7	35,2	5BB	6AA
EBFR 400x65	47,6	33,1	5BB	6AA
EBFR 500x65	47,6	33,1	5BB	6AA
EBFR 600x65	47,6	33,1	5BB	6AA
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

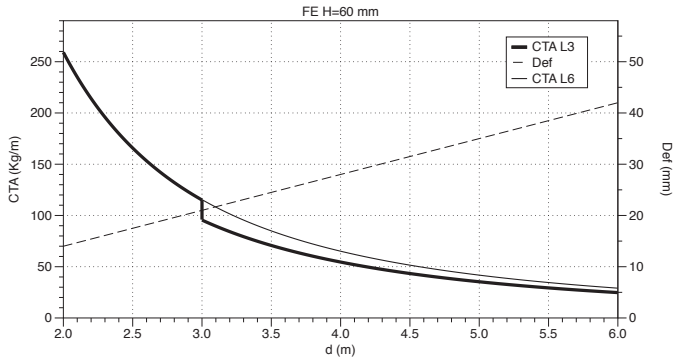
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
EBFR 4"x2" (100x65)	25,3 (17,0)	9,9 (6,7)	-	-
EBFR 6"x2" (150x65)	25,3 (17,0)	9,9 (6,7)	-	-
EBFR 8"x2" (200x65)	31,7 (21,3)	12,4 (8,3)	-	-
EBFR 12"x2" (300x65)	50,7 (34,1)	19,8 (13,3)	5AA	-
EBFR 16"x2" (400x65)	54, (36,3)	21,1 (14,2)	5AA	-
EBFR 20"x2" (500x65)	63,5 (42,7)	24,8 (16,7)	5AA	-
EBFR 24"x2" (600x65)	63,5 (42,7)	24,8 (16,7)	5AA	-
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

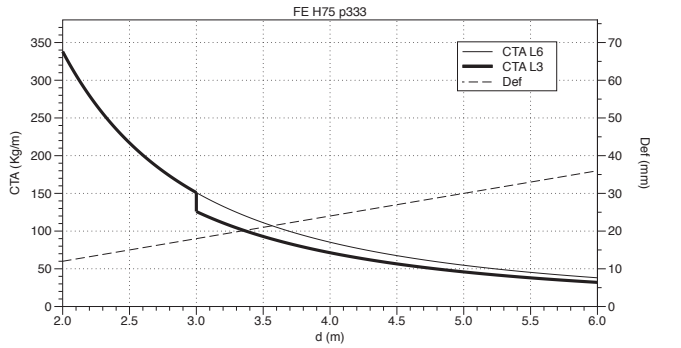
	CTA kg/m (lb/ft)		Clasification	
	5 ft	8 ft	5 ft	8 ft
	1,52 m	2,44 m	1,52 m	2,44 m
EBFR 4"x2" (100x65)	25,3 (17,0)	9,9 (6,7)	-	-
EBFR 6"x2" (150x65)	22,3 (15,0)	8,7 (5,8)	-	-
EBFR 8"x2" (200x65)	35,1 (23,6)	13,7 (9,2)	-	-
EBFR 12"x2" (300x65)	50,7 (34,1)	19,8 (13,3)	5AA	-
EBFR 16"x2" (400x65)	47,6 (32,0)	18,6 (12,5)	5AA	-
EBFR 20"x2" (500x65)	47,6 (32,0)	18,6 (12,5)	5AA	-
EBFR 24"x2" (600x65)	47,6 (32,0)	18,6 (12,5)	5AA	-
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)

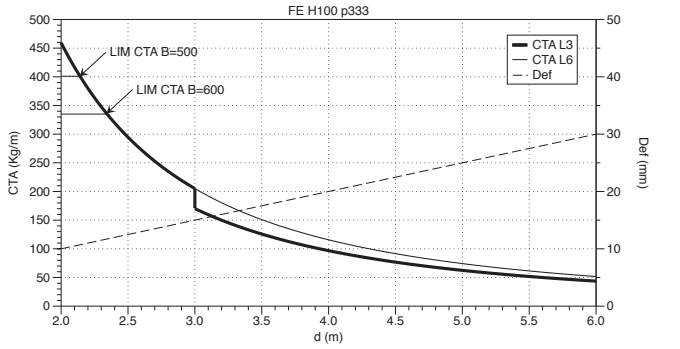
FE H60



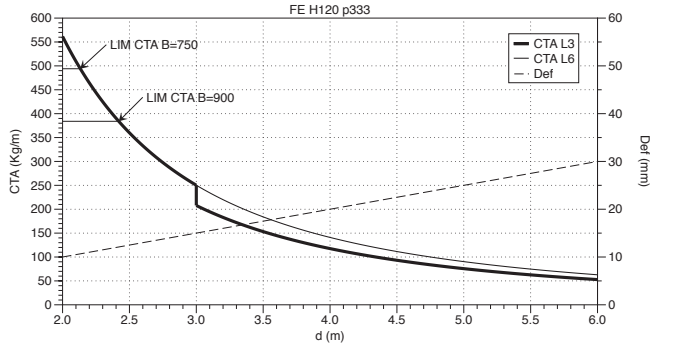
FE H75 p333



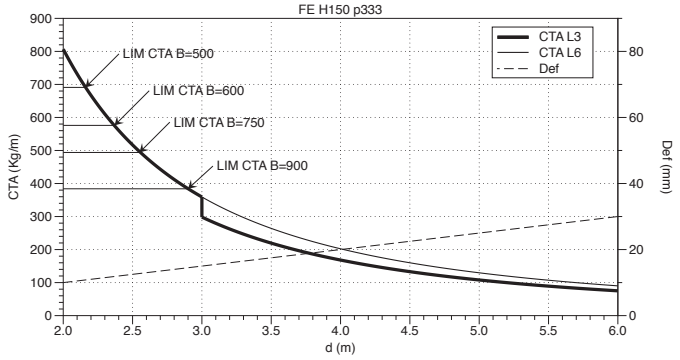
FE H100 p333



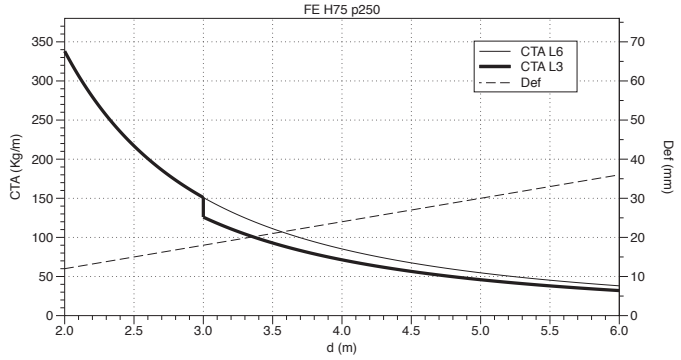
FE H120 p333



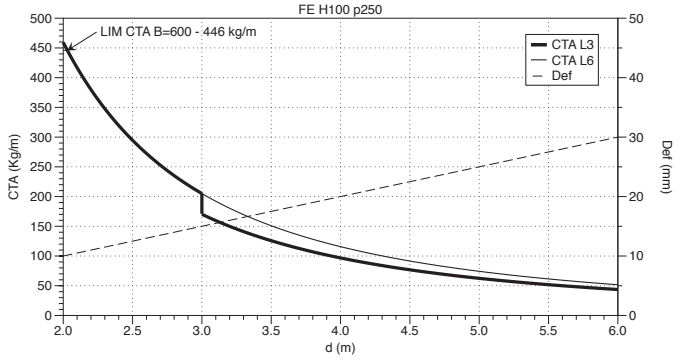
FE H150 p333



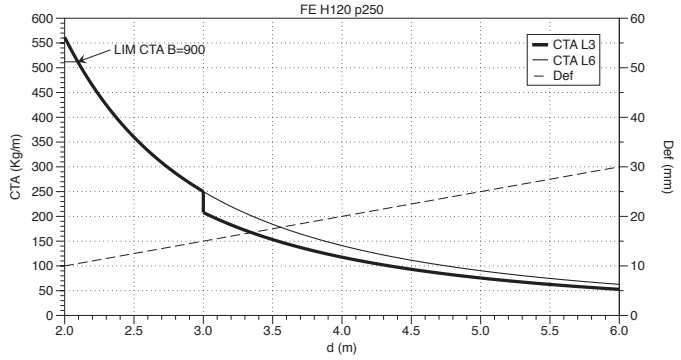
FE H75 p250



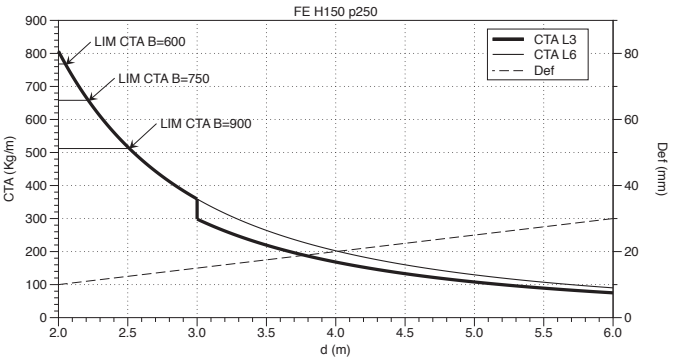
FE H100 p250



FE H120 p250



FE H150 p250



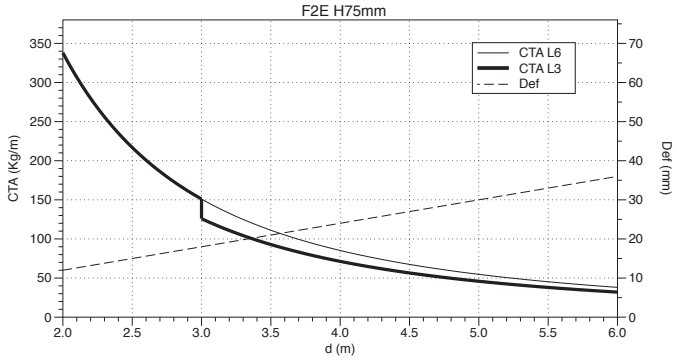
FE (NEMA VE1)

FE (NEMA VE 1)

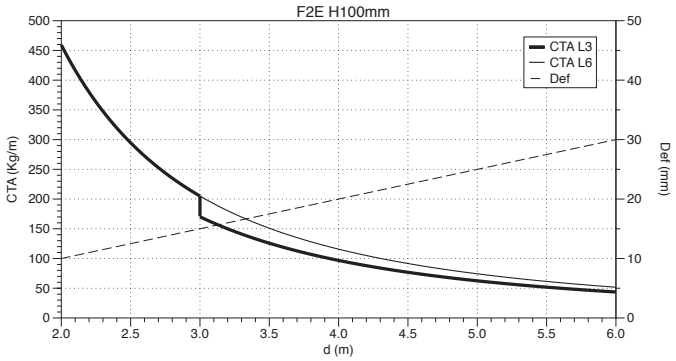
Side Rail (Hxe)	Class
60x1,5	8C-12A
75x1,5	8C-12A
75x2	8C-12B
100x1,5	12C-16A
100x2	12C-16A
120x1,5	12C-16A
120x2	12C-16B-20A
150x1,5	12C-16A
150x2	12C-16B-20A

F2E (UNE-EN 61537)

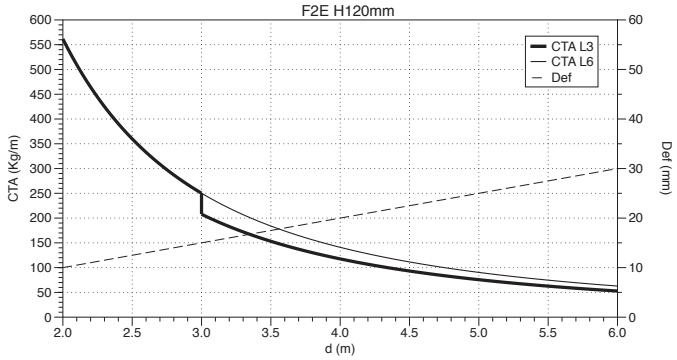
F2E H75



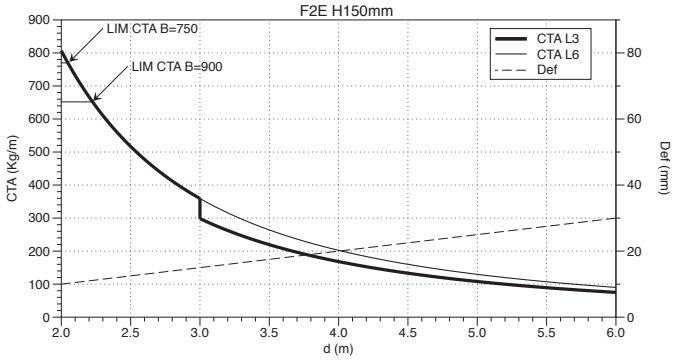
F2E H100



F2E H120

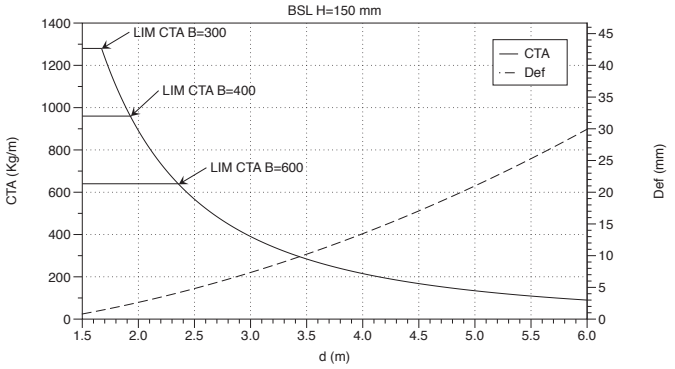


F2E H150



BSL (UNE-EN 61537)

BSL H150



BSL/BSLR (NEMA VE1)

BSL (NEMA VE 1)

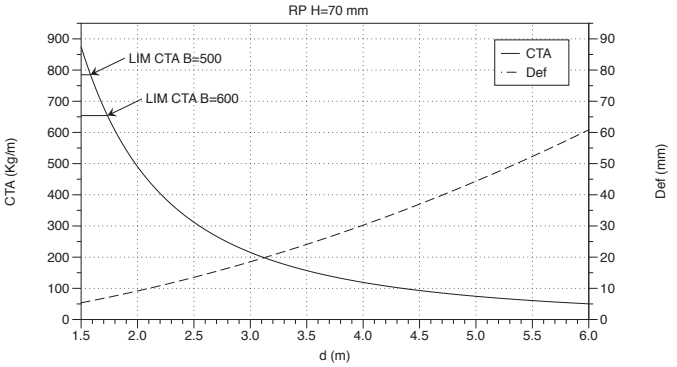
Side Rail (Hxe)	Class
100x1,5	12B - 16A
125x1,5	12C - 16B
150x2	16C - 20B

BSLR (NEMA VE 1)

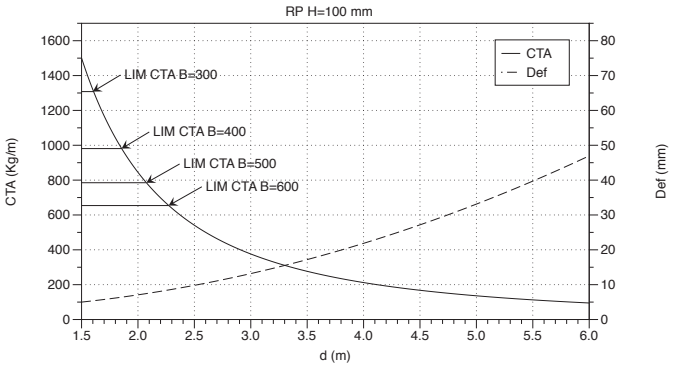
Side Rail (Hxe)	Class
125x2	20B
150x2	20C

RP (UNE-EN 61537)

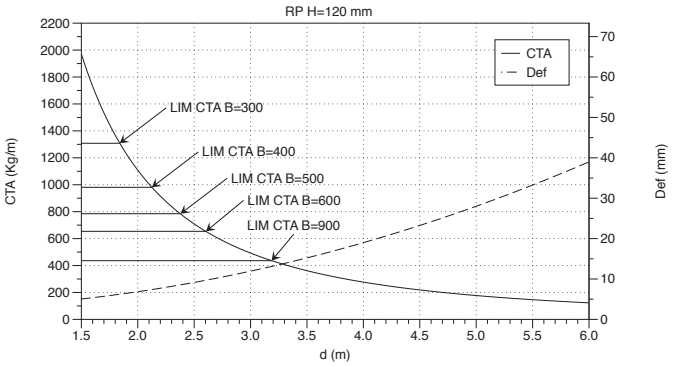
RP H70



RP H100



RP H120



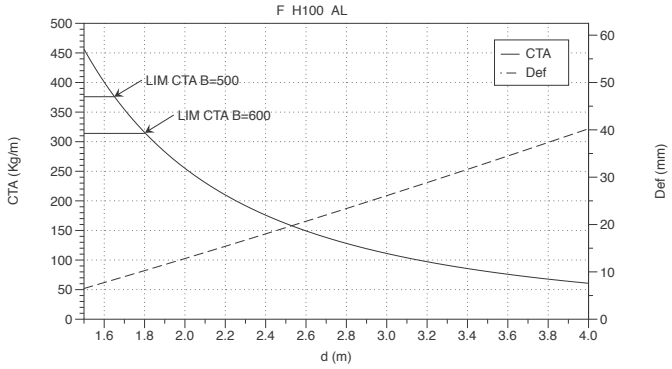
RP (NEMA VE1)

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



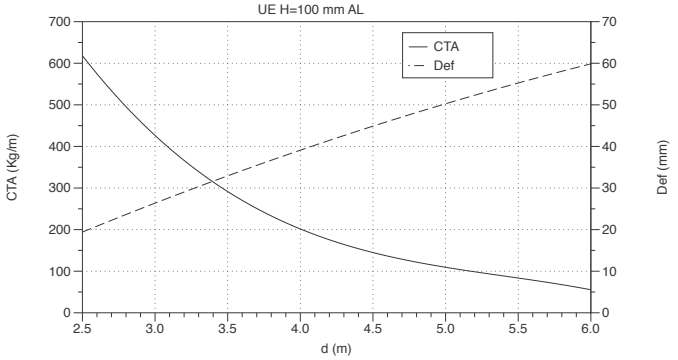
F AL (NEMA VE1)

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

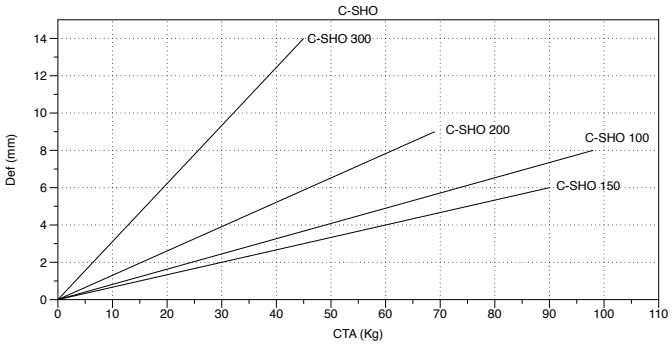
I (NEMA VE1)

I

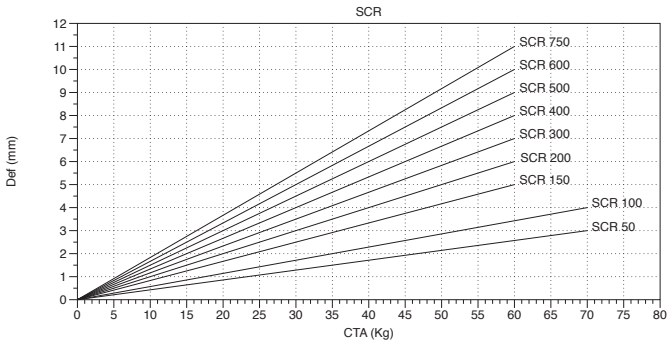
Side Rail	Class
IL4"	16A - 12C
IS4"	20A - 16B
IR4"	20B - 16C
IL5"	16A - 12C
IS5"	20A - 16B
IR5"	20B - 16C
IL6"	20A - 16B
IS6"	20B - 16C
IR6"	20C

SUPPORTS (UNE-EN 61537)

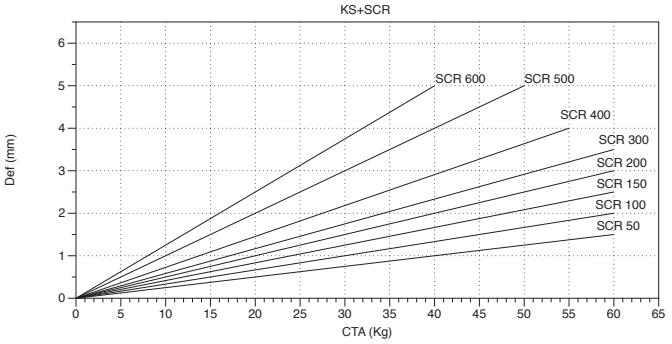
C-SHO



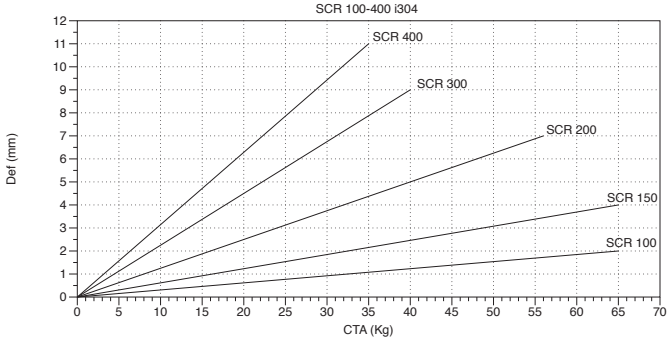
SCR



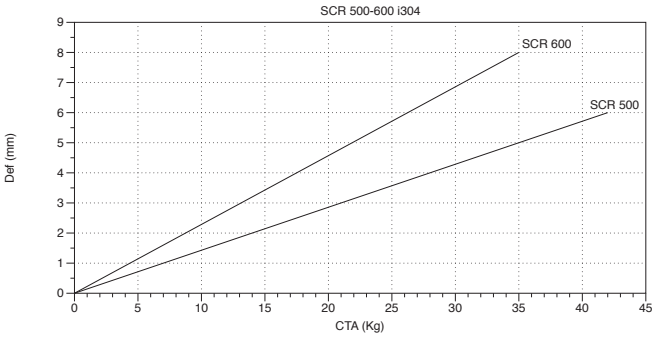
KS + SCR



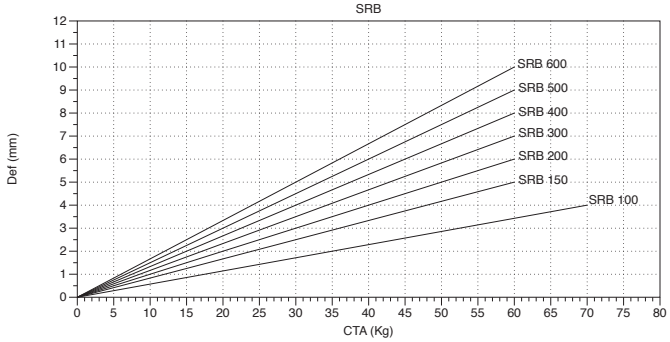
SCR i304/i316 100-400



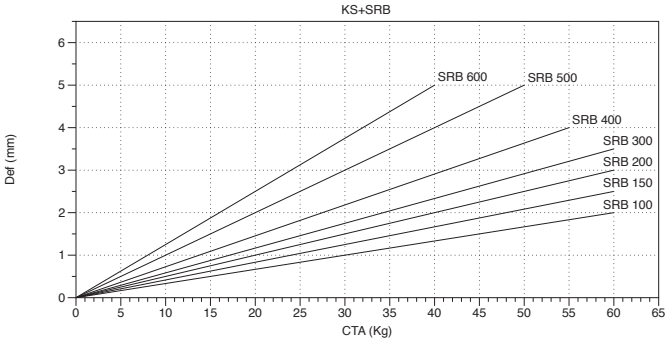
SCR i304/i316 500-600



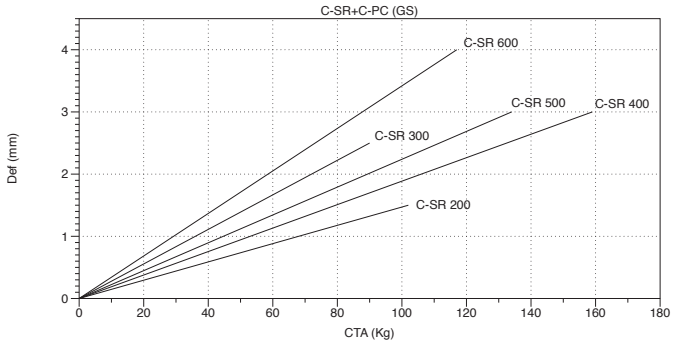
SRB



KS + SRB

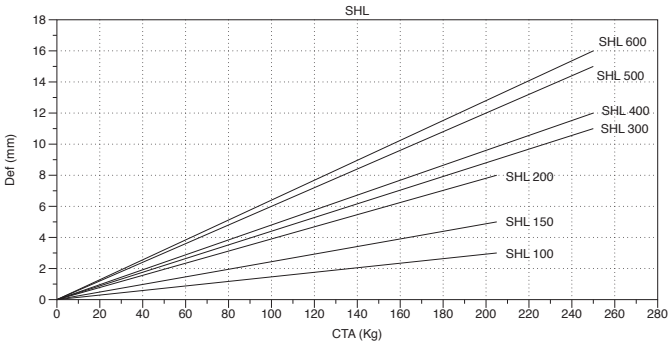


C-SR+C-PC (GS)

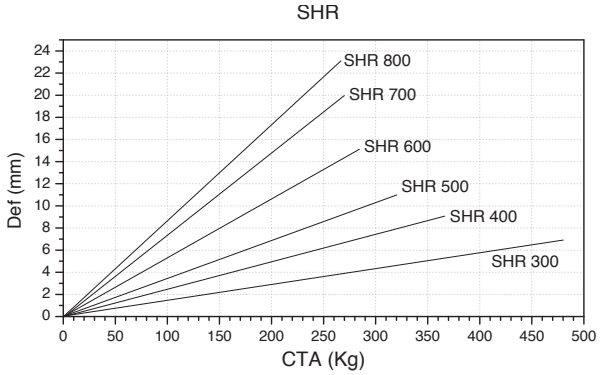


SUPPORTS (UNE-EN 61537)

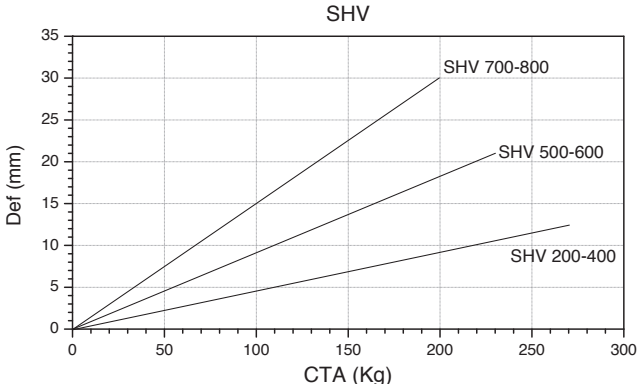
SHL



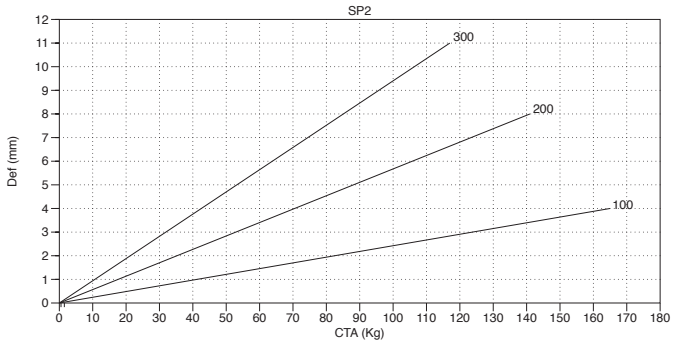
SHR



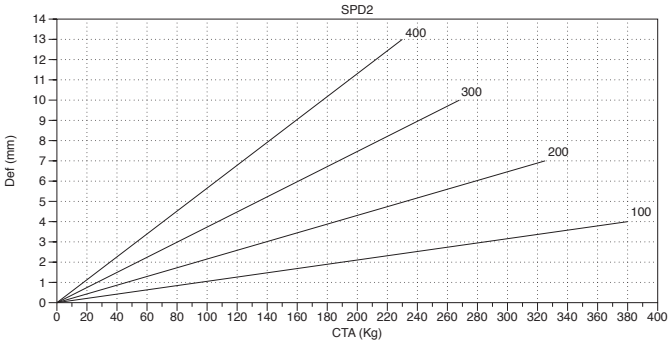
SHV



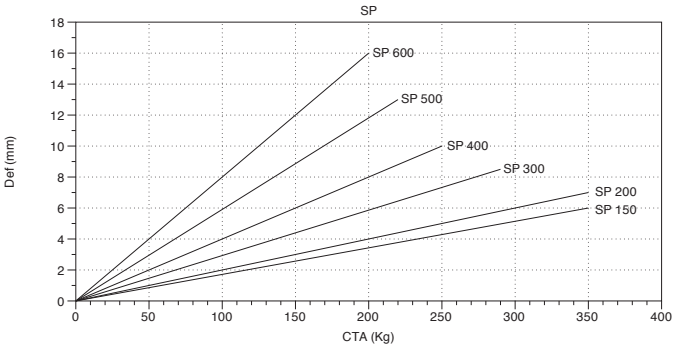
SP2



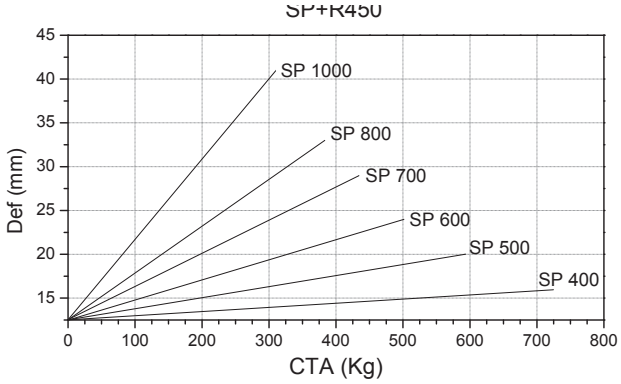
SPD2



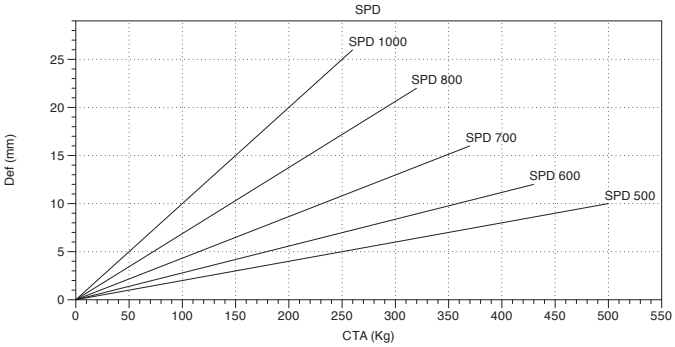
SP



SP+R450

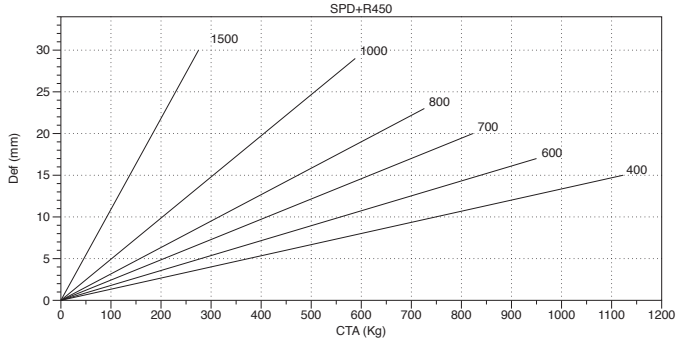


SPD



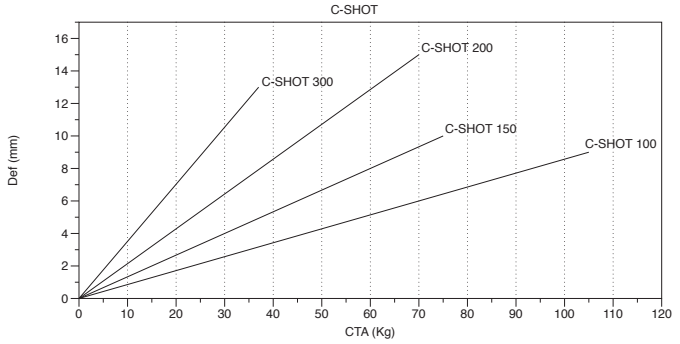
SUPPORTS (UNE-EN 61537)

SPD+R450

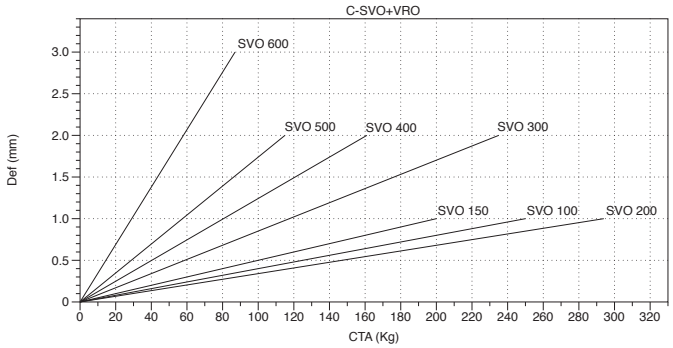


SUPPORTS (UNE-EN 61537)

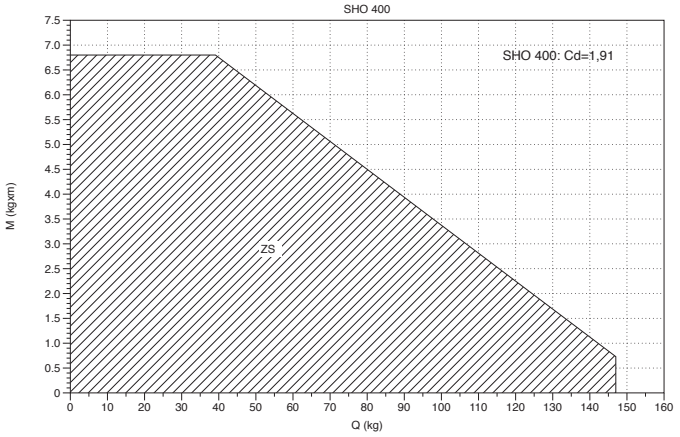
C-SHOT



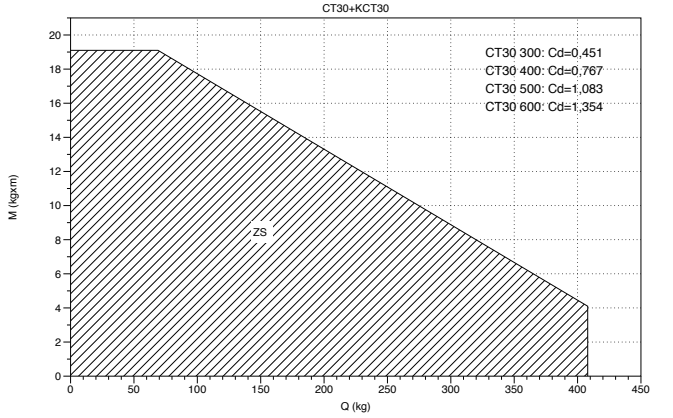
C-SVO+VRO



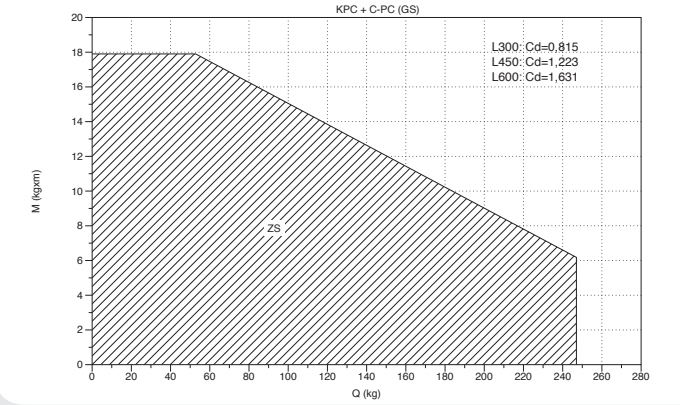
SHO 400



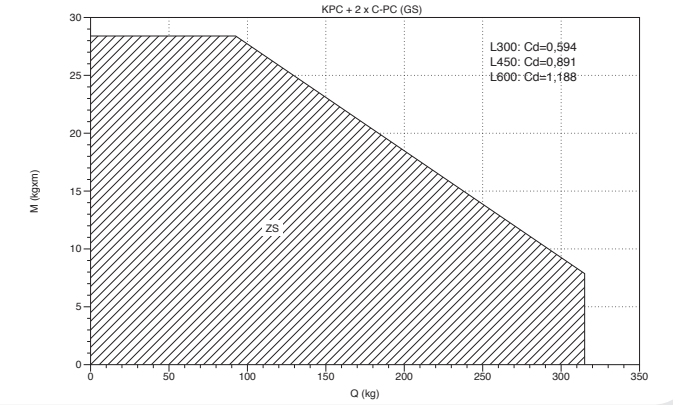
CT30+KCT30



KPC + C-PC (GS)

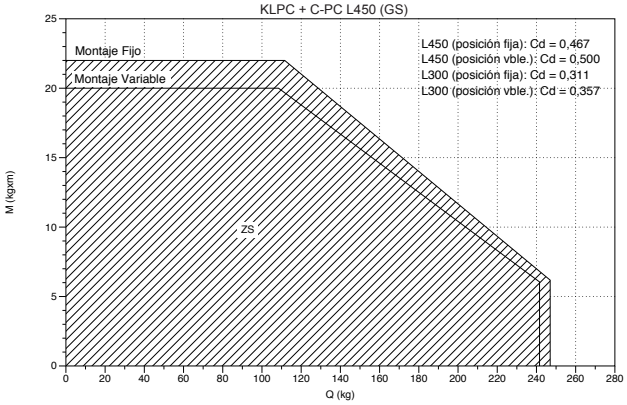


KPC + 2 x C-PC (GS)

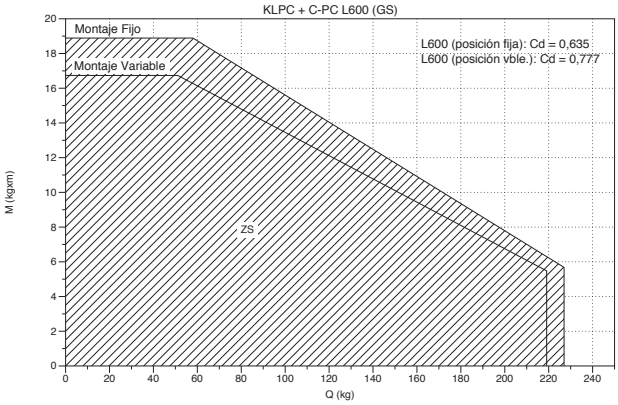


SUPPORTS (UNE-EN 61537)

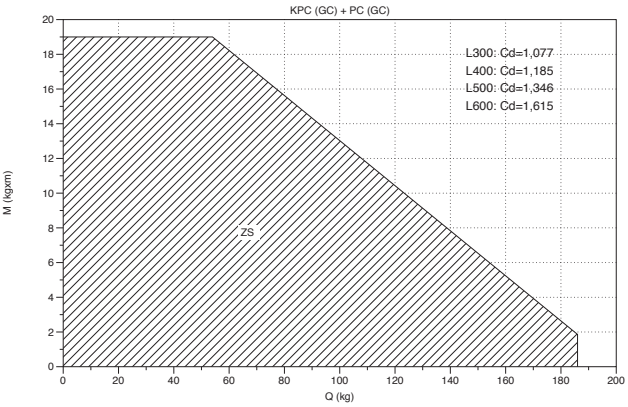
KLPC + C-PC L450 (GS)



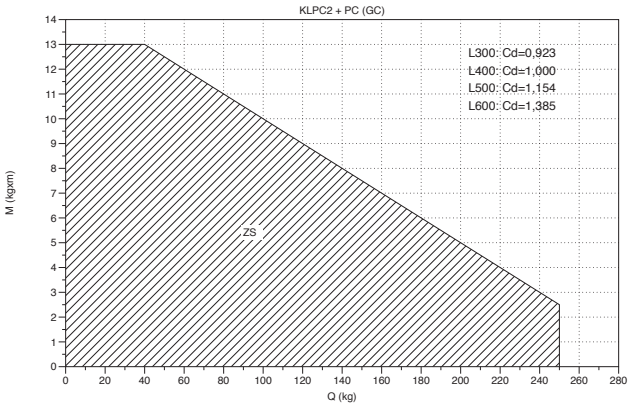
KLPC + C-PC L600 (GS)



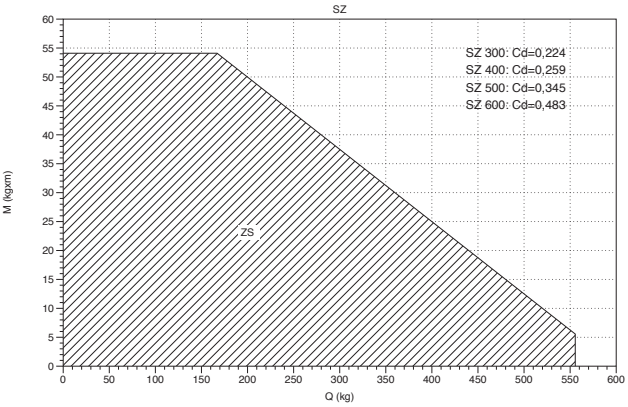
KPC (GC) + PC (GC)



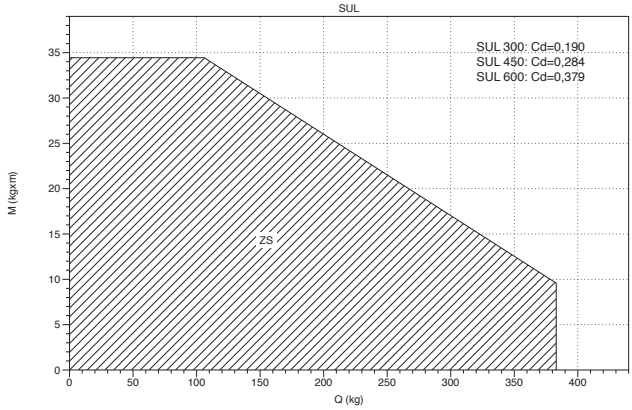
KLPC2 + PC (GC)



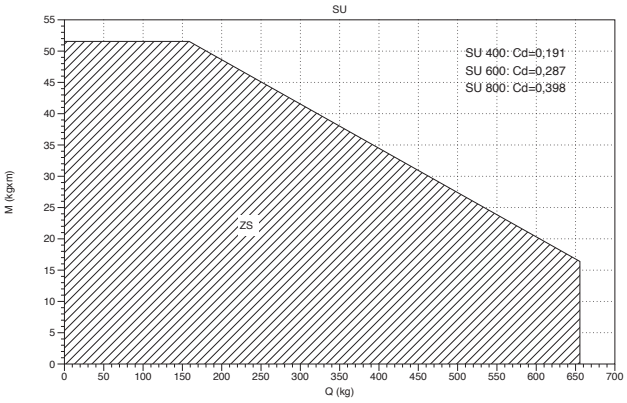
SZ



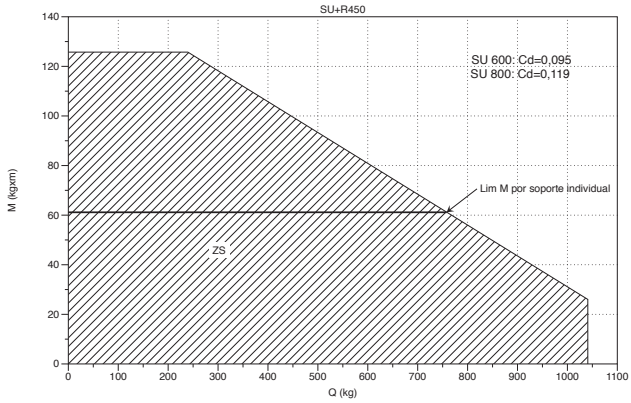
SUL



SU

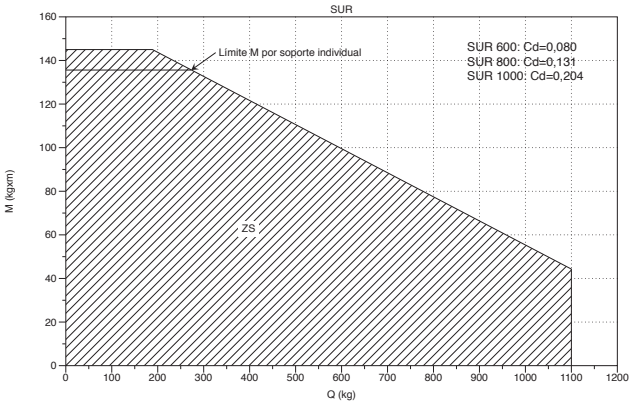


SU+R450

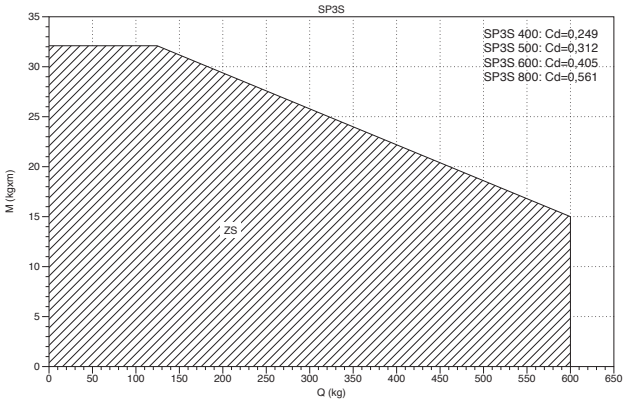


SUPPORTS (UNE-EN 61537)

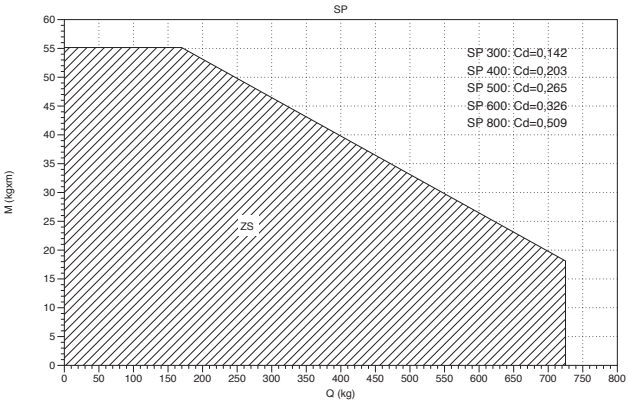
SUR



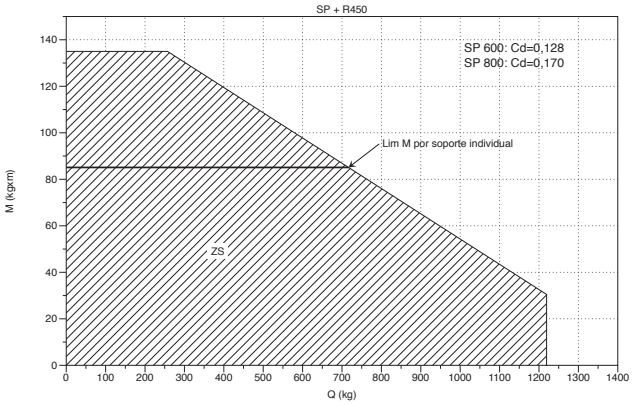
SP3S



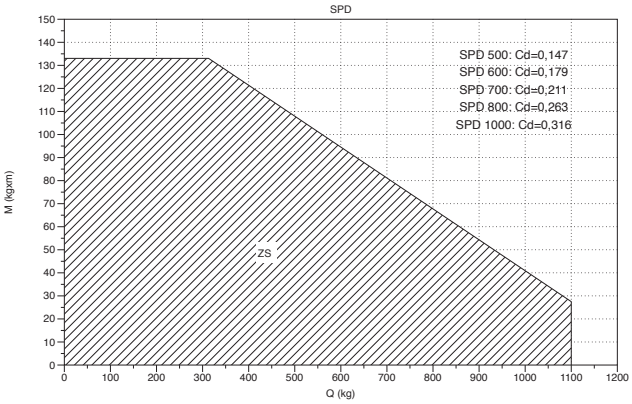
SP



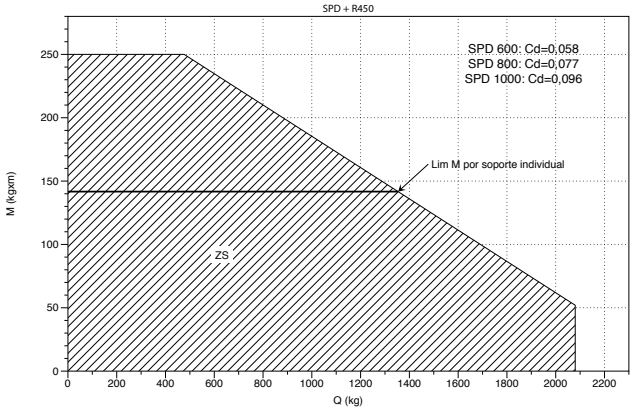
SP + R450



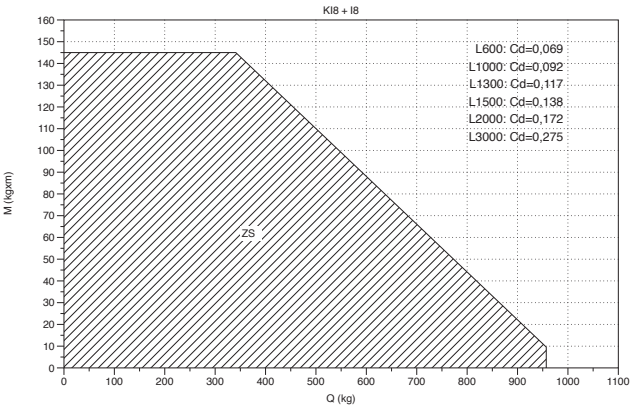
SPD



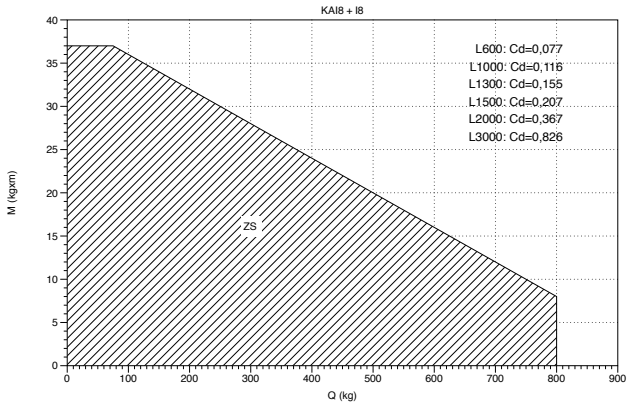
SPD + R450



KI8 + I8



KAI8 + I8



SUPPORTS (UNE-EN 61537)

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

BASORPLAST

BPI (UNE-EN 61537)

MODEL (HxB)	d = 1,5 m & T = 40ºC d = 1 m & T = 60ºC
	CTA kg/m (lb/ft)
60x100	**23** (15,5)
60x150	**28** (18,9)
60x200	**39** (26,3)
60x300	**45** (30,3)
100x200	**79** (53,1)
100x300	**92** (61,9)
100x400	**101** (67,9)
100x600	**118** (79,3)

BPE (UNE-EN 61537)

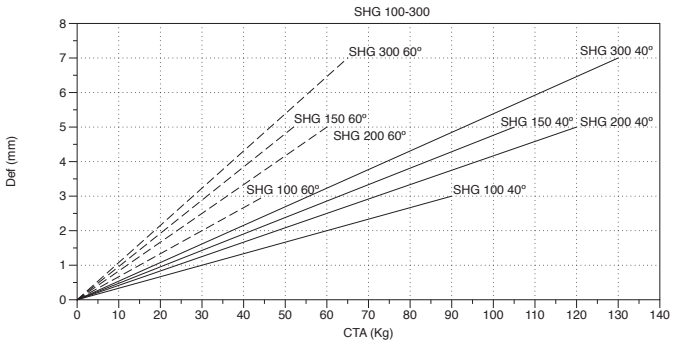
MÁX. 40ºC

	Carga admisible (Kg/m)	
MODELO	Distancia 1 m	Distancia 1,5 m
BPE-60x100	39	20
BPE-60x150	43	22
BPE-60x200	64	31
BPE-60x300	74	38
BPE-100x200	119	57
BPE-100x300	125	61
BPE-100x400	168	81
BPE-100x600	227	112

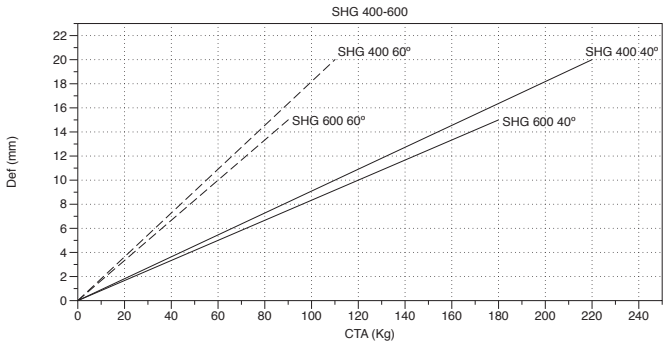
MÁX. 60ºC

	Carga admisible (Kg/m)
MODELO	Distancia 1,5 m
BPE-60x100	20
BPE-60x150	22
BPE-60x200	31
BPE-60x300	38
BPE-100x200	57
BPE-100x300	61
BPE-100x400	81
BPE-100x600	112

SHG 100..300

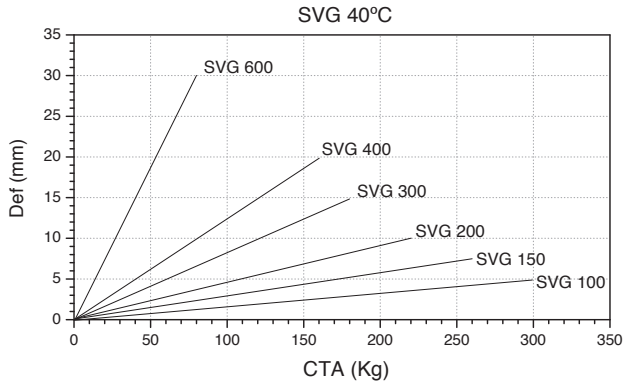


SHG 400..600

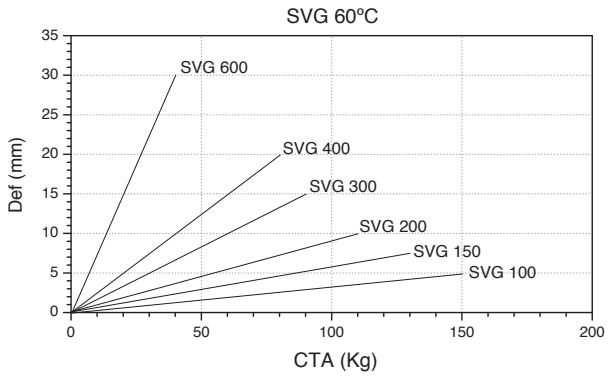


SUPPORTS (UNE-EN 61537)

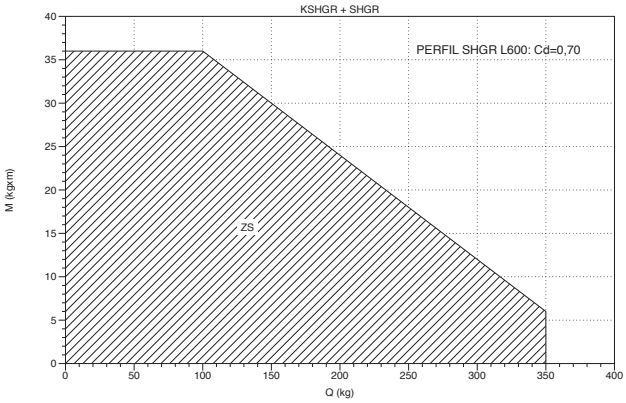
SVG 40ºC



SVG 60ºC



KSHGR + SHGR



FIBERTRAV (UL568 / NEMA FG1)

EFV (UL568 - NEMA FG1)

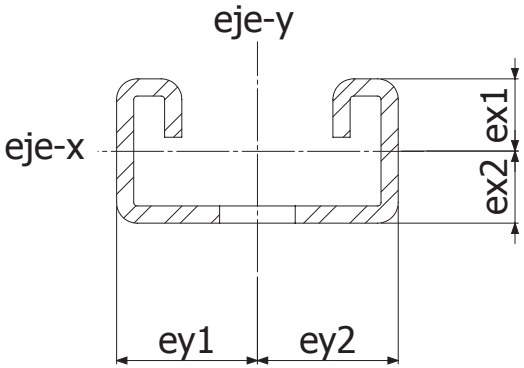
Side Rail	Class
3S	8C/12A
4S	12C/16A
6L	20B
6S	20C
6R	20C (S.F. = 2)

TRUNKING

TRUNKING

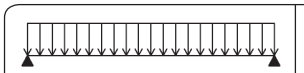
L (m)	2	2,25	2,25	2,75	3
SWL (Kg)	30	27	24	21	17
f (mm)	$f < \frac{L}{350}$				

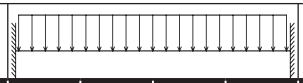
basor electric

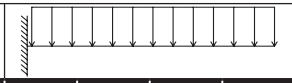


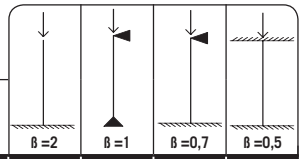
PERFIL 41x21x1,5

Tension admisible	1,50E+8 N/m²
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

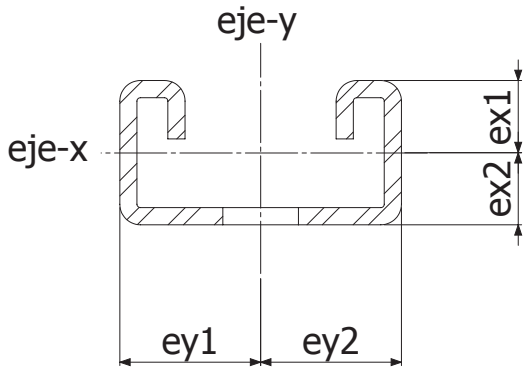








Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para 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 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
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
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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
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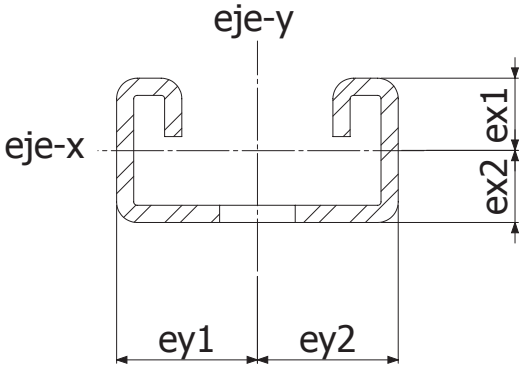
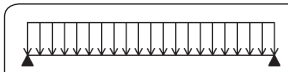
2,7	42	50	12	6	21	40	7	-	63	15	58	32	42	20	29	16	11	119	-	-	5	158	-	-	-	-	-	385
2,8	41	53	11	6	20	42	7	-	61	16	54	30	40	21	27	15	10	127	-	-	5	170	-	-	-	-	-	366
2,9	39	57	10	6	19	44	6	-	59	18	50	28	39	23	25	14	10	137	-	-	5	182	-	-	-	-	-	348
3	38	61	9	5	19	49	6	-	57	19	47	26	38	25	24	13	10	146	-	-	5	195	-	-	-	-	-	333

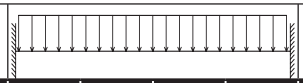
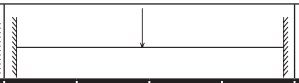
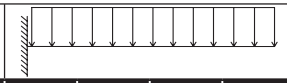
basor electric

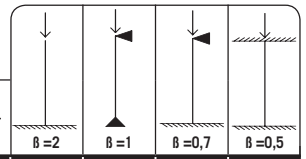


PERFIL 41x21x2,5

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

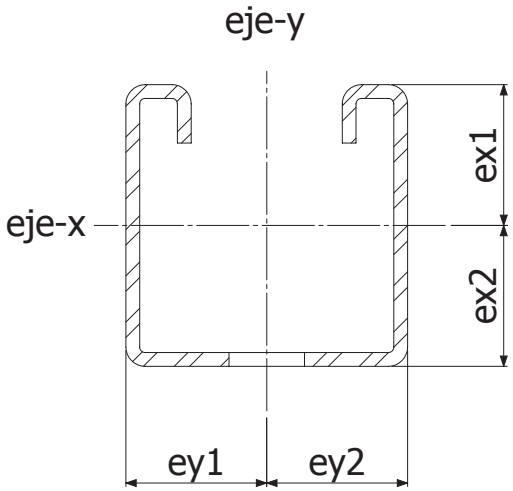


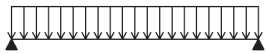
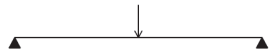
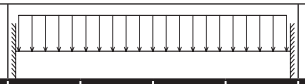


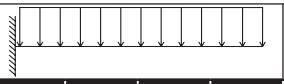
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para 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 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
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	-	-	-	-	-	-

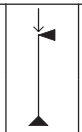
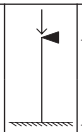
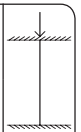
basor electric



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

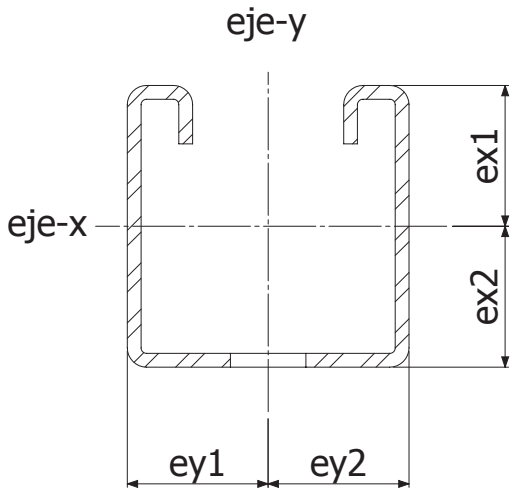






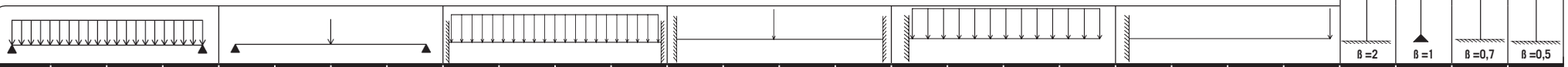
																									ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para 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	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

basor electric



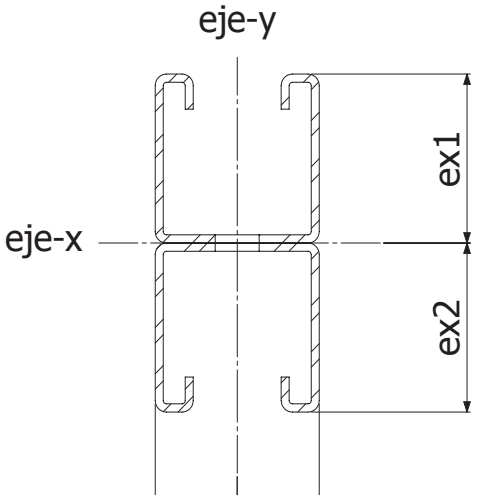
PERFIL 41x41x2,5

Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	6,56E-08 m4
Momento de inercia, Iy	9,32E-08 m4
Área sección bruta	3,46E-04 m2
Área sección neta	3,13E-04 m2
Radio giro eje x	1,45E-02 m
Radio giro eje y	1,73E-02 m
ex1	2,07E-02 m
ex2	2,03E-02 m
ey1	2,05E-02 m
ey2	2,05E-02 m
Módulo resistente eje x	3,16E-06 m3
Módulo resistente eje y	4,54E-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	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	3795	1	3795	3795	1897	1	1897	1897	5692	1	5692	5692	3794	1	3794	3794	949	1	949	949	474	1	474	474	1538	1538	1538	1538
0,2	1897	1	1897	1897	948	1	948	948	2846	1	2846	2846	1897	1	1897	1897	474	1	474	474	237	1	237	237	1528	1538	1538	1538
0,3	1265	1	1265	1265	632	1	632	632	1897	1	1897	1897	1264	1	1264	1264	316	1	316	316	158	2	158	127	1504	1533	1538	1538
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	1466	1528	1538	1538
0,5	759	1	759	759	379	1	379	379	1138	1	1138	1138	758	1	758	758	190	3	190	122	95	3	83	46	1405	1514	1528	1538
0,6	632	2	632	632	316	2	316	316	949	1	949	949	632	1	632	632	158	4	153	85	79	5	57	32	1326	1504	1523	1533
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	1222	1490	1519	1528
0,8	474	3	474	459	237	2	237	237	712	1	712	712	474	1	474	474	119	6	86	48	59	8	32	18	1109	1466	1509	1528
0,9	422	3	422	363	210	3	210	210	632	1	632	632	421	2	421	421	105	7	68	38	53	10	25	14	1001	1439	1499	1519
1	379	4	379	294	189	3	189	184	569	2	569	569	379	2	379	379	95	9	55	31	47	12	21	11	899	1405	1490	1514
1,1	345	5	345	243	172	4	172	152	517	2	517	517	344	2	344	344	86	11	46	25	43	14	17	9	806	1364	1471	1509
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	1457	1504
1,3	292	7	292	174	145	5	145	109	438	2	438	438	291	3	291	291	73	15	33	18	36	20	12	7	657	1275	1439	1499
1,4	271	8	270	150	135	6	135	94	407	3	407	407	271	3	271	271	68	17	28	16	34	23	11	6	593	1222	1418	1490
1,5	253	9	235	131	126	7	126	82	379	3	379	379	252	4	252	252	63	20	24	14	32	26	9	5	-	1167	1388	1480
1,6	237	10	206	115	118	8	118	72	356	3	356	356	237	4	237	237	59	23	22	12	30	30	8	-	-	1109	1360	1466
1,7	223	11	183	102	111	9	111	64	335	4	335	335	223	5	223	223	56	25	19	11	28	34	7	-	-	1055	1326	1457
1,8	211	12	163	91	105	10	102	57	316	4	316	316	210	5	210	210	53	28	17	9	26	38	6	-	-	1001	1289	1439
1,9	200	13	146	81	99	11	92	51	300	4	300	300	199	6	199	199	50	32	15	8	25	42	6	-	-	948	1261	1426
2	190	15	132	73	94	12	83	46	285	5	285	285	189	6	189	184	47	35	14	8	24	46	5	-	-	899	1222	1405
2,1	181	16	120	67	90	13	75	42	271	5	271	271	180	7	180	166	45	38	12	7	23	51	-	-	-	852	1182	1388
2,2	172	18	109	61	86	14	68	38	259	6	259	259	172	7	172	152	43	42	11	6	22	56	-	-	-	806	1142	1364
2,3	165	19	100	56	82	16	62	35	247	6	247	247	164	8	164	139	41	46	10	6	21	61	-	-	-	771	1102	1345
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	1062	1326
2,5	152	23	85	47	75	18	53	29	228	7	228	228	151	9	151	117	38	54	9	-	19	72	-	-	-	692	1031	1296
2,6	146	25	78	43	72	20	49	27	219	8	219	217	145	10	145	109	36	59	8	-	18	78	-	-	-	657	992	1275
2,7	141	27	73	40	70	21	45	25	211	8	211	201	140	11	140	101	35	63	8	-	18	84	-	-	-	623	956	1245
2,8	136	29	67	37	67	23	42	23	203	9	203	187	135	12	135	94	34	68	7	-	17	91	-	-	-	593	920	1222
2,9	131	31	63	35	65	24	39	22	196	10	196	175	130	12	130	87	33	73	7	-	16	97	-	-	-	-	886	1191
3	126	33	59	33	63	26	37	20	190	10	190	163	126	13	126	82	32	78	6	-	16	104	-	-	-	-	852	1167

basor electric

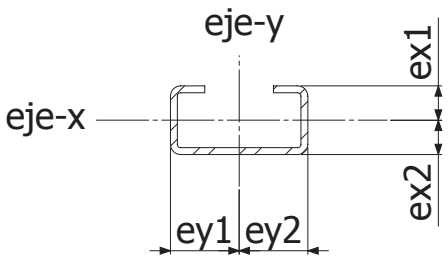


PERFIL 82x41x2,5	
Tensión admisible	1,50E+8 N/m²
Momento de inercia, Ix	3,89E-7 m4
Momento de inercia, Iy	1,87E-7 m4
Área sección bruta	6,92E-4 m2
Área sección neta	6,37E-4 m2
Radio giro eje x	2,47E-2 m
Radio giro eje y	1,71E-2 m
ex1	4,10E-2 m
ex2	4,10E-2 m
ey1	2,05E-2 m
ey2	2,05E-2 m
Módulo resistente eje x	9,49E-6 m3
Módulo resistente eje y	9,11E-6 m3
Momento flector máximo*	1,42E+3 Nm

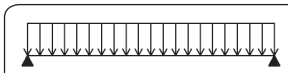
Datos de carga para el eje habitual de trabajo del perfil (eje x)

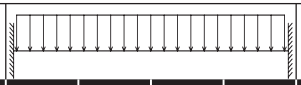
																										ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para 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

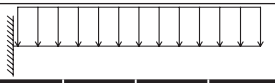
basor electric

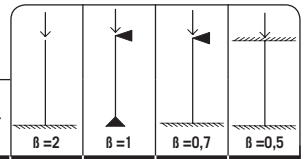


CT 20x10x1	
Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	4,82E-10 m4
Momento de inercia, Iy	2,48E-09 m4
Área sección bruta	4,43E-05 m2
Área sección neta	3,58E-05 m2
Radio giro eje x	3,67E-03 m
Radio giro eje y	8,33E-03 m
ex1	5,19E-03 m
ex2	4,81E-03 m
ey1	1,00E-02 m
ey2	1,00E-02 m
Módulo resistente eje x	9,29E-08 m3
Módulo resistente eje y	2,48E-07 m3
Momento flector máximo	1,39E+01 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	112	1	112	112	55	1	55	55	167	1	167	167	111	1	111	111	28	1	28	23	14	1	14	8	171	178	179	179
0,2	56	1	56	54	27	1	27	27	84	1	84	84	55	1	55	55	14	2	10	6	7	2	-	-	130	171	175	178
0,3	37	2	37	24	18	1	18	15	56	1	56	56	37	1	37	37	9	4	-	-	5	5	-	-	85	155	169	175
0,4	28	3	24	14	13	2	13	8	42	1	42	42	27	1	27	27	7	6	-	-	3	8	-	-	-	130	158	171
0,5	22	4	16	9	11	3	10	5	33	2	33	33	22	2	22	22	6	9	-	-	3	12	-	-	-	105	142	164
0,6	19	6	11	6	9	4	7	-	28	2	28	28	18	2	18	15	5	13	-	-	2	17	-	-	-	85	125	155
0,7	16	8	8	-	7	5	-	-	24	3	24	22	15	3	15	11	4	17	-	-	2	23	-	-	-	70	108	142
0,8	14	10	6	-	6	7	-	-	21	3	21	17	13	4	13	8	3	23	-	-	2	30	-	-	-	-	93	130
0,9	12	12	-	-	6	9	-	-	19	4	19	13	12	5	12	7	3	28	-	-	2	38	-	-	-	-	80	117
1	11	15	-	-	5	11	-	-	17	5	17	11	11	6	10	5	3	35	-	-	1	46	-	-	-	-	70	105
1,1	10	18	-	-	5	14	-	-	15	6	15	9	10	7	8	-	3	42	-	-	1	56	-	-	-	-	-	95
1,2	9	21	-	-	4	15	-	-	14	7	14	8	9	8	7	-	2	50	-	-	1	67	-	-	-	-	-	85
1,3	9	25	-	-	4	19	-	-	13	8	12	6	8	10	6	-	2	59	-	-	1	78	-	-	-	-	-	77
1,4	8	29	-	-	3	17	-	-	12	9	10	6	7	10	-	-	2	68	-	-	1	90	-	-	-	-	-	70
1,5	7	33	-	-	3	21	-	-	11	10	9	-	7	13	-	-	2	78	-	-	1	104	-	-	-	-	-	-
1,6	7	37	-	-	3	26	-	-	10	12	8	-	6	13	-	-	2	89	-	-	1	118	-	-	-	-	-	-
1,7	7	42	-	-	3	31	-	-	10	13	7	-	6	16	-	-	2	100	-	-	1	133	-	-	-	-	-	-
1,8	6	47	-	-	3	36	-	-	9	14	6	-	6	18	-	-	2	112	-	-	1	149	-	-	-	-	-	-
1,9	6	52	-	-	2	29	-	-	9	16	5	-	5	18	-	-	1	125	-	-	1	166	-	-	-	-	-	-
2	6	58	-	-	2	33	-	-	8	18	-	-	5	21	-	-	1	138	-	-	1	184	-	-	-	-	-	-
2,1	5	64	-	-	2	39	-	-	8	19	-	-	5	24	-	-	1	152	-	-	1	203	-	-	-	-	-	-
2,2	5	70	-	-	2	44	-	-	8	21	-	-	5	28	-	-	1	167	-	-	1	223	-	-	-	-	-	-
2,3	5	76	-	-	2	51	-	-	7	23	-	-	4	26	-	-	1	183	-	-	1	243	-	-	-	-	-	-
2,4	5	83	-	-	2	57	-	-	7	25	-	-	4	29	-	-	1	199	-	-	1	265	-	-	-	-	-	-
2,5	4	90	-	-	2	65	-	-	7	27	-	-	4	33	-	-	1	216	-	-	1	287	-	-	-	-	-	-
2,6	4	97	-	-	2	73	-	-	6	30	-	-	4	37	-	-	1	233	-	-	1	311	-	-	-	-	-	-
2,7	4	105	-	-	2	81	-	-	6	32	-	-	4	41	-	-	1	251	-	-	1	335	-	-	-	-	-	-
2,8	4	113	-	-	1	46	-	-	6	34	-	-	3	34	-	-	1	270	-	-	0	360	-	-	-	-	-	-
2,9	4	121	-	-	1	51	-	-	6	37	-	-	3	38	-	-	1	290	-	-	0	386	-	-	-	-	-	-
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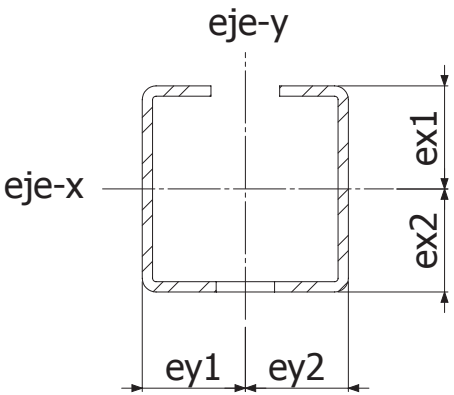
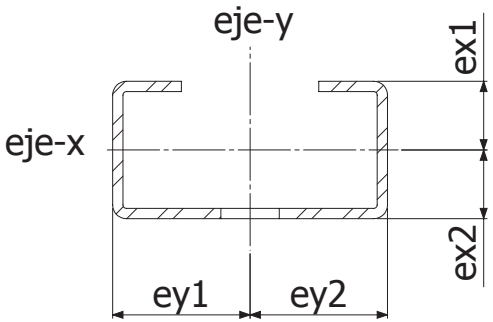


CT 30x30x1,5	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	1,41E-8 m4
Momento de inercia, Iy	2,17E-8 m4
Area seccion bruta	1,53E-4 m2
Area seccion neta	1,28E-4 m2
Radio giro eje x	1,05E-2 m
Radio giro eje y	1,30E-2 m
ex1	1,34E-2 m
ex2	1,66E-2 m
ey1	1,50E-2 m
ey2	1,50E-2 m
Módulo resistente eje x	8,51E-7 m3
Módulo resistente eje y	1,45E-6 m3
Momento flector maximo	1,28E+2 Nm

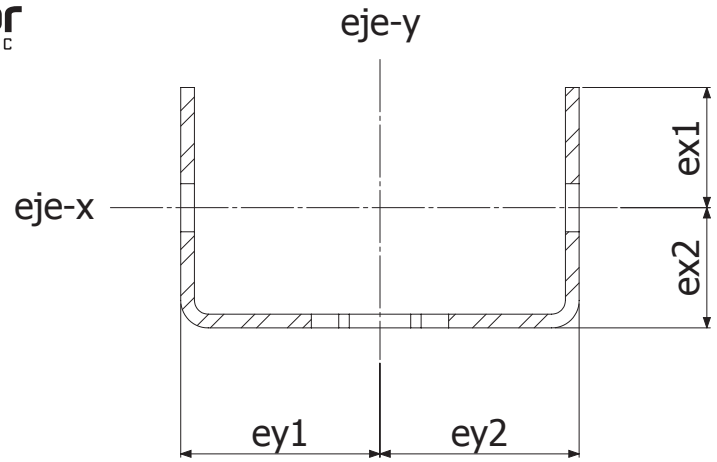
																									ß =2	ß =1	ß =0,7	ß =0,5
Distancia entre apoyos	**Carga distribuida max(Kg)**	**Flecha max (mm)**	**Carga distribuida max (Kg) para una flecha de L/200**	**Carga distribuida max (Kg) para una flecha de L/360**	**Carga puntual max cerca del centro (Kg)**	**Flecha max (mm)**	**Carga puntual max (Kg) para 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

basor electric



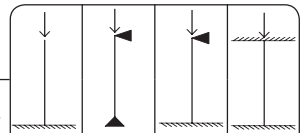
CT 40x20x1,5	
Tensión admisible	1,50E+08 N/m²
Momento de inercia, Ix	7,23E-09 m4
Momento de inercia, Iy	3,21E-08 m4
Área sección bruta	1,36E-04 m2
Área sección neta	1,24E-04 m2
Radio giro eje x	7,64E-03 m
Radio giro eje y	1,61E-02 m
ex1	1,13E-02 m
ex2	8,71E-03 m
ey1	2,00E-02 m
ey2	2,00E-02 m
Módulo resistente 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



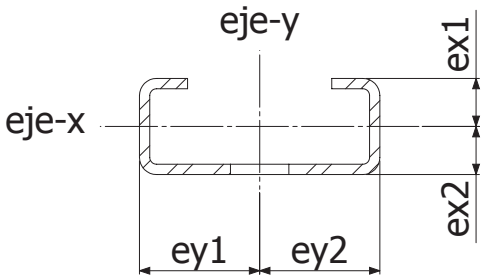
PERFIL COLGANTE

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

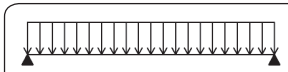


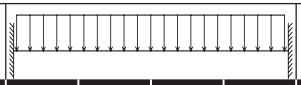
Distancia entre apoyos	Carga distribuida max(Kg)	Flecha max (mm)	Carga distribuida max (Kg) para una flecha de L/200	Carga distribuida max (Kg) para una flecha de L/360	Carga puntual max cerca del centro (Kg)	Flecha max (mm)	Carga puntual max (Kg) para una flecha de L/200	Carga puntual max (Kg) para 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

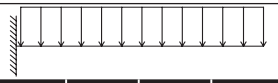
basor electric

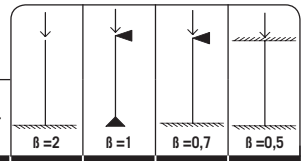


RA 35x14x1,5	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	2,83E-9 m4
Momento de inercia, Iy	1,82E-8 m4
Area seccion bruta	9,82E-5 m2
Area seccion neta	1,11E-4 m2
Radio giro eje x	5,05E-3 m
Radio giro eje y	1,28E-2 m
ex1	6,38E-3 m
ex2	7,62E-3 m
ey1	1,75E-2 m
ey2	1,75E-2 m
Módulo resistente eje x	3,72E-7 m3
Módulo resistente eje y	1,04E-6 m3
Momento flector maximo	5,58E+1 Nm









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
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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	-	-	-	-	-	-
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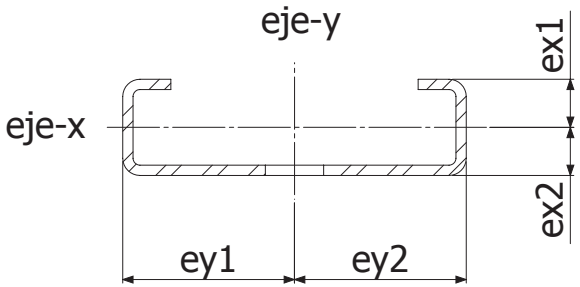

RA 50x14x1,5	
Tension admisible	1,50E+8 N/m²
Momento de inercia, Ix	3,42E-9 m4
Momento de inercia, Iy	4,45E-8 m4
Area seccion bruta	1,33E-4 m2
Area seccion neta	1,21E-4 m2
Radio giro eje x	5,32E-3 m
Radio giro eje y	1,92E-2 m
ex1	9,11E-3 m
ex2	4,89E-3 m
ey1	2,50E-2 m
ey2	2,50E-2 m
Módulo resistente eje 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	-	-	-	-	-	-
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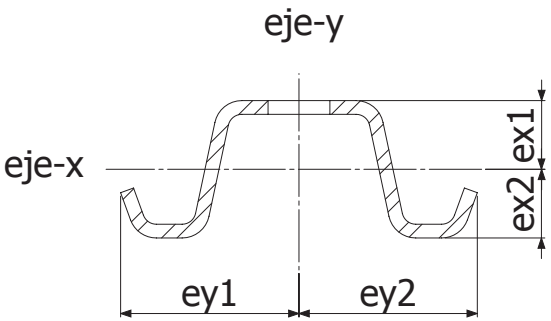
2,6	17	56	-	-	8	41	-	-	26	17	20	11	17	22	10	6	4	133	-	-	2	177	-	-	-	-	-	-
2,7	17	60	-	-	8	46	-	-	25	18	19	11	16	23	9	5	4	143	-	-	2	191	-	-	-	-	-	-
2,8	16	65	-	-	8	51	-	-	24	20	18	10	16	26	9	-	4	154	-	-	2	205	-	-	-	-	-	-
2,9	16	69	-	-	7	50	-	-	23	21	16	9	15	27	8	-	4	165	-	-	2	220	-	-	-	-	-	-
3	15	74	-	-	7	55	-	-	23	23	15	9	15	30	8	-	4	176	-	-	2	236	-	-	-	-	-	-

basor electric



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

																										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	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	-	-	-	-	-	-

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REF.	Family / Pg.
0/0292	BASORFIX 21
0/0294	BASORFIX 21
0/0298	BASORFIX 21
0/0299	BASORFIX 21
0/0310	BASORFIX 21
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0/0320	BASORFIX 21
0/0330	BASORFIX 21
0/0333	BASORCANAL 13
0/0336	BASORFIX 13
0/0337	TRUNKING 7
0/0337	BASORFIX 21
0/0338	BASORFIX 21
0/0339	BASORFIX 21
0/0340	BASORFIX 21
0/0342	BASORFIX 21
0/0343	BASORFIX 17
0/0344	BASORFIX 17
0/0347	BASORFIX 17
0/0348	BASORFIX 21
0/0427	BASORFIX 13
0/0455	BASORFIX 13
0/0494	BASORFIX 13
0/0512	BASORFIX 21
0/0565	BASORFIX 21
0/0649	BASORFIX 21
0/0665	BASORFIX 21
0/0678	BASORFIX 20
0/0710	BASORFIX 21
0/0711	BASORFIX 21
0/0727	TRUNKING 7
0/0727	BASORFIX 21
0/0907	BASORFIX 13
0/0930	BASORFIX 21
0/0933	BASORFIX 21
0/0939	BASORFIX 21
0/0940	BASORFIX 21
0/0941	BASORFIX 21
0/0970	BASORFIX 13
0/0984	BASORFIX 21
0/1064	BASORFIX 21
0/1070	BASORFIX 13
0/1071	BASORFIX 13
0/1072	BASORFIX 13
0/1117	BASORFIX 21
1/0436	TRUNKING 7
1/2365	TRUNKING 7
2/0001	BASORTRAY 17
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2/0003	BASORTRAY 17
2/0004	BASORTRAY 17
2/0006	BASORTRAY 17
2/0007	BASORTRAY 17
2/0008	BASORTRAY 17
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2/0010	BASORTRAY 17
2/0011	BASORTRAY 17
2/0012	BASORTRAY 17

REF.	Family / Pg.
2/0013	BASORTRAY 17
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2/0015	BASORTRAY 17
2/0016	BASORTRAY 17
2/0017	BASORTRAY 17
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2/0020	BASORTRAY 17
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2/0062	BASORTRAY 17
2/0063	BASORTRAY 17
2/0064	BASORTRAY 17
2/0065	BASORTRAY 17
2/0066	BASORTRAY 17
2/0067	BASORTRAY 17
2/0068	BASORTRAY 17
2/0069	BASORTRAY 17
2/0070	BASORTRAY 17
2/0071	BASORTRAY 17
2/0072	BASORTRAY 17
2/0073	BASORTRAY 17
2/0074	BASORTRAY 17
2/0075	BASORTRAY 17
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2/0153	BASORCANAL 5
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2/0157	BASORCANAL 5
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2/0163	BASORCANAL 6
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2/0166	BASORCANAL 6
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2/0170	BASORCANAL 6
2/0171	BASORCANAL 6
2/0172	BASORCANAL 6
2/0173	BASORCANAL 6
2/0174	BASORCANAL 6
2/0175	BASORCANAL 6

REF.	Family / Pg.
2/0176	BASORCANAL 6
2/0177	BASORCANAL 6
2/0178	BASORCANAL 6
2/0180	BASORCANAL 6
2/0181	BASORCANAL 8
2/0182	BASORCANAL 8
2/0183	BASORCANAL 8
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2/0185	BASORCANAL 8
2/0186	BASORCANAL 8
2/0187	BASORCANAL 8
2/0190	BASORCANAL 8
2/0191	BASORCANAL 7
2/0192	BASORCANAL 7
2/0193	BASORCANAL 7
2/0194	BASORCANAL 7
2/0195	BASORCANAL 7
2/0196	BASORCANAL 7
2/0197	BASORCANAL 7
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2/0199	BASORCANAL 7
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2/0203	BASORCANAL 7
2/0204	BASORCANAL 7
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2/0206	BASORCANAL 7
2/0207	BASORCANAL 7
2/0208	BASORCANAL 7
2/0209	BASORCANAL 7
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2/0211	BASORCANAL 7
2/0212	BASORCANAL 7
2/0213	BASORCANAL 8
2/0214	BASORCANAL 8
2/0215	BASORCANAL 8
2/0216	BASORCANAL 8
2/0217	BASORCANAL 8
2/0218	BASORCANAL 8
2/0219	BASORCANAL 8
2/0220	BASORCANAL 8
2/0222	BASORCANAL 8
2/0223	BASORCANAL 8
2/0224	BASORCANAL 8
2/0225	BASORCANAL 8
2/0226	BASORCANAL 8
2/0227	BASORCANAL 9
2/0229	BASORSUPPORT 25
2/0233	BASORFIX 4
2/0234	BASORFIX 4
2/0235	BASORFIX 4
2/0236	BASORFIX 4
2/0237	BASORFIX 14
2/0238	BASORFIX 14
2/0239	BASORFIX 14
2/0240	BASORFIX 14
2/0242	BASORFIX 14

REF.	Family / Pg.
2/0245	BASORFIX 12
2/0246	BASORFIX 14
2/0248	BASORFIX 15
2/0250	BASORFIX 15
2/0286	BASORFIL 7
2/0287	BASORFIL 7
2/0288	BASORFIL 7
2/0289	BASORFIL 7
2/0290	BASORFIL 7
2/0291	BASORFIL 7
2/0292	BASORFIL 7
2/0293	BASORFIL 7
2/0294	BASORFIL 7
2/0295	BASORFIL 7
2/0296	BASORFIL 7
2/0297	BASORFIL 7
2/0298	BASORFIL 8
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2/0300	BASORFIL 8
2/0301	BASORFIL 8
2/0302	BASORFIL 8
2/0303	BASORFIL 7
2/0304	BASORFIL 7
2/0305	BASORFIL 7
2/0306	BASORFIL 7
2/0307	BASORFIL 8
2/0308	BASORFIL 8
2/0309	BASORFIL 8
2/0310	BASORFIL 8
2/0311	BASORFIL 8
2/0312	BASORFIL 8
2/0313	BASORFIL 8
2/0314	BASORFIL 8
2/0315	BASORFIL 8
2/0316	BASORFIL 8
2/0317	BASORFIL 8
2/0318	BASORFIL 8
2/0319	BASORFIL 8
2/0337	BASORFIL 14
2/0339	BASORFIL 14
2/0340	BASORFIL 14
2/0351	BASORFIX 20
2/0352	BASORFIX 20
2/0354	BASORFIX 20
2/0355	BASORFIL 15
2/0356	BASORFIL 16
2/0357	BASORFIL 14
2/0358	BASORFIL 16
2/0359	BASORFIL 16
2/0360	BASORFIL 15
2/0361	BASORFIX 20
2/0362	BASORFIX 20
2/0363	BASORFIL 14
2/0364	BASORFIX 20
2/0365	BASORFIL 15
2/0366	BASORFIL 16
2/0368	BASORFIL 16
2/0369	BASORFIL 16

REF.	Family / Pg.
2/0370	BASORFIL 15
2/0373	BASORFIL 14
2/0375	BASORFIL 15
2/0376	BASORFIL 16
2/0378	BASORFIL 16
2/0379	BASORFIL 16
2/0380	BASORFIL 15
2/0385	TRUNKING 5
2/0400	TRUNKING 7
2/0401	TRUNKING 6
2/0402	TRUNKING 6
2/0404	TRUNKING 7
2/0405	BASORTRAY 45
2/0406	BASORTRAY 45
2/0407	BASORTRAY 45
2/0408	BASORTRAY 45
2/0409	BASORTRAY 45
2/0413	BASORTRAY 46
2/0414	BASORTRAY 45
2/0415	BASORTRAY 46
2/0416	BASORTRAY 45
2/0417	BASORTRAY 45
2/0421	BASORTRAY 45
2/0422	BASORTRAY 45
2/0423	BASORTRAY 45
2/0424	BASORTRAY 45
2/0425	BASORTRAY 45
2/0426	BASORTRAY 45
2/0427	BASORTRAY 45
2/0446	BASORTRAY 45
2/0447	BASORTRAY 45
2/0448	BASORTRAY 45
2/0449	BASORTRAY 45
2/0450	BASORTRAY 45
2/0454	BASORTRAY 46
2/0455	BASORTRAY 46
2/0456	BASORTRAY 46
2/0457	BASORTRAY 46
2/0458	BASORTRAY 46
2/0462	BASORTRAY 46
2/0463	BASORTRAY 46
2/0464	BASORTRAY 46
2/0465	BASORTRAY 46
2/0466	BASORTRAY 46
2/0467	BASORTRAY 46
2/0468	BASORTRAY 46
2/0569	BASORTRAY 43
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2/0573	BASORTRAY 43
2/0577	BASORTRAY 43
2/0578	BASORTRAY 43
2/0579	BASORTRAY 43
2/0580	BASORTRAY 43
2/0581	BASORTRAY 43
2/0582	BASORTRAY 43
2/0583	BASORTRAY 43

REF.	Family / Pg.
2/0584	BASORTRAY 43
2/0585	BASORTRAY 43
2/0586	BASORTRAY 43
2/0587	BASORTRAY 43
2/0588	BASORTRAY 43
2/0589	BASORTRAY 43
2/0590	BASORTRAY 43
2/0591	BASORTRAY 43
2/0592	BASORTRAY 43
2/0615	BASORTRAY 53
2/0616	BASORTRAY 53
2/0617	BASORTRAY 53
2/0618	BASORTRAY 53
2/0622	BASORTRAY 53
2/0623	BASORTRAY 53
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2/0625	BASORTRAY 53
2/0626	BASORTRAY 53
2/0713	BASORTRAY 54
2/0715	BASORTRAY 54
2/0716	BASORTRAY 54
2/0717	BASORTRAY 54
2/0719	BASORTRAY 54
2/0728	BASORTRAY 54
2/0730	BASORTRAY 54
2/0731	BASORTRAY 54
2/0732	BASORTRAY 54
2/0734	BASORTRAY 54
2/0749	BASORTRAV 5
2/0750	BASORTRAV 5
2/0751	BASORTRAV 5
2/0752	BASORTRAV 5
2/0753	BASORTRAV 5
2/0754	BASORTRAV 5
2/0755	BASORTRAV 5
2/0770	BASORTRAV 5
2/0771	BASORTRAV 5
2/0772	BASORTRAV 5
2/0773	BASORTRAV 5
2/0774	BASORTRAV 5
2/0775	BASORTRAV 5
2/0776	BASORTRAV 5
2/0802	BASORTRAV 20
2/0803	BASORTRAV 20
2/0804	BASORTRAV 20
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2/0806	BASORTRAV 20
2/0807	BASORTRAV 20
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2/0809	BASORTRAV 20
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2/0811	BASORTRAV 20
2/0812	BASORTRAV 6
2/0813	BASORTRAV 6
2/0814	BASORTRAV 6
2/0815	BASORTRAV 6
2/0816	BASORTRAV 6
2/0817	BASORTRAV 6

REF.	Family / Pg.
2/0818	BASORTRAV 6
2/0833	BASORTRAV 6
2/0834	BASORTRAV 6
2/0835	BASORTRAV 6
2/0836	BASORTRAV 6
2/0837	BASORTRAV 6
2/0838	BASORTRAV 6
2/0839	BASORTRAV 6
2/0854	BASORTRAV 7
2/0854	BASORTRAV 47
2/0855	BASORTRAV 59
2/0856	BASORTRAV 47
2/0857	BASORTRAV 7, 47
2/0859	BASORTRAV 47
2/0860	BASORTRAV 7, 47
2/0862	BASORTRAV 47
2/0863	BASORTRAV 7, 48
2/0864	BASORTRAV 7, 48
2/0865	BASORTRAV 11
2/0866	BASORTRAV 11
2/0867	BASORTRAV 11
2/0868	BASORTRAV 11
2/0869	BASORTRAV 11
2/0870	BASORTRAV 11
2/0871	BASORTRAV 11
2/0872	BASORTRAV 11
2/0873	BASORTRAV 11
2/0874	BASORTRAV 11
2/0875	BASORTRAV 11
2/0876	BASORTRAV 11
2/0877	BASORTRAV 11
2/0878	BASORTRAV 11
2/0886	BASORFIL 15
2/0887	BASORTRAV 16
2/0888	BASORTRAV 16
2/0889	BASORTRAV 16
2/0890	BASORTRAV 16
2/0891	BASORTRAV 16
2/0892	BASORTRAV 16
2/0893	BASORTRAV 16
2/0894	BASORSUPPORT 8, 14
2/0895	BASORTRAV 16
2/0896	BASORTRAV 16
2/0897	BASORTRAV 16
2/0898	BASORTRAV 16
2/0899	BASORTRAV 16
2/0900	BASORTRAV 16
2/0901	BASORTRAV 16
2/0909	BASORTRAV 24
2/0910	BASORTRAV 24
2/0911	BASORTRAV 24
2/0912	BASORTRAV 24
2/0913	BASORTRAV 24
2/0914	BASORTRAV 24
2/0915	BASORTRAV 24
2/0916	BASORTRAV 24
2/0917	BASORTRAV 24
2/0918	BASORTRAV 24

REF.	Family / Pg.
2/0919	BASORTRAV 24
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2/0921	BASORTRAV 24
2/0922	BASORTRAV 24
2/0930	BASORTRAV 27
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2/0932	BASORTRAV 27
2/0933	BASORTRAV 27
2/0934	BASORTRAV 27
2/0935	BASORTRAV 27
2/0936	BASORTRAV 27
2/0937	BASORTRAV 27
2/0938	BASORTRAV 27
2/0939	BASORTRAV 27
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2/0941	BASORTRAV 27
2/0942	BASORTRAV 27
2/0943	BASORTRAV 27
2/0951	BASORTRAV 28
2/0952	BASORTRAV 28
2/0953	BASORTRAV 28
2/0954	BASORTRAV 28
2/0955	BASORTRAV 28
2/0956	BASORTRAV 28
2/0957	BASORTRAV 28
2/0958	BASORTRAV 28
2/0959	BASORTRAV 28
2/0960	BASORTRAV 28
2/0961	BASORTRAV 28
2/0962	BASORTRAV 28
2/0963	BASORTRAV 28
2/0964	BASORTRAV 28
2/0975	BASORSUPPORT 8
2/0976	BASORSUPPORT 8
2/0977	BASORSUPPORT 8
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2/1002	BASORSUPPORT 8
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2/1004	BASORSUPPORT 8
2/1005	BASORSUPPORT 8
2/1006	BASORSUPPORT 8
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2/1021	BASORSUPPORT 8
2/1022	BASORSUPPORT 8
2/1023	BASORSUPPORT 9
2/1024	BASORSUPPORT 9
2/1025	BASORSUPPORT 9
2/1026	BASORSUPPORT 9

REF.	Family / Pg.
2/1027	BASORSUPPORT 9
2/1032	BASORSUPPORT 11, 25
2/1033	BASORSUPPORT 11, 25
2/1034	BASORSUPPORT 11, 25
2/1035	BASORSUPPORT 11, 25
2/1036	BASORSUPPORT 10, 16, 20
2/1037	BASORSUPPORT 10, 16, 20
2/1038	BASORSUPPORT 10, 16, 20
2/1046	BASORSUPPORT 19
2/1046	BASORCANAL 19
2/1047	BASORSUPPORT 19
2/1048	BASORSUPPORT 19
2/1048	BASORCANAL 19
2/1049	BASORSUPPORT 19
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2/1050	BASORSUPPORT 19
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2/1063	BASORSUPPORT 19
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2/1065	BASORSUPPORT 19
2/1069	BASORSUPPORT 17, 20
2/1070	BASORSUPPORT 17, 20
2/1071	BASORSUPPORT 17, 20
2/1072	BASORSUPPORT 17, 20
2/1073	BASORSUPPORT 14, 19
2/1074	BASORSUPPORT 14, 19
2/1076	BASORSUPPORT 14, 19
2/1077	BASORSUPPORT 14, 19
2/1078	BASORSUPPORT 14, 19
2/1079	BASORSUPPORT 14, 19
2/1081	BASORSUPPORT 14, 19
2/1082	BASORSUPPORT 14, 19
2/1087	BASORSUPPORT 14
2/1088	BASORSUPPORT 14
2/1090	BASORSUPPORT 14
2/1101	BASORFIX 14
2/1104	BASORFIL 14
2/1116	BASORSUPPORT 25
2/1117	BASORSUPPORT 25
2/1121	BASORSUPPORT 24
2/1122	BASORFIX 14
2/1123	BASORFIX 14
2/1124	BASORFIX 14
2/1131	BASORFIX 12
2/1132	BASORPLAST 5
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REF.	Family / Pg.
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2/1157	BASORPLAST 19
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2/1159	BASORPLAST 19
2/1160	BASORPLAST 20
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2/1181	BASORPLAST 22
2/1182	BASORPLAST 22
2/1183	BASORPLAST 22
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2/1189	BASORPLAST 20
2/1190	BASORPLAST 20
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2/1194	BASORTRAY 11
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2/1198	BASORTRAY 11
2/1199	BASORTRAY 11
2/1201	BASORTRAY 11
2/1202	BASORTRAY 11
2/1203	BASORTRAY 11

REF.	Family / Pg.
2/1204	BASORTRAY 11
2/1205	BASORTRAY 12
2/1206	BASORTRAY 12
2/1207	BASORTRAY 12
2/1209	BASORTRAY 12
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2/1231	BASORTRAY 11
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2/1236	BASORTRAY 12
2/1237	BASORTRAY 12
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2/1267	BASORTRAY 12
2/1269	BASORTRAY 12
2/1270	BASORTRAY 12
2/1271	BASORTRAY 12
2/1272	BASORTRAY 12

REF.	Family / Pg.
2/1273	BASORTRAY 13
2/1274	BASORTRAY 13
2/1275	BASORTRAY 13
2/1277	BASORTRAY 13
2/1278	BASORTRAY 13
2/1279	BASORTRAY 13
2/1280	BASORTRAY 13
2/1282	BASORTRAY 11
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2/1284	BASORTRAY 11
2/1285	BASORTRAY 11
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2/1297	BASORTRAY 12
2/1299	BASORTRAY 12
2/1300	BASORTRAY 12
2/1301	BASORTRAY 12
2/1302	BASORTRAY 12
2/1303	BASORTRAY 13
2/1304	BASORTRAY 13
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2/2056	BASORTRAY 6
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2/2895	BASORTRAY 49
2/2896	BASORTRAY 49
2/2897	BASORTRAY 49
2/2898	BASORTRAY 49
2/2899	BASORTRAY 49
2/2900	BASORTRAY 49
2/2901	BASORTRAY 49
2/2902	BASORTRAY 49
2/2903	BASORTRAY 49
2/2935	BASORTRAY 55
2/2937	BASORTRAY 55
2/2938	BASORTRAY 55
2/2939	BASORTRAY 55
2/2941	BASORTRAY 55
2/2950	BASORTRAY 55
2/2952	BASORTRAY 55
2/2953	BASORTRAY 55
2/2954	BASORTRAY 55
2/2956	BASORTRAY 55
2/3186	BASORTRAY 51
2/3187	BASORTRAY 51
2/3188	BASORTRAY 56
2/3189	BASORTRAY 56
2/3207	BASORTRAY 53
2/3218	BASORTRAY 45
2/3219	BASORTRAY 46
2/3226	BASORTRAY 29
2/3229	BASORTRAY 29
2/3232	BASORTRAY 29
2/3233	BASORTRAY 29
2/3235	BASORTRAY 6
2/3236	BASORTRAY 6
2/3238	BASORTRAY 6
2/3249	BASORTRAY 23
2/3250	BASORTRAY 23
2/3251	BASORTRAY 23
2/3252	BASORTRAY 23
2/3253	BASORTRAY 23
2/3263	BASORTRAY 21
2/3264	BASORTRAY 21
2/3265	BASORTRAY 21
2/3266	BASORTRAY 21
2/3268	BASORTRAV 61
2/3269	BASORTRAV 61
2/3270	BASORTRAV 61
2/3271	BASORTRAY 21
2/3333	BASORCANAL 6
2/3397	BASORFIX 20
2/3413	BASORSUPPORT 19
2/3413	BASORCANAL 19
2/3414	BASORSUPPORT 19
2/3414	BASORCANAL 19
2/3415	BASORSUPPORT 19
2/3415	BASORCANAL 19
2/3418	BASORSUPPORT 19
2/3419	BASORSUPPORT 19

REF.	Family / Pg.
2/3420	BASORSUPPORT 19
2/3438	BASORSUPPORT 8
2/3450	BASORSUPPORT 8
2/3460	BASORSUPPORT 11
2/3460	BASORSUPPORT 25
2/3461	BASORFIX 19
2/3462	BASORFIX 19
2/3465	BASORTRAY 51
2/3473	BASORFIX 14
2/3476	BASORTRAY 28, 40
2/3476	BASORFIL 19
2/3476	BASORTRAV 8, 46
2/3477	BASORTRAY 28
2/3477	BASORFIL 19
2/3477	BASORTRAV 46
2/3478	BASORTRAY 28, 40
2/3478	BASORFIL 19
2/3478	BASORTRAV 46
2/3479	BASORTRAY 28, 40
2/3479	BASORFIL 19
2/3479	BASORTRAV 8, 46
2/3480	BASORTRAY 28, 40
2/3480	BASORFIL 19
2/3480	BASORTRAV 46
2/3481	BASORTRAY 28
2/3481	BASORFIL 19
2/3481	BASORTRAV 46
2/3482	BASORTRAY 28, 40
2/3482	BASORFIL 19
2/3482	BASORTRAV 46
2/3485	BASORSUPPORT 24
2/3520	BASORPLAST 13, 24
2/3521	BASORPLAST 23
2/3522	BASORPLAST 23
2/3523	BASORPLAST 23
2/3540	BASORTRAY 53
2/3541	BASORTRAY 53
2/3544	BASORTRAV 61
2/3545	BASORTRAV 61
2/3546	BASORTRAV 61
2/3553	BASORTRAY 43
2/3554	BASORTRAY 43
2/3559	BASORTRAY 29
2/3560	BASORTRAY 19
2/3561	BASORTRAY 19
2/3562	BASORTRAY 19
2/3563	BASORTRAY 19
2/3564	BASORTRAY 19
2/3565	BASORTRAY 23
2/3579	BASORTRAV 5, 43
2/3595	BASORTRAV 61
2/3596	BASORTRAV 61
2/3597	BASORTRAV 61
2/3598	BASORTRAV 61
2/3599	BASORTRAV 62
2/3600	BASORTRAV 63
2/3601	BASORTRAV 63
2/3607	BASORTRAV 63

REF.	Family / Pg.
2/3610	BASORCANAL 7
2/3614	BASORFIL 9
2/3616	BASORFIL 7
2/3617	BASORFIL 7
2/3618	BASORFIL 7
2/3619	BASORFIL 7
2/3621	BASORFIL 7
2/3622	BASORFIL 7
2/3623	BASORFIL 7
2/3624	BASORFIL 7
2/3625	BASORFIL 7
2/3626	BASORFIL 7
2/3629	BASORSUPPORT 14, 19
2/3630	BASORSUPPORT 14, 19
2/3633	BASORSUPPORT 10
2/3645	BASORTRAY 28
2/3645	BASORFIL 19
2/3655	BASORTRAY 51
2/3658	BASORTRAY 33
2/3659	BASORTRAY 33
2/3660	BASORTRAY 33
2/3661	BASORTRAY 33
2/3662	BASORTRAY 33
2/3663	BASORTRAY 33
2/3669	BASORTRAY 35
2/3670	BASORTRAY 35
2/3671	BASORTRAY 35
2/3672	BASORTRAY 35
2/3673	BASORTRAY 35
2/3689	BASORTRAY 37
2/3690	BASORTRAY 37
2/3691	BASORTRAY 37
2/3692	BASORTRAY 37
2/3693	BASORTRAY 37
2/3698	BASORTRAY 38
2/3699	BASORTRAY 38
2/3700	BASORTRAY 38
2/3701	BASORTRAY 38
2/3702	BASORTRAY 38
2/3703	BASORTRAY 38
2/3708	BASORTRAY 33
2/3709	BASORTRAY 33
2/3710	BASORTRAY 33
2/3711	BASORTRAY 33
2/3712	BASORTRAY 33
2/3713	BASORTRAY 33
2/3714	BASORTRAY 33
2/3715	BASORTRAY 33
2/3716	BASORTRAY 33
2/3717	BASORTRAY 33
2/3724	BASORTRAY 39
2/3745	BASORTRAY 35
2/3746	BASORTRAY 35
2/3747	BASORTRAY 35
2/3748	BASORTRAY 35
2/3749	BASORTRAY 35
2/3750	BASORTRAY 35
2/3751	BASORTRAY 35

REF.	Family / Pg.
2/3752	BASORTRAY 35
2/3753	BASORTRAY 35
2/3754	BASORTRAY 35
2/3765	BASORTRAY 37
2/3766	BASORTRAY 37
2/3767	BASORTRAY 37
2/3768	BASORTRAY 37
2/3769	BASORTRAY 37
2/3770	BASORTRAY 37
2/3771	BASORTRAY 37
2/3772	BASORTRAY 37
2/3773	BASORTRAY 37
2/3774	BASORTRAY 37
2/3775	BASORTRAY 38
2/3776	BASORTRAY 38
2/3777	BASORTRAY 38
2/3778	BASORTRAY 38
2/3779	BASORTRAY 38
2/3780	BASORTRAY 38
2/3781	BASORTRAY 38
2/3782	BASORTRAY 38
2/3783	BASORTRAY 38
2/3784	BASORTRAY 38
2/3785	BASORTRAY 34
2/3786	BASORTRAY 34
2/3787	BASORTRAY 34
2/3788	BASORTRAY 34
2/3789	BASORTRAY 34
2/3790	BASORTRAY 34
2/3791	BASORTRAY 34
2/3792	BASORTRAY 34
2/3793	BASORTRAY 34
2/3800	BASORTRAY 40
2/3801	BASORTRAY 39
2/3811	BASORTRAY 35
2/3812	BASORTRAY 35
2/3813	BASORTRAY 35
2/3814	BASORTRAY 35
2/3815	BASORTRAY 35
2/3816	BASORTRAY 35
2/3817	BASORTRAY 35
2/3818	BASORTRAY 35
2/3819	BASORTRAY 35
2/3829	BASORTRAY 37
2/3830	BASORTRAY 37
2/3831	BASORTRAY 37
2/3832	BASORTRAY 37
2/3833	BASORTRAY 37
2/3834	BASORTRAY 37
2/3835	BASORTRAY 37
2/3836	BASORTRAY 37
2/3837	BASORTRAY 37
2/3838	BASORTRAY 38
2/3839	BASORTRAY 38
2/3840	BASORTRAY 38
2/3841	BASORTRAY 38
2/3842	BASORTRAY 38
2/3843	BASORTRAY 38

REF.	Family / Pg.
2/3844	BASORTRAY 38
2/3845	BASORTRAY 38
2/3846	BASORTRAY 38
2/3847	BASORTRAY 33
2/3848	BASORTRAY 33
2/3849	BASORTRAY 33
2/3850	BASORTRAY 33
2/3851	BASORTRAY 33
2/3852	BASORTRAY 33
2/3863	BASORTRAY 35
2/3864	BASORTRAY 35
2/3865	BASORTRAY 35
2/3866	BASORTRAY 35
2/3867	BASORTRAY 35
2/3868	BASORTRAY 35
2/3883	BASORTRAY 37
2/3884	BASORTRAY 37
2/3885	BASORTRAY 37
2/3886	BASORTRAY 37
2/3887	BASORTRAY 37
2/3888	BASORTRAY 37
2/3893	BASORTRAY 38
2/3894	BASORTRAY 38
2/3895	BASORTRAY 38
2/3896	BASORTRAY 38
2/3897	BASORTRAY 38
2/3898	BASORTRAY 38
2/3903	BASORTRAY 33
2/3904	BASORTRAY 33
2/3905	BASORTRAY 33
2/3906	BASORTRAY 33
2/3907	BASORTRAY 33
2/3908	BASORTRAY 33
2/3909	BASORTRAY 33
2/3910	BASORTRAY 33
2/3911	BASORTRAY 33
2/3912	BASORTRAY 33
2/3919	BASORTRAY 39
2/3940	BASORTRAY 35
2/3941	BASORTRAY 35
2/3942	BASORTRAY 35
2/3943	BASORTRAY 35
2/3944	BASORTRAY 35
2/3945	BASORTRAY 35
2/3946	BASORTRAY 35
2/3947	BASORTRAY 35
2/3948	BASORTRAY 35
2/3949	BASORTRAY 35
2/3960	BASORTRAY 37
2/3961	BASORTRAY 37
2/3962	BASORTRAY 37
2/3963	BASORTRAY 37
2/3964	BASORTRAY 37
2/3965	BASORTRAY 37
2/3966	BASORTRAY 37
2/3967	BASORTRAY 37
2/3968	BASORTRAY 37
2/3969	BASORTRAY 37

REF.	Family / Pg.
2/3970	BASORTRAY 38
2/3971	BASORTRAY 38
2/3972	BASORTRAY 38
2/3973	BASORTRAY 38
2/3974	BASORTRAY 38
2/3975	BASORTRAY 38
2/3976	BASORTRAY 38
2/3977	BASORTRAY 38
2/3978	BASORTRAY 38
2/3979	BASORTRAY 38
2/3980	BASORTRAY 34
2/3981	BASORTRAY 34
2/3982	BASORTRAY 34
2/3983	BASORTRAY 34
2/3984	BASORTRAY 34
2/3985	BASORTRAY 34
2/3986	BASORTRAY 34
2/3987	BASORTRAY 34
2/3988	BASORTRAY 34
2/3995	BASORTRAY 40
2/3996	BASORTRAY 39
2/3998	BASORTRAY 39
2/3999	BASORTRAY 39
2/4000	BASORTRAY 39
2/4001	BASORTRAY 39
2/4002	BASORTRAY 39
2/4006	BASORTRAY 35
2/4007	BASORTRAY 35
2/4008	BASORTRAY 35
2/4009	BASORTRAY 35
2/4010	BASORTRAY 35
2/4011	BASORTRAY 35
2/4012	BASORTRAY 35
2/4013	BASORTRAY 35
2/4014	BASORTRAY 35
2/4024	BASORTRAY 37
2/4025	BASORTRAY 37
2/4026	BASORTRAY 37
2/4027	BASORTRAY 37
2/4028	BASORTRAY 37
2/4029	BASORTRAY 37
2/4030	BASORTRAY 37
2/4031	BASORTRAY 37
2/4032	BASORTRAY 37
2/4033	BASORTRAY 38
2/4034	BASORTRAY 38
2/4035	BASORTRAY 38
2/4036	BASORTRAY 38
2/4037	BASORTRAY 38
2/4038	BASORTRAY 38
2/4039	BASORTRAY 38
2/4040	BASORTRAY 38
2/4041	BASORTRAY 38
2/4203	BASORCANAL 7
2/4229	BASORTRAY 36
2/4230	BASORTRAY 36
2/4231	BASORTRAY 36
2/4232	BASORTRAY 36

REF.	Family / Pg.
2/4233	BASORTRAY 36
2/4234	BASORTRAY 36
2/4239	BASORTRAY 36
2/4240	BASORTRAY 36
2/4241	BASORTRAY 36
2/4242	BASORTRAY 36
2/4243	BASORTRAY 36
2/4244	BASORTRAY 36
2/4245	BASORTRAY 36
2/4246	BASORTRAY 36
2/4247	BASORTRAY 36
2/4248	BASORTRAY 36
2/4249	BASORTRAY 36
2/4250	BASORTRAY 36
2/4251	BASORTRAY 36
2/4252	BASORTRAY 36
2/4253	BASORTRAY 36
2/4254	BASORTRAY 36
2/4255	BASORTRAY 36
2/4256	BASORTRAY 36
2/4257	BASORTRAY 36
2/4258	BASORTRAY 36
2/4259	BASORTRAY 36
2/4260	BASORTRAY 36
2/4261	BASORTRAY 36
2/4262	BASORTRAY 36
2/4263	BASORTRAY 36
2/4268	BASORTRAY 36
2/4269	BASORTRAY 36
2/4270	BASORTRAY 36
2/4271	BASORTRAY 36
2/4272	BASORTRAY 36
2/4273	BASORTRAY 36
2/4274	BASORTRAY 36
2/4275	BASORTRAY 36
2/4276	BASORTRAY 36
2/4277	BASORTRAY 36
2/4278	BASORTRAY 36
2/4279	BASORTRAY 36
2/4280	BASORTRAY 36
2/4281	BASORTRAY 36
2/4282	BASORTRAY 36
2/4283	BASORTRAY 36
2/4284	BASORTRAY 36
2/4285	BASORTRAY 36
2/4286	BASORTRAY 36
2/4289	BASORTRAV 68
2/4291	TRUNKING 6
2/4291	BASORFIX 19
2/4306	BASORTRAY 12
2/4317	BASORTRAY 11
2/4319	BASORTRAY 11
2/4321	BASORTRAY 35
2/4322	BASORTRAV 68
2/4356	BASORTRAY 7, 30, 40, 59
2/4356	BASORCANAL 9
2/4360	BASORFIL 12
2/4362	BASORFIL 13

REF.	Family / Pg.
2/4363	BASORFIL 13
2/4364	BASORFIL 12
2/4373	BASORTRAY 11
2/4395	BASORPLAST 23
2/4396	BASORPLAST 23
2/4397	BASORFIL 17
2/4397	BASORSUPPORT 19
2/4407	BASORFIL 7
2/4409	BASORFIL 7
2/4430	BASORTRAV 5, 43
2/4432	BASORTRAV 71
2/4433	BASORTRAV 71
2/4434	BASORTRAV 71
2/4439	BASORTRAY 29
2/4440	BASORTRAY 30
2/4462	BASORFIX 20
2/4464	BASORSUPPORT 8
2/4471	BASORFIX 14
2/4472	BASORTRAV 5, 43
2/4473	BASORTRAV 5, 43
2/4474	BASORTUB 5
2/4494	BASORTRAV 5, 43
2/4502	BASORTRAV 71
2/4504	BASORSUPPORT 24
2/4505	BASORTRAY 46
2/4509	BASORTRAV 5, 43
2/4518	BASORSUPPORT 15
2/4519	BASORSUPPORT 15
2/4523	BASORTRAV 67
2/4524	BASORTRAV 67
2/4525	BASORTRAV 67
2/4530	BASORTRAV 67
2/4531	BASORTRAV 67
2/4535	BASORTRAV 67
2/4536	BASORTRAV 67
2/4537	BASORTRAV 67
2/4541	BASORTRAV 67
2/4542	BASORTRAV 67
2/4543	BASORTRAV 67
2/4548	BASORTRAV 20
2/4549	BASORTRAV 20
2/4556	BASORTRAY 17
2/4560	BASORTRAY 13
2/4560	BASORFIL 5, 8
2/4561	BASORTRAY 13
2/4561	BASORFIL 5, 8
2/4562	BASORTRAY 13
2/4562	BASORFIL 5, 8
2/4564	BASORTRAV 71
2/4565	BASORTRAV 71
2/4566	BASORTRAV 71
2/4567	BASORTRAV 71
2/4568	BASORTRAV 71
2/4569	BASORTRAV 73
2/4570	BASORTRAV 73
2/4571	BASORTRAV 73
2/4596	BASORTRAV 20
2/4626	BASORTRAY 51

REF.	Family / Pg.
2/4632	BASORTRAV 72
2/4633	BASORTRAV 72
2/4634	BASORTRAV 71
2/4641	BASORSUPPORT 10, 16, 20
2/4642	BASORSUPPORT 10
2/4659	BASORTRAY 43
2/4662	BASORTRAV 72
2/4663	BASORTRAV 72
2/4672	BASORFIX 22
2/4673	BASORTRAV 73
2/4682	BASORTRAV 73
2/4688	BASORTRAY 11
2/4691	BASORSUPPORT 8
2/4693	BASORTRAV 71
2/4707	BASORPLAST 22
2/4709	BASORTRAV 67
2/4716	BASORTRAY 13
2/4716	BASORFIL 5, 8
2/4724	BASORTRAY 21
2/4733	BASORSUPPORT 10
2/4734	BASORSUPPORT 10, 16, 20
2/4752	BASORTRAY 19
2/4753	BASORTRAY 19
2/4777	BASORTRAY 19
2/4778	BASORTRAY 19
2/4794	BASORTRAV 20
2/4795	BASORTRAY 11
2/4800	BASORPLAST 23
2/4838	BASORPLAST 23
2/4839	BASORTRAY 43
2/4840	BASORTRAY 43
2/4864	BASORTRAY 47
2/4865	BASORTRAY 47
2/4866	BASORCANAL 8
2/4867	BASORCANAL 7
2/4894	BASORTRAY 43
2/4898	BASORPLAST 19
2/4902	BASORTUB 7
2/4905	BASORTRAY 53
2/4906	BASORTRAY 53
2/4907	BASORTRAY 12
2/4908	BASORTRAY 21
2/4909	BASORTRAY 23
2/4915	BASORFIL 12
2/4919	BASORFIL 13
2/4921	BASORFIL 13
2/4923	BASORFIL 13
2/4925	BASORTRAY 30, 47, 51, 56, 59
2/4925	BASORCANAL 13
2/4931	BASORTRAY 13
2/4931	BASORFIL 5, 8
2/4933	BASORTRAY 11
2/4937	BASORTRAV 5, 43
2/4938	BASORSUPPORT 10, 16, 20
2/4939	BASORSUPPORT 10
2/4953	BASORFIL 8
2/4954	BASORTRAV 12
2/4958	BASORSUPPORT 10

REF.	Family / Pg.
2/4959	BASORFIL 8
2/4960	BASORFIL 8
2/4961	BASORFIL 8
2/4964	BASORPLAST 19
2/4973	BASORTRAY 47
2/4974	BASORTRAY 47
2/4977	BASORTRAY 47
2/4978	BASORTRAY 47
2/4979	BASORTRAY 47
2/5024	BASORTRAY 21
2/5025	BASORTRAY 23
2/5028	BASORTRAY 12
2/5029	BASORTRAY 12
2/5030	BASORTRAY 11
2/5036	BASORPLAST 13, 24
2/5037	BASORPLAST 13, 24
2/5038	BASORPLAST 13, 24
2/5047	BASORTRAV 62
2/5055	BASORTRAY 29
2/5059	BASORFIL 14
2/5060	BASORFIL 14
2/5066	BASORFIL 19
2/5067	BASORTRAV 71
2/5068	BASORTRAV 72
2/5069	BASORTRAV 72
2/5070	BASORTRAV 72
2/5086	BASORSUPPORT 10
2/5091	BASORPLAST 20
2/5092	BASORPLAST 20
2/5093	BASORFIL 14
2/5113	BASORTRAV 63
2/5114	BASORTRAV 61
2/5115	BASORTRAV 63
2/5116	BASORTRAV 62
2/5123	BASORTRAY 13
2/5123	BASORFIL 5, 8
2/5125	BASORPLAST 23
2/5138	BASORTRAY 28,40
2/5138	BASORFIL 19
2/5157	BASORTRAY 21
2/5158	BASORTRAY 23
2/5163	BASORTRAV 62
2/5184	BASORCANAL 11
2/5185	BASORCANAL 12
2/5186	BASORCANAL 12
2/5188	BASORPLAST 21
2/5189	BASORPLAST 21
2/5190	BASORPLAST 21
2/5191	BASORPLAST 21
2/5192	BASORPLAST 22
2/5193	BASORPLAST 22
2/5194	BASORPLAST 21
2/5195	BASORPLAST 21
2/5196	BASORTRAY 12
2/5197	BASORTRAY 12
2/5198	BASORPLAST 21
2/5199	BASORPLAST 21
2/5200	BASORPLAST 21

REF.	Family / Pg.
2/5201	BASORPLAST 21
2/5202	BASORPLAST 22
2/5203	BASORPLAST 22
2/5204	BASORPLAST 22
2/5205	BASORPLAST 22
2/5206	BASORTUB 5
2/5207	BASORPLAST 22
2/5208	BASORPLAST 22
2/5209	BASORPLAST 22
2/5210	BASORPLAST 22
2/5211	BASORPLAST 22
2/5212	BASORPLAST 22
2/5213	BASORPLAST 22
2/5214	BASORPLAST 22
2/5215	BASORPLAST 22
2/5216	BASORPLAST 22
2/5217	BASORPLAST 22
2/5218	BASORPLAST 22
2/5219	BASORPLAST 23
2/5220	BASORPLAST 23
2/5221	BASORPLAST 23
2/5222	BASORTRAV 6
2/5223	BASORTRAV 6
2/5224	BASORTRAV 6
2/5225	BASORTRAV 6
2/5226	BASORTRAV 6
2/5227	BASORTRAV 6
2/5228	BASORTRAV 6
2/5298	BASORTRAY 29
2/5317	BASORTRAY 19
2/5357	BASORTRAY 13
2/5357	BASORFIL 5, 8
2/5358	BASORFIL 12
2/5392	BASORTRAV 8, 48, 69, 94
2/5399	FIBERTRAV 24
2/5496	BASORTRAV 61
2/5497	BASORTRAV 62
2/5498	BASORTRAV 62
2/5505	FIBERTRAV 25
2/5506	FIBERTRAV 25
2/5513	BASORTRAY 46
2/5523	BASORTRAV 63
2/5525	BASORSUPPORT 9
2/5534	TRUNKING 6
2/5535	BASORFIX 20
2/5543	BASORFIX 13
2/5545	BASORFIX 21
2/5573	BASORFIX 4
2/5574	BASORFIX 6
2/5590	BASORFIL 17
2/5590	BASORSUPPORT 19
2/5594	BASORFIL 9
2/5598	BASORTRAV 62
2/5599	BASORTRAV 63
2/5602	BASORFIL 18
2/5602	BASORSUPPORT 19
2/5608	BASORTRAV 62
2/5611	BASORTRAV 62

REF.	Family / Pg.
2/5618	BASORTRAV 71
2/5621	BASORSUPPORT 10, 16, 20
2/5622	BASORFIX 6
2/5624	BASORTRAV 64
2/5624	BASORFIX 18
2/5627	BASORSUPPORT 16
2/5627	BASORFIX 12
2/5641	BASORTRAV 73
2/5642	BASORTRAV 73
2/5646	BASORTRAY 56
2/5648	BASORTRAV 61
2/5649	BASORTRAV 61
2/5650	BASORTRAV 61
2/5651	BASORTRAV 62
2/5652	BASORTRAV 62
2/5653	BASORTRAV 62
2/5654	BASORTRAV 63
2/5655	BASORTRAV 63
2/5692	BASORTRAY 47
2/5701	BASORSUPPORT 24
2/5708	BASORTRAV 72
2/5709	BASORTRAV 72
2/5719	BASORSUPPORT 14, 19
2/5720	BASORSUPPORT 14, 19
2/5724	BASORFIL 15
2/5725	BASORTRAY 56
2/5740	BASORTRAY 30
2/5791	BASORTRAY 43
2/5801	BASORTRAV 71
2/5802	BASORTRAV 71
2/5803	BASORTRAV 71
2/5804	BASORTRAV 72
2/5805	BASORTRAV 72
2/5806	BASORTRAV 72
2/5807	BASORTRAV 72
2/5808	BASORTRAV 72
2/5809	BASORTRAV 72
2/5810	BASORTRAV 72
2/5811	BASORTRAV 73
2/5812	BASORTRAV 73
2/5813	BASORTRAV 73
2/5814	BASORTRAV 73
2/5821	BASORTRAV 72
2/5822	BASORTRAV 72
2/5823	BASORTRAV 72
2/5824	BASORTRAV 72
2/5825	BASORTRAV 73
2/5826	BASORTRAV 73
2/5834	BASORFIL 16
2/5836	BASORTRAV 62
2/5837	BASORTRAV 62
2/5838	BASORTRAV 62
2/5840	BASORTRAV 62
2/5841	BASORTRAV 62
2/5842	BASORTRAV 63
2/5843	BASORTRAV 63
2/5852	BASORTRAV 61
2/5853	BASORTRAV 61

REF.	Family / Pg.
2/5854	BASORTRAV 63
2/5855	BASORTRAV 63
2/5881	BASORSUPPORT 11
2/5906	BASORFIL 17
2/5907	BASORCANAL 8
2/5908	BASORCANAL 5
2/5931	BASORCANAL 8
2/5941	BASORSUPPORT 14, 19
2/5953	BASORSUPPORT 10
2/5960	BASORTRAV 67
2/5965	BASORTRAY 46
2/5966	BASORTRAY 46
2/5967	BASORTRAY 46
2/5968	BASORTRAY 46
2/5977	BASORTRAY 45
2/6008	BASORTRAY 18
2/6009	BASORTRAY 18
2/6010	BASORTRAY 18
2/6012	BASORTRAY 18
2/6021	BASORCANAL 11
2/6022	BASORCANAL 12
2/6023	BASORCANAL 12
2/6024	BASORTRAV 68
2/6043	BASORFIL 8
2/6044	BASORFIL 9
2/6056	BASORSUPPORT 17, 26
2/6057	BASORSUPPORT 11, 27
2/6058	BASORSUPPORT 11, 27
2/6059	BASORTRAV 12
2/6060	BASORTRAV 12
2/6061	BASORTRAV 12
2/6062	BASORTRAV 12
2/6180	BASORTRAY 19
2/6199	BASORTRAY 18
2/6207	BASORTRAV 67
2/6209	BASORTRAY 29
2/6215	BASORTRAV 12
2/6216	BASORTRAV 12
2/6217	BASORFIL 12
2/6219	BASORFIL 12
2/6239	BASORTRAV 12
2/6240	BASORSUPPORT 8, 14
2/6249	BASORTRAV 12
2/6250	BASORSUPPORT 10
2/6251	BASORSUPPORT 10
2/6254	BASORTRAV 67
2/6258	BASORFIX 22
2/6259	BASORSUPPORT 11, 27
2/6261	BASORTRAY 54
2/6266	BASORTRAY 54
2/6267	BASORTRAY 55
2/6268	BASORTRAY 55
2/6270	BASORTRAY 55
2/6271	BASORSUPPORT 11, 27
2/6272	BASORSUPPORT 10, 16, 20
2/6273	BASORSUPPORT 10, 16, 20
2/6274	BASORSUPPORT 10, 16, 20
2/6275	BASORSUPPORT 11, 27

REF.	Family / Pg.
2/6276	BASORSUPPORT 11, 27
2/6277	BASORSUPPORT 11, 27
2/6280	BASORSUPPORT 14, 19
2/6285	BASORSUPPORT 14
2/6286	BASORSUPPORT 14
2/6287	BASORSUPPORT 14
2/6288	BASORSUPPORT 14
2/6289	BASORSUPPORT 11
2/6290	BASORTRAY 27
2/6291	BASORTRAY 27
2/6292	BASORTRAY 27
2/6293	BASORTRAY 27
2/6294	BASORTRAY 27
2/6295	BASORTRAY 27
2/6296	BASORTRAY 27
2/6297	BASORTRAY 27
2/6298	BASORTRAY 27
2/6299	BASORTRAY 27
2/6300	BASORTRAY 27
2/6301	BASORTRAY 27
2/6302	BASORTRAY 27
2/6303	BASORTRAY 27
2/6304	BASORTRAY 27
2/6305	BASORTRAY 27
2/6311	BASORFIX 8
2/6312	BASORFIX 8
2/6313	BASORFIX 9
2/6314	BASORFIX 9
2/6315	BASORFIX 10
2/6316	BASORFIX 10
2/6317	BASORFIX 10
2/6318	BASORSUPPORT 8, 14
2/6320	BASORSUPPORT 27
2/6323	BASORFIX 20
2/6327	BASORTRAY 29
2/6332	BASORFIX 12
2/6338	BASORTRAY 46
2/6340	BASORSUPPORT 10
2/6342	BASORSUPPORT 11, 27
2/6343	BASORFIL 17
2/6344	BASORTRAV 67
2/6345	BASORSUPPORT 11, 17
2/6346	BASORSUPPORT 11, 17
2/6347	BASORSUPPORT 11, 17
2/6348	BASORSUPPORT 11, 17
2/6349	BASORSUPPORT 11, 17
2/6350	BASORSUPPORT 11, 17, 26
2/6352	BASORTRAV 71
2/6353	BASORTRAV 72
2/6354	BASORTRAV 72
2/6355	BASORTRAV 71
2/6357	BASORPLAST 20
2/6360	BASORCANAL 11
2/6365	BASORFIX 4
2/6366	BASORFIX 4
2/6372	BASORSUPPORT 8
2/6373	BASORSUPPORT 8
2/6374	BASORSUPPORT 8

REF.	Family / Pg.
2/6375	BASORSUPPORT 8
2/6376	BASORSUPPORT 8
2/6377	BASORSUPPORT 8
2/6378	BASORSUPPORT 8
2/6379	BASORSUPPORT 8
2/6380	BASORSUPPORT 8
2/6381	BASORSUPPORT 8
2/6382	BASORSUPPORT 8
2/6383	BASORSUPPORT 8
2/6384	BASORSUPPORT 8
2/6385	BASORSUPPORT 8
2/6407	BASORFIL 7
2/6416	BASORTRAY 29
2/6419	BASORFIX 22
2/6420	BASORFIX 22
2/6437	BASORTRAV 51
2/6439	BASORTRAV 51
2/6445	BASORTRAV 59
2/6447	BASORTRAV 59
2/6449	BASORTRAV 59
2/6451	BASORFIL 17
2/6452	BASORFIL 17
2/6453	BASORTUB 8
2/6454	BASORTUB 8
2/6455	BASORTUB 8
2/6456	BASORTUB 8
2/6457	BASORTUB 8
2/6458	BASORTUB 8
2/6459	BASORTUB 8
2/6460	BASORTUB 9
2/6461	BASORTUB 9
2/6462	BASORTUB 9
2/6463	BASORTUB 9
2/6464	BASORTUB 9
2/6465	BASORTUB 9
2/6466	BASORTUB 9
2/6468	BASORFIX 22
2/6469	BASORFIX 22
2/6471	BASORFIX 7
2/6472	BASORSUPPORT 26
2/6472	BASORFIX 6
2/6473	BASORFIX 7
2/6474	BASORFIX 8
2/6475	BASORFIX 7
2/6477	BASORFIX 8
2/6478	TRUNKING 5
2/6495	BASORSUPPORT 10
2/6502	BASORFIX 20
2/6503	BASORTRAY 21
2/6513	TRUNKING 6
2/6516	BASORFIL 7
2/6517	BASORFLEX 4
2/6518	BASORFLEX 4
2/6519	BASORFLEX 4
2/6520	BASORFLEX 4
2/6521	BASORFLEX 4
2/6522	BASORFLEX 4
2/6523	BASORFLEX 4

REF.	Family / Pg.
2/6524	BASORFLEX 4
2/6525	BASORFLEX 4
2/6526	BASORFLEX 4
2/6527	BASORFLEX 4
2/6528	BASORFLEX 4
2/6529	BASORFLEX 4
2/6530	BASORFLEX 4
2/6531	BASORFLEX 4
2/6532	BASORFLEX 4
2/6533	BASORFLEX 4
2/6534	BASORFLEX 4
2/6597	BASORFLEX 5
2/6598	BASORFLEX 5
2/6599	BASORFLEX 5
2/6600	BASORFLEX 5
2/6601	BASORFLEX 5
2/6602	BASORFLEX 5
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2/6612	BASORFLEX 5
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2/6615	BASORFLEX 5
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2/6617	BASORFLEX 5
2/6618	BASORFLEX 5
2/6619	BASORFLEX 5
2/6620	BASORFLEX 5
2/6621	BASORFLEX 5
2/6622	BASORFLEX 5
2/6623	BASORFLEX 5
2/6624	BASORFLEX 5
2/6625	BASORFLEX 5
2/6626	BASORFLEX 5
2/6627	BASORFLEX 5
2/6628	BASORFLEX 5
2/6629	BASORFLEX 5
2/6630	BASORFLEX 5
2/6631	BASORFLEX 5
2/6632	BASORFLEX 5
2/6633	BASORFLEX 5
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2/6636	BASORFLEX 5
2/6637	BASORFLEX 5
2/6638	BASORFLEX 5
2/6639	BASORFLEX 5
2/6640	BASORFLEX 5
2/6641	BASORFLEX 5
2/6642	BASORFLEX 5
2/6643	BASORFLEX 5

REF.	Family / Pg.
2/6644	BASORFLEX 5
2/6645	BASORFLEX 5
2/6646	BASORFLEX 5
2/6647	BASORFLEX 5
2/6648	BASORFLEX 5
2/6649	BASORFLEX 5
2/6650	BASORFLEX 5
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2/6652	BASORFLEX 5
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2/6658	BASORFLEX 5
2/6659	BASORFLEX 5
2/6660	BASORFLEX 5
2/6661	BASORFLEX 6
2/6662	BASORFLEX 6
2/6663	BASORFLEX 6
2/6664	BASORFLEX 6
2/6665	BASORFLEX 6
2/6666	BASORFLEX 6
2/6667	BASORFLEX 6
2/6668	BASORFLEX 6
2/6669	BASORFLEX 6
2/6670	BASORFLEX 6
2/6671	BASORFLEX 6
2/6672	BASORFLEX 6
2/6673	BASORFLEX 6
2/6674	BASORFLEX 6
2/6675	BASORFLEX 6
2/6676	BASORFLEX 6
2/6677	BASORFLEX 6
2/6678	BASORFLEX 6
2/6679	BASORFLEX 6
2/6680	BASORFLEX 6
2/6681	BASORFLEX 6
2/6682	BASORFLEX 6
2/6683	BASORFLEX 6
2/6684	BASORFLEX 6
2/6685	BASORFLEX 6
2/6686	BASORFLEX 6
2/6687	BASORFLEX 6
2/6688	BASORFLEX 6
2/6689	BASORFLEX 6
2/6690	BASORFLEX 6
2/6691	BASORFLEX 6
2/6692	BASORFLEX 6
2/6693	BASORFLEX 6
2/6694	BASORFLEX 6
2/6695	BASORFLEX 6
2/6696	BASORFLEX 6
2/6697	BASORFLEX 6
2/6698	BASORFLEX 6
2/6709	BASORFLEX 6
2/6710	BASORFLEX 6
2/6711	BASORFLEX 6

REF.	Family / Pg.
2/6712	BASORFLEX 6
2/6713	BASORFLEX 6
2/6714	BASORFLEX 6
2/6715	BASORFLEX 6
2/6716	BASORFLEX 6
2/6717	BASORFLEX 6
2/6718	BASORFLEX 6
2/6719	BASORFLEX 6
2/6720	BASORFLEX 6
2/6721	BASORFLEX 6
2/6722	BASORFLEX 6
2/6723	BASORFLEX 6
2/6724	BASORFLEX 6
2/6725	BASORFLEX 6
2/6726	BASORFLEX 6
2/6727	BASORFLEX 6
2/6728	BASORFLEX 6
2/6732	BASORTUB 9
2/6733	BASORTUB 9
2/6734	BASORTUB 9
2/6735	BASORTUB 9
2/6736	BASORTUB 9
2/6737	BASORTUB 9
2/6738	BASORTUB 9
2/6739	BASORTUB 9
2/6740	BASORTUB 9
2/6741	BASORTUB 9
2/6742	BASORTUB 9
2/6743	BASORTUB 9
2/6744	BASORTUB 9
2/6745	BASORTUB 9
2/6746	BASORTUB 10
2/6747	BASORTUB 10
2/6748	BASORTUB 10
2/6749	BASORTUB 10
2/6750	BASORTUB 10
2/6751	BASORTUB 10
2/6753	BASORTUB 10
2/6754	BASORTUB 10
2/6755	BASORTUB 10
2/6756	BASORTUB 10
2/6757	BASORTUB 10
2/6758	BASORTUB 10
2/6760	BASORTUB 10
2/6761	BASORTUB 10
2/6762	BASORCANAL 11
2/6775	TRUNKING 5
2/6777	TRUNKING 5
2/6778	TRUNKING 5
2/6779	BASORPLAST 26
2/6780	BASORPLAST 26
2/6781	BASORPLAST 26
2/6782	BASORPLAST 26
2/6784	BASORSUPPORT 23
2/6785	BASORSUPPORT 23
2/6786	BASORSUPPORT 24
2/6787	BASORSUPPORT 24
2/6788	TRUNKING 5

REF.	Family / Pg.
2/6789	TRUNKING 5
2/6790	TRUNKING 5
2/6792	BASORTRAV 8, 48, 94
2/6793	BASORSUPPORT 23
2/6794	BASORFIX 24
2/6795	BASORFIX 24
2/6796	BASORFIX 23
2/6797	BASORFIX 23
2/6799	BASORTRAV 6
2/6800	BASORTRAV 6
2/6801	BASORTRAV 6
2/6802	BASORTRAV 6
2/6803	BASORTRAV 48
2/6804	BASORTRAV 48
2/6805	BASORTRAV 48
2/6806	BASORTRAV 48
2/6807	BASORTRAV 48
2/6808	BASORTRAV 48
2/6809	BASORTRAV 48
2/6810	BASORTRAV 48
2/6811	BASORTUB 10
2/6812	BASORTUB 10
2/6813	BASORTUB 10
2/6814	BASORTUB 10
2/6815	BASORTUB 10
2/6817	BASORTRAY 23
2/6818	BASORCANAL 9
2/6819	BASORTUB 9
2/6820	BASORTUB 9
2/6821	BASORTUB 9
2/6822	BASORTUB 9
2/6823	BASORTUB 9
2/6824	BASORTUB 9
2/6826	BASORTRAY 7, 30, 40, 47, 51
2/6828	BASORSUPPORT 11
2/6854	BASORTRAV 11
2/6855	BASORTRAV 11
2/6856	BASORTRAV 11
2/6857	BASORTRAV 11
2/6858	BASORTRAV 11
2/6859	BASORTRAV 11
2/6860	BASORTRAV 11
2/6861	BASORTRAV 11
2/6862	BASORTRAV 11
2/6863	BASORTRAV 11
2/6864	BASORTRAV 11
2/6865	BASORTRAV 11
2/6866	BASORSUPPORT 9
2/6867	BASORSUPPORT 9
2/6868	BASORSUPPORT 9
2/6869	BASORSUPPORT 9
2/6870	BASORSUPPORT 9
2/6871	BASORSUPPORT 9
2/6872	BASORSUPPORT 9
2/6880	BASORTRAV 16
2/6881	BASORTRAV 16
2/6882	BASORTRAV 16
2/6883	BASORTRAV 16

REF.	Family / Pg.
2/6884	BASORTRAV 16
2/6885	BASORTRAV 16
2/6886	BASORTRAV 16
2/6887	BASORTRAV 16
2/6888	BASORTRAV 16
2/6889	BASORTRAV 16
2/6890	BASORTRAV 16
2/6891	BASORTRAV 16
2/6892	BASORTRAV 20
2/6893	BASORTRAV 20
2/6894	BASORTRAV 20
2/6895	BASORTRAV 20
2/6896	BASORTRAV 20
2/6897	BASORTRAV 20
2/6898	BASORTRAV 20
2/6899	BASORTRAV 20
2/6900	BASORTRAV 20
2/6901	BASORTRAV 20
2/6902	BASORTRAV 20
2/6903	BASORTRAV 20
2/6904	BASORTRAV 24
2/6905	BASORTRAV 24
2/6906	BASORTRAV 24
2/6907	BASORTRAV 24
2/6908	BASORTRAV 24
2/6909	BASORTRAV 24
2/6910	BASORTRAV 24
2/6911	BASORTRAV 24
2/6912	BASORTRAV 24
2/6913	BASORTRAV 24
2/6914	BASORTRAV 24
2/6915	BASORTRAV 24
2/6916	BASORTRAV 27
2/6917	BASORTRAV 27
2/6918	BASORTRAV 27
2/6919	BASORTRAV 27
2/6920	BASORTRAV 27
2/6921	BASORTRAV 27
2/6922	BASORTRAV 27
2/6923	BASORTRAV 27
2/6924	BASORTRAV 27
2/6925	BASORTRAV 27
2/6926	BASORTRAV 27
2/6927	BASORTRAV 27
2/6928	BASORTRAV 28
2/6929	BASORTRAV 28
2/6930	BASORTRAV 28
2/6931	BASORTRAV 28
2/6932	BASORTRAV 28
2/6933	BASORTRAV 28
2/6934	BASORTRAV 28
2/6935	BASORTRAV 28
2/6936	BASORTRAV 28
2/6937	BASORTRAV 28
2/6938	BASORTRAV 28
2/6939	BASORTRAV 28
2/6940	BASORTRAV 47
2/6941	BASORTRAV 47

REF.	Family / Pg.
2/6942	BASORTRAV 47
2/6943	BASORTRAV 47
2/6944	BASORTRAV 47
2/6945	BASORTRAV 47
2/6947	BASORSUPPORT 17, 26
2/6948	BASORFIX 11
2/6950	BASORTRAY 6
2/6951	BASORTRAY 6
2/6952	BASORTRAY 6
2/6954	BASORTRAV 48
2/6955	BASORTRAV 48
2/6956	BASORTRAV 48
2/6957	BASORTRAV 48
2/6958	BASORTRAV 48
2/6959	BASORTRAV 48
2/6960	BASORTRAV 48
2/6961	BASORTRAV 48
2/6962	BASORTRAV 54
2/6964	BASORTRAV 54
2/6968	BASORTRAV 55
2/6970	BASORTRAV 55
2/6974	BASORTRAV 56
2/6976	BASORTRAV 56
2/6980	BASORTRAV 57
2/6982	BASORTRAV 57
2/6986	BASORTRAV 58
2/6988	BASORTRAV 58
2/6992	BASORTRAV 12
2/6995	BASORTUB 11
2/6996	BASORTUB 11
2/6997	BASORTUB 11
2/6998	BASORTUB 11
2/6999	BASORTUB 11
2/7000	BASORTUB 11
2/7003	BASORTRAV 12
2/7004	BASORTRAV 12
2/7005	BASORTRAV 12
2/7006	BASORTRAV 12
2/7007	BASORCANAL 11
2/7008	BASORCANAL 11
2/7009	BASORCANAL 11
2/7010	BASORCANAL 11
2/7011	BASORFIX 11
2/7018	BASORTRAY 30
2/7018	BASORFIL 14
2/7020	BASORFIX 6
2/7021	BASORFIX 21
2/7022	BASORFIX 21
2/7023	BASORFIX 21
2/7024	BASORTRAV 12
2/7025	BASORTRAV 12
2/7026	BASORTRAV 12
2/7027	BASORTRAV 12
2/7028	BASORTRAV 12
2/7029	BASORTRAV 12
2/7030	BASORTRAV 12
2/7031	BASORTRAV 12
2/7032	BASORTRAV 12

REF.	Family / Pg.
2/7033	BASORTRAV 12
2/7034	BASORTRAV 12
2/7035	BASORTRAV 12
2/7036	BASORTRAV 22
2/7037	BASORTRAV 22
2/7038	BASORTRAV 26
2/7039	BASORTRAV 26
2/7040	BASORCANAL 11
2/7041	BASORCANAL 11
2/7042	BASORCANAL 11
2/7043	BASORCANAL 11
2/7044	BASORCANAL 11
2/7045	BASORCANAL 12
2/7046	BASORCANAL 12
2/7047	BASORCANAL 12
2/7048	BASORCANAL 12
2/7049	BASORCANAL 12
2/7050	BASORCANAL 12
2/7051	BASORCANAL 12
2/7052	BASORSUPPORT 27
2/7053	BASORCANAL 12
2/7054	BASORTRAV 7, 45
2/7058	BASORSUPPORT 26
2/7058	BASORFIX 6
2/7059	BASORTRAY 9, 18
2/7060	BASORTRAY 9, 18
2/7061	BASORTRAY 9, 18
2/7062	BASORTRAY 9, 18
2/7063	BASORPLAST 20
2/7064	BASORPLAST 20
2/7065	BASORPLAST 20
2/7066	BASORPLAST 20
2/7067	BASORPLAST 20
2/7068	BASORPLAST 20
2/7069	BASORPLAST 20
2/7070	BASORSUPPORT 23
2/7071	BASORSUPPORT 23
2/7073	BASORFIX 18
2/7074	BASORSUPPORT 23
2/7077	BASORCANAL 12
2/7078	BASORCANAL 12
2/7082	BASORFIX 12
2/7103	BASORTRAY 20
2/7104	BASORTRAY 20
2/7105	BASORTRAY 20
2/7106	BASORTRAY 20
2/7107	BASORTRAY 20
2/7108	BASORTRAY 20
2/7109	BASORTRAY 20
2/7110	BASORTRAY 20
2/7111	BASORTRAY 22
2/7112	BASORTRAY 22
2/7113	BASORTRAY 22
2/7114	BASORTRAY 22
2/7115	BASORTRAY 22
2/7116	BASORTRAY 22
2/7117	BASORTRAY 22
2/7118	BASORTRAY 22

REF.	Family / Pg.
2/7119	BASORTRAY 24
2/7120	BASORTRAY 24
2/7121	BASORTRAY 24
2/7122	BASORTRAY 24
2/7123	BASORTRAY 24
2/7124	BASORTRAY 24
2/7125	BASORTRAY 24
2/7126	BASORTRAY 24
2/7127	BASORFIX 9
2/7132	BASORFIL 13
2/7133	BASORTRAV 64
2/7134	BASORPLAST 26
2/7135	BASORPLAST 26
2/7142	BASORSUPPORT 15, 20
2/7143	BASORSUPPORT 15, 20
2/7144	BASORSUPPORT 15, 20
2/7145	BASORPLAST 29
2/7146	BASORPLAST 29
2/7147	BASORPLAST 29
2/7148	BASORPLAST 29
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2/7173	BASORPLAST 29
2/7174	BASORPLAST 29
2/7175	BASORPLAST 29
2/7176	BASORPLAST 29
2/7177	BASORPLAST 29
2/7178	BASORPLAST 29
2/7179	BASORPLAST 29
2/7201	BASORPLAST 6
2/7203	BASORPLAST 27
2/7204	BASORTRAY 30
2/7205	BASORTRAY 30
2/7206	BASORTRAY 30
2/7207	BASORTRAY 30
2/7208	BASORTRAY 30
2/7209	BASORTRAY 30

REF.	Family / Pg.
2/7210	BASORTRAY 30
2/7211	BASORSUPPORT 11
2/7213	BASORCANAL 12
2/7214	BASORFIX 15
2/7215	BASORSUPPORT 11
2/7216	BASORCANAL 12
2/7217	BASORTUB 8
2/7218	BASORTUB 8
2/7219	BASORTUB 8
2/7220	BASORTUB 8
2/7221	BASORTUB 8
2/7222	BASORTUB 8
2/7223	BASORTUB 8
2/7224	BASORFIL 19
2/7225	BASORCANAL 12
2/7227	BASORFIX 15
2/7228	BASORPLAST 16, 27
2/7230	BASORSUPPORT 8
2/7231	BASORSUPPORT 8
2/7232	BASORSUPPORT 8
2/7233	BASORSUPPORT 8
2/7234	BASORSUPPORT 14
2/7235	BASORSUPPORT 14
2/7236	BASORSUPPORT 14
2/7237	BASORSUPPORT 14
2/7238	BASORSUPPORT 14
2/7239	BASORSUPPORT 8
2/7240	BASORSUPPORT 8
2/7241	BASORSUPPORT 8
2/7242	BASORSUPPORT 8
2/7243	BASORSUPPORT 14
2/7244	BASORSUPPORT 14
2/7245	BASORSUPPORT 14
2/7246	BASORSUPPORT 14
2/7247	BASORSUPPORT 14
2/7248	BASORFIL 5
2/7249	BASORFIL 5
2/7250	BASORFIL 5
2/7251	BASORFIL 5
2/7256	BASORFIL 17
2/7257	BASORPLAST 29
2/7258	BASORPLAST 29
2/7259	BASORPLAST 29
2/7260	BASORPLAST 29
2/7261	BASORPLAST 29
2/7262	BASORPLAST 29
2/7263	BASORPLAST 29
2/7264	BASORSUPPORT 25
2/7265	BASORSUPPORT 25
2/7266	BASORSUPPORT 25
2/7267	BASORSUPPORT 25
2/7268	BASORSUPPORT 25
2/7269	BASORSUPPORT 24
2/7270	BASORSUPPORT 24
2/7271	BASORFIL 12
2/7272	BASORFIL 12
2/7273	BASORTRAY 15
2/7274	BASORTRAY 15

REF.	Family / Pg.
2/7275	BASORTRAY 15
2/7276	BASORTRAY 15
2/7277	BASORTRAY 15
2/7278	BASORTRAY 15
2/7279	BASORTRAY 15
2/7280	BASORSUPPORT 15
2/7281	BASORSUPPORT 24
2/7282	BASORFIX 16
2/7283	BASORFIX 16
2/7284	BASORFIX 16
2/7285	BASORFIX 16
2/7286	BASORFIX 16
2/7287	BASORFIX 16
2/7288	BASORFIX 16
2/7289	BASORFIX 16
2/7290	BASORFIX 16
2/7291	BASORFIX 16
2/7292	BASORFIX 16
2/7293	BASORFIX 16
2/7294	BASORFIX 16
2/7295	BASORFIX 16
2/7296	BASORFIX 16
2/7297	BASORSUPPORT 23
2/7300	BASORPLAST 29
2/7301	BASORPLAST 29
2/7302	BASORPLAST 29
2/7303	BASORPLAST 29
2/7304	BASORFIL 18
2/7305	BASORFIL 11
2/7306	BASORFIL 11
2/7307	BASORFIL 11
2/7308	BASORFIL 11
2/7309	BASORFIL 11
2/7310	BASORFIL 11
2/7311	BASORFIL 11
2/7312	BASORFIL 11
2/7313	BASORFIL 11
2/7314	BASORFIL 11
2/7315	BASORFIL 11
2/7316	BASORFIL 11
2/7325	BASORSUPPORT 10, 17
2/7326	BASORFIL 11
2/7327	BASORFIL 11
2/7328	BASORFIL 11
2/7329	BASORFIL 11
2/7330	BASORFIL 11
2/7331	BASORFIL 11
2/7332	BASORFIL 11
2/7333	BASORFIL 11
2/7334	BASORFIL 11
2/7335	BASORFIL 11
2/7336	BASORFIL 11
2/7337	BASORFIL 11
2/7338	BASORTUB 5
2/7339	BASORTUB 5
2/7340	BASORTUB 5
2/7341	BASORTUB 5
2/7342	BASORTUB 5

REF.	Family / Pg.
2/7343	BASORTUB 5
2/7344	BASORTUB 5
2/7345	BASORTUB 5
2/7346	BASORTUB 5
2/7347	BASORTUB 5
2/7348	BASORTUB 5
2/7349	BASORTUB 5
2/7350	BASORTUB 5
2/7351	BASORTUB 5
2/7352	BASORFIX 17
2/7353	BASORFIX 17
2/7354	BASORFIX 17
2/7355	BASORFIX 17
2/7356	BASORFIX 17
2/7357	BASORFIX 17
2/7358	BASORFIX 17
2/7359	BASORFIX 17
2/7360	BASORFIX 17
2/7361	BASORFIX 17
2/7362	BASORFIX 17
2/7363	BASORFIX 17
2/7364	BASORFIX 17
2/7365	BASORFIX 17
2/7366	BASORFIX 17
2/7367	BASORFIX 17
2/7368	BASORFIX 17
2/7369	BASORFIX 17
2/7370	BASORFIX 17
2/7371	BASORFIX 17
2/7379	BASORTUB 7
2/7380	BASORTUB 7
2/7381	BASORTUB 7
2/7382	BASORTUB 7
2/7383	BASORTUB 7
2/7384	BASORTUB 7
2/7385	BASORTUB 7
2/7388	BASORFIX 4
2/7389	BASORFIL 5
2/7390	BASORTRAY 19
2/7391	BASORTRAY 19
2/7392	BASORTRAY 21
2/7393	BASORTRAY 21
2/7394	BASORFIL 5
2/7395	BASORFIL 5
2/7396	BASORFIL 5
2/7397	BASORFIL 5
2/7398	BASORFIL 5
2/7399	BASORFIL 5
2/7400	BASORFIL 5
2/7401	BASORFIL 5
2/7403	BASORPLAST 26
2/7404	BASORPLAST 27
2/7409	BASORTRAY 15
2/7410	BASORTRAY 15
2/7411	BASORTRAY 15
2/7412	BASORTRAY 15
2/7413	BASORTRAY 15
2/7414	BASORTRAY 15

REF.	Family / Pg.
2/7415	BASORFIL 7
2/7416	BASORFIL 7
2/7417	BASORFIL 7
2/7418	BASORFIL 7
2/7419	BASORFIL 8
2/7420	BASORFIL 8
2/7421	BASORFIL 8
2/7422	BASORFIL 8
2/7423	BASORFIL 8
2/7424	BASORFIL 8
2/7425	BASORFIL 8
2/7426	BASORFIL 8
2/7427	BASORFIL 8
2/7428	BASORFIL 8
2/7429	BASORFIL 8
2/7430	BASORFIL 8
2/7431	BASORFIL 8
2/7432	BASORTUB 10
2/7433	BASORTUB 10
2/7434	BASORTUB 10
2/7435	BASORTUB 10
2/7436	BASORFIX 14
2/7458	BASORTUB 7
2/7459	BASORTUB 7
2/7460	BASORTUB 7
2/7461	BASORTUB 7
2/7462	BASORTUB 7
2/7463	BASORTUB 7
2/7464	BASORTUB 7
2/7472	BASORTUB 6
2/7473	BASORTUB 6
2/7474	BASORTUB 6
2/7475	BASORTUB 6
2/7476	BASORTUB 6
2/7477	BASORTUB 6
2/7478	BASORTUB 6
2/7479	BASORTUB 6
2/7480	BASORTUB 6
2/7481	BASORTUB 6
2/7482	BASORTUB 6
2/7483	BASORTUB 6
2/7484	BASORTUB 6
2/7485	BASORTUB 6
2/7487	BASORSUPPORT 15
2/7488	BASORSUPPORT 15
2/7489	BASORSUPPORT 15
2/7490	BASORSUPPORT 8
2/7491	BASORSUPPORT 8
2/7492	BASORSUPPORT 8
2/7493	BASORSUPPORT 8
2/7494	BASORSUPPORT 14
2/7495	BASORSUPPORT 14
2/7496	BASORSUPPORT 14
2/7497	BASORSUPPORT 14
2/7498	BASORSUPPORT 14
2/7502	BASORFIL 5
2/7503	BASORFIL 5
2/7504	BASORFIL 5

REF.	Family / Pg.
2/7505	BASORFIL 5
2/7506	BASORFIL 5
2/7507	BASORFIL 5
2/7508	BASORFIL 5
2/7509	BASORFIL 5
2/7510	BASORFIL 5
2/7511	BASORFIL 5
2/7512	BASORFIL 5
2/7513	BASORFIL 5
2/7514	BASORTRAY 23
2/7515	BASORTRAY 23
2/7517	BASORTRAY 15
2/7518	BASORTRAY 15
2/7519	BASORTRAY 15
2/7520	BASORTRAY 15
2/7521	BASORTRAY 15
2/7522	BASORTRAY 15
2/7523	BASORTRAY 15
2/7524	BASORTRAY 15
2/7525	BASORTRAY 15
2/7526	BASORTRAY 15
2/7527	BASORTRAY 15
2/7528	BASORTRAY 15
2/7529	BASORTRAY 15
2/7531	BASORTUB 5
2/7532	BASORTUB 7
2/7914	BASORFIL 5
2/7915	BASORFIL 5
2/8189	BASORFIX 23
2/8190	BASORTUB 7
2/8191	BASORTUB 7
2/8192	BASORTUB 6
2/8193	BASORTUB 6
2/8194	BASORTUB 6
2/8195	BASORTUB 6
2/8198	BASORTUB 5
2/8199	BASORTUB 5
2/8200	BASORTUB 5
2/8201	BASORTUB 5
2/8202	BASORTUB 5
2/8203	BASORTUB 5
2/8204	BASORTUB 5
2/8205	BASORTUB 5
2/8206	BASORTUB 5
2/8207	BASORTUB 7
2/8208	BASORTUB 7
2/8209	BASORTUB 7
2/8210	BASORTUB 7
2/8211	BASORTUB 7
2/8212	BASORTUB 7
2/8213	BASORTUB 7
2/8214	BASORTUB 7
2/8215	BASORTUB 7
2/8216	BASORTUB 7
2/8217	BASORTUB 7
2/8218	BASORTUB 7
2/8219	BASORTUB 7
2/8220	BASORTUB 7

REF.	Family / Pg.
2/8221	BASORTUB 7
2/8222	BASORTUB 7
2/8223	BASORTUB 7
2/8224	BASORTUB 7
2/8225	BASORFIX 13
2/8226	BASORCANAL 12
2/8227	BASORCANAL 12
2/8229	BASORFIL 13
2/8230	BASORFIL 7
2/8231	BASORFIL 18
2/8233	BASORFIL 7
2/8234	BASORTRAY 5
2/8296	BASORPLAST 7
2/8297	BASORPLAST 7
2/8298	BASORPLAST 7
2/8299	BASORPLAST 7
2/8300	BASORPLAST 7
2/8301	BASORPLAST 7
2/8302	BASORPLAST 7
2/8303	BASORPLAST 6
2/8304	BASORPLAST 6
2/8305	BASORPLAST 6
2/8306	BASORPLAST 6
2/8307	BASORPLAST 6
2/8308	BASORPLAST 6
2/8309	BASORPLAST 6
2/8310	BASORPLAST 6
2/8311	BASORPLAST 6
2/8312	BASORPLAST 6
2/8313	BASORPLAST 6
2/8314	BASORPLAST 6
2/8315	BASORPLAST 6
2/8316	BASORPLAST 6
2/8317	BASORPLAST 5
2/8318	BASORPLAST 5
2/8319	BASORPLAST 5
2/8320	BASORPLAST 5
2/8321	BASORPLAST 5
2/8322	BASORPLAST 5
2/8323	BASORPLAST 5
2/8324	BASORPLAST 5
2/8325	BASORTRAY 27
2/8326	BASORTRAY 27
2/8327	BASORTRAY 27
2/8328	BASORTRAY 27
2/8329	BASORTRAY 27
2/8330	BASORTRAY 27
2/8331	BASORTRAY 27
2/8332	BASORTRAY 27
2/8333	BASORTRAY 27
2/8334	BASORTRAY 27
2/8335	BASORTRAY 27
2/8336	BASORTRAY 27
2/8337	BASORTRAY 27
2/8338	BASORTRAY 27
2/8356	BASORTRAY 28
2/8357	BASORTRAY 28
2/8358	BASORTRAY 28

REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.
2/8359	BASORTRAY 28	2/8431	BASORTRAY 24	2/9870	BASORFIL 12	2/10055	BASORPLAST 15
2/8360	BASORTRAY 28	2/8432	BASORTRAY 24	2/9871	BASORFIL 12	2/10056	BASORPLAST 26
2/8361	BASORTRAY 28	2/8433	BASORTRAY 24	2/9872	BASORFIL 14	2/10057	BASORPLAST 26
2/8362	BASORTRAY 28	2/8434	BASORTRAY 24	2/9873	BASORPLAST 29	2/10058	BASORPLAST 26
2/8363	BASORTRAY 28	2/8435	BASORTRAY 24	2/9874	BASORPLAST 29	2/10059	BASORPLAST 26
2/8364	BASORTRAY 28	2/8436	BASORTRAY 24	2/9875	BASORPLAST 29	2/10060	BASORPLAST 26
2/8365	BASORTRAY 28	2/8437	BASORTRAY 24	2/9876	BASORPLAST 29	2/10061	BASORPLAST 26
2/8366	BASORTRAY 28	2/8438	BASORTRAY 24	2/9877	BASORPLAST 29	2/10062	BASORPLAST 9
2/8367	BASORTRAY 28	2/8439	BASORTRAY 24	2/9878	BASORPLAST 29	2/10063	BASORPLAST 9
2/8368	BASORTRAY 28	2/8440	BASORTRAY 24	2/9879	BASORPLAST 29	2/10064	BASORPLAST 9
2/8369	BASORTRAY 28	2/8441	BASORTRAY 24	2/9886	BASORFIL 5, 11	2/10065	BASORPLAST 9
2/8384	BASORTRAY 20	2/8442	BASORTRAY 24	2/9887	BASORFIL 5, 11	2/10066	BASORPLAST 9
2/8385	BASORTRAY 20	2/8443	BASORTRAY 24	2/9888	BASORFIL 5, 11	2/10067	BASORPLAST 9
2/8386	BASORTRAY 20	2/8760	BASORTRAY 15	2/9889	BASORFIL 5, 11	2/10068	BASORPLAST 9
2/8387	BASORTRAY 20	2/8761	BASORTRAY 15	2/9890	BASORFIL 5, 11	2/10069	BASORPLAST 9
2/8388	BASORTRAY 20	2/8762	BASORTRAY 15	2/9891	BASORFIL 5, 11	2/10070	BASORPLAST 9
2/8389	BASORTRAY 20	2/8763	BASORTRAY 15	2/9892	BASORFIL 5, 11	2/10071	BASORPLAST 9
2/8390	BASORTRAY 20	2/8764	BASORTRAY 15	2/9985	BASORCANAL 11	2/10072	BASORPLAST 9
2/8391	BASORTRAY 20	2/8765	BASORTRAY 15	2/9986	BASORCANAL 11	2/10073	BASORPLAST 9
2/8392	BASORTRAY 20	2/8766	BASORTRAY 15	2/9988	BASORCANAL 12	2/10074	BASORPLAST 9
2/8393	BASORTRAY 20	2/8767	BASORTRAY 27	2/9989	BASORFIL 5	2/10075	BASORPLAST 9
2/8394	BASORTRAY 20	2/8768	BASORTRAY 27	2/9990	BASORFIL 5	2/10076	BASORPLAST 9
2/8395	BASORTRAY 20	2/8777	BASORFIL 17	2/10000	BASORTRAV 5, 43	2/10077	BASORPLAST 9
2/8396	BASORTRAY 20	2/8777	BASORSUPPORT 19	2/10001	BASORTRAV 5, 43	2/10078	BASORPLAST 9
2/8397	BASORTRAY 20	2/8778	BASORSUPPORT 9	2/10002	BASORTRAV 5, 43	2/10079	BASORPLAST 9
2/8398	BASORTRAY 20	2/8779	BASORSUPPORT 9	2/10003	BASORTRAV 5, 43	2/10080	BASORPLAST 9
2/8399	BASORTRAY 20	2/8780	BASORSUPPORT 9	2/10004	BASORTRAV 5, 43	2/10081	BASORPLAST 9
2/8400	BASORTRAY 20	2/8781	BASORSUPPORT 9	2/10005	BASORTRAV 5, 43	2/10082	BASORPLAST 9
2/8401	BASORTRAY 20	2/8782	BASORSUPPORT 9	2/10006	BASORTRAV 5, 43	2/10083	BASORPLAST 9
2/8402	BASORTRAY 20	2/8783	BASORSUPPORT 9	2/10007	BASORFIL 14	2/10084	BASORPLAST 12
2/8403	BASORTRAY 20	2/8809	BASORFIX 19	2/10008	BASORTRAV 45	2/10085	BASORPLAST 12
2/8404	BASORTRAY 22	2/8810	BASORFIX 19	2/10009	BASORFIL 9	2/10086	BASORTRAY 30
2/8405	BASORTRAY 22	2/8827	BASORTRAV 59	2/10011	BASORPLAST 15	2/10087	BASORCANAL 18
2/8406	BASORTRAY 22	2/9675	BASORFIL 15	2/10012	BASORPLAST 15	2/10089	BASORPLAST 10
2/8407	BASORTRAY 22	2/9778	BASORTRAV 43	2/10013	BASORPLAST 15	2/10090	BASORPLAST 10
2/8408	BASORTRAY 22	2/9779	BASORTRAV 43	2/10014	BASORPLAST 15	2/10091	BASORPLAST 10
2/8409	BASORTRAY 22	2/9780	BASORTRAV 43	2/10015	BASORPLAST 15	2/10092	BASORPLAST 10
2/8410	BASORTRAY 22	2/9781	BASORTRAV 43	2/10016	BASORPLAST 15	2/10093	BASORPLAST 10
2/8411	BASORTRAY 22	2/9782	BASORTRAV 43	2/10017	BASORPLAST 13	2/10094	BASORPLAST 10
2/8412	BASORTRAY 22	2/9783	BASORTRAV 43	2/10020	BASORPLAST 24	2/10095	BASORPLAST 10
2/8413	BASORTRAY 22	2/9784	BASORTRAV 43	2/10021	BASORTRAV 8, 46	2/10096	BASORPLAST 10
2/8414	BASORTRAY 22	2/9785	BASORTRAV 46	2/10022	BASORTRAV 8, 46	2/10097	BASORPLAST 10
2/8415	BASORTRAY 22	2/9786	BASORTRAV 46	2/10023	BASORTRAV 8, 46	2/10098	BASORPLAST 10
2/8416	BASORTRAY 22	2/9787	BASORTRAV 45	2/10024	BASORTRAV 8, 46	2/10099	BASORPLAST 10
2/8417	BASORTRAY 22	2/9788	BASORTRAV 45	2/10025	BASORTRAV 8, 46	2/10100	BASORPLAST 10
2/8418	BASORTRAY 22	2/9789	BASORFIL 5, 11	2/10026	BASORTRAV 8, 46	2/10101	BASORPLAST 10
2/8419	BASORTRAY 22	2/9790	BASORFIL 5, 11	2/10027	BASORTRAV 8, 46	2/10102	BASORPLAST 10
2/8420	BASORTRAY 22	2/9791	BASORFIL 5, 11	2/10031	BASORTRAY 18	2/10103	BASORPLAST 10
2/8421	BASORTRAY 22	2/9792	BASORFIL 5, 11	2/10032	BASORTRAY 18	2/10104	BASORPLAST 10
2/8422	BASORTRAY 22	2/9793	BASORFIL 5, 11	2/10033	BASORTRAY 15	2/10105	BASORPLAST 10
2/8423	BASORTRAY 22	2/9794	BASORFIL 5, 11	2/10034	BASORTRAY 15	2/10106	BASORPLAST 10
2/8424	BASORTRAY 24	2/9795	BASORFIL 5, 11	2/10035	BASORTRAY 15	2/10107	BASORPLAST 10
2/8425	BASORTRAY 24	2/9805	BASORFIX 15	2/10036	BASORTRAY 15	2/10108	BASORPLAST 10
2/8426	BASORTRAY 24	2/9806	BASORFIX 15	2/10050	BASORPLAST 15	2/10109	BASORPLAST 10
2/8427	BASORTRAY 24	2/9807	BASORFIL 17	2/10051	BASORPLAST 15	2/10110	BASORPLAST 10
2/8428	BASORTRAY 24	2/9857	BASORFIL 15	2/10052	BASORPLAST 15	2/10111	BASORPLAST 11
2/8429	BASORTRAY 24	2/9868	BASORFIL 13	2/10053	BASORPLAST 15	2/10112	BASORPLAST 11
2/8430	BASORTRAY 24	2/9869	BASORFIL 13	2/10054	BASORPLAST 15	2/10113	BASORPLAST 11

REF.	Family / Pg.
2/10114	BASORPLAST 11
2/10115	BASORPLAST 11
2/10116	BASORPLAST 11
2/10117	BASORPLAST 11
2/10118	BASORPLAST 11
2/10119	BASORPLAST 11
2/10120	BASORPLAST 11
2/10121	BASORPLAST 11
2/10122	BASORPLAST 11
2/10123	BASORPLAST 11
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2/10125	BASORPLAST 11
2/10126	BASORPLAST 11
2/10127	BASORPLAST 11
2/10128	BASORPLAST 11
2/10129	BASORPLAST 11
2/10130	BASORPLAST 11
2/10131	BASORPLAST 11
2/10132	BASORPLAST 11
2/10133	BASORPLAST 11
2/10134	BASORPLAST 11
2/10135	BASORPLAST 12
2/10136	BASORPLAST 12
2/10137	BASORPLAST 12
2/10138	BASORPLAST 12
2/10139	BASORPLAST 12
2/10140	BASORPLAST 12
2/10141	BASORPLAST 12
2/10142	BASORPLAST 12
2/10143	BASORPLAST 12
2/10144	BASORPLAST 12
2/10145	BASORPLAST 12
2/10146	BASORCANAL 15
2/10147	BASORCANAL 15
2/10148	BASORCANAL 15
2/10149	BASORCANAL 15
2/10150	BASORCANAL 15
2/10151	BASORCANAL 15
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2/10153	BASORCANAL 15
2/10154	BASORCANAL 15
2/10155	BASORCANAL 15
2/10156	BASORCANAL 15
2/10157	BASORCANAL 15
2/10158	BASORCANAL 16
2/10159	BASORCANAL 16
2/10160	BASORCANAL 16
2/10161	BASORCANAL 16
2/10162	BASORCANAL 16
2/10164	BASORCANAL 16
2/10165	BASORCANAL 17
2/10166	BASORCANAL 17
2/10167	BASORCANAL 17
2/10168	BASORCANAL 17
2/10169	BASORCANAL 17
2/10170	BASORCANAL 17
2/10171	BASORCANAL 18
2/10172	BASORCANAL 18

REF.	Family / Pg.
2/10173	BASORCANAL 18
2/10174	BASORCANAL 18
2/10175	BASORCANAL 18
2/10176	BASORCANAL 18
2/10177	BASORCANAL 19
2/10179	BASORTRAV 94
2/10180	BASORCANAL 18
2/10181	BASORTRAY 5
2/10182	BASORTRAY 5
2/10183	BASORTRAY 5
2/10184	BASORTRAY 5
2/10185	BASORCANAL 15
2/10186	BASORCANAL 15
2/10187	BASORCANAL 15
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2/10216	BASORCANAL 17
2/10217	BASORCANAL 17
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2/10219	BASORCANAL 17
2/10220	BASORCANAL 17
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2/10222	BASORCANAL 17
2/10223	BASORCANAL 17
2/10224	BASORCANAL 17
2/10225	BASORCANAL 17
2/10226	BASORCANAL 17
2/10227	BASORCANAL 17
2/10228	BASORCANAL 17
2/10229	BASORCANAL 17
2/10230	BASORCANAL 17
2/10231	BASORCANAL 17

REF.	Family / Pg.
2/10232	BASORCANAL 17
2/10233	BASORTRAY 9
2/10234	BASORTRAY 9
2/10235	BASORTRAY 9
2/10236	BASORTRAY 9
2/10237	BASORTRAY 9
2/10238	BASORTRAY 9
2/10239	BASORTRAY 9
2/10240	BASORCANAL 18
2/10241	BASORCANAL 18
2/10242	BASORCANAL 18
2/10243	BASORCANAL 18
2/10244	BASORCANAL 18
2/10245	BASORCANAL 18
2/10246	BASORFIX 17
2/10247	BASORFIX 17
2/10248	BASORFIX 17
2/10249	BASORFIX 17
2/10250	BASORFIX 17
2/10251	BASORFIX 17
2/10252	BASORFIX 17
2/10253	BASORFIL 19
2/10254	BASORFIL 19
2/10265	BASORCANAL 19
2/10266	BASORCANAL 19
2/10267	BASORTRAV 59
2/10270	BASORTRAV 53
2/10272	BASORTRAV 53
2/10273	BASORTRAV 53
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2/10278	BASORTRAV 53
2/10282	BASORTRAY 5
2/10283	BASORTRAY 5
2/10284	BASORFIL 19
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REF.	Family / Pg.
2/10328	BASORTRAV 75
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REF.	Family / Pg.
2/10386	BASORTRAV 76
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REF.	Family / Pg.
2/10444	BASORTRAV 77
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2/10500	BASORTRAV 78
2/10501	BASORTRAV 78

REF.	Family / Pg.
2/10502	BASORTRAV 78
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REF.	Family / Pg.
2/10560	BASORTRAV 81
2/10561	BASORTRAV 81
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2/10614	BASORTRAV 84
2/10615	BASORTRAV 84
2/10616	BASORTRAV 84
2/10617	BASORTRAV 84

REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.
2/10618	BASORTRAV 84	2/10676	BASORTRAV 79	2/10734	BASORTRAV 82	2/10792	BASORTRAV 85
2/10619	BASORTRAV 84	2/10677	BASORTRAV 79	2/10735	BASORTRAV 82	2/10793	BASORTRAV 85
2/10620	BASORTRAV 84	2/10678	BASORTRAV 79	2/10736	BASORTRAV 82	2/10794	BASORTRAV 85
2/10621	BASORTRAV 84	2/10679	BASORTRAV 79	2/10737	BASORTRAV 82	2/10795	BASORTRAV 85
2/10622	BASORTRAV 84	2/10680	BASORTRAV 79	2/10738	BASORTRAV 82	2/10796	BASORTRAV 85
2/10623	BASORTRAV 84	2/10681	BASORTRAV 79	2/10739	BASORTRAV 82	2/10797	BASORTRAV 85
2/10624	BASORTRAV 84	2/10682	BASORTRAV 79	2/10740	BASORTRAV 82	2/10798	BASORTRAV 85
2/10625	BASORTRAV 84	2/10683	BASORTRAV 79	2/10741	BASORTRAV 82	2/10799	BASORTRAV 85
2/10626	BASORTRAV 84	2/10684	BASORTRAV 79	2/10742	BASORTRAV 82	2/10800	BASORTRAV 85
2/10627	BASORTRAV 84	2/10685	BASORTRAV 79	2/10743	BASORTRAV 82	2/10801	BASORTRAV 85
2/10628	BASORTRAV 84	2/10686	BASORTRAV 79	2/10744	BASORTRAV 82	2/10802	BASORTRAV 85
2/10629	BASORTRAV 84	2/10687	BASORTRAV 79	2/10745	BASORTRAV 82	2/10803	BASORTRAV 85
2/10630	BASORTRAV 84	2/10688	BASORTRAV 79	2/10746	BASORTRAV 82	2/10804	BASORTRAV 85
2/10631	BASORTRAV 84	2/10689	BASORTRAV 79	2/10747	BASORTRAV 82	2/10805	BASORTRAV 85
2/10632	BASORTRAV 84	2/10690	BASORTRAV 79	2/10748	BASORTRAV 82	2/10806	BASORTRAV 85
2/10633	BASORTRAV 84	2/10691	BASORTRAV 79	2/10749	BASORTRAV 82	2/10807	BASORTRAV 85
2/10634	BASORTRAV 84	2/10692	BASORTRAV 79	2/10750	BASORTRAV 82	2/10808	BASORTRAV 85
2/10635	BASORTRAV 84	2/10693	BASORTRAV 79	2/10751	BASORTRAV 82	2/10809	BASORTRAV 85
2/10636	BASORTRAV 84	2/10694	BASORTRAV 79	2/10752	BASORTRAV 82	2/10810	BASORTRAV 85
2/10637	BASORTRAV 84	2/10695	BASORTRAV 79	2/10753	BASORTRAV 82	2/10811	BASORTRAV 85
2/10638	BASORTRAV 84	2/10696	BASORTRAV 79	2/10754	BASORTRAV 82	2/10812	BASORTRAV 85
2/10639	BASORTRAV 84	2/10697	BASORTRAV 79	2/10755	BASORTRAV 82	2/10813	BASORTRAV 85
2/10640	BASORTRAV 84	2/10698	BASORTRAV 79	2/10756	BASORTRAV 82	2/10814	BASORTRAV 85
2/10641	BASORTRAV 84	2/10699	BASORTRAV 79	2/10757	BASORTRAV 82	2/10815	BASORTRAV 85
2/10642	BASORTRAV 84	2/10700	BASORTRAV 79	2/10758	BASORTRAV 82	2/10816	BASORTRAV 85
2/10643	BASORTRAV 84	2/10701	BASORTRAV 79	2/10759	BASORTRAV 82	2/10817	BASORTRAV 85
2/10644	BASORTRAV 84	2/10702	BASORTRAV 79	2/10760	BASORTRAV 82	2/10818	BASORTRAV 80
2/10645	BASORTRAV 84	2/10703	BASORTRAV 79	2/10761	BASORTRAV 82	2/10819	BASORTRAV 80
2/10646	BASORTRAV 84	2/10704	BASORTRAV 79	2/10762	BASORTRAV 82	2/10820	BASORTRAV 80
2/10647	BASORTRAV 79	2/10705	BASORTRAV 79	2/10763	BASORTRAV 82	2/10821	BASORTRAV 80
2/10648	BASORTRAV 79	2/10706	BASORTRAV 79	2/10764	BASORTRAV 85	2/10822	BASORTRAV 80
2/10649	BASORTRAV 79	2/10707	BASORTRAV 79	2/10765	BASORTRAV 85	2/10823	BASORTRAV 80
2/10650	BASORTRAV 79	2/10708	BASORTRAV 79	2/10766	BASORTRAV 85	2/10824	BASORTRAV 80
2/10651	BASORTRAV 79	2/10709	BASORTRAV 79	2/10767	BASORTRAV 85	2/10825	BASORTRAV 80
2/10652	BASORTRAV 79	2/10710	BASORTRAV 82	2/10768	BASORTRAV 85	2/10826	BASORTRAV 80
2/10653	BASORTRAV 79	2/10711	BASORTRAV 82	2/10769	BASORTRAV 85	2/10827	BASORTRAV 80
2/10654	BASORTRAV 79	2/10712	BASORTRAV 82	2/10770	BASORTRAV 85	2/10828	BASORTRAV 80
2/10655	BASORTRAV 79	2/10713	BASORTRAV 82	2/10771	BASORTRAV 85	2/10829	BASORTRAV 80
2/10656	BASORTRAV 79	2/10714	BASORTRAV 82	2/10772	BASORTRAV 85	2/10830	BASORTRAV 80
2/10657	BASORTRAV 79	2/10715	BASORTRAV 82	2/10773	BASORTRAV 85	2/10831	BASORTRAV 80
2/10658	BASORTRAV 79	2/10716	BASORTRAV 82	2/10774	BASORTRAV 85	2/10832	BASORTRAV 80
2/10659	BASORTRAV 79	2/10717	BASORTRAV 82	2/10775	BASORTRAV 85	2/10833	BASORTRAV 80
2/10660	BASORTRAV 79	2/10718	BASORTRAV 82	2/10776	BASORTRAV 85	2/10834	BASORTRAV 80
2/10661	BASORTRAV 79	2/10719	BASORTRAV 82	2/10777	BASORTRAV 85	2/10835	BASORTRAV 80
2/10662	BASORTRAV 79	2/10720	BASORTRAV 82	2/10778	BASORTRAV 85	2/10836	BASORTRAV 80
2/10663	BASORTRAV 79	2/10721	BASORTRAV 82	2/10779	BASORTRAV 85	2/10837	BASORTRAV 80
2/10664	BASORTRAV 79	2/10722	BASORTRAV 82	2/10780	BASORTRAV 85	2/10838	BASORTRAV 80
2/10665	BASORTRAV 79	2/10723	BASORTRAV 82	2/10781	BASORTRAV 85	2/10839	BASORTRAV 80
2/10666	BASORTRAV 79	2/10724	BASORTRAV 82	2/10782	BASORTRAV 85	2/10840	BASORTRAV 80
2/10667	BASORTRAV 79	2/10725	BASORTRAV 82	2/10783	BASORTRAV 85	2/10841	BASORTRAV 80
2/10668	BASORTRAV 79	2/10726	BASORTRAV 82	2/10784	BASORTRAV 85	2/10842	BASORTRAV 80
2/10669	BASORTRAV 79	2/10727	BASORTRAV 82	2/10785	BASORTRAV 85	2/10843	BASORTRAV 80
2/10670	BASORTRAV 79	2/10728	BASORTRAV 82	2/10786	BASORTRAV 85	2/10844	BASORTRAV 80
2/10671	BASORTRAV 79	2/10729	BASORTRAV 82	2/10787	BASORTRAV 85	2/10845	BASORTRAV 80
2/10672	BASORTRAV 79	2/10730	BASORTRAV 82	2/10788	BASORTRAV 85	2/10846	BASORTRAV 80
2/10673	BASORTRAV 79	2/10731	BASORTRAV 82	2/10789	BASORTRAV 85	2/10847	BASORTRAV 80
2/10674	BASORTRAV 79	2/10732	BASORTRAV 82	2/10790	BASORTRAV 85	2/10848	BASORTRAV 80
2/10675	BASORTRAV 79	2/10733	BASORTRAV 82	2/10791	BASORTRAV 85	2/10849	BASORTRAV 80

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2/10850	BASORTRAV 80	2/10908	BASORTRAV 83	2/10966	BASORTRAV 86	2/11024	BASORTRAV 87
2/10851	BASORTRAV 80	2/10909	BASORTRAV 83	2/10967	BASORTRAV 86	2/11025	BASORTRAV 87
2/10852	BASORTRAV 80	2/10910	BASORTRAV 83	2/10968	BASORTRAV 86	2/11026	BASORTRAV 87
2/10853	BASORTRAV 80	2/10911	BASORTRAV 83	2/10969	BASORTRAV 86	2/11027	BASORTRAV 87
2/10854	BASORTRAV 80	2/10912	BASORTRAV 83	2/10970	BASORTRAV 86	2/11028	BASORTRAV 87
2/10855	BASORTRAV 80	2/10913	BASORTRAV 83	2/10971	BASORTRAV 86	2/11029	BASORTRAV 87
2/10856	BASORTRAV 80	2/10914	BASORTRAV 83	2/10972	BASORTRAV 86	2/11030	BASORTRAV 87
2/10857	BASORTRAV 80	2/10915	BASORTRAV 83	2/10973	BASORTRAV 86	2/11031	BASORTRAV 87
2/10858	BASORTRAV 80	2/10916	BASORTRAV 83	2/10974	BASORTRAV 86	2/11032	BASORTRAV 87
2/10859	BASORTRAV 80	2/10917	BASORTRAV 83	2/10975	BASORTRAV 86	2/11033	BASORTRAV 87
2/10860	BASORTRAV 80	2/10918	BASORTRAV 83	2/10976	BASORTRAV 86	2/11034	BASORTRAV 87
2/10861	BASORTRAV 80	2/10919	BASORTRAV 83	2/10977	BASORTRAV 86	2/11035	BASORTRAV 87
2/10862	BASORTRAV 80	2/10920	BASORTRAV 83	2/10978	BASORTRAV 86	2/11036	BASORTRAV 87
2/10863	BASORTRAV 80	2/10921	BASORTRAV 83	2/10979	BASORTRAV 86	2/11037	BASORTRAV 87
2/10864	BASORTRAV 80	2/10922	BASORTRAV 83	2/10980	BASORTRAV 86	2/11038	BASORTRAV 87
2/10865	BASORTRAV 80	2/10923	BASORTRAV 83	2/10981	BASORTRAV 86	2/11039	BASORTRAV 87
2/10866	BASORTRAV 80	2/10924	BASORTRAV 83	2/10982	BASORTRAV 86	2/11040	BASORTRAV 87
2/10867	BASORTRAV 80	2/10925	BASORTRAV 83	2/10983	BASORTRAV 86	2/11041	BASORTRAV 87
2/10868	BASORTRAV 80	2/10926	BASORTRAV 83	2/10984	BASORTRAV 86	2/11042	BASORTRAV 87
2/10869	BASORTRAV 80	2/10927	BASORTRAV 83	2/10985	BASORTRAV 86	2/11043	BASORTRAV 87
2/10870	BASORTRAV 80	2/10928	BASORTRAV 83	2/10986	BASORTRAV 86	2/11044	BASORTRAV 87
2/10871	BASORTRAV 80	2/10929	BASORTRAV 83	2/10987	BASORTRAV 86	2/11045	BASORTRAV 87
2/10872	BASORTRAV 80	2/10930	BASORTRAV 83	2/10988	BASORTRAV 86	2/11046	BASORTRAV 88
2/10873	BASORTRAV 80	2/10931	BASORTRAV 83	2/10989	BASORTRAV 87	2/11047	BASORTRAV 88
2/10874	BASORTRAV 80	2/10932	BASORTRAV 83	2/10990	BASORTRAV 87	2/11048	BASORTRAV 88
2/10875	BASORTRAV 80	2/10933	BASORTRAV 83	2/10991	BASORTRAV 87	2/11049	BASORTRAV 88
2/10876	BASORTRAV 80	2/10934	BASORTRAV 83	2/10992	BASORTRAV 87	2/11050	BASORTRAV 88
2/10877	BASORTRAV 80	2/10935	BASORTRAV 86	2/10993	BASORTRAV 87	2/11051	BASORTRAV 88
2/10878	BASORTRAV 80	2/10936	BASORTRAV 86	2/10994	BASORTRAV 87	2/11052	BASORTRAV 88
2/10879	BASORTRAV 80	2/10937	BASORTRAV 86	2/10995	BASORTRAV 87	2/11053	BASORTRAV 88
2/10880	BASORTRAV 80	2/10938	BASORTRAV 86	2/10996	BASORTRAV 87	2/11054	BASORTRAV 88
2/10881	BASORTRAV 83	2/10939	BASORTRAV 86	2/10997	BASORTRAV 87	2/11055	BASORTRAV 88
2/10882	BASORTRAV 83	2/10940	BASORTRAV 86	2/10998	BASORTRAV 87	2/11056	BASORTRAV 88
2/10883	BASORTRAV 83	2/10941	BASORTRAV 86	2/10999	BASORTRAV 87	2/11057	BASORTRAV 88
2/10884	BASORTRAV 83	2/10942	BASORTRAV 86	2/11000	BASORTRAV 87	2/11058	BASORTRAV 88
2/10885	BASORTRAV 83	2/10943	BASORTRAV 86	2/11001	BASORTRAV 87	2/11059	BASORTRAV 88
2/10886	BASORTRAV 83	2/10944	BASORTRAV 86	2/11002	BASORTRAV 87	2/11060	BASORTRAV 88
2/10887	BASORTRAV 83	2/10945	BASORTRAV 86	2/11003	BASORTRAV 87	2/11061	BASORTRAV 88
2/10888	BASORTRAV 83	2/10946	BASORTRAV 86	2/11004	BASORTRAV 87	2/11062	BASORTRAV 88
2/10889	BASORTRAV 83	2/10947	BASORTRAV 86	2/11005	BASORTRAV 87	2/11063	BASORTRAV 88
2/10890	BASORTRAV 83	2/10948	BASORTRAV 86	2/11006	BASORTRAV 87	2/11064	BASORTRAV 88
2/10891	BASORTRAV 83	2/10949	BASORTRAV 86	2/11007	BASORTRAV 87	2/11065	BASORTRAV 88
2/10892	BASORTRAV 83	2/10950	BASORTRAV 86	2/11008	BASORTRAV 87	2/11066	BASORTRAV 88
2/10893	BASORTRAV 83	2/10951	BASORTRAV 86	2/11009	BASORTRAV 87	2/11067	BASORTRAV 88
2/10894	BASORTRAV 83	2/10952	BASORTRAV 86	2/11010	BASORTRAV 87	2/11068	BASORTRAV 88
2/10895	BASORTRAV 83	2/10953	BASORTRAV 86	2/11011	BASORTRAV 87	2/11069	BASORTRAV 88
2/10896	BASORTRAV 83	2/10954	BASORTRAV 86	2/11012	BASORTRAV 87	2/11070	BASORTRAV 88
2/10897	BASORTRAV 83	2/10955	BASORTRAV 86	2/11013	BASORTRAV 87	2/11071	BASORTRAV 88
2/10898	BASORTRAV 83	2/10956	BASORTRAV 86	2/11014	BASORTRAV 87	2/11072	BASORTRAV 88
2/10899	BASORTRAV 83	2/10957	BASORTRAV 86	2/11015	BASORTRAV 87	2/11073	BASORTRAV 88
2/10900	BASORTRAV 83	2/10958	BASORTRAV 86	2/11016	BASORTRAV 87	2/11074	BASORTRAV 88
2/10901	BASORTRAV 83	2/10959	BASORTRAV 86	2/11017	BASORTRAV 87	2/11075	BASORTRAV 88
2/10902	BASORTRAV 83	2/10960	BASORTRAV 86	2/11018	BASORTRAV 87	2/11076	BASORTRAV 88
2/10903	BASORTRAV 83	2/10961	BASORTRAV 86	2/11019	BASORTRAV 87	2/11077	BASORTRAV 88
2/10904	BASORTRAV 83	2/10962	BASORTRAV 86	2/11020	BASORTRAV 87	2/11078	BASORTRAV 88
2/10905	BASORTRAV 83	2/10963	BASORTRAV 86	2/11021	BASORTRAV 87	2/11079	BASORTRAV 88
2/10906	BASORTRAV 83	2/10964	BASORTRAV 86	2/11022	BASORTRAV 87	2/11080	BASORTRAV 88
2/10907	BASORTRAV 83	2/10965	BASORTRAV 86	2/11023	BASORTRAV 87	2/11081	BASORTRAV 88

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2/11225	BASORTRAV 92
2/11227	BASORTRAY 28
2/11227	BASORFIL 19
2/11228	BASORTRAY 28
2/11228	BASORFIL 19
2/11230	BASORFIX 19
2/11231	BASORFIX 19
2/11236	BASORTRAV 92
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2/11238	BASORTRAV 92
2/11239	FIBERTRAV 5
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2/11265	BASORTRAV 94
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2/11267	BASORTRAV 94
2/11268	BASORTRAV 94
2/11269	BASORTRAV 94
2/11270	BASORTRAV 94
2/11271	BASORTRAY 40
2/11272	FIBERTRAV 6
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2/11304	FIBERTRAV 5
2/11309	BASORTRAY 35
2/11310	BASORTRAY 35
2/11311	BASORTRAV 59
2/11312	FIBERTRAV 6
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2/11320	FIBERTRAV 5
2/11321	FIBERTRAV 5

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2/11322	FIBERTRAV 5	2/11385	FIBERTRAV 8	2/11443	FIBERTRAV 11	2/11501	FIBERTRAV 7
2/11323	FIBERTRAV 5	2/11386	FIBERTRAV 8	2/11444	FIBERTRAV 11	2/11502	FIBERTRAV 7
2/11324	FIBERTRAV 5	2/11387	FIBERTRAV 8	2/11445	FIBERTRAV 11	2/11503	FIBERTRAV 7
2/11325	FIBERTRAV 5	2/11388	FIBERTRAV 8	2/11446	FIBERTRAV 11	2/11504	FIBERTRAV 7
2/11326	FIBERTRAV 5	2/11389	FIBERTRAV 8	2/11447	FIBERTRAV 11	2/11505	FIBERTRAV 9
2/11327	FIBERTRAV 5	2/11390	FIBERTRAV 8	2/11448	FIBERTRAV 11	2/11506	FIBERTRAV 9
2/11328	FIBERTRAV 5	2/11391	FIBERTRAV 8	2/11449	FIBERTRAV 11	2/11507	FIBERTRAV 9
2/11329	FIBERTRAV 5	2/11392	FIBERTRAV 8	2/11450	FIBERTRAV 11	2/11508	FIBERTRAV 9
2/11330	FIBERTRAV 5	2/11393	FIBERTRAV 8	2/11451	FIBERTRAV 11	2/11509	FIBERTRAV 9
2/11331	FIBERTRAV 5	2/11394	FIBERTRAV 8	2/11452	FIBERTRAV 11	2/11510	FIBERTRAV 9
2/11332	FIBERTRAV 5	2/11395	FIBERTRAV 8	2/11453	FIBERTRAV 14	2/11511	FIBERTRAV 9
2/11333	FIBERTRAV 5	2/11396	FIBERTRAV 8	2/11454	FIBERTRAV 14	2/11512	FIBERTRAV 9
2/11334	FIBERTRAV 5	2/11397	FIBERTRAV 8	2/11455	FIBERTRAV 14	2/11513	FIBERTRAV 9
2/11335	FIBERTRAV 5	2/11398	FIBERTRAV 8	2/11456	FIBERTRAV 14	2/11514	FIBERTRAV 9
2/11336	FIBERTRAV 5	2/11399	FIBERTRAV 8	2/11457	FIBERTRAV 14	2/11515	FIBERTRAV 9
2/11337	FIBERTRAV 5	2/11400	FIBERTRAV 8	2/11458	FIBERTRAV 14	2/11516	FIBERTRAV 9
2/11338	FIBERTRAV 5	2/11401	FIBERTRAV 8	2/11459	FIBERTRAV 14	2/11517	FIBERTRAV 9
2/11339	FIBERTRAV 5	2/11402	FIBERTRAV 8	2/11460	FIBERTRAV 14	2/11518	FIBERTRAV 9
2/11340	FIBERTRAV 5	2/11403	FIBERTRAV 8	2/11461	FIBERTRAV 14	2/11519	FIBERTRAV 9
2/11341	FIBERTRAV 5	2/11404	FIBERTRAV 8	2/11462	FIBERTRAV 14	2/11520	FIBERTRAV 9
2/11342	FIBERTRAV 5	2/11405	FIBERTRAV 8	2/11463	FIBERTRAV 14	2/11521	FIBERTRAV 9
2/11343	FIBERTRAV 5	2/11406	FIBERTRAV 8	2/11464	FIBERTRAV 14	2/11522	FIBERTRAV 9
2/11344	FIBERTRAV 5	2/11407	FIBERTRAV 8	2/11465	FIBERTRAV 14	2/11523	FIBERTRAV 9
2/11349	BASORTRAY 36	2/11408	FIBERTRAV 8	2/11466	FIBERTRAV 14	2/11524	FIBERTRAV 9
2/11350	BASORTRAY 36	2/11409	FIBERTRAV 8	2/11467	FIBERTRAV 14	2/11525	FIBERTRAV 9
2/11352	FIBERTRAV 6	2/11410	FIBERTRAV 8	2/11468	FIBERTRAV 14	2/11526	FIBERTRAV 9
2/11353	FIBERTRAV 6	2/11411	FIBERTRAV 11	2/11469	FIBERTRAV 14	2/11527	FIBERTRAV 9
2/11354	FIBERTRAV 6	2/11412	FIBERTRAV 11	2/11470	FIBERTRAV 14	2/11528	FIBERTRAV 9
2/11355	FIBERTRAV 6	2/11413	FIBERTRAV 11	2/11471	FIBERTRAV 14	2/11529	FIBERTRAV 9
2/11356	FIBERTRAV 6	2/11414	FIBERTRAV 11	2/11472	FIBERTRAV 14	2/11530	FIBERTRAV 9
2/11357	FIBERTRAV 6	2/11415	FIBERTRAV 11	2/11473	FIBERTRAV 14	2/11531	FIBERTRAV 9
2/11358	FIBERTRAV 6	2/11416	FIBERTRAV 11	2/11474	FIBERTRAV 14	2/11532	FIBERTRAV 9
2/11359	FIBERTRAV 7	2/11417	FIBERTRAV 11	2/11475	FIBERTRAV 14	2/11533	FIBERTRAV 9
2/11360	FIBERTRAV 7	2/11418	FIBERTRAV 11	2/11476	FIBERTRAV 14	2/11534	FIBERTRAV 9
2/11361	FIBERTRAV 7	2/11419	FIBERTRAV 11	2/11477	FIBERTRAV 14	2/11535	FIBERTRAV 9
2/11362	FIBERTRAV 7	2/11420	FIBERTRAV 11	2/11478	FIBERTRAV 14	2/11536	FIBERTRAV 9
2/11363	FIBERTRAV 7	2/11421	FIBERTRAV 11	2/11479	FIBERTRAV 14	2/11537	FIBERTRAV 9
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2/11365	FIBERTRAV 7	2/11423	FIBERTRAV 11	2/11481	FIBERTRAV 14	2/11539	FIBERTRAV 9
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2/11371	FIBERTRAV 8	2/11429	FIBERTRAV 11	2/11487	FIBERTRAV 14	2/11545	FIBERTRAV 9
2/11372	FIBERTRAV 8	2/11430	FIBERTRAV 11	2/11488	FIBERTRAV 14	2/11546	FIBERTRAV 9
2/11373	FIBERTRAV 8	2/11431	FIBERTRAV 11	2/11489	FIBERTRAV 14	2/11547	FIBERTRAV 12
2/11374	FIBERTRAV 8	2/11432	FIBERTRAV 11	2/11490	FIBERTRAV 14	2/11548	FIBERTRAV 12
2/11375	FIBERTRAV 8	2/11433	FIBERTRAV 11	2/11491	FIBERTRAV 14	2/11549	FIBERTRAV 12
2/11376	FIBERTRAV 8	2/11434	FIBERTRAV 11	2/11492	FIBERTRAV 14	2/11550	FIBERTRAV 12
2/11377	FIBERTRAV 8	2/11435	FIBERTRAV 11	2/11493	FIBERTRAV 14	2/11551	FIBERTRAV 12
2/11378	FIBERTRAV 8	2/11436	FIBERTRAV 11	2/11494	FIBERTRAV 14	2/11552	FIBERTRAV 12
2/11379	FIBERTRAV 8	2/11437	FIBERTRAV 11	2/11495	FIBERTRAV 7	2/11553	FIBERTRAV 12
2/11380	FIBERTRAV 8	2/11438	FIBERTRAV 11	2/11496	FIBERTRAV 7	2/11554	FIBERTRAV 12
2/11381	FIBERTRAV 8	2/11439	FIBERTRAV 11	2/11497	FIBERTRAV 7	2/11555	FIBERTRAV 12
2/11382	FIBERTRAV 8	2/11440	FIBERTRAV 11	2/11498	FIBERTRAV 7	2/11556	FIBERTRAV 12
2/11383	FIBERTRAV 8	2/11441	FIBERTRAV 11	2/11499	FIBERTRAV 7	2/11557	FIBERTRAV 12
2/11384	FIBERTRAV 8	2/11442	FIBERTRAV 11	2/11500	FIBERTRAV 7	2/11558	FIBERTRAV 12

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2/11560	FIBERTRAV 12	2/11618	FIBERTRAV 15	2/11676	FIBERTRAV 10	2/11734	FIBERTRAV 16
2/11561	FIBERTRAV 12	2/11619	FIBERTRAV 15	2/11677	FIBERTRAV 10	2/11735	FIBERTRAV 16
2/11562	FIBERTRAV 12	2/11620	FIBERTRAV 15	2/11678	FIBERTRAV 10	2/11736	FIBERTRAV 16
2/11563	FIBERTRAV 12	2/11621	FIBERTRAV 15	2/11679	FIBERTRAV 10	2/11737	FIBERTRAV 16
2/11564	FIBERTRAV 12	2/11622	FIBERTRAV 15	2/11680	FIBERTRAV 10	2/11738	FIBERTRAV 16
2/11565	FIBERTRAV 12	2/11623	FIBERTRAV 15	2/11681	FIBERTRAV 10	2/11739	FIBERTRAV 16
2/11566	FIBERTRAV 12	2/11624	FIBERTRAV 15	2/11682	FIBERTRAV 10	2/11740	FIBERTRAV 16
2/11567	FIBERTRAV 12	2/11625	FIBERTRAV 15	2/11683	FIBERTRAV 13	2/11741	FIBERTRAV 16
2/11568	FIBERTRAV 12	2/11626	FIBERTRAV 15	2/11684	FIBERTRAV 13	2/11742	FIBERTRAV 16
2/11569	FIBERTRAV 12	2/11627	FIBERTRAV 15	2/11685	FIBERTRAV 13	2/11743	FIBERTRAV 16
2/11570	FIBERTRAV 12	2/11628	FIBERTRAV 15	2/11686	FIBERTRAV 13	2/11744	FIBERTRAV 16
2/11571	FIBERTRAV 12	2/11629	FIBERTRAV 15	2/11687	FIBERTRAV 13	2/11745	FIBERTRAV 16
2/11572	FIBERTRAV 12	2/11630	FIBERTRAV 15	2/11688	FIBERTRAV 13	2/11746	FIBERTRAV 16
2/11573	FIBERTRAV 12	2/11631	FIBERTRAV 7	2/11689	FIBERTRAV 13	2/11747	FIBERTRAV 16
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2/11576	FIBERTRAV 12	2/11634	FIBERTRAV 7	2/11692	FIBERTRAV 13	2/11750	FIBERTRAV 16
2/11577	FIBERTRAV 12	2/11635	FIBERTRAV 7	2/11693	FIBERTRAV 13	2/11751	FIBERTRAV 16
2/11578	FIBERTRAV 12	2/11636	FIBERTRAV 7	2/11694	FIBERTRAV 13	2/11752	FIBERTRAV 16
2/11579	FIBERTRAV 12	2/11637	FIBERTRAV 7	2/11695	FIBERTRAV 13	2/11753	FIBERTRAV 16
2/11580	FIBERTRAV 12	2/11638	FIBERTRAV 7	2/11696	FIBERTRAV 13	2/11754	FIBERTRAV 16
2/11581	FIBERTRAV 12	2/11639	FIBERTRAV 7	2/11697	FIBERTRAV 13	2/11755	FIBERTRAV 16
2/11582	FIBERTRAV 12	2/11640	FIBERTRAV 7	2/11698	FIBERTRAV 13	2/11756	FIBERTRAV 16
2/11583	FIBERTRAV 12	2/11641	FIBERTRAV 10	2/11699	FIBERTRAV 13	2/11757	FIBERTRAV 16
2/11584	FIBERTRAV 12	2/11642	FIBERTRAV 10	2/11700	FIBERTRAV 13	2/11758	FIBERTRAV 16
2/11585	FIBERTRAV 12	2/11643	FIBERTRAV 10	2/11701	FIBERTRAV 13	2/11759	FIBERTRAV 16
2/11586	FIBERTRAV 12	2/11644	FIBERTRAV 10	2/11702	FIBERTRAV 13	2/11760	FIBERTRAV 16
2/11587	FIBERTRAV 12	2/11645	FIBERTRAV 10	2/11703	FIBERTRAV 13	2/11761	FIBERTRAV 16
2/11588	FIBERTRAV 12	2/11646	FIBERTRAV 10	2/11704	FIBERTRAV 13	2/11762	FIBERTRAV 16
2/11589	FIBERTRAV 15	2/11647	FIBERTRAV 10	2/11705	FIBERTRAV 13	2/11763	FIBERTRAV 16
2/11590	FIBERTRAV 15	2/11648	FIBERTRAV 10	2/11706	FIBERTRAV 13	2/11764	FIBERTRAV 16
2/11591	FIBERTRAV 15	2/11649	FIBERTRAV 10	2/11707	FIBERTRAV 13	2/11765	FIBERTRAV 16
2/11592	FIBERTRAV 15	2/11650	FIBERTRAV 10	2/11708	FIBERTRAV 13	2/11766	FIBERTRAV 16
2/11593	FIBERTRAV 15	2/11651	FIBERTRAV 10	2/11709	FIBERTRAV 13	2/11767	FIBERTRAV 17
2/11594	FIBERTRAV 15	2/11652	FIBERTRAV 10	2/11710	FIBERTRAV 13	2/11768	FIBERTRAV 17
2/11595	FIBERTRAV 15	2/11653	FIBERTRAV 10	2/11711	FIBERTRAV 13	2/11769	FIBERTRAV 17
2/11596	FIBERTRAV 15	2/11654	FIBERTRAV 10	2/11712	FIBERTRAV 13	2/11770	FIBERTRAV 17
2/11597	FIBERTRAV 15	2/11655	FIBERTRAV 10	2/11713	FIBERTRAV 13	2/11771	FIBERTRAV 17
2/11598	FIBERTRAV 15	2/11656	FIBERTRAV 10	2/11714	FIBERTRAV 13	2/11772	FIBERTRAV 17
2/11599	FIBERTRAV 15	2/11657	FIBERTRAV 10	2/11715	FIBERTRAV 13	2/11773	FIBERTRAV 17
2/11600	FIBERTRAV 15	2/11658	FIBERTRAV 10	2/11716	FIBERTRAV 13	2/11774	FIBERTRAV 17
2/11601	FIBERTRAV 15	2/11659	FIBERTRAV 10	2/11717	FIBERTRAV 13	2/11775	FIBERTRAV 17
2/11602	FIBERTRAV 15	2/11660	FIBERTRAV 10	2/11718	FIBERTRAV 13	2/11776	FIBERTRAV 17
2/11603	FIBERTRAV 15	2/11661	FIBERTRAV 10	2/11719	FIBERTRAV 13	2/11777	FIBERTRAV 17
2/11604	FIBERTRAV 15	2/11662	FIBERTRAV 10	2/11720	FIBERTRAV 13	2/11778	FIBERTRAV 17
2/11605	FIBERTRAV 15	2/11663	FIBERTRAV 10	2/11721	FIBERTRAV 13	2/11779	FIBERTRAV 17
2/11606	FIBERTRAV 15	2/11664	FIBERTRAV 10	2/11722	FIBERTRAV 13	2/11780	FIBERTRAV 17
2/11607	FIBERTRAV 15	2/11665	FIBERTRAV 10	2/11723	FIBERTRAV 13	2/11781	FIBERTRAV 17
2/11608	FIBERTRAV 15	2/11666	FIBERTRAV 10	2/11724	FIBERTRAV 13	2/11782	FIBERTRAV 17
2/11609	FIBERTRAV 15	2/11667	FIBERTRAV 10	2/11725	FIBERTRAV 16	2/11783	FIBERTRAV 17
2/11610	FIBERTRAV 15	2/11668	FIBERTRAV 10	2/11726	FIBERTRAV 16	2/11784	FIBERTRAV 17
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2/11613	FIBERTRAV 15	2/11671	FIBERTRAV 10	2/11729	FIBERTRAV 16	2/11787	FIBERTRAV 17
2/11614	FIBERTRAV 15	2/11672	FIBERTRAV 10	2/11730	FIBERTRAV 16	2/11788	FIBERTRAV 17
2/11615	FIBERTRAV 15	2/11673	FIBERTRAV 10	2/11731	FIBERTRAV 16	2/11789	FIBERTRAV 17
2/11616	FIBERTRAV 15	2/11674	FIBERTRAV 10	2/11732	FIBERTRAV 16	2/11790	FIBERTRAV 17

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2/11791	FIBERTRAV 17	2/11851	FIBERTRAV 18	2/11909	FIBERTRAV 21	2/11967	FIBERTRAV 22
2/11792	FIBERTRAV 17	2/11852	FIBERTRAV 18	2/11910	FIBERTRAV 21	2/11968	FIBERTRAV 22
2/11793	FIBERTRAV 19	2/11853	FIBERTRAV 18	2/11911	FIBERTRAV 21	2/11969	FIBERTRAV 22
2/11794	FIBERTRAV 19	2/11854	FIBERTRAV 18	2/11912	FIBERTRAV 21	2/11970	FIBERTRAV 22
2/11795	FIBERTRAV 19	2/11855	FIBERTRAV 18	2/11913	FIBERTRAV 21	2/11971	FIBERTRAV 22
2/11796	FIBERTRAV 19	2/11856	FIBERTRAV 18	2/11914	FIBERTRAV 21	2/11972	FIBERTRAV 22
2/11797	FIBERTRAV 19	2/11857	FIBERTRAV 18	2/11915	FIBERTRAV 21	2/11973	FIBERTRAV 22
2/11798	FIBERTRAV 19	2/11858	FIBERTRAV 18	2/11916	FIBERTRAV 21	2/11974	FIBERTRAV 22
2/11799	FIBERTRAV 19	2/11859	FIBERTRAV 18	2/11917	FIBERTRAV 21	2/11975	FIBERTRAV 22
2/11800	FIBERTRAV 19	2/11860	FIBERTRAV 18	2/11918	FIBERTRAV 21	2/11976	FIBERTRAV 22
2/11801	FIBERTRAV 19	2/11861	FIBERTRAV 18	2/11919	FIBERTRAV 21	2/11977	FIBERTRAV 22
2/11802	FIBERTRAV 19	2/11862	FIBERTRAV 18	2/11920	FIBERTRAV 21	2/11978	FIBERTRAV 22
2/11805	BASORTRAV 8, 48, 92	2/11863	FIBERTRAV 18	2/11921	FIBERTRAV 21	2/11979	FIBERTRAV 22
2/11806	FIBERTRAV 19	2/11864	FIBERTRAV 20	2/11922	FIBERTRAV 21	2/11980	FIBERTRAV 22
2/11807	FIBERTRAV 19	2/11865	FIBERTRAV 20	2/11923	FIBERTRAV 21	2/11981	FIBERTRAV 22
2/11808	FIBERTRAV 19	2/11866	FIBERTRAV 20	2/11924	FIBERTRAV 21	2/11982	FIBERTRAV 22
2/11809	FIBERTRAV 19	2/11867	FIBERTRAV 20	2/11925	FIBERTRAV 21	2/11983	FIBERTRAV 22
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2/11813	FIBERTRAV 19	2/11871	FIBERTRAV 20	2/11929	FIBERTRAV 21	2/11987	FIBERTRAV 22
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2/11817	FIBERTRAV 19	2/11875	FIBERTRAV 20	2/11933	FIBERTRAV 21	2/11991	FIBERTRAV 22
2/11818	FIBERTRAV 19	2/11876	FIBERTRAV 20	2/11934	FIBERTRAV 21	2/11992	FIBERTRAV 22
2/11819	FIBERTRAV 19	2/11877	FIBERTRAV 20	2/11935	FIBERTRAV 21	2/11993	FIBERTRAV 22
2/11820	FIBERTRAV 19	2/11878	FIBERTRAV 20	2/11936	FIBERTRAV 21	2/11994	FIBERTRAV 22
2/11821	FIBERTRAV 19	2/11879	FIBERTRAV 20	2/11937	FIBERTRAV 21	2/11995	FIBERTRAV 22
2/11822	FIBERTRAV 19	2/11880	FIBERTRAV 20	2/11938	FIBERTRAV 21	2/11996	FIBERTRAV 22
2/11823	FIBERTRAV 19	2/11881	FIBERTRAV 20	2/11939	FIBERTRAV 21	2/11997	FIBERTRAV 22
2/11824	FIBERTRAV 19	2/11882	FIBERTRAV 20	2/11940	FIBERTRAV 21	2/11998	FIBERTRAV 22
2/11825	FIBERTRAV 19	2/11883	FIBERTRAV 20	2/11941	FIBERTRAV 21	2/11999	FIBERTRAV 22
2/11826	FIBERTRAV 19	2/11884	FIBERTRAV 20	2/11942	FIBERTRAV 21	2/12000	FIBERTRAV 22
2/11827	FIBERTRAV 19	2/11885	FIBERTRAV 20	2/11943	FIBERTRAV 21	2/12001	FIBERTRAV 22
2/11828	FIBERTRAV 19	2/11886	FIBERTRAV 20	2/11944	FIBERTRAV 21	2/12002	FIBERTRAV 22
2/11829	FIBERTRAV 19	2/11887	FIBERTRAV 20	2/11945	FIBERTRAV 21	2/12003	FIBERTRAV 22
2/11830	FIBERTRAV 19	2/11888	FIBERTRAV 20	2/11946	FIBERTRAV 21	2/12004	FIBERTRAV 22
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2/11832	FIBERTRAV 19	2/11890	FIBERTRAV 20	2/11948	FIBERTRAV 21	2/12006	FIBERTRAV 22
2/11833	FIBERTRAV 19	2/11891	FIBERTRAV 20	2/11949	FIBERTRAV 21	2/12007	FIBERTRAV 22
2/11834	FIBERTRAV 19	2/11892	FIBERTRAV 20	2/11950	FIBERTRAV 21	2/12008	FIBERTRAV 22
2/11835	FIBERTRAV 19	2/11893	FIBERTRAV 20	2/11951	FIBERTRAV 21	2/12009	FIBERTRAV 22
2/11836	FIBERTRAV 19	2/11894	FIBERTRAV 20	2/11952	FIBERTRAV 21	2/12010	FIBERTRAV 22
2/11837	FIBERTRAV 19	2/11895	FIBERTRAV 20	2/11953	FIBERTRAV 21	2/12011	FIBERTRAV 22
2/11838	FIBERTRAV 18	2/11896	FIBERTRAV 20	2/11954	FIBERTRAV 21	2/12012	FIBERTRAV 22
2/11839	FIBERTRAV 18	2/11897	FIBERTRAV 20	2/11955	FIBERTRAV 21	2/12013	FIBERTRAV 22
2/11840	FIBERTRAV 18	2/11898	FIBERTRAV 20	2/11956	FIBERTRAV 21	2/12014	FIBERTRAV 23
2/11841	FIBERTRAV 18	2/11899	FIBERTRAV 20	2/11957	FIBERTRAV 21	2/12015	FIBERTRAV 23
2/11842	FIBERTRAV 18	2/11900	FIBERTRAV 20	2/11958	FIBERTRAV 21	2/12016	FIBERTRAV 23
2/11843	FIBERTRAV 18	2/11901	FIBERTRAV 20	2/11959	FIBERTRAV 21	2/12017	FIBERTRAV 23
2/11844	FIBERTRAV 18	2/11902	FIBERTRAV 20	2/11960	FIBERTRAV 22	2/12018	FIBERTRAV 23
2/11845	FIBERTRAV 18	2/11903	FIBERTRAV 20	2/11961	FIBERTRAV 22	2/12019	FIBERTRAV 23
2/11846	FIBERTRAV 18	2/11904	FIBERTRAV 20	2/11962	FIBERTRAV 22	2/12020	FIBERTRAV 23
2/11847	FIBERTRAV 18	2/11905	FIBERTRAV 20	2/11963	FIBERTRAV 22	2/12021	FIBERTRAV 23
2/11848	FIBERTRAV 18	2/11906	FIBERTRAV 21	2/11964	FIBERTRAV 22	2/12022	FIBERTRAV 23
2/11849	FIBERTRAV 18	2/11907	FIBERTRAV 21	2/11965	FIBERTRAV 22	2/12023	FIBERTRAV 23
2/11850	FIBERTRAV 18	2/11908	FIBERTRAV 21	2/11966	FIBERTRAV 22	2/12024	FIBERTRAV 23

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2/12081	BASORTRAV 93
2/12082	BASORTRAV 93

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2/12095	BASORTRAV 93
2/12096	BASORTRAV 59, 92
2/12097	BASORTRAV 53
2/12098	BASORTRAV 53
2/12099	BASORTRAV 53
2/12100	BASORTRAV 63
2/12109	BASORFIL 5
2/12112	BASORPLAST 16, 27
2/12114	BASORSUPPORT 15, 20
2/14241	BASORTRAY 30
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2/14244	BASORFIL 14
2/14253	BASORTRAY 29
2/14254	BASORSUPPORT 15
2/14255	BASORTRAY 28
2/14256	BASORTRAY 28
2/14257	BASORTRAV 13
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2/14304	BASORTRAV 14
2/14307	BASORSUPPORT 23
2/14352	BASORTRAV 13
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2/14470	FIBERTRAV 25
2/14471	FIBERTRAV 25
2/14472	BASORTRAV 93
2/14473	BASORTRAV 8, 48, 64, 69, 92
2/14480	BASORTRAY 40
2/14481	BASORTRAY 40
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2/14556	BASORTRAY 22

REF.	Family / Pg.
2/14557	BASORTRAY 22
2/14558	BASORTRAY 22
2/14559	BASORTRAY 24
2/14560	BASORTRAY 24
2/14561	BASORTRAY 24
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2/14563	BASORTRAY 24
2/14564	BASORTRAY 24
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2/14566	BASORTRAY 24
2/14567	BASORTRAY 24
2/14568	BASORTRAY 24
2/14569	BASORTRAY 24
2/14570	BASORTRAY 24
2/14571	BASORTRAY 24
2/14572	BASORTRAY 24
2/14573	BASORTRAY 24
2/14574	BASORTRAY 24
2/14575	BASORTRAY 24
2/14576	BASORTRAY 24
2/14577	BASORTRAY 24
2/14578	BASORTRAY 24
2/14579	BASORTRAY 24
2/14580	BASORTRAY 24
2/14581	BASORTRAY 24
2/14582	BASORTRAY 24
2/14583	BASORTRAY 24
2/14584	BASORTRAY 24
2/14585	BASORTRAY 24
2/14586	BASORTRAY 24
2/14587	BASORTRAY 24
2/14588	BASORTRAY 24
2/14589	BASORTRAY 24
2/14590	BASORTRAY 24
2/14591	BASORTRAY 24
2/14592	BASORTRAY 24
2/14593	BASORTRAY 24
2/14594	BASORTRAY 24
2/14595	BASORTRAY 24
2/14596	BASORTRAY 24
2/14597	BASORTRAY 24
2/14598	BASORTRAY 24
2/14599	BASORTRAY 24
2/14600	BASORTRAY 24
2/14601	BASORTRAY 24
2/14602	BASORTRAY 24
2/14603	BASORTRAY 24
2/14604	BASORTRAY 24
2/14605	BASORTRAY 24
2/14606	BASORTRAY 24
2/14607	BASORTRAY 24
2/14608	BASORTRAY 24
2/14609	BASORTRAY 24
2/14610	BASORTRAY 24
2/14611	BASORTRAY 24
2/14612	BASORTRAY 24
2/14613	BASORTRAY 24
2/14614	BASORTRAY 24

REF.	Family / Pg.
2/14615	BASORTRAV 51
2/14617	BASORTRAV 51
2/14619	BASORTRAV 51
2/14621	BASORTRAV 51
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2/14623	BASORTRAV 51
2/14624	BASORTRAV 51
2/14626	BASORTRAV 51
2/14628	BASORTRAV 51
2/14630	BASORTRAV 51
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2/14632	BASORTRAV 51
2/14633	BASORTRAV 51
2/14635	BASORTRAV 51
2/14637	BASORTRAV 51
2/14639	BASORTRAV 51
2/14640	BASORTRAV 51
2/14641	BASORTRAV 51
2/14642	BASORTUB 6
2/14642	BASORFIX 11
2/14643	BASORTUB 6
2/14643	BASORFIX 11
2/14644	BASORTUB 6
2/14644	BASORFIX 11
2/14645	BASORTUB 6
2/14645	BASORFIX 11
2/14646	BASORTUB 6
2/14646	BASORFIX 11
2/14647	BASORTUB 6
2/14647	BASORFIX 11
2/14648	BASORTUB 6
2/14648	BASORFIX 11
2/14649	BASORTUB 6
2/14649	BASORFIX 11
2/14650	BASORTUB 6
2/14650	BASORFIX 11
2/14651	BASORTRAV 15
2/14652	BASORTRAV 15
2/14653	BASORTRAV 15
2/14654	BASORTRAV 15
2/14655	BASORTRAV 15
2/14656	BASORTRAV 15
2/14657	BASORTRAV 15
2/14658	BASORTRAV 15
2/14659	BASORTRAV 15
2/14660	BASORTRAV 15
2/14661	BASORTRAV 15
2/14662	BASORTRAV 15
2/14663	BASORTRAV 15
2/14664	BASORTRAV 15
2/14665	BASORTRAV 15
2/14666	BASORTRAV 15
2/14667	BASORTRAV 15
2/14668	BASORTRAV 15
2/14669	BASORTRAV 15
2/14670	BASORTRAV 15
2/14671	BASORTRAV 15
2/14672	BASORTRAV 15

REF.	Family / Pg.
2/14673	BASORTRAV 15
2/14674	BASORTRAV 15
2/14675	BASORTRAV 15
2/14676	BASORTRAV 15
2/14677	BASORTRAV 15
2/14678	BASORTRAV 15
2/14679	BASORTRAV 15
2/14680	BASORTRAV 15
2/14681	BASORTRAV 15
2/14682	BASORTRAV 15
2/14683	BASORTRAV 15
2/14684	BASORTRAV 15
2/14685	BASORTRAV 15
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2/14687	BASORTRAV 15
2/14688	BASORTRAV 15
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2/14696	BASORTRAV 15
2/14697	BASORTRAV 15
2/14698	BASORTRAV 15
2/14699	BASORTRAV 15
2/14700	BASORTRAV 15
2/14701	BASORTRAV 15
2/14702	BASORTRAV 15
2/14703	BASORTRAV 16
2/14704	BASORTRAV 16
2/14705	BASORTRAV 16
2/14706	BASORTRAV 16
2/14707	BASORTRAV 16
2/14708	BASORTRAV 16
2/14709	BASORTRAV 16
2/14710	BASORTRAV 16
2/14711	BASORTRAV 16
2/14712	BASORTRAV 16
2/14713	BASORTRAV 16
2/14714	BASORTRAV 16
2/14715	BASORTRAV 16
2/14716	BASORTRAV 16
2/14717	BASORTRAV 16
2/14718	BASORTRAV 16
2/14719	BASORTRAV 16
2/14720	BASORTRAV 16
2/14721	BASORTRAV 16
2/14722	BASORTRAV 16
2/14723	BASORTRAV 16
2/14724	BASORTRAV 16
2/14725	BASORTRAV 16
2/14726	BASORTRAV 16
2/14727	BASORTRAV 16
2/14728	BASORTRAV 16
2/14729	BASORTRAV 19
2/14730	BASORTRAV 19

REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.
2/14731	BASORTRAV 19	2/14789	BASORTRAV 20	2/14847	BASORTRAV 23	2/14905	BASORTRAV 17
2/14732	BASORTRAV 19	2/14790	BASORTRAV 20	2/14848	BASORTRAV 23	2/14906	BASORTRAV 17
2/14733	BASORTRAV 19	2/14791	BASORTRAV 20	2/14849	BASORTRAV 23	2/14907	BASORTRAV 17
2/14734	BASORTRAV 19	2/14792	BASORTRAV 20	2/14850	BASORTRAV 23	2/14908	BASORTRAV 17
2/14735	BASORTRAV 19	2/14793	BASORTRAV 20	2/14851	BASORTRAV 23	2/14909	BASORTRAV 17
2/14736	BASORTRAV 19	2/14794	BASORTRAV 20	2/14852	BASORTRAV 23	2/14910	BASORTRAV 17
2/14737	BASORTRAV 19	2/14795	BASORTRAV 20	2/14853	BASORTRAV 23	2/14911	BASORTRAV 17
2/14738	BASORTRAV 19	2/14796	BASORTRAV 20	2/14854	BASORTRAV 23	2/14912	BASORTRAV 17
2/14739	BASORTRAV 19	2/14797	BASORTRAV 20	2/14855	BASORTRAV 23	2/14913	BASORTRAV 17
2/14740	BASORTRAV 19	2/14798	BASORTRAV 20	2/14856	BASORTRAV 23	2/14914	BASORTRAV 17
2/14741	BASORTRAV 19	2/14799	BASORTRAV 20	2/14857	BASORTRAV 23	2/14915	BASORTRAV 17
2/14742	BASORTRAV 19	2/14800	BASORTRAV 20	2/14858	BASORTRAV 23	2/14916	BASORTRAV 17
2/14743	BASORTRAV 19	2/14801	BASORTRAV 20	2/14859	BASORTRAV 23	2/14917	BASORTRAV 17
2/14744	BASORTRAV 19	2/14802	BASORTRAV 20	2/14860	BASORTRAV 24	2/14918	BASORTRAV 17
2/14745	BASORTRAV 19	2/14803	BASORTRAV 20	2/14861	BASORTRAV 24	2/14919	BASORTRAV 17
2/14746	BASORTRAV 19	2/14804	BASORTRAV 20	2/14862	BASORTRAV 24	2/14920	BASORTRAV 17
2/14747	BASORTRAV 19	2/14805	BASORTRAV 20	2/14863	BASORTRAV 24	2/14921	BASORTRAV 17
2/14748	BASORTRAV 19	2/14806	BASORTRAV 20	2/14864	BASORTRAV 24	2/14922	BASORTRAV 17
2/14749	BASORTRAV 19	2/14807	BASORTRAV 23	2/14865	BASORTRAV 24	2/14923	BASORTRAV 17
2/14750	BASORTRAV 19	2/14808	BASORTRAV 23	2/14866	BASORTRAV 24	2/14924	BASORTRAV 17
2/14751	BASORTRAV 19	2/14809	BASORSUPPORT 15, 24	2/14867	BASORTRAV 24	2/14925	BASORTRAV 17
2/14752	BASORTRAV 19	2/14810	BASORTRAV 23	2/14868	BASORTRAV 24	2/14926	BASORTRAV 17
2/14753	BASORTRAV 19	2/14811	BASORTRAV 23	2/14869	BASORTRAV 24	2/14927	BASORTRAV 17
2/14754	BASORTRAV 19	2/14812	BASORTRAV 23	2/14870	BASORTRAV 24	2/14928	BASORTRAV 17
2/14755	BASORTRAV 19	2/14813	BASORTRAV 23	2/14871	BASORTRAV 24	2/14929	BASORTRAV 17
2/14756	BASORTRAV 19	2/14814	BASORTRAV 23	2/14872	BASORTRAV 24	2/14930	BASORTRAV 17
2/14757	BASORTRAV 19	2/14815	BASORTRAV 23	2/14873	BASORTRAV 24	2/14931	BASORTRAV 17
2/14758	BASORTRAV 19	2/14816	BASORTRAV 23	2/14874	BASORTRAV 24	2/14932	BASORTRAV 17
2/14759	BASORTRAV 19	2/14817	BASORTRAV 23	2/14875	BASORTRAV 24	2/14933	BASORTRAV 17
2/14760	BASORTRAV 19	2/14818	BASORTRAV 23	2/14876	BASORTRAV 24	2/14934	BASORTRAV 17
2/14761	BASORTRAV 19	2/14819	BASORTRAV 23	2/14877	BASORTRAV 24	2/14935	BASORTRAV 17
2/14762	BASORTRAV 19	2/14820	BASORTRAV 23	2/14878	BASORTRAV 24	2/14936	BASORTRAV 17
2/14763	BASORTRAV 19	2/14821	BASORTRAV 23	2/14879	BASORTRAV 24	2/14937	BASORTRAV 17
2/14764	BASORTRAV 19	2/14822	BASORTRAV 23	2/14880	BASORTRAV 24	2/14938	BASORTRAV 67
2/14765	BASORTRAV 19	2/14823	BASORTRAV 23	2/14881	BASORTRAV 24	2/14939	BASORTRAV 67
2/14766	BASORTRAV 19	2/14824	BASORTRAV 23	2/14882	BASORTRAV 24	2/14940	BASORTRAV 67
2/14767	BASORTRAV 19	2/14825	BASORTRAV 23	2/14883	BASORTRAV 24	2/14942	BASORTRAV 75
2/14768	BASORTRAV 19	2/14826	BASORTRAV 23	2/14884	BASORTRAV 24	2/14943	BASORTRAV 75
2/14769	BASORTRAV 19	2/14827	BASORTRAV 23	2/14885	BASORTRAV 24	2/14944	BASORTRAV 75
2/14770	BASORTRAV 19	2/14828	BASORTRAV 23	2/14886	BASORTRAV 17	2/14945	BASORTRAV 76
2/14771	BASORTRAV 19	2/14829	BASORTRAV 23	2/14887	BASORTRAV 17	2/14946	BASORTRAV 76
2/14772	BASORTRAV 19	2/14830	BASORTRAV 23	2/14888	BASORTRAV 17	2/14947	BASORTRAV 76
2/14773	BASORTRAV 19	2/14831	BASORTRAV 23	2/14889	BASORTRAV 17	2/14948	BASORTRAV 77
2/14774	BASORTRAV 19	2/14832	BASORTRAV 23	2/14890	BASORTRAV 17	2/14949	BASORTRAV 77
2/14775	BASORTRAV 19	2/14833	BASORTRAV 23	2/14891	BASORTRAV 17	2/14950	BASORTRAV 77
2/14776	BASORTRAV 19	2/14834	BASORTRAV 23	2/14892	BASORTRAV 17	2/14951	BASORTRAV 81
2/14777	BASORTRAV 19	2/14835	BASORTRAV 23	2/14893	BASORTRAV 17	2/14952	BASORTRAV 81
2/14778	BASORTRAV 19	2/14836	BASORTRAV 23	2/14894	BASORTRAV 17	2/14953	BASORTRAV 81
2/14779	BASORTRAV 19	2/14837	BASORTRAV 23	2/14895	BASORTRAV 17	2/14954	BASORTRAV 81
2/14780	BASORTRAV 19	2/14838	BASORTRAV 23	2/14896	BASORTRAV 17	2/14955	BASORTRAV 81
2/14781	BASORTRAV 20	2/14839	BASORTRAV 23	2/14897	BASORTRAV 17	2/14956	BASORTRAV 81
2/14782	BASORTRAV 20	2/14840	BASORTRAV 23	2/14898	BASORTRAV 17	2/14957	BASORTRAV 81
2/14783	BASORTRAV 20	2/14841	BASORTRAV 23	2/14899	BASORTRAV 17	2/14958	BASORTRAV 81
2/14784	BASORTRAV 20	2/14842	BASORTRAV 23	2/14900	BASORTRAV 17	2/14959	BASORTRAV 81
2/14785	BASORTRAV 20	2/14843	BASORTRAV 23	2/14901	BASORTRAV 17	2/14960	BASORTRAV 82
2/14786	BASORTRAV 20	2/14844	BASORTRAV 23	2/14902	BASORTRAV 17	2/14961	BASORTRAV 82
2/14787	BASORTRAV 20	2/14845	BASORTRAV 23	2/14903	BASORTRAV 17	2/14962	BASORTRAV 82
2/14788	BASORTRAV 20	2/14846	BASORTRAV 23	2/14904	BASORTRAV 17	2/14963	BASORTRAV 82

REF.	Family / Pg.
2/14964	BASORTRAV 82
2/14965	BASORTRAV 82
2/14966	BASORTRAV 82
2/14967	BASORTRAV 82
2/14968	BASORTRAV 82
2/14969	BASORTRAV 83
2/14970	BASORTRAV 83
2/14971	BASORTRAV 83
2/14972	BASORTRAV 83
2/14973	BASORTRAV 83
2/14974	BASORTRAV 83
2/14975	BASORTRAV 83
2/14976	BASORTRAV 83
2/14977	BASORTRAV 83
2/14978	BASORTRAV 87
2/14979	BASORTRAV 87
2/14980	BASORTRAV 87
2/14981	BASORTRAV 88
2/14982	BASORTRAV 88
2/14983	BASORTRAV 88
2/14984	BASORTRAV 89
2/14985	BASORTRAV 89
2/14986	BASORTRAV 89
2/14987	BASORTRAV 90
2/14988	BASORTRAV 90
2/14989	BASORTRAV 90
2/14990	BASORTRAV 91
2/14991	BASORTRAV 91
2/14992	BASORTRAV 91
2/14993	BASORTRAY 33
2/14994	BASORTRAY 33
2/14995	BASORTRAY 33
2/14996	BASORTRAY 33
2/14997	BASORTRAY 33
2/14998	BASORTRAY 33
2/14999	BASORTRAY 33
2/15000	BASORTRAY 33
2/15001	BASORTRAY 33
2/15002	BASORTRAY 33
2/15003	BASORTRAY 33
2/15004	BASORTRAY 33
2/15005	BASORTRAY 33
2/15006	BASORTRAY 33
2/15007	BASORTRAY 34
2/15008	BASORTRAY 34
2/15009	BASORTRAY 34
2/15010	BASORTRAY 34
2/15011	BASORTRAY 34
2/15012	BASORTRAY 34
2/15013	BASORTRAY 34
2/15014	BASORTRAY 34
2/15015	BASORTRAY 34
2/15016	BASORTRAY 35
2/15017	BASORTRAY 35
2/15018	BASORTRAY 35
2/15019	BASORTRAY 35
2/15020	BASORTRAY 35
2/15021	BASORTRAY 35

REF.	Family / Pg.
2/15022	BASORTRAY 35
2/15023	BASORTRAY 35
2/15024	BASORTRAY 35
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2/15044	BASORTRAY 36
2/15045	BASORTRAY 36
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2/15058	BASORTRAY 36
2/15059	BASORTRAY 36
2/15060	BASORTRAY 36
2/15061	BASORTRAY 36
2/15062	BASORTRAV 92
2/15063	BASORTRAV 92
2/15064	BASORTRAV 92
2/15065	BASORTRAV 59
2/15066	BASORTRAY 37
2/15067	BASORTRAY 37
2/15072	BASORTRAY 38
2/15073	BASORTRAY 38
2/15085	BASORTRAY 37
2/15086	BASORTRAY 37
2/15087	BASORTRAY 37
2/15088	BASORTRAY 37
2/15089	BASORTRAY 37
2/15090	BASORTRAY 37
2/15091	BASORTRAY 37
2/15092	BASORTRAY 37
2/15093	BASORTRAY 37
2/15094	BASORTRAY 37

REF.	Family / Pg.
2/15095	BASORTRAY 37
2/15096	BASORTRAY 37
2/15097	BASORTRAY 37
2/15098	BASORTRAY 37
2/15099	BASORTRAY 37
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2/15101	BASORTRAY 37
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2/15133	BASORTRAY 40
2/15134	BASORTRAY 39
2/15135	BASORTRAY 39
2/15136	BASORTRAV 51
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2/15142	BASORTRAV 51
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2/15146	BASORTRAV 51
2/15147	BASORTRAV 51
2/15148	BASORTRAV 51
2/15149	BASORTRAV 51
2/15150	BASORTRAV 51
2/15151	BASORTRAV 51
2/15152	BASORTRAV 51
2/15153	BASORTRAV 51
2/15154	BASORTRAV 51

REF.	Family / Pg.
2/15155	BASORTRAV 51
2/15156	BASORTRAV 51
2/15157	BASORTRAV 51
2/15158	BASORTRAV 51
2/15159	BASORTRAV 51
2/15160	BASORTRAV 51
2/15161	BASORTRAV 51
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2/15163	BASORTRAV 51
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2/15205	BASORTRAV 54
2/15206	BASORTRAV 54
2/15207	BASORTRAV 54
2/15208	BASORTRAV 54
2/15209	BASORTRAV 54
2/15210	BASORTRAV 54
2/15211	BASORTRAV 54
2/15212	BASORTRAV 54

REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.
2/15213	BASORTRAV 54	2/15271	BASORTRAV 55	2/15329	BASORTRAV 57	2/15387	BASORTRAV 58
2/15214	BASORTRAV 54	2/15272	BASORTRAV 55	2/15330	BASORTRAV 57	2/15388	BASORTRAV 58
2/15215	BASORTRAV 54	2/15273	BASORTRAV 55	2/15331	BASORTRAV 57	2/15389	BASORTRAV 58
2/15216	BASORTRAV 54	2/15274	BASORTRAV 55	2/15332	BASORTRAV 57	2/15390	BASORTRAV 58
2/15217	BASORTRAV 54	2/15275	BASORTRAV 55	2/15333	BASORTRAV 57	2/15391	BASORTRAV 58
2/15218	BASORTRAV 54	2/15276	BASORTRAV 55	2/15334	BASORTRAV 57	2/15392	BASORTRAV 58
2/15219	BASORTRAV 54	2/15277	BASORTRAV 55	2/15335	BASORTRAV 57	2/15393	BASORTRAV 58
2/15220	BASORTRAV 54	2/15278	BASORTRAV 55	2/15336	BASORTRAV 57	2/15394	BASORTRAV 58
2/15221	BASORTRAV 54	2/15279	BASORTRAV 55	2/15337	BASORTRAV 57	2/15395	BASORTRAV 58
2/15222	BASORTRAV 54	2/15280	BASORTRAV 56	2/15338	BASORTRAV 57	2/15396	BASORTRAV 58
2/15223	BASORTRAV 54	2/15281	BASORTRAV 56	2/15339	BASORTRAV 57	2/15397	BASORTRAV 58
2/15224	BASORTRAV 54	2/15282	BASORTRAV 56	2/15340	BASORTRAV 57	2/15398	BASORTRAV 58
2/15225	BASORTRAV 54	2/15283	BASORTRAV 56	2/15341	BASORTRAV 57	2/15399	BASORTRAV 58
2/15226	BASORTRAV 54	2/15284	BASORTRAV 56	2/15342	BASORTRAV 57	2/15400	BASORTRAV 58
2/15227	BASORTRAV 54	2/15285	BASORTRAV 56	2/15343	BASORTRAV 57	2/15401	BASORTRAV 58
2/15228	BASORTRAV 54	2/15286	BASORTRAV 56	2/15344	BASORTRAV 57	2/15402	BASORTRAV 58
2/15229	BASORTRAV 54	2/15287	BASORTRAV 56	2/15345	BASORTRAV 57	2/15403	BASORTRAV 58
2/15230	BASORTRAV 54	2/15288	BASORTRAV 56	2/15346	BASORTRAV 57	2/15404	BASORTRAV 58
2/15231	BASORTRAV 54	2/15289	BASORTRAV 56	2/15347	BASORTRAV 57	2/15405	BASORTRAV 58
2/15232	BASORTRAV 55	2/15290	BASORTRAV 56	2/15348	BASORTRAV 57	2/15406	BASORTRAV 58
2/15233	BASORTRAV 55	2/15291	BASORTRAV 56	2/15349	BASORTRAV 57	2/15407	BASORTRAV 58
2/15234	BASORTRAV 55	2/15292	BASORTRAV 56	2/15350	BASORTRAV 57	2/15408	BASORTRAV 58
2/15235	BASORTRAV 55	2/15293	BASORTRAV 56	2/15351	BASORTRAV 57	2/15409	BASORTRAV 58
2/15236	BASORTRAV 55	2/15294	BASORTRAV 56	2/15352	BASORTRAV 57	2/15410	BASORTRAV 58
2/15237	BASORTRAV 55	2/15295	BASORTRAV 56	2/15353	BASORTRAV 57	2/15411	BASORTRAV 58
2/15238	BASORTRAV 55	2/15296	BASORTRAV 56	2/15354	BASORTRAV 57	2/15412	BASORTRAV 58
2/15239	BASORTRAV 55	2/15297	BASORTRAV 56	2/15355	BASORTRAV 57	2/15413	BASORTRAV 58
2/15240	BASORTRAV 55	2/15298	BASORTRAV 56	2/15356	BASORTRAV 57	2/15414	BASORTRAV 58
2/15241	BASORTRAV 55	2/15299	BASORTRAV 56	2/15357	BASORTRAV 57	2/15415	BASORTRAV 58
2/15242	BASORTRAV 55	2/15300	BASORTRAV 56	2/15358	BASORTRAV 57	2/15416	BASORTRAV 58
2/15243	BASORTRAV 55	2/15301	BASORTRAV 56	2/15359	BASORTRAV 57	2/15417	BASORTRAV 58
2/15244	BASORTRAV 55	2/15302	BASORTRAV 56	2/15360	BASORTRAV 57	2/15418	BASORTRAV 58
2/15245	BASORTRAV 55	2/15303	BASORTRAV 56	2/15361	BASORTRAV 57	2/15419	BASORTRAV 58
2/15246	BASORTRAV 55	2/15304	BASORTRAV 56	2/15362	BASORTRAV 57	2/15420	BASORTRAV 58
2/15247	BASORTRAV 55	2/15305	BASORTRAV 56	2/15363	BASORTRAV 57	2/15421	BASORTRAV 58
2/15248	BASORTRAV 55	2/15306	BASORTRAV 56	2/15364	BASORTRAV 57	2/15422	BASORTRAV 58
2/15249	BASORTRAV 55	2/15307	BASORTRAV 56	2/15365	BASORTRAV 57	2/15423	BASORTRAV 58
2/15250	BASORTRAV 55	2/15308	BASORTRAV 56	2/15366	BASORTRAV 57	2/15424	BASORTRAV 59
2/15251	BASORTRAV 55	2/15309	BASORTRAV 56	2/15367	BASORTRAV 57	2/15425	BASORTRAV 59
2/15252	BASORTRAV 55	2/15310	BASORTRAV 56	2/15368	BASORTRAV 57	2/15426	BASORTRAV 59
2/15253	BASORTRAV 55	2/15311	BASORTRAV 56	2/15369	BASORTRAV 57	2/15427	BASORTRAV 59
2/15254	BASORTRAV 55	2/15312	BASORTRAV 56	2/15370	BASORTRAV 57	2/15428	BASORTRAV 59
2/15255	BASORTRAV 55	2/15313	BASORTRAV 56	2/15371	BASORTRAV 57	2/15429	BASORTRAV 59
2/15256	BASORTRAV 55	2/15314	BASORTRAV 56	2/15372	BASORTRAV 57	2/15430	BASORTRAV 59
2/15257	BASORTRAV 55	2/15315	BASORTRAV 56	2/15373	BASORTRAV 57	2/15431	BASORTRAV 59
2/15258	BASORTRAV 55	2/15316	BASORTRAV 56	2/15374	BASORTRAV 57	2/15432	BASORTRAV 59
2/15259	BASORTRAV 55	2/15317	BASORTRAV 56	2/15375	BASORTRAV 57	2/15433	BASORTRAV 59
2/15260	BASORTRAV 55	2/15318	BASORTRAV 56	2/15376	BASORTRAV 58	2/15434	BASORTRAV 59
2/15261	BASORTRAV 55	2/15319	BASORTRAV 56	2/15377	BASORTRAV 58	2/15435	BASORTRAV 59
2/15262	BASORTRAV 55	2/15320	BASORTRAV 56	2/15378	BASORTRAV 58	2/15436	BASORTRAV 59
2/15263	BASORTRAV 55	2/15321	BASORTRAV 56	2/15379	BASORTRAV 58	2/15437	BASORTRAV 59
2/15264	BASORTRAV 55	2/15322	BASORTRAV 56	2/15380	BASORTRAV 58	2/15438	BASORTRAV 59
2/15265	BASORTRAV 55	2/15323	BASORTRAV 56	2/15381	BASORTRAV 58	2/15439	BASORTRAV 59
2/15266	BASORTRAV 55	2/15324	BASORTRAV 56	2/15382	BASORTRAV 58	2/15440	BASORTRAV 59
2/15267	BASORTRAV 55	2/15325	BASORTRAV 56	2/15383	BASORTRAV 58	2/15441	BASORTRAV 59
2/15268	BASORTRAV 55	2/15326	BASORTRAV 56	2/15384	BASORTRAV 58	2/15442	BASORTRAV 59
2/15269	BASORTRAV 55	2/15327	BASORTRAV 56	2/15385	BASORTRAV 58	2/15443	BASORTRAV 59
2/15270	BASORTRAV 55	2/15328	BASORTRAV 57	2/15386	BASORTRAV 58	2/15444	BASORTRAV 59

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2/15476	BASORTRAV 59
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2/15543	BASORTRAV 59
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2/15545	BASORTRAY 28, 40
2/15546	BASORTRAY 37
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2/15571	BASORTRAY 38
2/15572	BASORTRAY 38
2/15573	BASORTRAY 38
2/15574	BASORTRAY 38
2/15575	BASORTRAV 59, 92
2/15575	FIBERTRAV 25
2/15576	BASORFIL 9
2/15577	BASORTRAY 38
2/15578	BASORTRAY 38
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2/15683	BASORTRAV 21
2/15684	BASORTRAV 21
2/15685	BASORTRAV 21

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2/15686	BASORTRAV 21	2/15744	BASORTRAV 22	2/15802	BASORTRAV 25	2/15860	BASORTRAV 26
2/15687	BASORTRAV 21	2/15745	BASORTRAV 22	2/15803	BASORTRAV 25	2/15861	BASORTRAV 27
2/15688	BASORTRAV 21	2/15746	BASORTRAV 22	2/15804	BASORTRAV 25	2/15862	BASORTRAV 27
2/15689	BASORTRAV 21	2/15747	BASORTRAV 22	2/15805	BASORTRAV 25	2/15863	BASORTRAV 27
2/15690	BASORTRAV 21	2/15748	BASORTRAV 22	2/15806	BASORTRAV 25	2/15864	BASORTRAV 27
2/15691	BASORTRAV 21	2/15749	BASORTRAV 22	2/15807	BASORTRAV 25	2/15865	BASORTRAV 27
2/15692	BASORTRAV 21	2/15750	BASORTRAV 22	2/15808	BASORTRAV 25	2/15866	BASORTRAV 27
2/15693	BASORTRAV 21	2/15751	BASORTRAV 22	2/15809	BASORTRAV 25	2/15867	BASORTRAV 27
2/15694	BASORTRAV 21	2/15752	BASORTRAV 22	2/15810	BASORTRAV 25	2/15868	BASORTRAV 27
2/15695	BASORTRAV 21	2/15753	BASORTRAV 22	2/15811	BASORTRAV 26	2/15869	BASORTRAV 27
2/15696	BASORTRAV 21	2/15754	BASORTRAV 22	2/15812	BASORTRAV 26	2/15870	BASORTRAV 27
2/15697	BASORTRAV 21	2/15755	BASORTRAV 22	2/15813	BASORTRAV 26	2/15871	BASORTRAV 27
2/15698	BASORTRAV 21	2/15756	BASORTRAV 22	2/15814	BASORTRAV 26	2/15872	BASORTRAV 27
2/15699	BASORTRAV 21	2/15757	BASORTRAV 22	2/15815	BASORTRAV 26	2/15873	BASORTRAV 27
2/15700	BASORTRAV 21	2/15758	BASORTRAV 22	2/15816	BASORTRAV 26	2/15874	BASORTRAV 27
2/15701	BASORTRAV 21	2/15759	BASORTRAV 25	2/15817	BASORTRAV 26	2/15875	BASORTRAV 27
2/15702	BASORTRAV 21	2/15760	BASORTRAV 25	2/15818	BASORTRAV 26	2/15876	BASORTRAV 27
2/15703	BASORTRAV 21	2/15761	BASORTRAV 25	2/15819	BASORTRAV 26	2/15877	BASORTRAV 27
2/15704	BASORTRAV 21	2/15762	BASORTRAV 25	2/15820	BASORTRAV 26	2/15878	BASORTRAV 27
2/15705	BASORTRAV 21	2/15763	BASORTRAV 25	2/15821	BASORTRAV 26	2/15879	BASORTRAV 27
2/15706	BASORTRAV 21	2/15764	BASORTRAV 25	2/15822	BASORTRAV 26	2/15880	BASORTRAV 27
2/15707	BASORTRAV 21	2/15765	BASORTRAV 25	2/15823	BASORTRAV 26	2/15881	BASORTRAV 27
2/15708	BASORTRAV 21	2/15766	BASORTRAV 25	2/15824	BASORTRAV 26	2/15882	BASORTRAV 27
2/15709	BASORTRAV 22	2/15767	BASORTRAV 25	2/15825	BASORTRAV 26	2/15883	BASORTRAV 27
2/15710	BASORTRAV 22	2/15768	BASORTRAV 25	2/15826	BASORTRAV 26	2/15884	BASORTRAV 27
2/15711	BASORTRAV 22	2/15769	BASORTRAV 25	2/15827	BASORTRAV 26	2/15885	BASORTRAV 27
2/15712	BASORTRAV 22	2/15770	BASORTRAV 25	2/15828	BASORTRAV 26	2/15886	BASORTRAV 27
2/15713	BASORTRAV 22	2/15771	BASORTRAV 25	2/15829	BASORTRAV 26	2/15887	BASORTRAV 28
2/15714	BASORTRAV 22	2/15772	BASORTRAV 25	2/15830	BASORTRAV 26	2/15888	BASORTRAV 28
2/15715	BASORTRAV 22	2/15773	BASORTRAV 25	2/15831	BASORTRAV 26	2/15889	BASORTRAV 28
2/15716	BASORTRAV 22	2/15774	BASORTRAV 25	2/15832	BASORTRAV 26	2/15890	BASORTRAV 28
2/15717	BASORTRAV 22	2/15775	BASORTRAV 25	2/15833	BASORTRAV 26	2/15891	BASORTRAV 28
2/15718	BASORTRAV 22	2/15776	BASORTRAV 25	2/15834	BASORTRAV 26	2/15892	BASORTRAV 28
2/15719	BASORTRAV 22	2/15777	BASORTRAV 25	2/15835	BASORTRAV 26	2/15893	BASORTRAV 28
2/15720	BASORTRAV 22	2/15778	BASORTRAV 25	2/15836	BASORTRAV 26	2/15894	BASORTRAV 28
2/15721	BASORTRAV 22	2/15779	BASORTRAV 25	2/15837	BASORTRAV 26	2/15895	BASORTRAV 28
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2/15723	BASORTRAV 22	2/15781	BASORTRAV 25	2/15839	BASORTRAV 26	2/15897	BASORTRAV 28
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2/15725	BASORTRAV 22	2/15783	BASORTRAV 25	2/15841	BASORTRAV 26	2/15899	BASORTRAV 28
2/15726	BASORTRAV 22	2/15784	BASORTRAV 25	2/15842	BASORTRAV 26	2/15900	BASORTRAV 28
2/15727	BASORTRAV 22	2/15785	BASORTRAV 25	2/15843	BASORTRAV 26	2/15901	BASORTRAV 28
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2/15737	BASORTRAV 22	2/15795	BASORTRAV 25	2/15853	BASORTRAV 26	2/15911	BASORTRAV 28
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2/15742	BASORTRAV 22	2/15800	BASORTRAV 25	2/15858	BASORTRAV 26	2/15916	BASORTRAV 29
2/15743	BASORTRAV 22	2/15801	BASORTRAV 25	2/15859	BASORTRAV 26	2/15917	BASORTRAV 29

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2/15975	BASORTRAV 30

REF.	Family / Pg.
2/15976	BASORTRAV 30
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2/16012	BASORTRAV 30
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2/16019	BASORTRAV 33
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2/16029	BASORTRAV 33
2/16030	BASORTRAV 33
2/16031	BASORTRAV 33
2/16032	BASORTRAV 33
2/16033	BASORTRAV 33

REF.	Family / Pg.
2/16034	BASORTRAV 33
2/16035	BASORTRAV 33
2/16036	BASORTRAV 33
2/16037	BASORTRAV 33
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2/16043	BASORTRAV 33
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2/16067	BASORTRAV 33
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2/16072	BASORTRAV 34
2/16073	BASORTRAV 34
2/16074	BASORTRAV 34
2/16075	BASORTRAV 34
2/16076	BASORTRAV 34
2/16077	BASORTRAV 34
2/16078	BASORTRAV 34
2/16079	BASORTRAV 34
2/16080	BASORTRAV 34
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2/16090	BASORTRAV 34
2/16091	BASORTRAV 34

REF.	Family / Pg.
2/16092	BASORTRAV 34
2/16093	BASORTRAV 34
2/16094	BASORTRAV 34
2/16095	BASORTRAV 34
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2/16097	BASORTRAV 34
2/16098	BASORTRAV 34
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2/16120	BASORTRAV 34
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2/16135	BASORTRAV 37
2/16136	BASORTRAV 37
2/16137	BASORTRAV 37
2/16138	BASORTRAV 37
2/16139	BASORTRAV 37
2/16140	BASORTRAV 37
2/16141	BASORTRAV 37
2/16142	BASORTRAV 37
2/16143	BASORTRAV 37
2/16144	BASORTRAV 37
2/16145	BASORTRAV 37
2/16146	BASORTRAV 37
2/16147	BASORTRAV 37
2/16148	BASORTRAV 37
2/16149	BASORTRAV 37

REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.
2/16150	BASORTRAV 37	2/16208	BASORTRAV 38	2/16266	BASORTRAV 42	2/16324	BASORTRAV 31
2/16151	BASORTRAV 37	2/16209	BASORTRAV 38	2/16267	BASORTRAV 42	2/16325	BASORTRAV 31
2/16152	BASORTRAV 37	2/16210	BASORTRAV 38	2/16268	BASORTRAV 42	2/16326	BASORTRAV 31
2/16153	BASORTRAV 37	2/16211	BASORTRAV 38	2/16269	BASORTRAV 42	2/16327	BASORTRAV 31
2/16154	BASORTRAV 37	2/16212	BASORTRAV 38	2/16270	BASORTRAV 42	2/16328	BASORTRAV 31
2/16155	BASORTRAV 37	2/16213	BASORTRAV 38	2/16271	BASORTRAV 42	2/16329	BASORTRAV 32
2/16156	BASORTRAV 37	2/16214	BASORTRAV 38	2/16272	BASORTRAV 42	2/16330	BASORTRAV 32
2/16157	BASORTRAV 37	2/16215	BASORTRAV 38	2/16273	BASORTRAV 42	2/16331	BASORTRAV 32
2/16158	BASORTRAV 37	2/16216	BASORTRAV 38	2/16274	BASORTRAV 42	2/16332	BASORTRAV 32
2/16159	BASORTRAV 37	2/16217	BASORTRAV 38	2/16275	BASORTRAV 42	2/16333	BASORTRAV 32
2/16160	BASORTRAV 37	2/16218	BASORTRAV 38	2/16276	BASORTRAV 42	2/16334	BASORTRAV 32
2/16161	BASORTRAV 37	2/16219	BASORTRAV 38	2/16277	BASORTRAV 31	2/16335	BASORTRAV 32
2/16162	BASORTRAV 37	2/16220	BASORTRAV 38	2/16278	BASORTRAV 31	2/16336	BASORTRAV 32
2/16163	BASORTRAV 37	2/16221	BASORTRAV 38	2/16279	BASORTRAV 31	2/16337	BASORTRAV 32
2/16164	BASORTRAV 37	2/16222	BASORTRAV 38	2/16280	BASORTRAV 31	2/16338	BASORTRAV 32
2/16165	BASORTRAV 37	2/16223	BASORTRAV 38	2/16281	BASORTRAV 31	2/16339	BASORTRAV 32
2/16166	BASORTRAV 37	2/16224	BASORTRAV 38	2/16282	BASORTRAV 31	2/16340	BASORTRAV 32
2/16167	BASORTRAV 37	2/16225	BASORTRAV 41	2/16283	BASORTRAV 31	2/16341	BASORTRAV 32
2/16168	BASORTRAV 37	2/16226	BASORTRAV 41	2/16284	BASORTRAV 31	2/16342	BASORTRAV 32
2/16169	BASORTRAV 37	2/16227	BASORTRAV 41	2/16285	BASORTRAV 31	2/16343	BASORTRAV 32
2/16170	BASORTRAV 37	2/16228	BASORTRAV 41	2/16286	BASORTRAV 31	2/16344	BASORTRAV 32
2/16171	BASORTRAV 37	2/16229	BASORTRAV 41	2/16287	BASORTRAV 31	2/16345	BASORTRAV 32
2/16172	BASORTRAV 37	2/16230	BASORTRAV 41	2/16288	BASORTRAV 31	2/16346	BASORTRAV 32
2/16173	BASORTRAV 38	2/16231	BASORTRAV 41	2/16289	BASORTRAV 31	2/16347	BASORTRAV 32
2/16174	BASORTRAV 38	2/16232	BASORTRAV 41	2/16290	BASORTRAV 31	2/16348	BASORTRAV 32
2/16175	BASORTRAV 38	2/16233	BASORTRAV 41	2/16291	BASORTRAV 31	2/16349	BASORTRAV 32
2/16176	BASORTRAV 38	2/16234	BASORTRAV 41	2/16292	BASORTRAV 31	2/16350	BASORTRAV 32
2/16177	BASORTRAV 38	2/16235	BASORTRAV 41	2/16293	BASORTRAV 31	2/16351	BASORTRAV 32
2/16178	BASORTRAV 38	2/16236	BASORTRAV 41	2/16294	BASORTRAV 31	2/16352	BASORTRAV 32
2/16179	BASORTRAV 38	2/16237	BASORTRAV 41	2/16295	BASORTRAV 31	2/16353	BASORTRAV 32
2/16180	BASORTRAV 38	2/16238	BASORTRAV 41	2/16296	BASORTRAV 31	2/16354	BASORTRAV 32
2/16181	BASORTRAV 38	2/16239	BASORTRAV 41	2/16297	BASORTRAV 31	2/16355	BASORTRAV 32
2/16182	BASORTRAV 38	2/16240	BASORTRAV 41	2/16298	BASORTRAV 31	2/16356	BASORTRAV 32
2/16183	BASORTRAV 38	2/16241	BASORTRAV 41	2/16299	BASORTRAV 31	2/16357	BASORTRAV 32
2/16184	BASORTRAV 38	2/16242	BASORTRAV 41	2/16300	BASORTRAV 31	2/16358	BASORTRAV 32
2/16185	BASORTRAV 38	2/16243	BASORTRAV 41	2/16301	BASORTRAV 31	2/16359	BASORTRAV 32
2/16186	BASORTRAV 38	2/16244	BASORTRAV 41	2/16302	BASORTRAV 31	2/16360	BASORTRAV 32
2/16187	BASORTRAV 38	2/16245	BASORTRAV 41	2/16303	BASORTRAV 31	2/16361	BASORTRAV 32
2/16188	BASORTRAV 38	2/16246	BASORTRAV 41	2/16304	BASORTRAV 31	2/16362	BASORTRAV 32
2/16189	BASORTRAV 38	2/16247	BASORTRAV 41	2/16305	BASORTRAV 31	2/16363	BASORTRAV 32
2/16190	BASORTRAV 38	2/16248	BASORTRAV 41	2/16306	BASORTRAV 31	2/16364	BASORTRAV 32
2/16191	BASORTRAV 38	2/16249	BASORTRAV 41	2/16307	BASORTRAV 31	2/16365	BASORTRAV 32
2/16192	BASORTRAV 38	2/16250	BASORTRAV 41	2/16308	BASORTRAV 31	2/16366	BASORTRAV 32
2/16193	BASORTRAV 38	2/16251	BASORTRAV 42	2/16309	BASORTRAV 31	2/16367	BASORTRAV 32
2/16194	BASORTRAV 38	2/16252	BASORTRAV 42	2/16310	BASORTRAV 31	2/16368	BASORTRAV 32
2/16195	BASORTRAV 38	2/16253	BASORTRAV 42	2/16311	BASORTRAV 31	2/16369	BASORTRAV 32
2/16196	BASORTRAV 38	2/16254	BASORTRAV 42	2/16312	BASORTRAV 31	2/16370	BASORTRAV 32
2/16197	BASORTRAV 38	2/16255	BASORTRAV 42	2/16313	BASORTRAV 31	2/16371	BASORTRAV 32
2/16198	BASORTRAV 38	2/16256	BASORTRAV 42	2/16314	BASORTRAV 31	2/16372	BASORTRAV 32
2/16199	BASORTRAV 38	2/16257	BASORTRAV 42	2/16315	BASORTRAV 31	2/16373	BASORTRAV 32
2/16200	BASORTRAV 38	2/16258	BASORTRAV 42	2/16316	BASORTRAV 31	2/16374	BASORTRAV 32
2/16201	BASORTRAV 38	2/16259	BASORTRAV 42	2/16317	BASORTRAV 31	2/16375	BASORTRAV 32
2/16202	BASORTRAV 38	2/16260	BASORTRAV 42	2/16318	BASORTRAV 31	2/16376	BASORTRAV 32
2/16203	BASORTRAV 38	2/16261	BASORTRAV 42	2/16319	BASORTRAV 31	2/16377	BASORTRAV 32
2/16204	BASORTRAV 38	2/16262	BASORTRAV 42	2/16320	BASORTRAV 31	2/16378	BASORTRAV 32
2/16205	BASORTRAV 38	2/16263	BASORTRAV 42	2/16321	BASORTRAV 31	2/16379	BASORTRAV 32
2/16206	BASORTRAV 38	2/16264	BASORTRAV 42	2/16322	BASORTRAV 31	2/16380	BASORTRAV 32
2/16207	BASORTRAV 38	2/16265	BASORTRAV 42	2/16323	BASORTRAV 31	2/16381	BASORTRAV 35

REF.	Family / Pg.
2/16382	BASORTRAV 35
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2/16387	BASORTRAV 35
2/16388	BASORTRAV 35
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2/16393	BASORTRAV 35
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2/16399	BASORTRAV 35
2/16400	BASORTRAV 35
2/16401	BASORTRAV 35
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2/16403	BASORTRAV 35
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2/16407	BASORTRAV 35
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2/16409	BASORTRAV 35
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2/16438	BASORTRAV 36
2/16439	BASORTRAV 36

REF.	Family / Pg.
2/16440	BASORTRAV 36
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2/16497	BASORTRAV 39

REF.	Family / Pg.
2/16498	BASORTRAV 39
2/16499	BASORTRAV 39
2/16500	BASORTRAV 39
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REF.	Family / Pg.
2/16556	BASORTRAV 40
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2/16559	BASORTRAV 40
2/16560	BASORTRAV 40
2/16561	BASORTRAV 40
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2/16601	BASORTRAV 41
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2/16604	BASORTRAV 41
2/16605	BASORTRAV 41
2/16606	BASORTRAV 41
2/16607	BASORTRAV 41
2/16608	BASORTRAV 41
2/16609	BASORTRAV 41
2/16610	BASORTRAV 41
2/16611	BASORTRAV 41
2/16612	BASORTRAV 41
2/16613	BASORTRAV 41

REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.	REF.	Family / Pg.
2/16614	BASORTRAV 41	2/16672	BASORTRAV 55	2/16730	BASORTRAV 57	2/16788	BASORTRAV 54
2/16615	BASORTRAV 42	2/16673	BASORTRAV 55	2/16731	BASORTRAV 57	2/16789	BASORTRAV 54
2/16616	BASORTRAV 42	2/16674	BASORTRAV 55	2/16732	BASORTRAV 57	2/16790	BASORTRAV 54
2/16617	BASORTRAV 42	2/16675	BASORTRAV 55	2/16733	BASORTRAV 57	2/16791	BASORTRAV 55
2/16618	BASORTRAV 42	2/16676	BASORTRAV 55	2/16734	BASORTRAV 57	2/16792	BASORTRAV 55
2/16619	BASORTRAV 42	2/16677	BASORTRAV 55	2/16735	BASORTRAV 57	2/16793	BASORTRAV 55
2/16620	BASORTRAV 42	2/16678	BASORTRAV 55	2/16736	BASORTRAV 57	2/16794	BASORTRAV 55
2/16621	BASORTRAV 42	2/16679	BASORTRAV 55	2/16737	BASORTRAV 57	2/16795	BASORTRAV 55
2/16622	BASORTRAV 42	2/16680	BASORTRAV 55	2/16738	BASORTRAV 57	2/16796	BASORTRAV 55
2/16623	BASORTRAV 42	2/16681	BASORTRAV 55	2/16739	BASORTRAV 57	2/16797	BASORTRAV 55
2/16624	BASORTRAV 42	2/16682	BASORTRAV 55	2/16740	BASORTRAV 57	2/16798	BASORTRAV 55
2/16625	BASORTRAV 42	2/16683	BASORTRAV 55	2/16741	BASORTRAV 58	2/16799	BASORTRAV 55
2/16626	BASORTRAV 42	2/16684	BASORTRAV 55	2/16742	BASORTRAV 58	2/16800	BASORTRAV 55
2/16627	BASORTRAV 42	2/16685	BASORTRAV 55	2/16743	BASORTRAV 58	2/16801	BASORTRAV 55
2/16628	BASORTRAV 42	2/16686	BASORTRAV 55	2/16744	BASORTRAV 58	2/16802	BASORTRAV 55
2/16629	BASORTRAV 42	2/16687	BASORTRAV 55	2/16745	BASORTRAV 58	2/16803	BASORTRAV 55
2/16630	BASORTRAV 42	2/16688	BASORTRAV 55	2/16746	BASORTRAV 58	2/16804	BASORTRAV 55
2/16631	BASORTRAV 42	2/16689	BASORTRAV 55	2/16747	BASORTRAV 58	2/16805	BASORTRAV 55
2/16632	BASORTRAV 42	2/16690	BASORTRAV 55	2/16748	BASORTRAV 58	2/16806	BASORTRAV 55
2/16633	BASORTRAV 42	2/16691	BASORTRAV 56	2/16749	BASORTRAV 58	2/16807	BASORTRAV 55
2/16634	BASORTRAV 42	2/16692	BASORTRAV 56	2/16750	BASORTRAV 58	2/16808	BASORTRAV 55
2/16635	BASORTRAV 42	2/16693	BASORTRAV 56	2/16751	BASORTRAV 58	2/16809	BASORTRAV 55
2/16636	BASORTRAV 42	2/16694	BASORTRAV 56	2/16752	BASORTRAV 58	2/16810	BASORTRAV 55
2/16637	BASORTRAV 42	2/16695	BASORTRAV 56	2/16753	BASORTRAV 58	2/16811	BASORTRAV 55
2/16638	BASORTRAV 42	2/16696	BASORTRAV 56	2/16754	BASORTRAV 58	2/16812	BASORTRAV 55
2/16639	BASORTRAV 42	2/16697	BASORTRAV 56	2/16755	BASORTRAV 58	2/16813	BASORTRAV 55
2/16640	BASORTRAV 42	2/16698	BASORTRAV 56	2/16756	BASORTRAV 58	2/16814	BASORTRAV 55
2/16641	BASORTRAV 54	2/16699	BASORTRAV 56	2/16757	BASORTRAV 58	2/16815	BASORTRAV 55
2/16642	BASORTRAV 54	2/16700	BASORTRAV 56	2/16758	BASORTRAV 58	2/16816	BASORTRAV 56
2/16643	BASORTRAV 54	2/16701	BASORTRAV 56	2/16759	BASORTRAV 58	2/16817	BASORTRAV 56
2/16644	BASORTRAV 54	2/16702	BASORTRAV 56	2/16760	BASORTRAV 58	2/16818	BASORTRAV 56
2/16645	BASORTRAV 54	2/16703	BASORTRAV 56	2/16761	BASORTRAV 58	2/16819	BASORTRAV 56
2/16646	BASORTRAV 54	2/16704	BASORTRAV 56	2/16762	BASORTRAV 58	2/16820	BASORTRAV 56
2/16647	BASORTRAV 54	2/16705	BASORTRAV 56	2/16763	BASORTRAV 58	2/16821	BASORTRAV 56
2/16648	BASORTRAV 54	2/16706	BASORTRAV 56	2/16764	BASORTRAV 58	2/16822	BASORTRAV 56
2/16649	BASORTRAV 54	2/16707	BASORTRAV 56	2/16765	BASORTRAV 58	2/16823	BASORTRAV 56
2/16650	BASORTRAV 54	2/16708	BASORTRAV 56	2/16766	BASORTRAV 54	2/16824	BASORTRAV 56
2/16651	BASORTRAV 54	2/16709	BASORTRAV 56	2/16767	BASORTRAV 54	2/16825	BASORTRAV 56
2/16652	BASORTRAV 54	2/16710	BASORTRAV 56	2/16768	BASORTRAV 54	2/16826	BASORTRAV 56
2/16653	BASORTRAV 54	2/16711	BASORTRAV 56	2/16769	BASORTRAV 54	2/16827	BASORTRAV 56
2/16654	BASORTRAV 54	2/16712	BASORTRAV 56	2/16770	BASORTRAV 54	2/16828	BASORTRAV 56
2/16655	BASORTRAV 54	2/16713	BASORTRAV 56	2/16771	BASORTRAV 54	2/16829	BASORTRAV 56
2/16656	BASORTRAV 54	2/16714	BASORTRAV 56	2/16772	BASORTRAV 54	2/16830	BASORTRAV 56
2/16657	BASORTRAV 54	2/16715	BASORTRAV 56	2/16773	BASORTRAV 54	2/16831	BASORTRAV 56
2/16658	BASORTRAV 54	2/16716	BASORTRAV 57	2/16774	BASORTRAV 54	2/16832	BASORTRAV 56
2/16659	BASORTRAV 54	2/16717	BASORTRAV 57	2/16775	BASORTRAV 54	2/16833	BASORTRAV 56
2/16660	BASORTRAV 54	2/16718	BASORTRAV 57	2/16776	BASORTRAV 54	2/16834	BASORTRAV 56
2/16661	BASORTRAV 54	2/16719	BASORTRAV 57	2/16777	BASORTRAV 54	2/16835	BASORTRAV 56
2/16662	BASORTRAV 54	2/16720	BASORTRAV 57	2/16778	BASORTRAV 54	2/16836	BASORTRAV 56
2/16663	BASORTRAV 54	2/16721	BASORTRAV 57	2/16779	BASORTRAV 54	2/16837	BASORTRAV 56
2/16664	BASORTRAV 54	2/16722	BASORTRAV 57	2/16780	BASORTRAV 54	2/16838	BASORTRAV 56
2/16665	BASORTRAV 54	2/16723	BASORTRAV 57	2/16781	BASORTRAV 54	2/16839	BASORTRAV 56
2/16666	BASORTRAV 55	2/16724	BASORTRAV 57	2/16782	BASORTRAV 54	2/16840	BASORTRAV 56
2/16667	BASORTRAV 55	2/16725	BASORTRAV 57	2/16783	BASORTRAV 54	2/16841	BASORTRAV 57
2/16668	BASORTRAV 55	2/16726	BASORTRAV 57	2/16784	BASORTRAV 54	2/16842	BASORTRAV 57
2/16669	BASORTRAV 55	2/16727	BASORTRAV 57	2/16785	BASORTRAV 54	2/16843	BASORTRAV 57
2/16670	BASORTRAV 55	2/16728	BASORTRAV 57	2/16786	BASORTRAV 54	2/16844	BASORTRAV 57
2/16671	BASORTRAV 55	2/16729	BASORTRAV 57	2/16787	BASORTRAV 54	2/16845	BASORTRAV 57

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2/16846	BASORTRAV 57	2/16904	BASORTRAV 54	2/16962	BASORTRAV 56	2/17020	BASORTRAV 54
2/16847	BASORTRAV 57	2/16905	BASORTRAV 54	2/16963	BASORTRAV 56	2/17021	BASORTRAV 54
2/16848	BASORTRAV 57	2/16906	BASORTRAV 54	2/16964	BASORTRAV 56	2/17022	BASORTRAV 54
2/16849	BASORTRAV 57	2/16907	BASORTRAV 54	2/16965	BASORTRAV 56	2/17023	BASORTRAV 54
2/16850	BASORTRAV 57	2/16908	BASORTRAV 54	2/16966	BASORTRAV 57	2/17024	BASORTRAV 54
2/16851	BASORTRAV 57	2/16909	BASORTRAV 54	2/16967	BASORTRAV 57	2/17025	BASORTRAV 54
2/16852	BASORTRAV 57	2/16910	BASORTRAV 54	2/16968	BASORTRAV 57	2/17026	BASORTRAV 54
2/16853	BASORTRAV 57	2/16911	BASORTRAV 54	2/16969	BASORTRAV 57	2/17027	BASORTRAV 54
2/16854	BASORTRAV 57	2/16912	BASORTRAV 54	2/16970	BASORTRAV 57	2/17028	BASORTRAV 54
2/16855	BASORTRAV 57	2/16913	BASORTRAV 54	2/16971	BASORTRAV 57	2/17029	BASORTRAV 54
2/16856	BASORTRAV 57	2/16914	BASORTRAV 54	2/16972	BASORTRAV 57	2/17030	BASORTRAV 54
2/16857	BASORTRAV 57	2/16915	BASORTRAV 54	2/16973	BASORTRAV 57	2/17031	BASORTRAV 54
2/16858	BASORTRAV 57	2/16916	BASORTRAV 55	2/16974	BASORTRAV 57	2/17032	BASORTRAV 54
2/16859	BASORTRAV 57	2/16917	BASORTRAV 55	2/16975	BASORTRAV 57	2/17033	BASORTRAV 54
2/16860	BASORTRAV 57	2/16918	BASORTRAV 55	2/16976	BASORTRAV 57	2/17034	BASORTRAV 54
2/16861	BASORTRAV 57	2/16919	BASORTRAV 55	2/16977	BASORTRAV 57	2/17035	BASORTRAV 54
2/16862	BASORTRAV 57	2/16920	BASORTRAV 55	2/16978	BASORTRAV 57	2/17036	BASORTRAV 54
2/16863	BASORTRAV 57	2/16921	BASORTRAV 55	2/16979	BASORTRAV 57	2/17037	BASORTRAV 54
2/16864	BASORTRAV 57	2/16922	BASORTRAV 55	2/16980	BASORTRAV 57	2/17038	BASORTRAV 54
2/16865	BASORTRAV 57	2/16923	BASORTRAV 55	2/16981	BASORTRAV 57	2/17039	BASORTRAV 54
2/16866	BASORTRAV 58	2/16924	BASORTRAV 55	2/16982	BASORTRAV 57	2/17040	BASORTRAV 54
2/16867	BASORTRAV 58	2/16925	BASORTRAV 55	2/16983	BASORTRAV 57	2/17041	BASORTRAV 55
2/16868	BASORTRAV 58	2/16926	BASORTRAV 55	2/16984	BASORTRAV 57	2/17042	BASORTRAV 55
2/16869	BASORTRAV 58	2/16927	BASORTRAV 55	2/16985	BASORTRAV 57	2/17043	BASORTRAV 55
2/16870	BASORTRAV 58	2/16928	BASORTRAV 55	2/16986	BASORTRAV 57	2/17044	BASORTRAV 55
2/16871	BASORTRAV 58	2/16929	BASORTRAV 55	2/16987	BASORTRAV 57	2/17045	BASORTRAV 55
2/16872	BASORTRAV 58	2/16930	BASORTRAV 55	2/16988	BASORTRAV 57	2/17046	BASORTRAV 55
2/16873	BASORTRAV 58	2/16931	BASORTRAV 55	2/16989	BASORTRAV 57	2/17047	BASORTRAV 55
2/16874	BASORTRAV 58	2/16932	BASORTRAV 55	2/16990	BASORTRAV 57	2/17048	BASORTRAV 55
2/16875	BASORTRAV 58	2/16933	BASORTRAV 55	2/16991	BASORTRAV 58	2/17049	BASORTRAV 55
2/16876	BASORTRAV 58	2/16934	BASORTRAV 55	2/16992	BASORTRAV 58	2/17050	BASORTRAV 55
2/16877	BASORTRAV 58	2/16935	BASORTRAV 55	2/16993	BASORTRAV 58	2/17051	BASORTRAV 55
2/16878	BASORTRAV 58	2/16936	BASORTRAV 55	2/16994	BASORTRAV 58	2/17052	BASORTRAV 55
2/16879	BASORTRAV 58	2/16937	BASORTRAV 55	2/16995	BASORTRAV 58	2/17053	BASORTRAV 55
2/16880	BASORTRAV 58	2/16938	BASORTRAV 55	2/16996	BASORTRAV 58	2/17054	BASORTRAV 55
2/16881	BASORTRAV 58	2/16939	BASORTRAV 55	2/16997	BASORTRAV 58	2/17055	BASORTRAV 55
2/16882	BASORTRAV 58	2/16940	BASORTRAV 55	2/16998	BASORTRAV 58	2/17056	BASORTRAV 55
2/16883	BASORTRAV 58	2/16941	BASORTRAV 56	2/16999	BASORTRAV 58	2/17057	BASORTRAV 55
2/16884	BASORTRAV 58	2/16942	BASORTRAV 56	2/17000	BASORTRAV 58	2/17058	BASORTRAV 55
2/16885	BASORTRAV 58	2/16943	BASORTRAV 56	2/17001	BASORTRAV 58	2/17059	BASORTRAV 55
2/16886	BASORTRAV 58	2/16944	BASORTRAV 56	2/17002	BASORTRAV 58	2/17060	BASORTRAV 55
2/16887	BASORTRAV 58	2/16945	BASORTRAV 56	2/17003	BASORTRAV 58	2/17061	BASORTRAV 55
2/16888	BASORTRAV 58	2/16946	BASORTRAV 56	2/17004	BASORTRAV 58	2/17062	BASORTRAV 55
2/16889	BASORTRAV 58	2/16947	BASORTRAV 56	2/17005	BASORTRAV 58	2/17063	BASORTRAV 55
2/16890	BASORTRAV 58	2/16948	BASORTRAV 56	2/17006	BASORTRAV 58	2/17064	BASORTRAV 55
2/16891	BASORTRAV 54	2/16949	BASORTRAV 56	2/17007	BASORTRAV 58	2/17065	BASORTRAV 55
2/16892	BASORTRAV 54	2/16950	BASORTRAV 56	2/17008	BASORTRAV 58	2/17066	BASORTRAV 56
2/16893	BASORTRAV 54	2/16951	BASORTRAV 56	2/17009	BASORTRAV 58	2/17067	BASORTRAV 56
2/16894	BASORTRAV 54	2/16952	BASORTRAV 56	2/17010	BASORTRAV 58	2/17068	BASORTRAV 56
2/16895	BASORTRAV 54	2/16953	BASORTRAV 56	2/17011	BASORTRAV 58	2/17069	BASORTRAV 56
2/16896	BASORTRAV 54	2/16954	BASORTRAV 56	2/17012	BASORTRAV 58	2/17070	BASORTRAV 56
2/16897	BASORTRAV 54	2/16955	BASORTRAV 56	2/17013	BASORTRAV 58	2/17071	BASORTRAV 56
2/16898	BASORTRAV 54	2/16956	BASORTRAV 56	2/17014	BASORTRAV 58	2/17072	BASORTRAV 56
2/16899	BASORTRAV 54	2/16957	BASORTRAV 56	2/17015	BASORTRAV 58	2/17073	BASORTRAV 56
2/16900	BASORTRAV 54	2/16958	BASORTRAV 56	2/17016	BASORTRAV 54	2/17074	BASORTRAV 56
2/16901	BASORTRAV 54	2/16959	BASORTRAV 56	2/17017	BASORTRAV 54	2/17075	BASORTRAV 56
2/16902	BASORTRAV 54	2/16960	BASORTRAV 56	2/17018	BASORTRAV 54	2/17076	BASORTRAV 56
2/16903	BASORTRAV 54	2/16961	BASORTRAV 56	2/17019	BASORTRAV 54	2/17077	BASORTRAV 56

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2/17078	BASORTRAV 56
2/17079	BASORTRAV 56
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2/17094	BASORTRAV 57
2/17095	BASORTRAV 57
2/17096	BASORTRAV 57
2/17097	BASORTRAV 57
2/17098	BASORTRAV 57
2/17099	BASORTRAV 57
2/17100	BASORTRAV 57
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2/17102	BASORTRAV 57
2/17103	BASORTRAV 57
2/17104	BASORTRAV 57
2/17105	BASORTRAV 57
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2/17134	BASORTRAV 58
2/17135	BASORTRAV 58

REF.	Family / Pg.
2/17136	BASORTRAV 58
2/17137	BASORTRAV 58
2/17138	BASORTRAV 58
2/17139	BASORTRAV 58
2/17140	BASORTRAV 58
2/17141	BASORSUPPORT 9
2/17142	BASORSUPPORT 9
2/17143	BASORSUPPORT 9
2/17144	BASORSUPPORT 9
2/17145	BASORSUPPORT 9
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2/17147	BASORSUPPORT 9
2/17148	BASORSUPPORT 15, 20
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2/17150	BASORSUPPORT 15, 20
2/17151	BASORTRAV 67
2/17151	BASORSUPPORT 15
2/17152	BASORTRAV 67
2/17152	BASORSUPPORT 15
2/17153	BASORTRAV 67
2/17153	BASORSUPPORT 15
2/17154	BASORTRAV 67
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2/17169	BASORTRAV 68
2/17170	BASORTRAV 68
2/17171	BASORTRAV 68
2/17172	BASORTRAV 68
2/17173	BASORTRAY 59
2/17174	BASORTRAY 59
2/17175	BASORTRAY 59
2/17176	BASORTRAY 59
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2/17178	BASORTRAY 59
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2/17190	BASORTRAY 59

REF.	Family / Pg.
2/17191	BASORTRAY 59
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2/17212	BASORTRAY 59
2/17213	BASORTRAV 43
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2/17248	BASORTRAV 44

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2/17249	BASORTRAV 44
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2/17263	BASORTRAV 45
2/17264	BASORTRAV 45
2/17265	BASORTRAV 45
2/17266	BASORTRAV 45
2/17267	BASORTRAY 7
2/17268	BASORTRAY 7
2/17269	BASORTRAY 59
2/17270	BASORTRAY 59
2/17271	BASORTRAY 59
2/17272	BASORTRAY 59
2/17273	BASORTRAV 95
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2/17278	BASORTRAV 95
2/17279	BASORTRAV 95
2/17280	FIBERTRAV 25
2/17281	BASORPLAST 16
2/17282	BASORPLAST 15
2/17283	BASORPLAST 16
2/17284	FIBERTRAV 24
2/17285	FIBERTRAV 24
2/17286	FIBERTRAV 6
2/17287	FIBERTRAV 6
2/17288	FIBERTRAV 6
2/17289	FIBERTRAV 6
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2/17299	FIBERTRAV 6
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2/17301	FIBERTRAV 6
2/17302	FIBERTRAV 6
2/17303	FIBERTRAV 6
2/17304	FIBERTRAV 6
2/17305	FIBERTRAV 6
2/17306	FIBERTRAV 6

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2/17308	BASORSUPPORT 16						
2/17309	BASORSUPPORT 16						
2/17310	BASORSUPPORT 16						
2/17311	BASORSUPPORT 16						
2/17312	BASORFIX 4						
2/17312	BASORSUPPORT 26						
2/17313	BASORFIX 4						
2/17314	BASORFIL 15						
2/17340	BASORPLAST 13						
2/17341	BASORPLAST 13						
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2/17350	BASORPLAST 13						
2/17351	BASORPLAST 13						
2/17352	BASORPLAST 13						
2/17353	BASORPLAST 13						
2/17354	BASORFIL 5						
2/17355	BASORFIL 5						
2/17356	BASORFIL 5						
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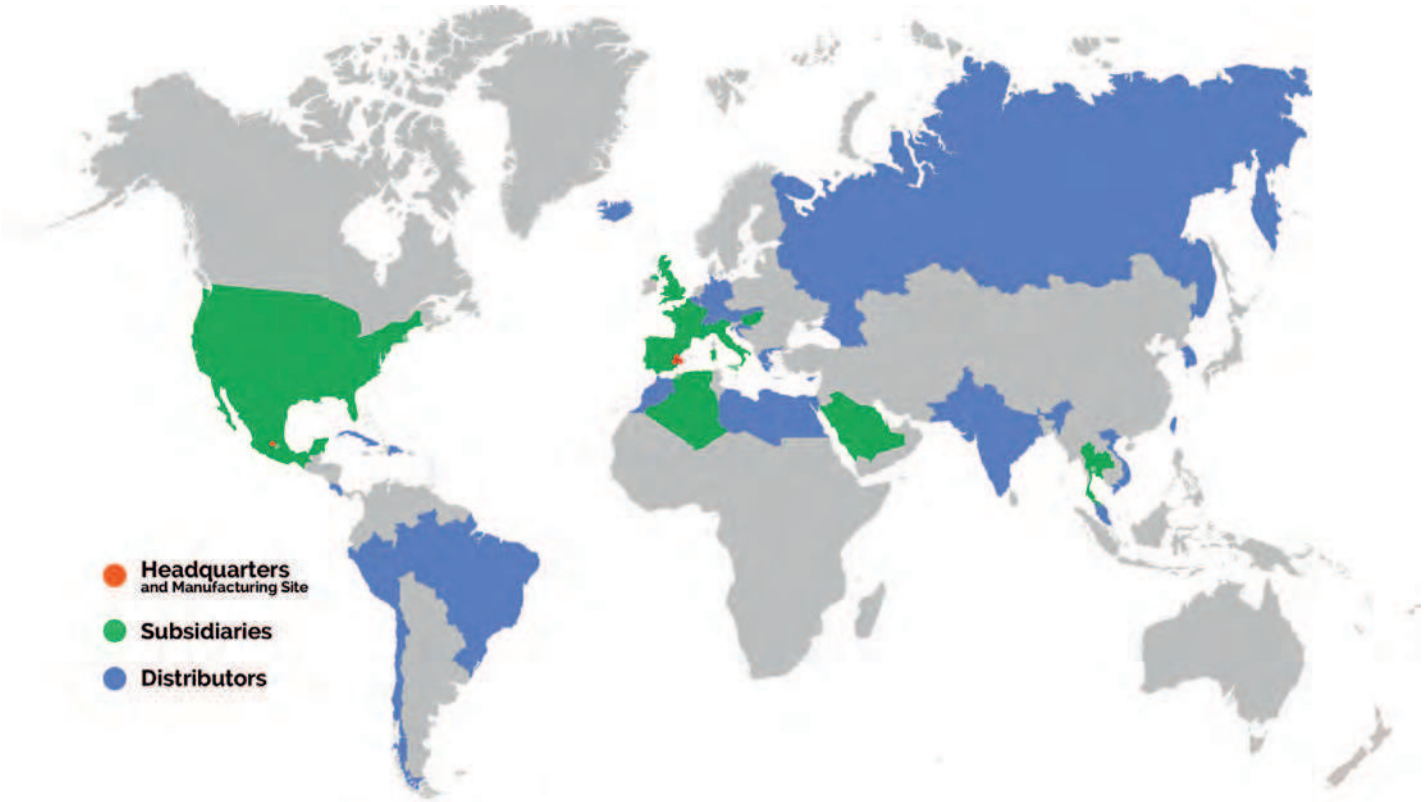

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