

UK WIRE BASKET & PVC TRAY CATALOGUE



DIETZEL
UNIVOLT

3E Basor
CABLE TRAY SPECIALIST

CABLE MANAGEMENT ALLIANCE

EDITION 3 (2022)

SUMMARY

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BS Metal Cable Trays.....Page 67

Wire Basket trays Applications

FOOD INDUSTRY

DATA CENTER INFRASTRUCTURES

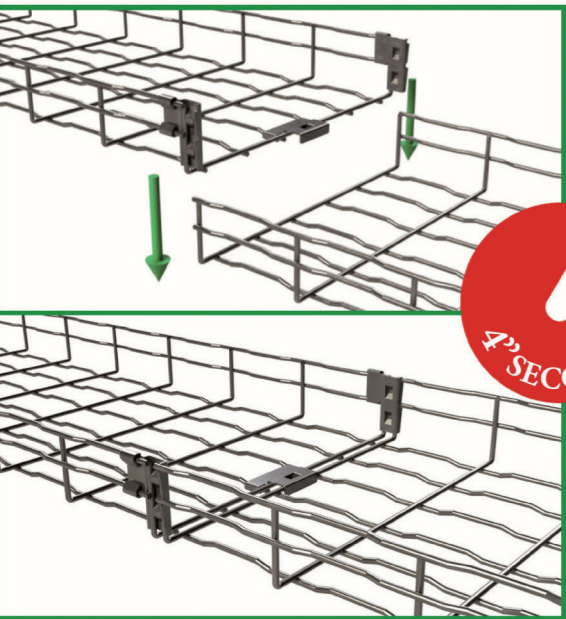
INDUSTRIAL INFRASTRUCTURES

COMMERCIAL BUILDINGS

RENEWABLE ENERGY



ASSEMBLY IN STEPS 2



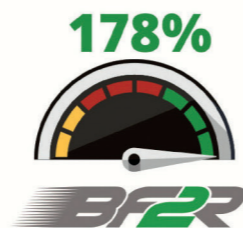
The fast fix self- couplers gives a strong rigidity across the joints, whilst meeting and exceeding BSEN61537:2007 standard for electrical continuity.



The fast fix self-couplers attached to the end of the Wire Basket are used as a guide, and can be secured within seconds, therefore saving time and money to the installer.



Univolt Wire Basket lengths can be installed upto 78% faster than traditional Wire Baskets, making Univolt the ideal solution for new Data and Distribution Centres.



Self-coupling BASKET TRAYS

Contact Us

Mail: sales@univolt.co.uk
Phone: 01707379820

APPROVED BY:



Basorfil Wire Basket Data Sheet



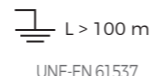
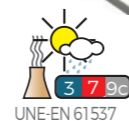
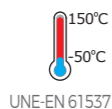
Basorfil BFR/BF2R ELECTROZINC (EZ) FINISH



CABLE MANAGEMENT ALLIANCE



* DIN 4102-12
* CSN 73 0895
* STN 92 0205



Models BFR:
60x35; 100x35; 150x35; 200x35; 300x35; 60x65;
100x65; 150x65; 200x65; 300x65; 400x65;
450x65; 500x65; 600x65.
200x105; 300x105; 400x105; 450x105; 500x105;
600x105.

Coatings: EZ, HDG

Models BF2R:
60x65; 100x65; 150x65; 200x65; 300x65; 400x65;
450x65; 500x65; 600x65.
100x105; 150x105; 200x105; 300x105; 400x105;
450x105; 500x105; 600x105.

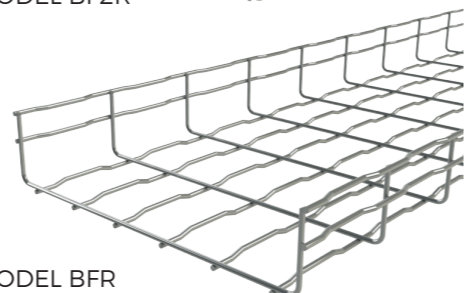
Coatings: EZ, EZ1000

Wire basket characteristics:

- Metallic system
- Non flame propagating
- Better whisker protection
- System with electrical continuity
- Maximum temperatura 150°C
- Minimum temperatura -50°C
- Comply with RoHS, 2011/65/UE
- Large range of accessories
- Impact resistance: 20J
- Metallic coating resistance against the corrosion:



MODEL BF2R



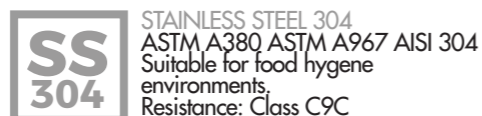
MODEL BFR



ELECTROZINC (EZ)
UNE EN ISO 2081
Recommended for use in interior applications.
Resistance: Class 3



ELECTROZINC 1000 (EZ1000)
UNE EN ISO 2081
Suitable for humid environments, 1300 hours salt spray resistance.
Resistance: Class 9+



STAINLESS STEEL 304
ASTM A380 ASTM A967 AISI 304
Suitable for food hygiene environments.
Resistance: Class C9C



STAINLESS STEEL 316
ASTM A380 ASTM A967 AISI 316
Recommended for marine and extreme environments.
Resistance: Class C9D



HOT DIP GALVANIZED (HDG)
UNE EN ISO 1461
Recommended for exterior applications/harsh environments.
Resistance: Class 5

BASORFIL STANDARD BFR H35

UNIVOLT PART CODE	B mm	H mm	EZ REF.
BFR100X35EZ	100	35	2/3616
BFR150X35EZ	150	35	2/3617
BFR200X35EZ	200	35	2/3618
BFR300X35EZ	300	35	2/3619

100, 150, 200, 300 x URB35 (2/7271-EZ).
300 x URB35 (2/7271-EZ) + 1x CGBF (2/4364-EZ).

*Stainless Steel 304 & 316 available upon request

BASORFIL SELF-COUPLING BF2R H65

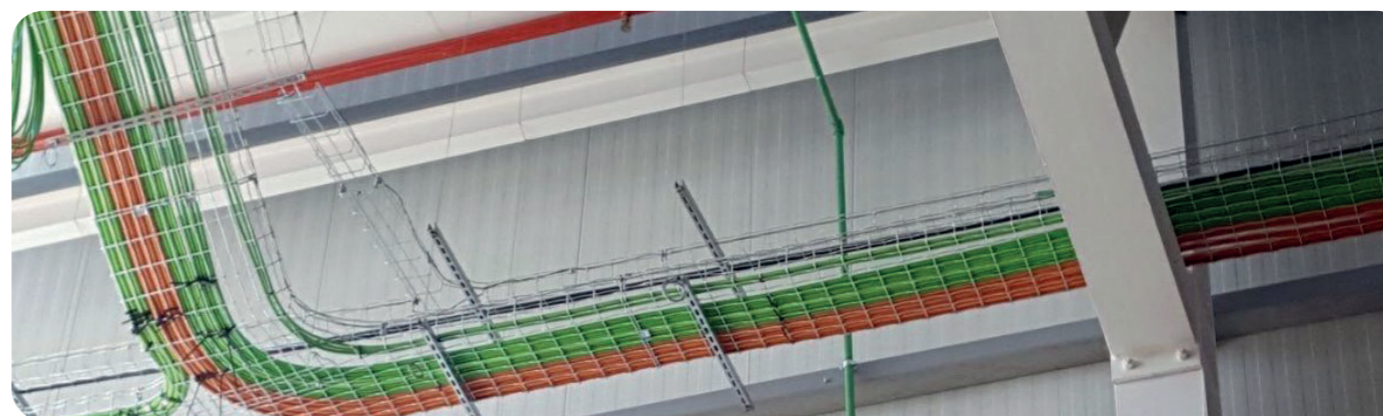
UNIVOLT PART CODE	B mm	H mm	EZ REF.
BF2R60X65EZ	60	65	2/7389
BF2R100X65EZ	100	65	2/7248
BF2R150X65EZ	150	65	2/7249
BF2R200X65EZ	200	65	2/7250
BF2R300X65EZ	300	65	2/7251
BF2R400X65EZ	400	65	2/7394
BF2R450X65EZ	450	65	2/9989
BF2R500X65EZ	500	65	2/7395
BF2R600X65EZ	600	65	2/7396

*Stainless Steel 304 & 316 available upon request


BASORFIL SELF-COUPLING BF2R H105

UNIVOLT PART CODE	B mm	H mm	EZ REF.
BF2R100X105EZ	100	105	2/7914
BF2R150X105EZ	150	105	2/7915
BF2R200X105EZ	200	105	2/7397
BF2R300X105EZ	300	105	2/7398
BF2R400X105EZ	400	105	2/7399
BF2R450X105EZ	450	105	2/9990
BF2R500X105EZ	500	105	2/7400
BF2R600X105EZ	600	105	2/7401

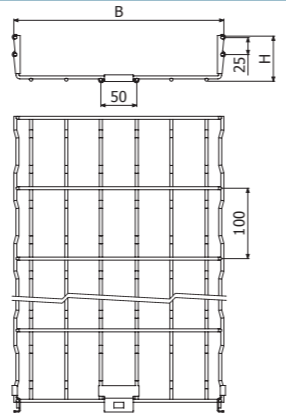
*Stainless Steel 304 & 316 available upon request



BASORFIL SELF-COUPLING BF2R H65



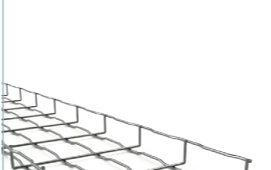
UNIVOLT PART CODE	B mm	H mm	EZ1000 REF.
BF2R60X65EZ1000	60	65	2/17354
BF2R100X65EZ 1000	100	65	2/17355
BF2R150X65EZ 1000	150	65	2/17356
BF2R200X65EZ1000	200	65	2/17357
BF2R300X65EZ1000	300	65	2/17358
BF2R400X65EZ1000	400	65	2/17359
BF2R450X65EZ1000	450	65	2/17368
BF2R500X65EZ1000	500	65	2/17361
BF2R600X65EZ1000	600	65	2/17362



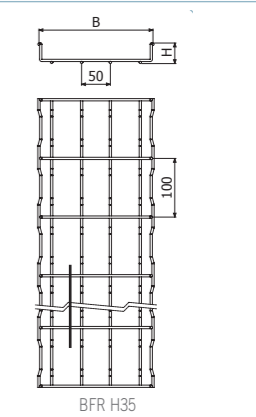
L = 3 m

*Stainless Steel 304 & 316 available upon request

BASORFIL STANDARD BFR H35



UNIVOLT PART CODE	B mm	H mm	HDG REF.
BFR100X35HDG	100	35	2/0286
BFR150X35HDG	150	35	2/0287
BFR200X35HDG	200	35	2/0288
BFR300X35HDG	300	35	2/0289




L = 3 m

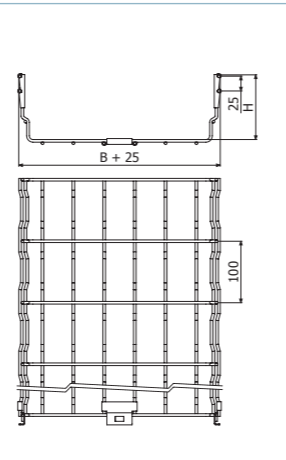
100, 150, 200: 2x URB35 (2/7772-HDG).
300: 2x URB35 (2/7772-HDG) + 1x CGBF (2/4360-HDG).

*Stainless Steel 304 & 316 available upon request

BASORFIL SELF-COUPLING BF2R H105



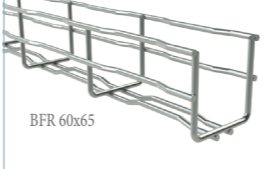
UNIVOLT PART CODE	B mm	H mm	EZ1000 REF.
BF2R100X105EZ1000	100	105	2/17363
BF2R150X105EZ1000	150	105	2/17364
BF2R200X105EZ1000	200	105	2/17365
BF2R300X105EZ1000	300	105	2/17366
BF2R400X105EZ1000	400	105	2/17367
BF2R450X105EZ1000	450	105	2/17368
BF2R500X105EZ1000	500	105	2/17369
BF2R600X105EZ1000	600	105	2/17370



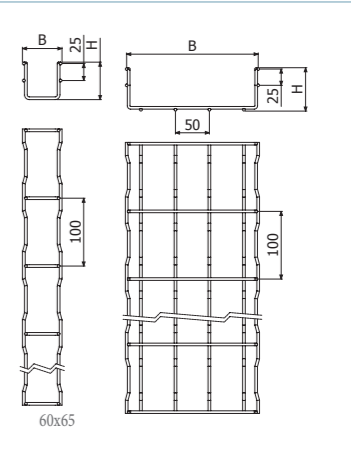
L = 3 m (10 ft)

*Stainless Steel 304 & 316 available upon request

BASORFIL STANDARD BFR H65



UNIVOLT PART CODE	B mm	H mm	HDG REF.
BFR-2F60X65HDG	60	55	2/15576
BFR100X65HDG	100	65	2/0291
BFR150X65HDG	150	65	2/0292
BFR200X65HDG	200	65	2/0293
BFR300X65HDG	300	65	2/0294
BFR400X65HDG	400	65	2/0295
BFR450X65HDG	450	65	2/4957
BFR500X65HDG	500	65	2/0296
BFR600X65HDG	600	65	2/0297

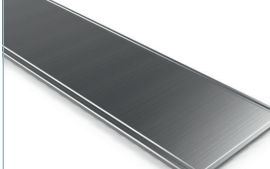


L = 3 m

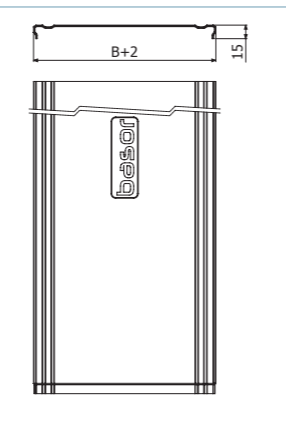
60, 100, 150, 200: 2x URB65/105 (2/6219-HDG).
300: 2x URB65/105 (2/6219-HDG) + 1x CGBF (2/4360-HDG).

*Stainless Steel 304 & 316 available upon request

COVER LID FOR BASORFIL BFR H35 & BF2R H65




UNIVOLT PART CODE	B mm	PG REF.
TERE100PG	100	2/1312
TERE150PG	150	2/1313
TERE200PG	200	2/1314
TERE300PG	300	2/1316
TERE400PG	400	2/1317
TERE500PG	500	2/1318
TERE600PG	600	2/1319



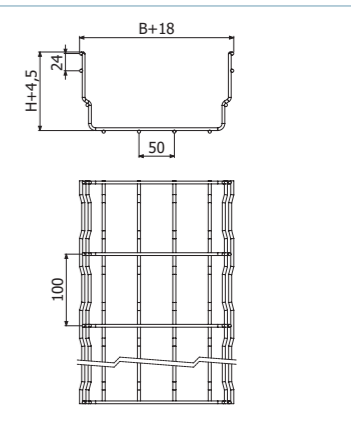
L = 3 m
(400/500/600 - L = 2 m)

*Stainless Steel 304 & 316 available upon request

BASORFIL STANDARD BFR H105



UNIVOLT PART CODE	B mm	H mm	HDG REF.
BFR100X105HDG	100	105	2/7918
BFR150X105HDG	150	105	2/7919
BFR200X105HDG	200	105	2/0298
BFR300X105HDG	300	105	2/0299
BFR400X105HDG	400	105	2/0300
BFR450X105HDG	450	105	2/9548
BFR500X105HDG	500	105	2/0301
BFR600X105HDG	600	105	2/0302

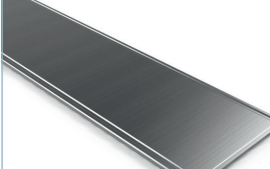


L = 3 m (10 ft)

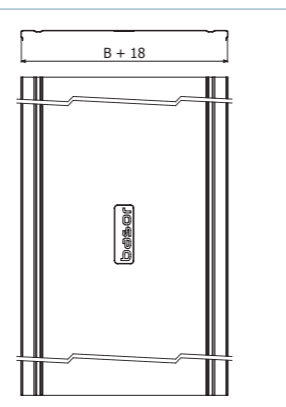
60, 100, 150, 200: 2x URB65/105 (2/6219-HDG).
300: 2x URB65/105 (2/6219-HDG) + 1x CGBF (2/4360-HDG).

*Stainless Steel 304 & 316 upon request

COVER LID FOR BASORFIL BF2R H105



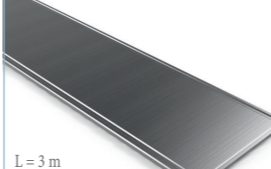
UNIVOLT PART CODE	B mm	PG REF.
TEBFR100X105PG	100	2/1312
TEBFR150X105PG	150	2/1313
TEBFR200X105PG	200	2/1314
TEBFR300X105PG	300	2/1316
TEBFR400X105PG	400	2/1317
TEBFR500X105PG	500	2/1318
TEBFR600X105PG	600	2/1319



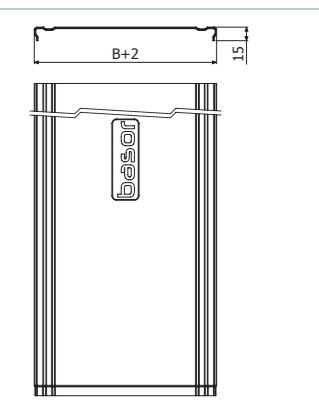
L = 3 m
(400/500/600 - L = 2 m)

*Stainless Steel 304 & 316 available upon request

COVER LID FOR BASORFIL BFR H35 & H65



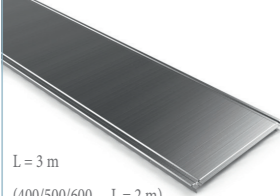
UNIVOLT PART CODE	B mm	HDG REF.
TERE100HDG	100	2/1321
TERE150HDG	150	2/1322
TERE200HDG	200	2/1323
TERE300HDG	300	2/1325
TERE400HDG	400	2/1326
TERE500HDG	500	2/1327
TERE600HDG	600	2/1328



L = 3 m
(400/500/600 - L = 2 m)

*Stainless Steel 304 & 316 under requirement

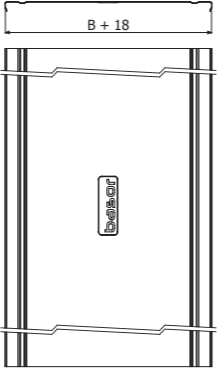
COVER LID FOR BASORFIL BFR H105




L = 3 m
(400/500/600 - L = 2 m)

UNIVOLT PART CODE	B mm	HDG REF.
TEBFR100HDG	100	2/1321
TEBFR150HDG	150	2/1322
TEBFR200HDG	200	2/1323
TEBFR300HDG	300	2/1325
TEBFR400HDG	400	2/1326
TEBFR500HDG	500	2/1327
TEBFR600HDG	600	2/1328


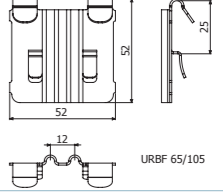
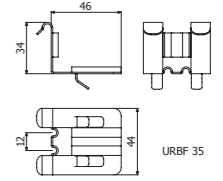
*Stainless Steel 304 & 316 upon request



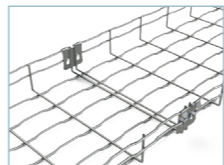

URBF



UNIVOLT PART CODE	Pack Qty.	EZ REF.
URBF65/105EZ	50	2/6217
URBF35	50	2/7271

UNIVOLT PART CODE	Pack Qty.	HDG REF.
URBF65/105EZ	50	2/6219
URBF35	50	2/7272

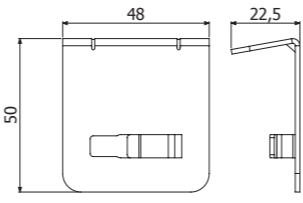



PTBFR




UNIVOLT PART CODE	Pack Qty.	PG REF.
PTBFRPG	20	2/10253


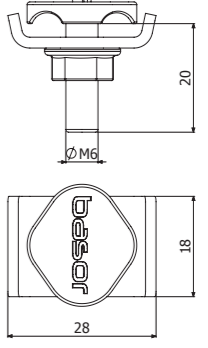
4 x PTBFR => 1 x TERE (BFR)

CGBF




UNIVOLT PART CODE	Pack Qty.	EZ REF.
CGBFEZ	100	2/4364

UNIVOLT PART CODE	Pack Qty.	HDG REF.
CGBFHDG	100	2/4360


CTBF + GBF




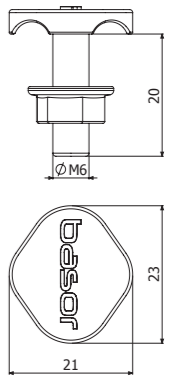
*Stainless Steel 304 & 316 upon request




CTBF



UNIVOLT PART CODE	Pack Qty.	EZ REF.
CTBFEZ	100	2/4362

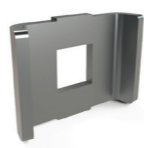
UNIVOLT PART CODE	Pack Qty.	HDG REF.
CTBFHDG	100	2/7132




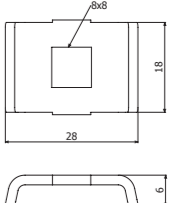
*Stainless Steel 304 & 316 upon request




GBF




UNIVOLT PART CODE	Pack Qty.	EZ REF.
GBFEZ	100	2/0337

UNIVOLT PART CODE	Pack Qty.	HDG REF.
GBFHDG	100	2/0339

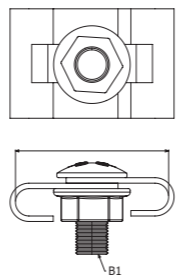


UCBF

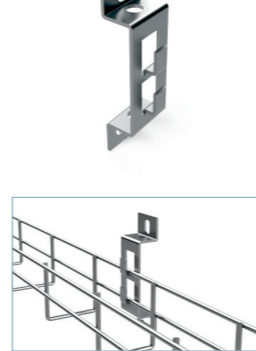


UNIVOLT PART CODE	Pack	PG
UCBFPG	Qty. 100	REF. 2/5059
UNIVOLT PART CODE	Pack	HDG
UCBFHDG	Qty. 100	REF. 2/5060

*Stainless Steel 304 & 316 upon request



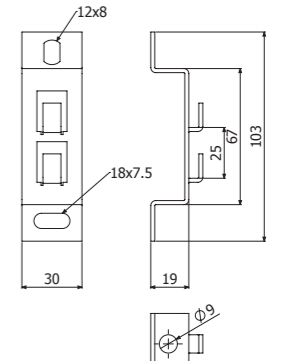
SLS



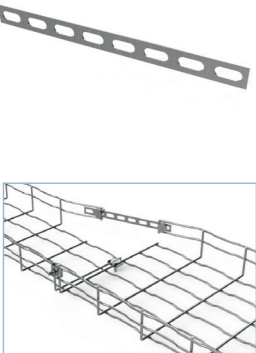
UNIVOLT PART CODE	Pack	PG
SLSPG	Qty. 36	REF. 2/0360
UNIVOLT PART CODE	Pack	HDG
SLSHDG	Qty. 36	REF. 2/0370

BFR/BF2R 60x65 - 100x65
BFR/BF2R 60x65..200x65

*Stainless Steel 304 & 316 upon request



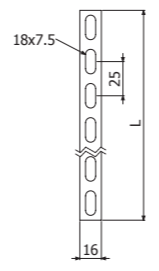
MU



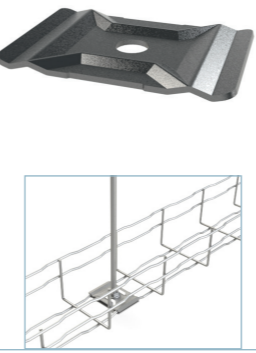
UNIVOLT PART CODE	Pack	PG
MU500PG	Qty. 10	REF. 2/0357

2 x CTBF

*Stainless Steel 304 & 316 upon request

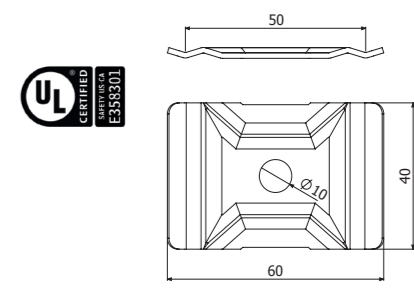


SSC

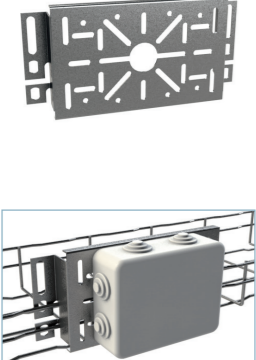


UNIVOLT PART CODE	Pack	EZ
SSCEZ	Qty. 50	REF. 2/2064
UNIVOLT PART CODE	Pack	HDG
SSCHDG	Qty. 50	REF. 2/0363

*Stainless Steel 304 & 316 under requirement



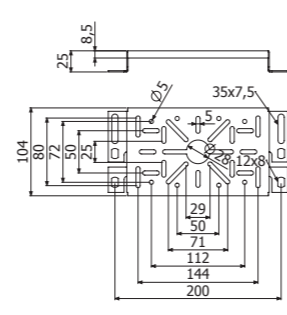
SUC



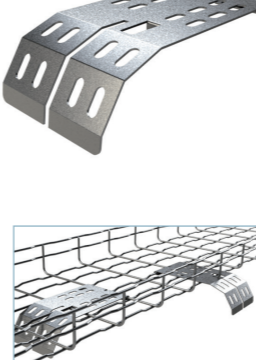
UNIVOLT PART CODE	Pack	PG
SUCPG	Qty. 4	REF. 2/0358
UNIVOLT PART CODE	Pack	HDG
SUCHDG	Qty. 4	REF. 2/0368

L: 30 - 147

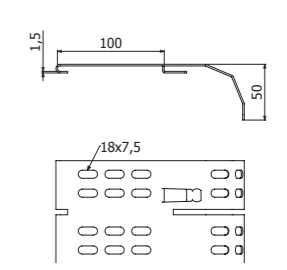
*Stainless Steel 304 & 316 upon request



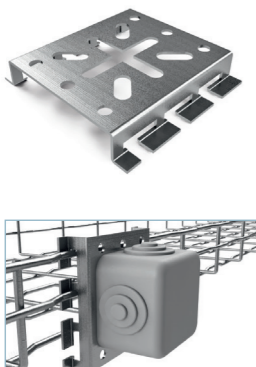
BJC



UNIVOLT PART CODE	Pack	PG
BJCPG	Qty. 1	REF. 2/6451
UNIVOLT PART CODE	Pack	HDG
BJCHDG	Qty. 1	REF. 2/6452



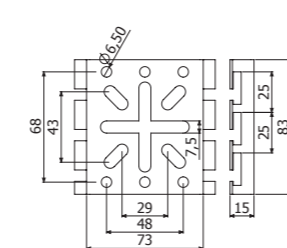
SUCM




UNIVOLT PART CODE	Pack	PG
SUCMPG	Qty. 20	REF. 2/0359
UNIVOLT PART CODE	Pack	HDG
SUCMHDG	Qty. 20	REF. 2/0369

L: 30 - 48

*Stainless Steel 304 & 316 upon request

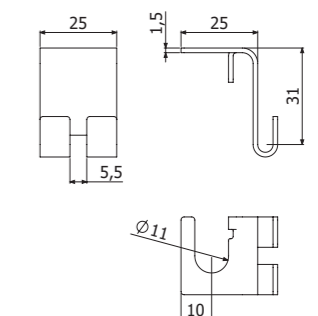


SST

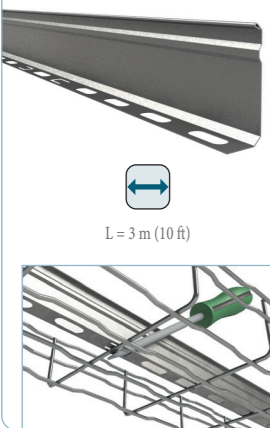


UNIVOLT PART CODE	Pack	PG
SSTPG	Qty. 25	REF. 2/5724

H35 + VR8/VR10



PS DIVIDER

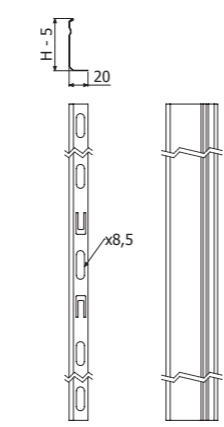


L = 3 m (10 ft)


UNIVOLT PART CODE	Pack Qty.	PG REF.
PS35PG	30	2/3476
PS60PG	30	2/2066
PS100PG	30	2/3478

UNIVOLT PART CODE	Pack Qty.	HDG REF.
PS35HDG	30	2/3479
PS60HDG	30	2/3480
PS100HDG	30	2/3482

*Stainless Steel 304 upon request

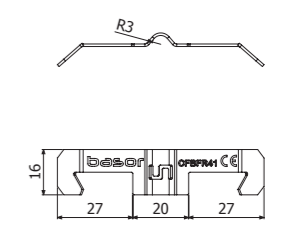


CFBFR




UNIVOLT PART CODE	Pack Qty.	i301 REF.
CFBFR41i301	100	2/10284

SP, SP3S, 41/82

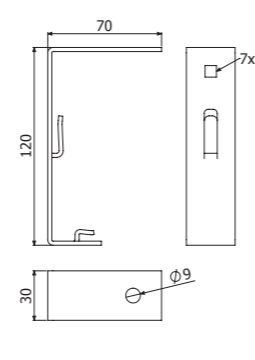


STBF




UNIVOLT PART CODE	Pack Qty.	PG REF.
STBF100X35PG	25	2/9675
STBF60X65PG	25	2/17314
STBF100X65PG	25	2/0886

UNIVOLT PART CODE	Pack Qty.	HDG REF.
STBF100X35HDG	25	2/9857
STBF60X65HDG	25	
STBF100X65HDG	25	

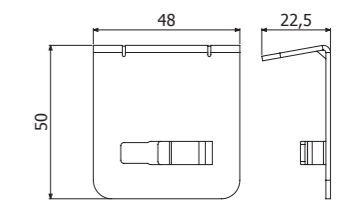


PTBFR

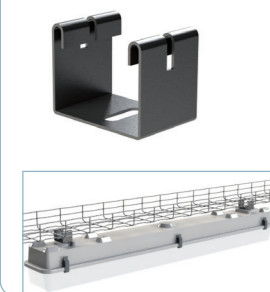


UNIVOLT PART CODE	Pack Qty.	PG REF.
PTBFRPG	20	2/10253

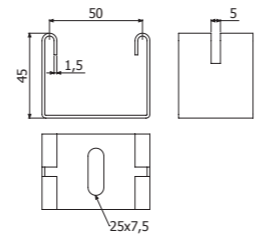
4 x PTBFR => 1 x TERE (BFR)



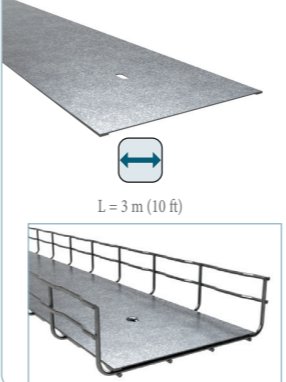
SFL WIFI-LIGHTING



UNIVOLT PART CODE	Pack Qty.	PG REF.
SFLPG	1	2/5906



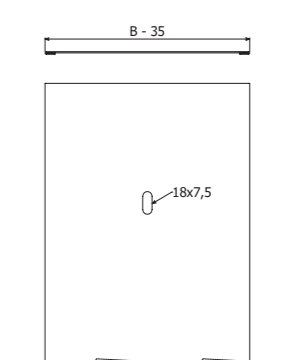
FSBFR



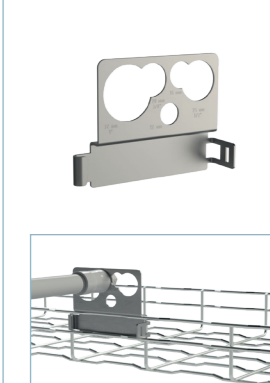
L = 3 m (10 ft)

UNIVOLT PART CODE	Pack Qty.	PG REF.
FSBFR100PG	3m	2/9658
FSBFR150PG	3m	2/9659
FSBFR200PG	3m	2/9660
FSBFR300PG	3m	2/9661
FSBFR400PG	3m	2/9662
FSBFR500PG	3m	2/9663
FSBFR600PG	3m	2/9664

1/100 x B1 (2/4356-EZ) (1000 <-> 1000 mm)



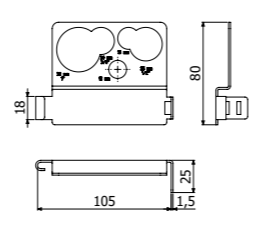

STB2



UNIVOLT PART CODE	Pack Qty.	PG REF.
STB216-32PG	12	2/18798

UNIVOLT PART CODE	Pack Qty.	HDG REF.
STB216-32HDG	12	2/18799

*Stainless Steel 304 & 316 upon request

UNIVOLT PART CODE	P. Qty.	REF.
UVCROP	1	2/5066
BPZ 400 mL.	1	2/7224

TDC

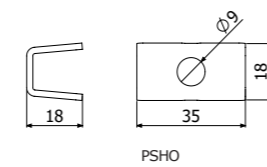
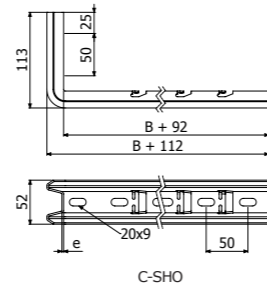
BPZ

C-SHO

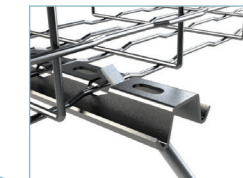


UNIVOLT PART CODE	Pack Qty.	PG REF.
C-SHO100PG	10	2/7230
C-SHO150PG	10	2/7231
C-SHO200PG	10	2/7232
C-SHO300PG	10	2/7233
PSHO	12	2/6240
TFSO (2/0894)		

UNIVOLT PART CODE	Pack Qty.	HDG REF.
C-SHO100HDG	10	2/7239
C-SHO150HDG	10	2/7240
C-SHO200HDG	10	2/7241
C-SHO300HDG	10	2/7242
PSHO	12	2/6318
TFSO (2/0894)		



*Stainless Steel 304 & 316 upon request
B1 (2/4356-EZ / 2/6826-HDG)



C-SHOT

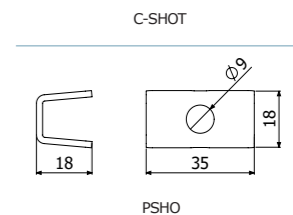
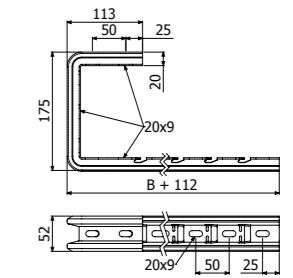


UNIVOLT PART CODE	Pack Qty.	PG REF.
C-SHOT100PG	4	2/7235
C-SHOT150PG	4	2/7236
C-SHOT200PG	4	2/7237
C-SHOT300PG	4	2/7238
PSHO	40	2/6240
TFSO (2/0894)		

UNIVOLT PART CODE	Pack Qty.	HDG REF.
C-SHOT100HDG	6	2/7244
C-SHOT150HDG	6	2/7245
C-SHOT200HDG	4	2/7246
C-SHOT300HDG	4	2/7247
PSHO	40	2/6318
TFSO (2/0894)		

1 PSHO (2/6240-GS / 2/6318-GC)
B1 (2/4356-EZ / 2/6826-HDG)

*Stainless Steel 304 & 316 upon request

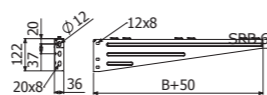
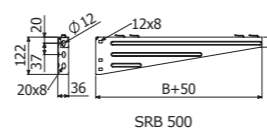
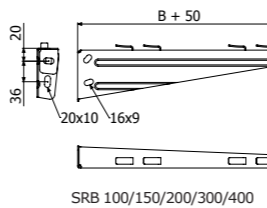


SRB

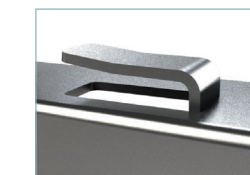


UNIVOLT PART CODE	Pack Qty.	PG REF.	
SRB100PG	2	5	2/6372
SRB150PG	2	5	2/6373
SRB200PG	3	5	2/6374
SRB300PG	4	5	2/6375
SRB400PG	4	5	2/6376
SRB500PG	4	5	2/6377
SRB600PG	4	5	2/6378

UNIVOLT PART CODE	Pack Qty.	HDG REF.	
SRB100HDG	2	1	2/6379
SRB150HDG	2	1	2/6380
SRB200HDG	3	1	2/6381
SRB300HDG	4	1	2/6382
SRB400HDG	4	1	2/6383
SRB500HDG	4	1	2/6384
SRB600HDG	4	1	2/6385



*Stainless Steel 304 & 316 upon request



C-SVO

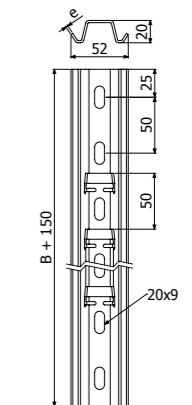


UNIVOLT PART CODE	Pack Qty.	PG REF.
C-SVO100PG	16	2/3630
C-SVO150PG	16	2/1073
C-SVO200PG	12	2/1074
C-SVO300PG	12	2/1076
C-SVO400PG	6	2/3629
C-SVO500PG	6	2/1077
C-SVO600PG	6	2/5941
C-SVO3000PG	3m	2/1101
TFSO (2/0894)		

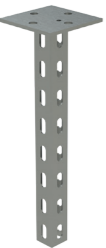
UNIVOLT PART CODE	Pack Qty.	HDG REF.
C-SVO100HDG	16	2/6280
C-SVO150HDG	16	2/1078
C-SVO200HDG	12	2/1079
C-SVO300HDG	12	2/1081
C-SVO400HDG	6	2/5719
C-SVO500HDG	6	2/1082
C-SVO600HDG	6	2/5720
C-SVO3000HDG	3m	-
TFSO (2/0894)		

2 x DIN976 M8x1000 (2/3397-EZ) + 4/100 x DIN6923 M8 (2/17553-EZ)
B1 (2/4356-EZ)

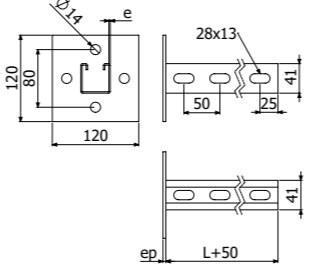
*Stainless Steel 304 & 316 upon request




SP3S



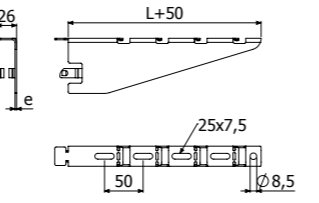

UNIVOLT PART CODE	Pack Qty.	EZ REF.
SP3S400EZ	1	2/18658
SP3S500EZ	1	2/18659
SP3S600EZ	1	2/18660
SP3S800EZ	1	2/18661
SP3S1000EZ	1	2/18662
SP3S1200EZ	1	2/18663



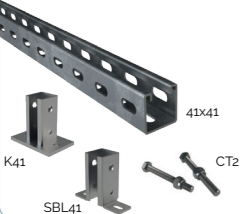
SHST



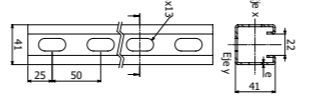
UNIVOLT PART CODE	Pack Qty.	PG REF.
SHST100PG	4	2/14489
SHST150PG	4	2/14490
SHST200PG	4	2/14491
SHST300PG	4	2/14492
SHST400PG	4	2/14493
SHST500PG	4	2/14494
SHST600PG	4	2/14495


SP3S



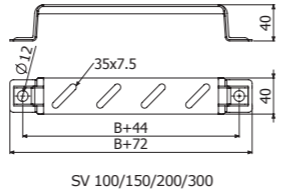
UNIVOLT PART CODE	Pack Qty.	PG REF.
41X41X2-3SPG	3m	2/17313
SBL41-3SPG	1	2/18568
K41-3SEZ	1	2/18567
CT2M8X75EZ	100	2/14492







SV




UNIVOLT PART CODE	Pack Qty.	PG REF.
SV100PG	10	2/1046
SV150PG	6	2/1047
SV200PG	6	2/1048
SV300PG	6	2/1049




UNIVOLT PART CODE	Pack Qty.	HDG REF.
SV100HDG	10	2/1050
SV150HDG	6	2/1051
SV200HDG	6	2/1052
SV300HDG	6	2/1053

  B1 [2/4356-EZ / 2/6826-HDG]
  CTBF [2/4362-EZ / 2/7132-HDG]

*Stainless Steel 304 & 316 under requirement

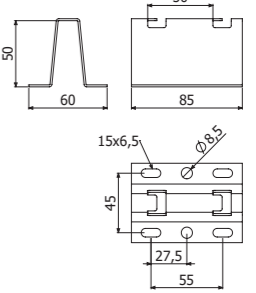



PBF




UNIVOLT PART CODE	Pack Qty.	PG REF.
PBFPFG	27	2/5590

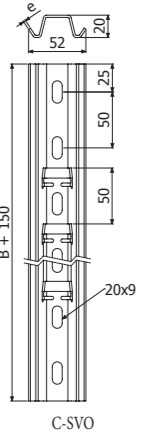
UNIVOLT PART CODE	Pack Qty.	HDG REF.
PBFHDG	27	2/4397

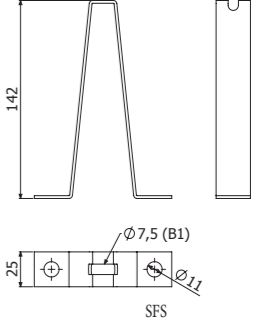
SFS + C-SVO







UNIVOLT PART CODE	Pack Qty.	GS REF.
C-SVO100	16	2/3630
C-SVO150	16	2/1073
C-SVO200	12	2/1074
C-SVO300	12	2/1076
C-SVO400	6	2/3629
C-SVO500	6	2/1077
C-SVO600	6	2/5941
SFS	24	2/5602




UNIVOLT PART CODE	Pack Qty.	GC REF.
C-SVO100	16	2/6280
C-SVO150	16	2/1078
C-SVO200	12	2/1079
C-SVO300	12	2/1081
C-SVO400	6	2/5719
C-SVO500	6	2/1082
C-SVO600	6	2/5720
SFS	24	2/5720



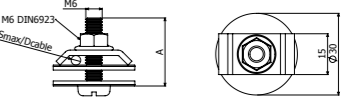
   2/100 x B1 [2/4356 EZ / 2/6826 GC]



EARTH TAG TERMINAL



UNIVOLT PART CODE	Pack Qty.	LTN REF.
B TTL10-35LTN	10	2/8189



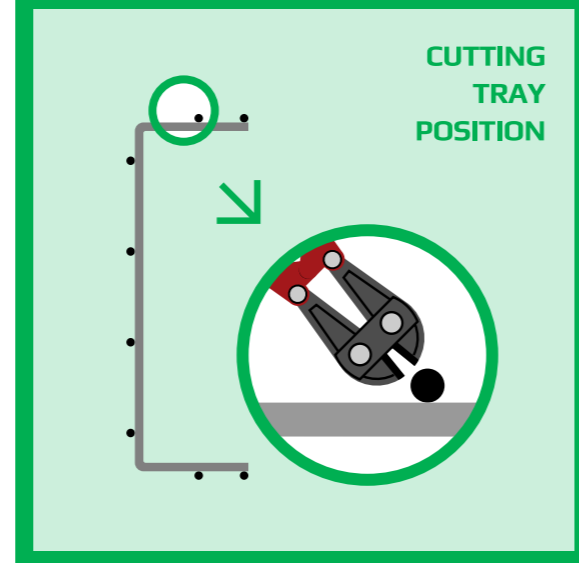
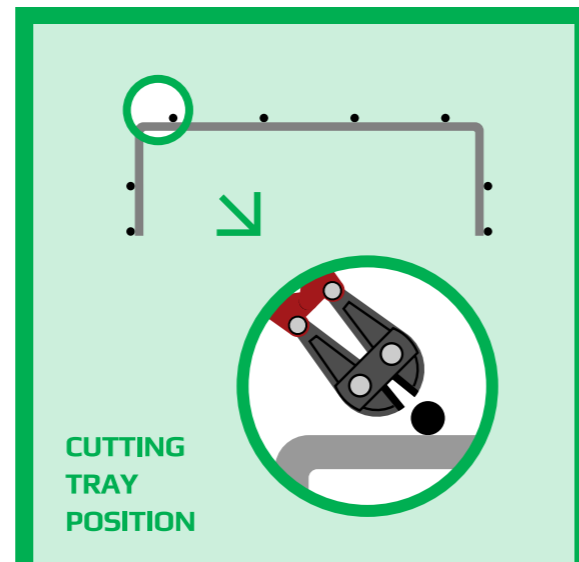
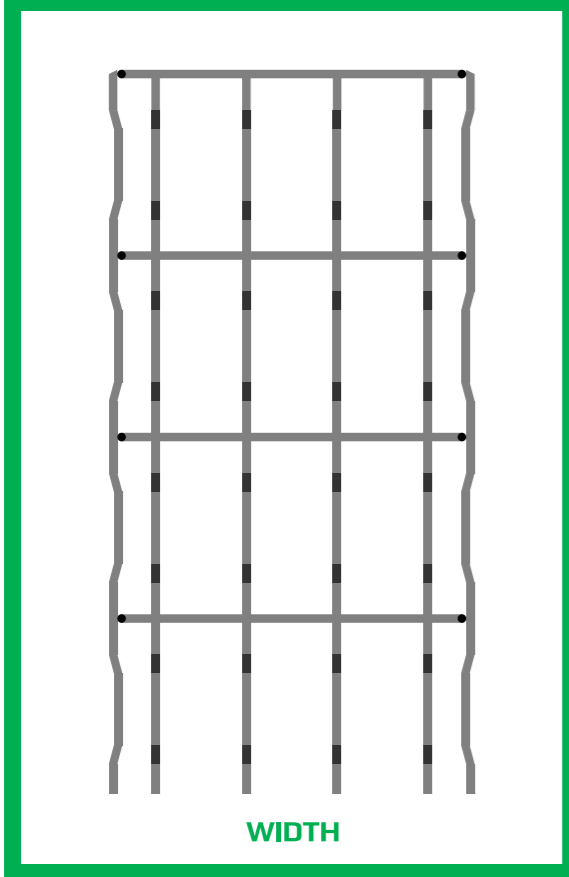
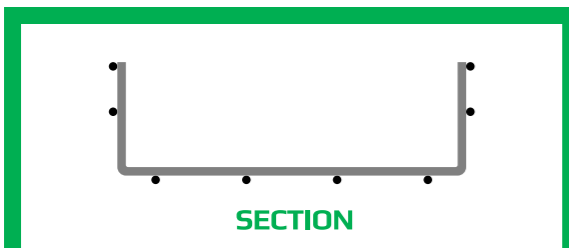
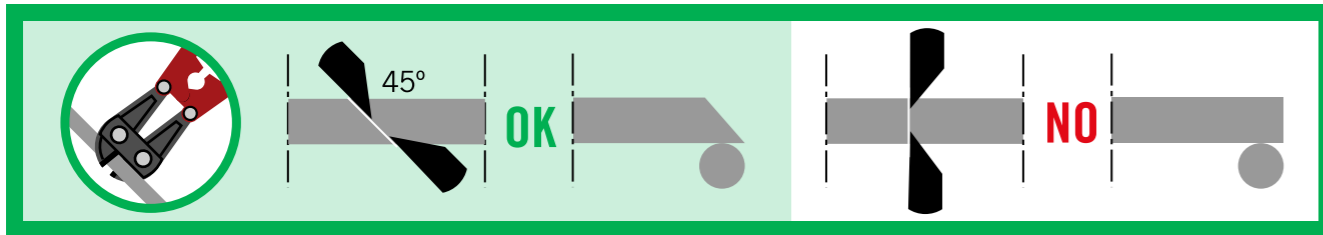
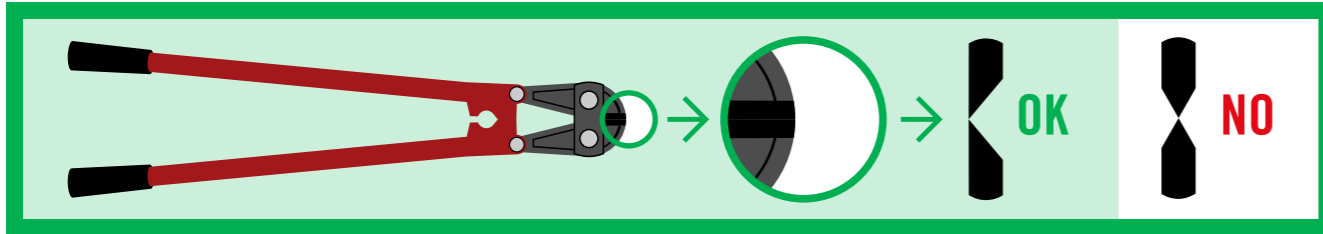
Basket trays
installation
guide 2021



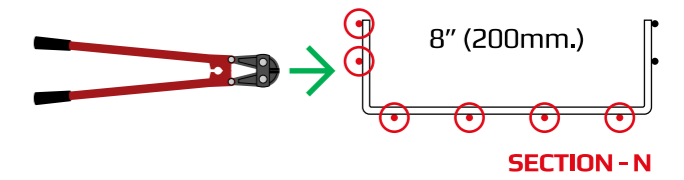
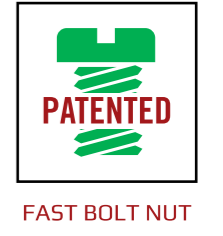
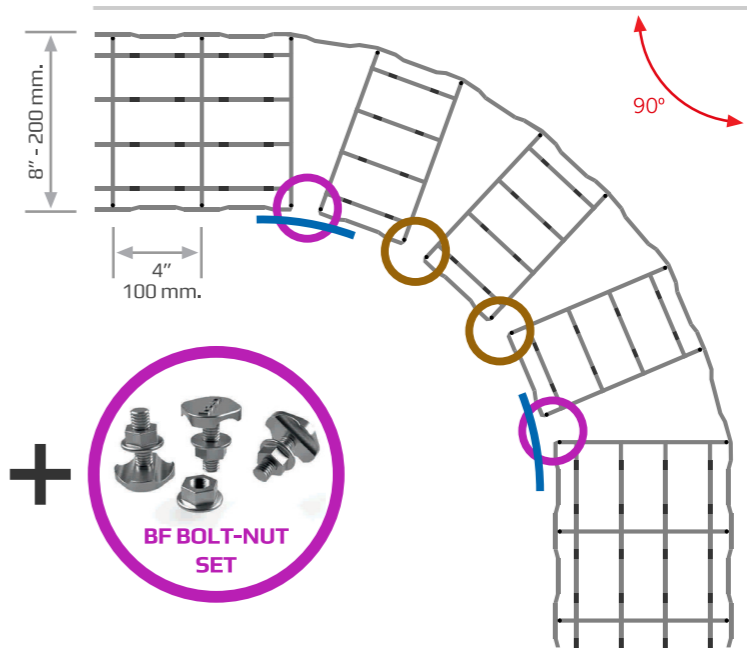
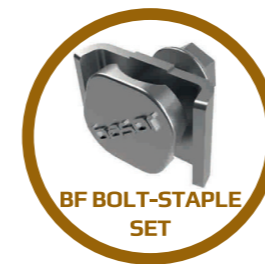
HOW TO CUT

Always use asymmetrical-cut wire cutters.

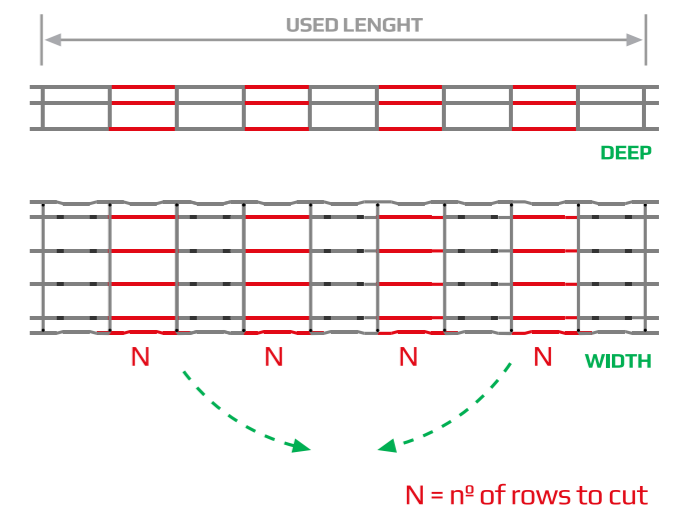
Cut as close as you can to where horizontal and vertical rods cross each other, as shown.



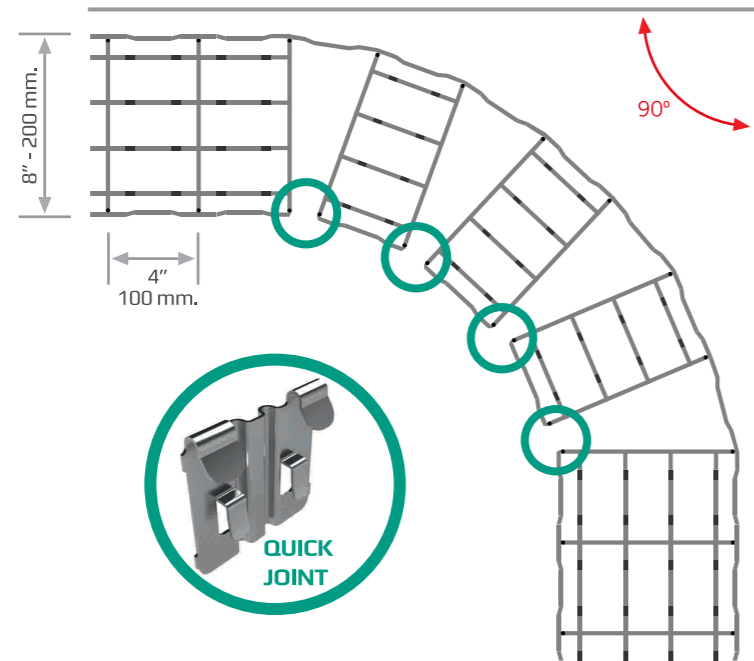
LARGE RADIUS HORIZONTAL BENDS - RIGHT ANGLE



WIDTH	N	ACCESORIES	RADIUS		USED LENGHT	
			inches	mm.	inches	mm.
2"	50mm.	2 (BF Bolt-Nut Set + Multiunion joint)	-	-	5x4"	5x100
4"	100mm.	3 (BF Bolt-Nut Set + Multiunion joint)	8'65	220	7x4"	7x100
6"	150mm.	4 (BF Bolt-Nut Set + Multiunion joint)	11'03	280	9x4"	9x100
8"	200mm.	[2x (2x BF Bolt-Nut Set + Multiunion joint) + 2x (Bolt-Staple Set)]	11'03	280	9x4"	9x100
12"	300mm.	[2x (2x BF Bolt-Nut Set + Multiunion joint) + 4x (Bolt-Staple Set)]	16'92	430	13x4"	13x100
16"	400mm.	[2x (2x BF Bolt-Nut Set + Multiunion joint) + 6x (Bolt-Staple Set)]	18'11	460	17x4"	17x100
20"	500mm.	9x (Bolt-Staple Set)	27'56	700	19x4"	19x100
24"	600mm.	11x (Bolt-Staple Set)	30'31	770	23x4"	23x100

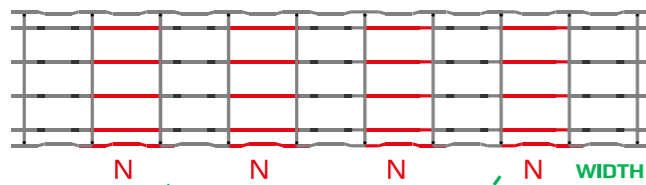
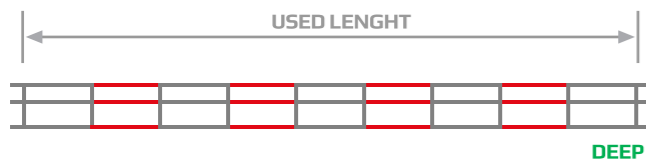
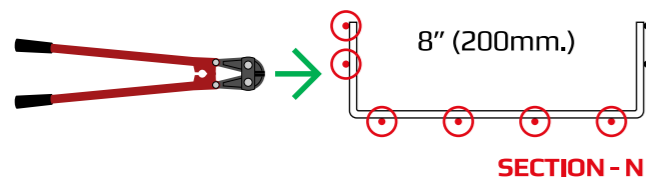
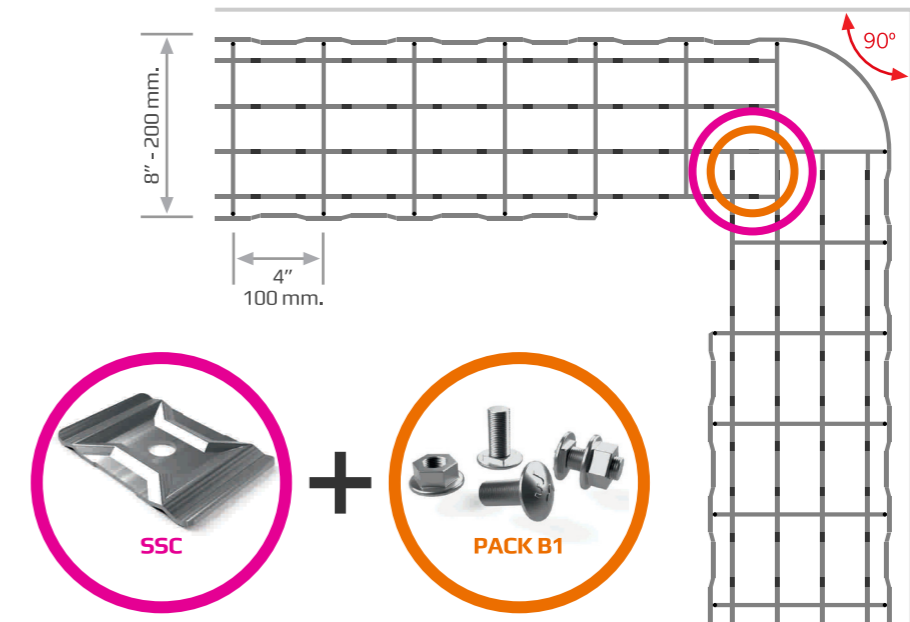


LARGE RADIUS HORIZONTAL BENDS - RIGHT ANGLE



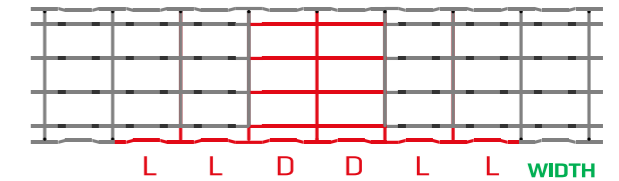
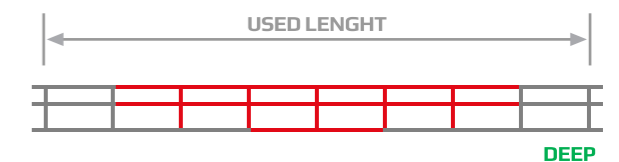
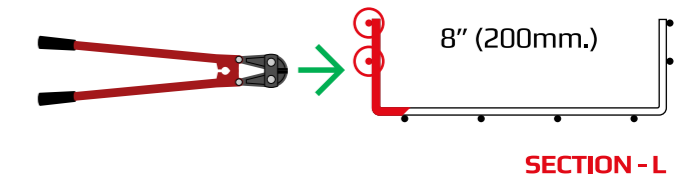
Only use for 2" and 4" deep Tray

SMALL RADIUS HORIZONTAL BENDS - RIGHT ANGLE



N = n° of rows to cut

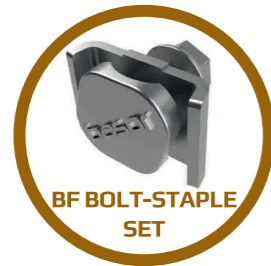
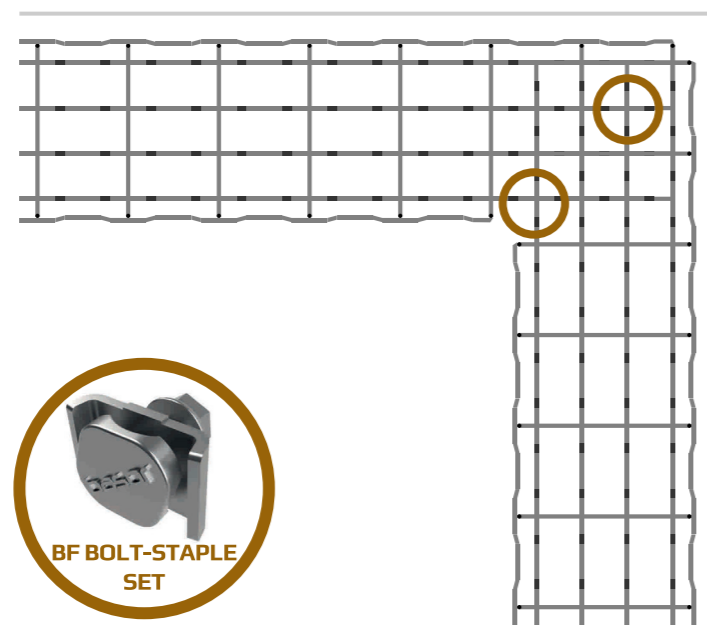
WIDTH	N	COUPLERS	RADIUS		USED LENGHT		
			inches	mm.	inches	mm.	
4"	100mm.	2	Quick joint	5'51	140	5x4"	5x100
6"	150mm.	3	Quick joint	8'65	220	7x4"	9x100
8"	200mm.	4	Quick joint	11'81	300	9x4"	9x100
12"	300mm.	6	Quick joint	17'72	450	13x4"	13x100
16"	400mm.	8	Quick joint	24	610	17x4"	17x100
20"	500mm.	9	Quick joint	29'92	760	21x4"	21x100
24"	600mm.	11	Quick joint	35'83	910	25x4"	25x100



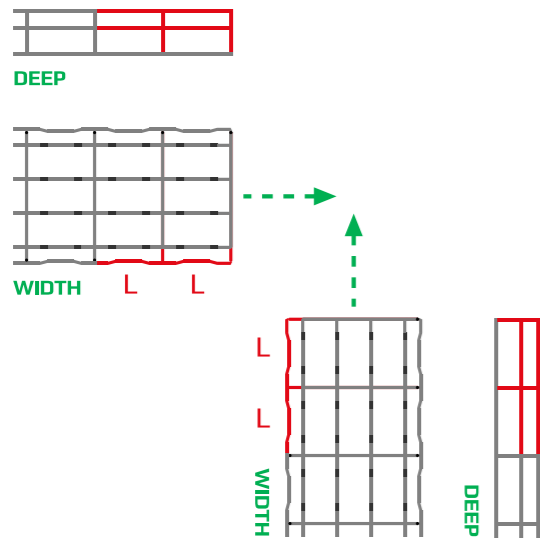
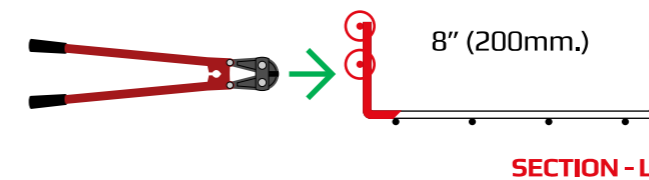
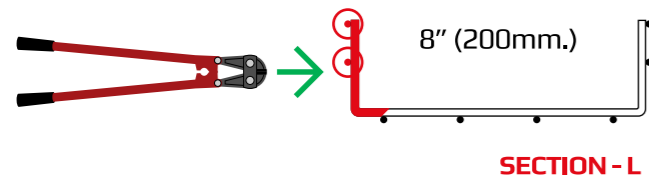
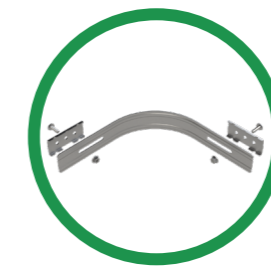
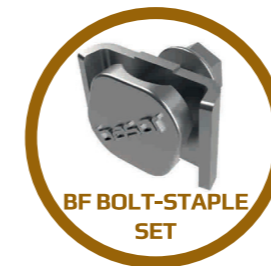
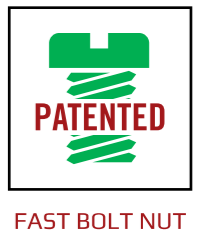
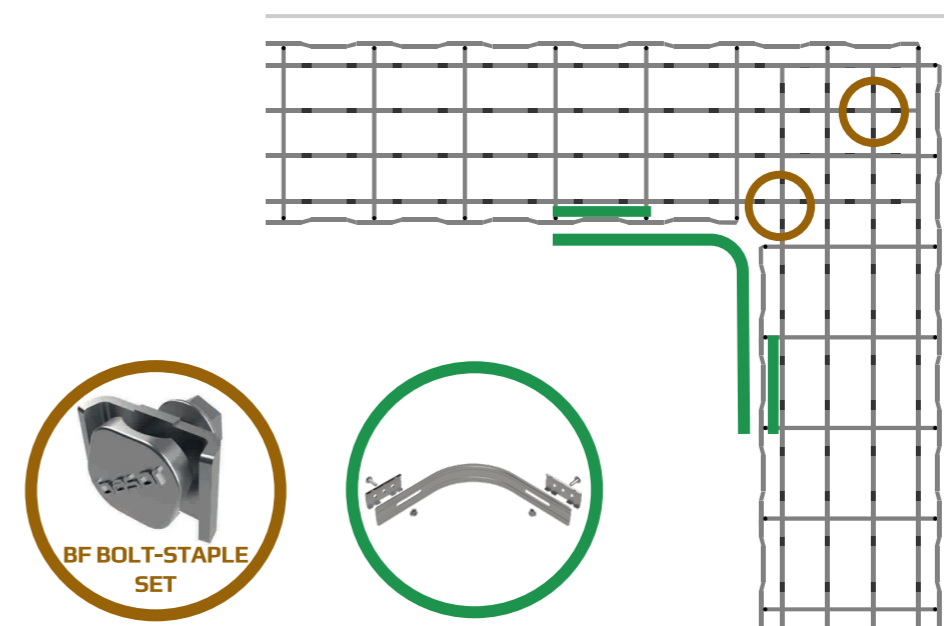
D and L = n° of rows to cut

WIDTH	D	L	ACCESORIES	RADIUS		USED LENGHT		
				inches	mm.	inches	mm.	
2"	50mm.	-	1	1x BF Bolt-Staple Set	-	-	3x4"	3x100
4"	100mm.	1	1+1	1x BF Bolt-Staple Set	2	50	5x4"	5x100
6"	150mm.	1	2+2	1x (2 SSC+Pack B1)	4'72	120	7x4"	7x100
8"	200mm.	2	2+2	1x (2 SSC+Pack B1)	4'92	125	8x4"	8x100
12"	300mm.	2	3+3	1x (2 SSC+Pack B1)	4'72	120	10x4"	10x100
16"	400mm.	2	4+4	1x (2 SSC+Pack B1)	5'12	130	12x4"	12x100
20"	500mm.	2	5+5	1x (2 SSC+Pack B1)	5'12	130	14x4"	14x100
24"	600mm.	2	6+6	1x (2 SSC+Pack B1)	5'31	135	16x4"	16x100

RIGHT RADIUS HORIZONTAL BENDS - RIGHT ANGLE

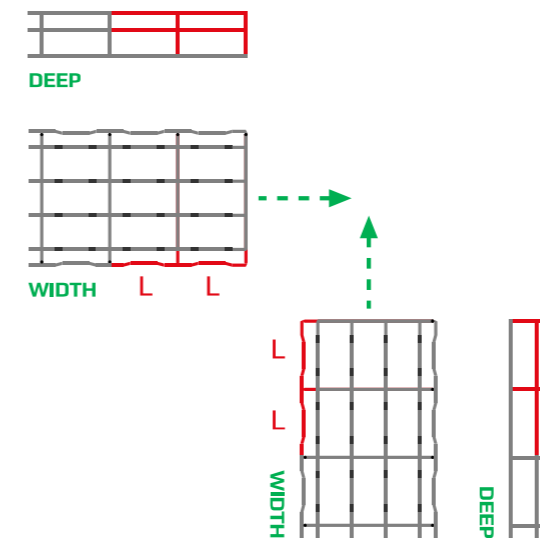


RIGHT RADIUS HORIZONTAL BENDS - BT90° RIGHT ANGLE



WIDTH	L	ACCESORIES
4"	100mm.	1 2x BF Bolt-Staple Set
6"	150mm.	2 2x BF Bolt-Staple Set
8"	200mm.	2 2x BF Bolt-Staple Set
12"	300mm.	3 2x BF Bolt-Staple Set
16"	400mm.	4 2x BF Bolt-Staple Set
20"	500mm.	5 2x BF Bolt-Staple Set
24"	600mm.	6 2x BF Bolt-Staple Set

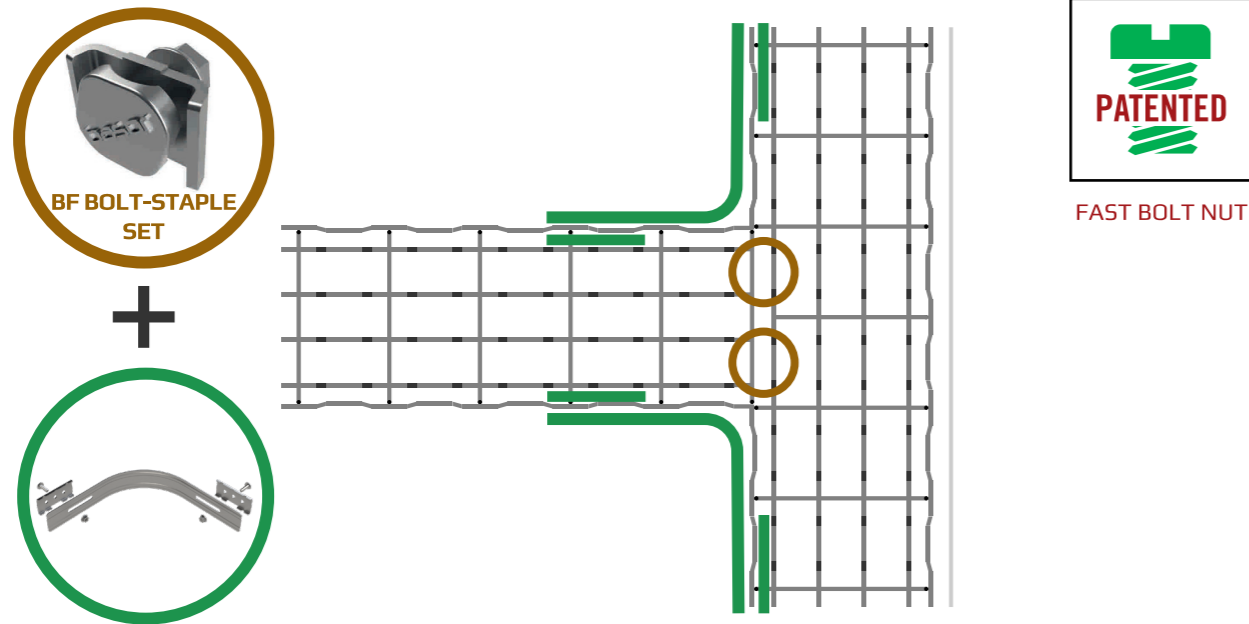
L = n° of rows to cut



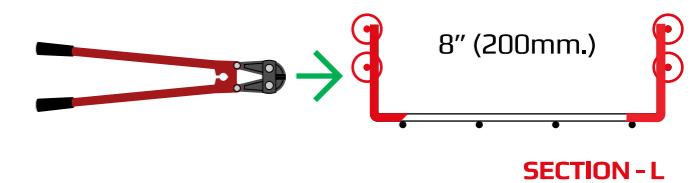
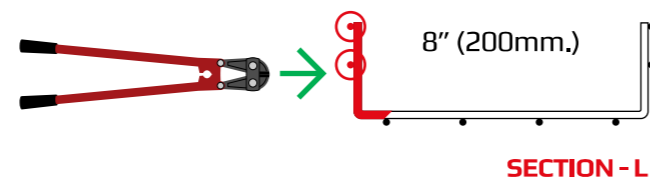
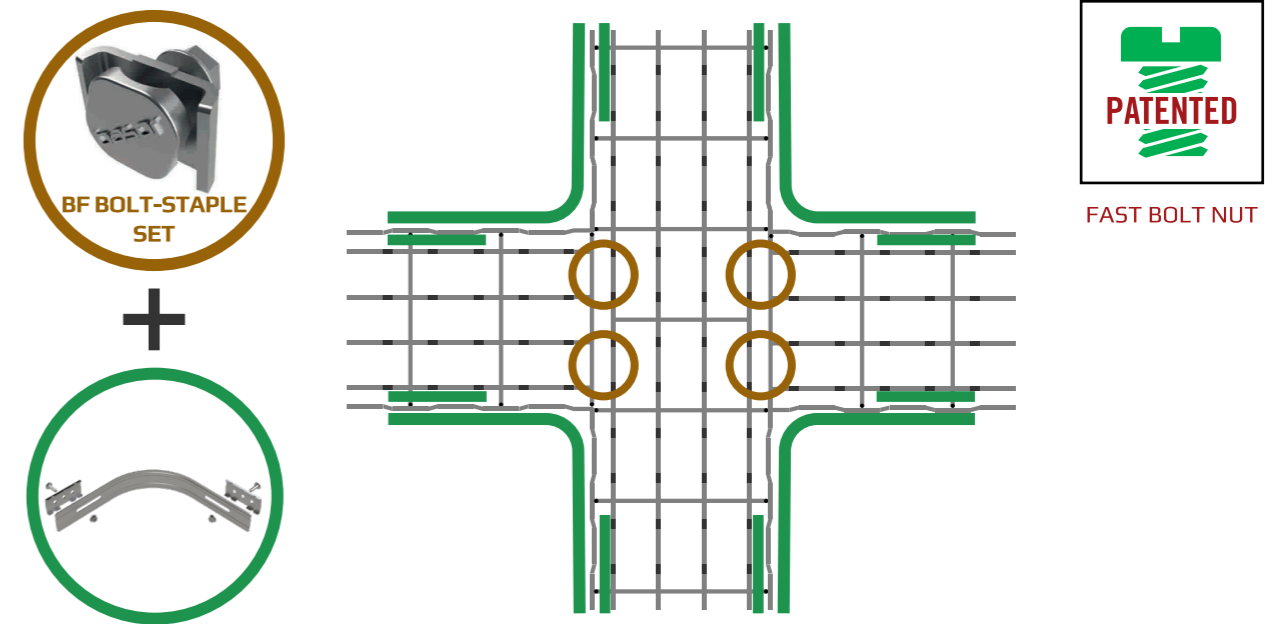
WIDTH	L	ACCESORIES
4"	100mm.	1 2x BF Bolt-Staple Set + 1x BT90
6"	150mm.	2 2x BF Bolt-Staple Set + 1x BT90
8"	200mm.	2 2x BF Bolt-Staple Set + 1x BT90
12"	300mm.	3 2x BF Bolt-Staple Set + 1x BT90
16"	400mm.	4 2x BF Bolt-Staple Set + 1x BT90
20"	500mm.	5 2x BF Bolt-Staple Set + 1x BT90
24"	600mm.	6 2x BF Bolt-Staple Set + 1x BT90

L = n° of rows to cut

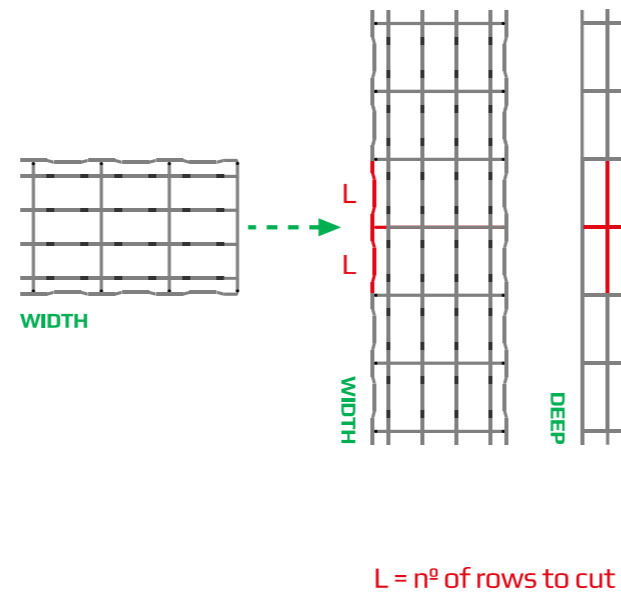
T/CROSS - RIGHT ANGLE



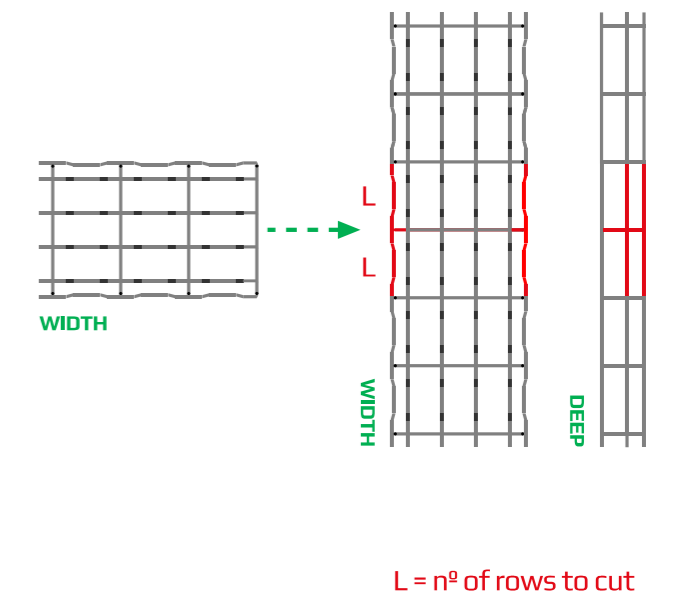
T/CROSS - RIGHT ANGLE



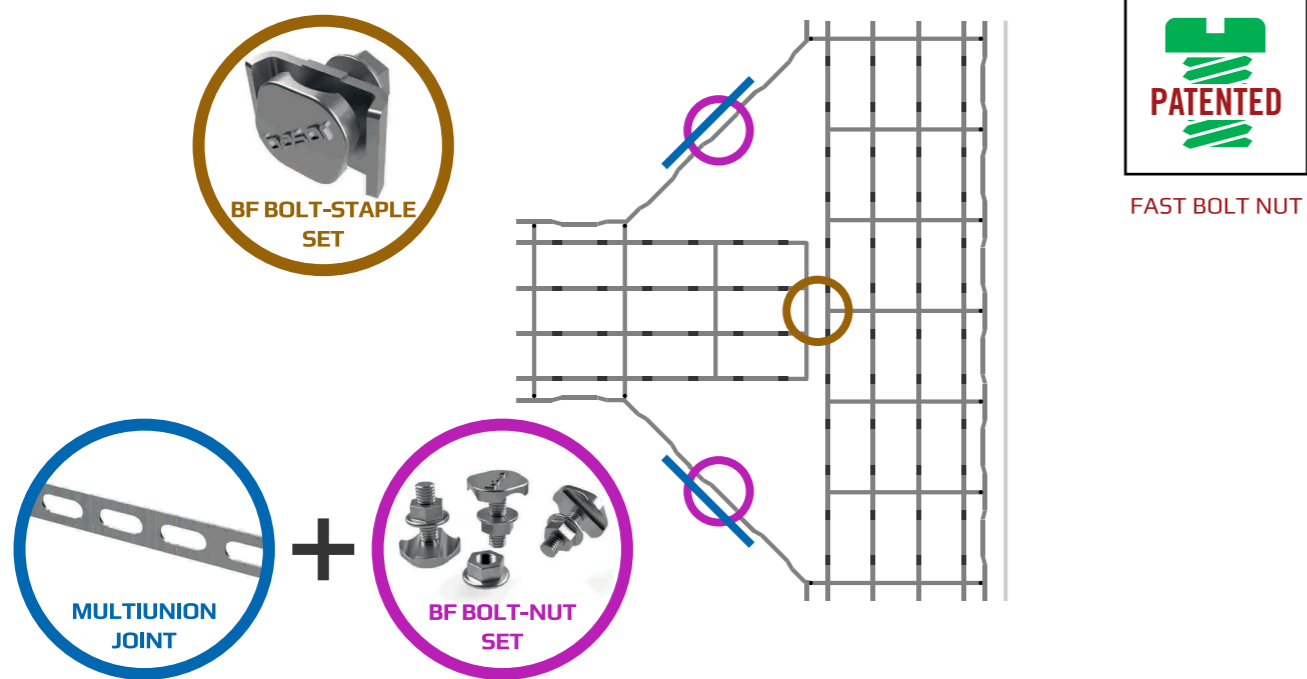
WIDTH	L	ACCESORIES
2"	50mm.	2x (BF Bolt-Staple Set + 2x (Bt 90°)
4"	100mm.	2x (BF Bolt-Staple Set + 2x (Bt 90°)
6"	150mm.	2x (BF Bolt-Staple Set + 2x (Bt 90°)
8"	200mm.	2x (BF Bolt-Staple Set + 2x (Bt 90°)
12"	300mm.	2x (BF Bolt-Staple Set + 2x (Bt 90°)
16"	400mm.	2x (BF Bolt-Staple Set + 2x (Bt 90°)
20"	500mm.	2x (BF Bolt-Staple Set + 2x (Bt 90°)
24"	600mm.	2x (BF Bolt-Staple Set + 2x (Bt 90°)



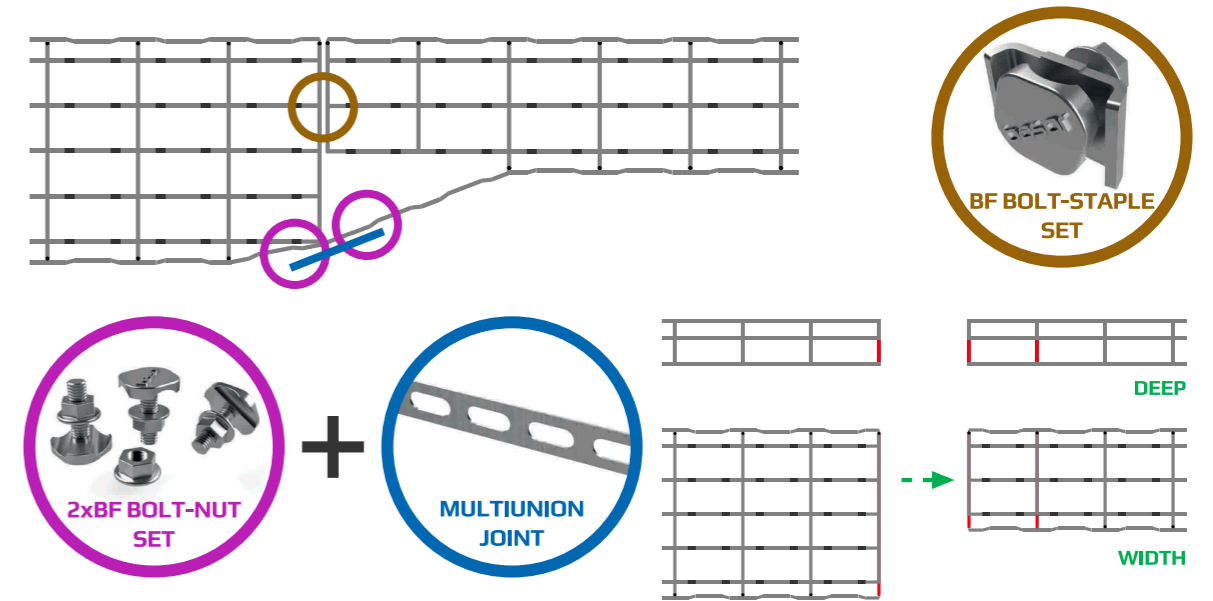
WIDTH	L	ACCESORIES
2"	50mm.	4x (BF Bolt-Staple Set + 4x (Bt 90°)
4"	100mm.	4x (BF Bolt-Staple Set + 4x (Bt 90°)
6"	150mm.	4x (BF Bolt-Staple Set + 4x (Bt 90°)
8"	200mm.	4x (BF Bolt-Staple Set + 4x (Bt 90°)
12"	300mm.	4x (BF Bolt-Staple Set + 4x (Bt 90°)
16"	400mm.	4x (BF Bolt-Staple Set + 4x (Bt 90°)
20"	500mm.	4x (BF Bolt-Staple Set + 4x (Bt 90°)
24"	600mm.	4x (BF Bolt-Staple Set + 4x (Bt 90°)



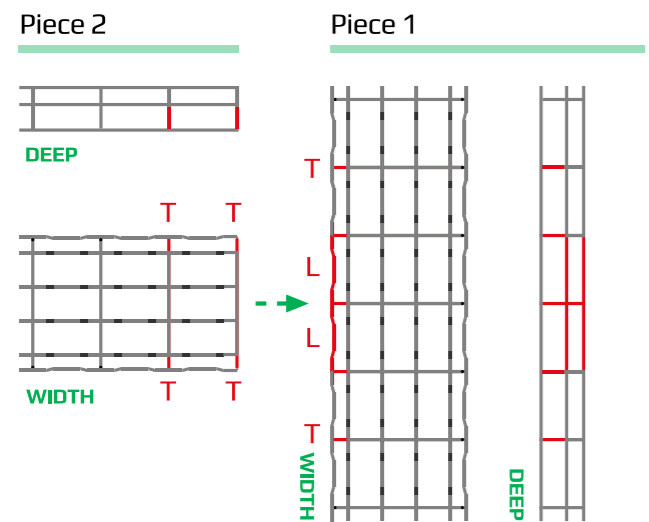
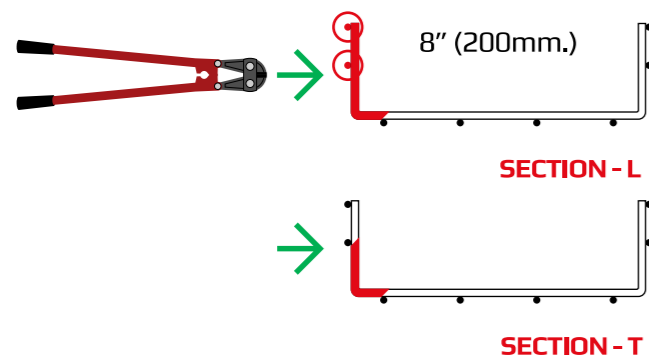
T/CROSS AT LARGE RADIUS - RIGHT ANGLE



REDUCING SIZE - 4"



FOR REDUCING TRAY ALSO NEED MU (2/0357) and Bolt and Nut Staple (2/4364)

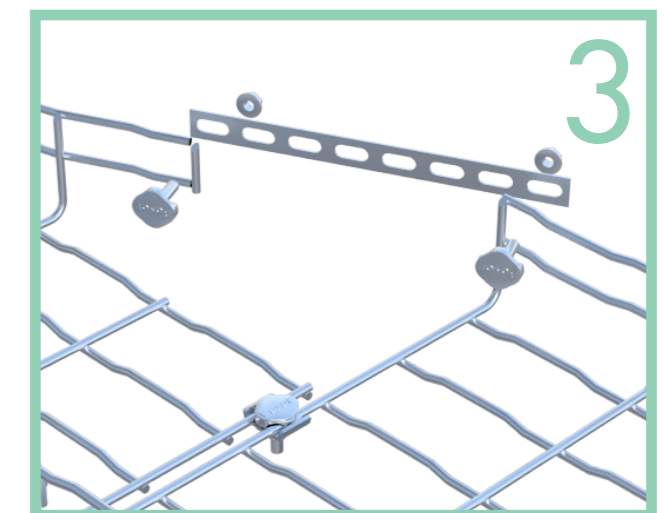
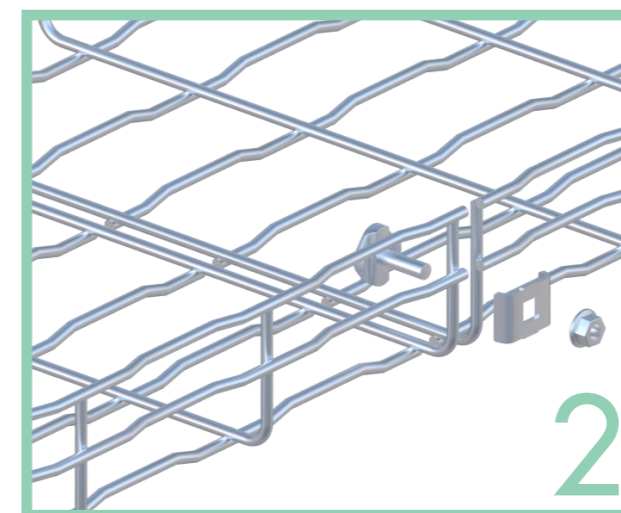
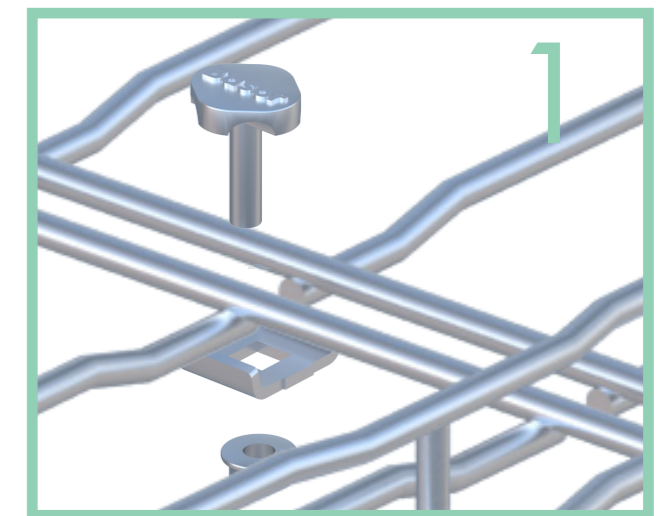


L and T = n° of rows to cut

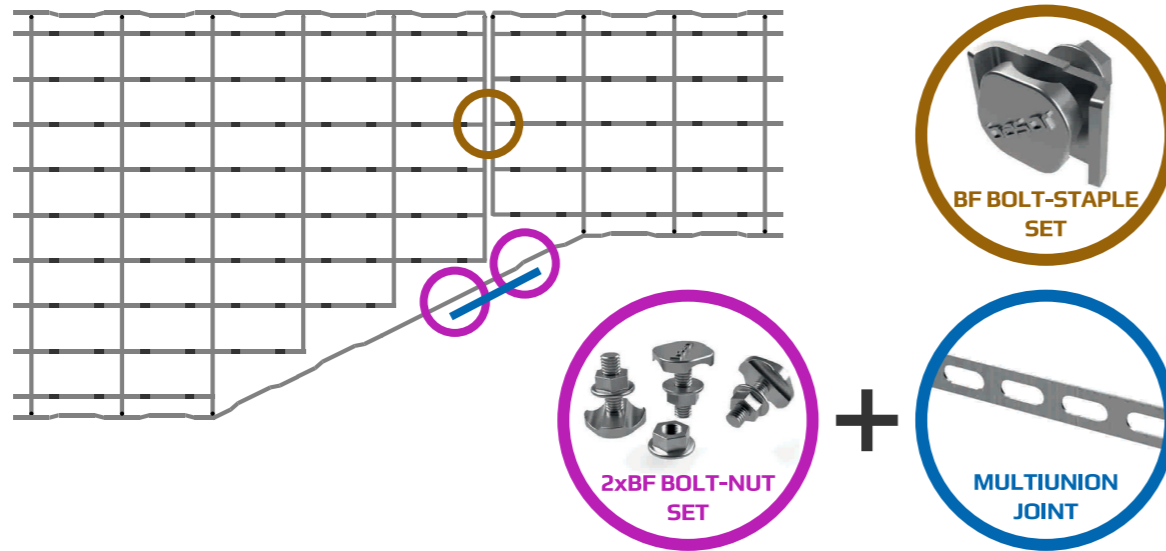
WIDTH	Piece 1		Piece 2		ACCESORIES
	L	T	L	T	
4"	100mm.	2	1+1	1+1	3x (BF Bolt-Staple Set)
6"	150mm.	3	1+1	1+1	1x (BF Bolt-Staple Set) + 2x (2x Bolt-Staple set + Multiunion Joint)
8"	200mm.	3	1+1	1+1	3x (BF Bolt-Staple Set)
12"	300mm.	4	1+1	1+1	4x (BF Bolt-Staple Set)
16"	400mm.	5	1+1	1+1	1x (BF Bolt-Staple Set) + 2x (2x Bolt-Staple set + Multiunion Joint)
20"	500mm.	6	1+1	1+1	4x (BF Bolt-Staple Set)
24"	600mm.	7	1+1	1+1	4x (BF Bolt-Staple Set)

** Cut the wire sections as shown on the Wire Mesh Cable Tray above and bend at desired angle.

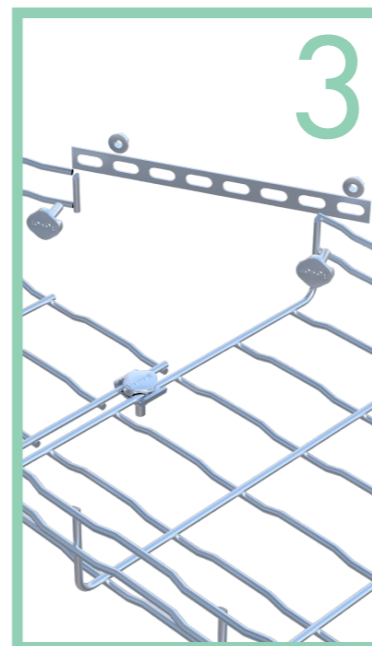
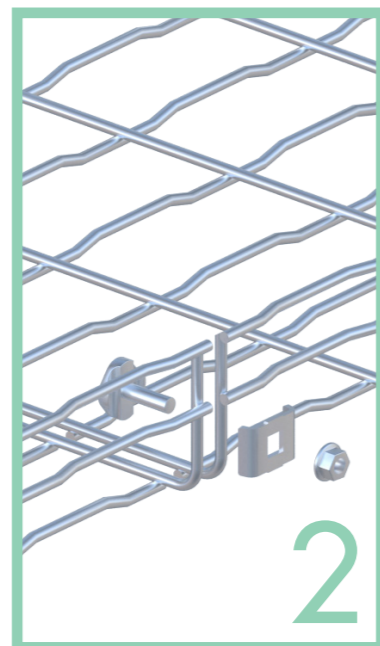
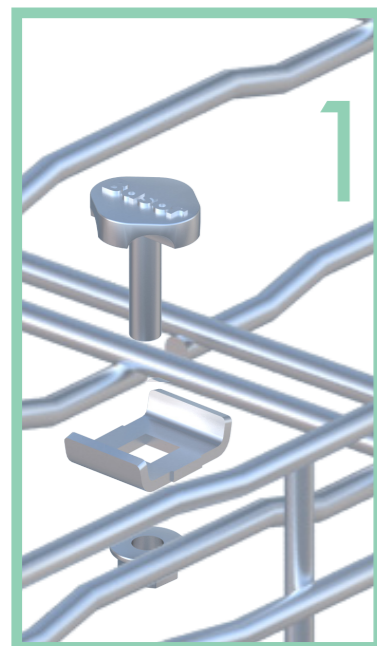
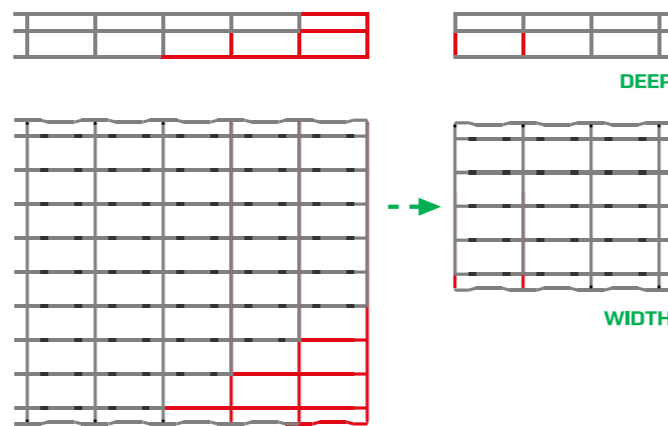
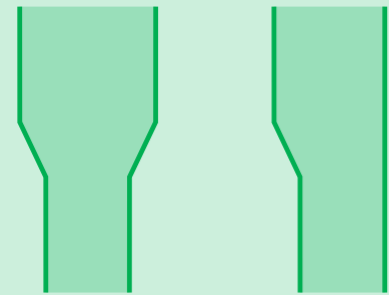
2" Deep BF2R tray has 2 side wires cuts as shown above
4" Deep BF2R tray has 3 side wires cuts
6" Deep BFR tray has 4 side wire cuts



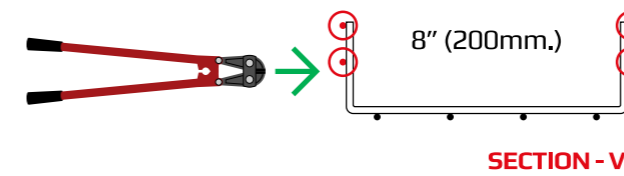
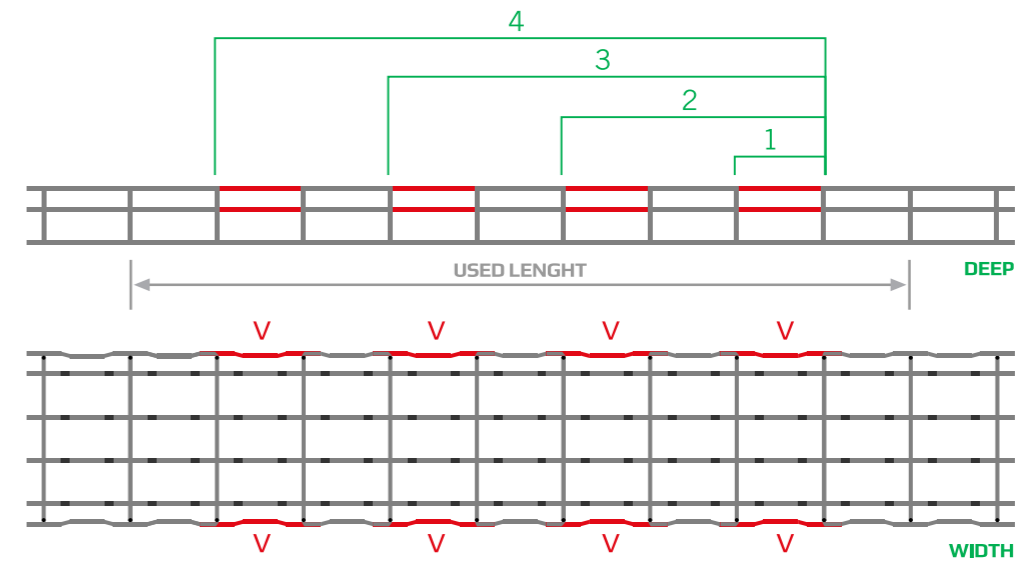
REDUCING SIZE - 8"



CHOOSE THE ONE YOU NEED

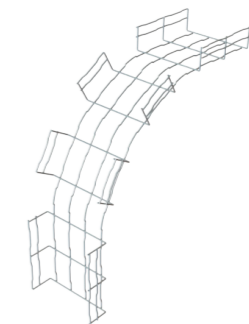
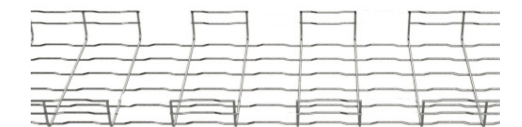
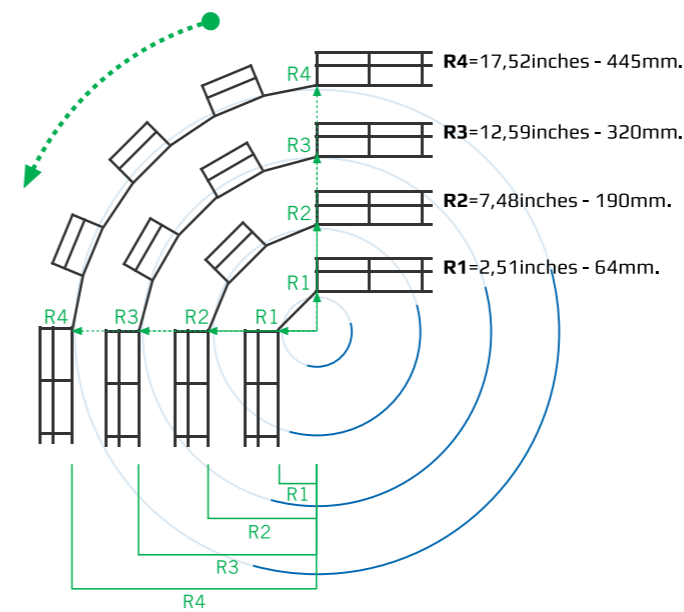


VERTICAL BENDS

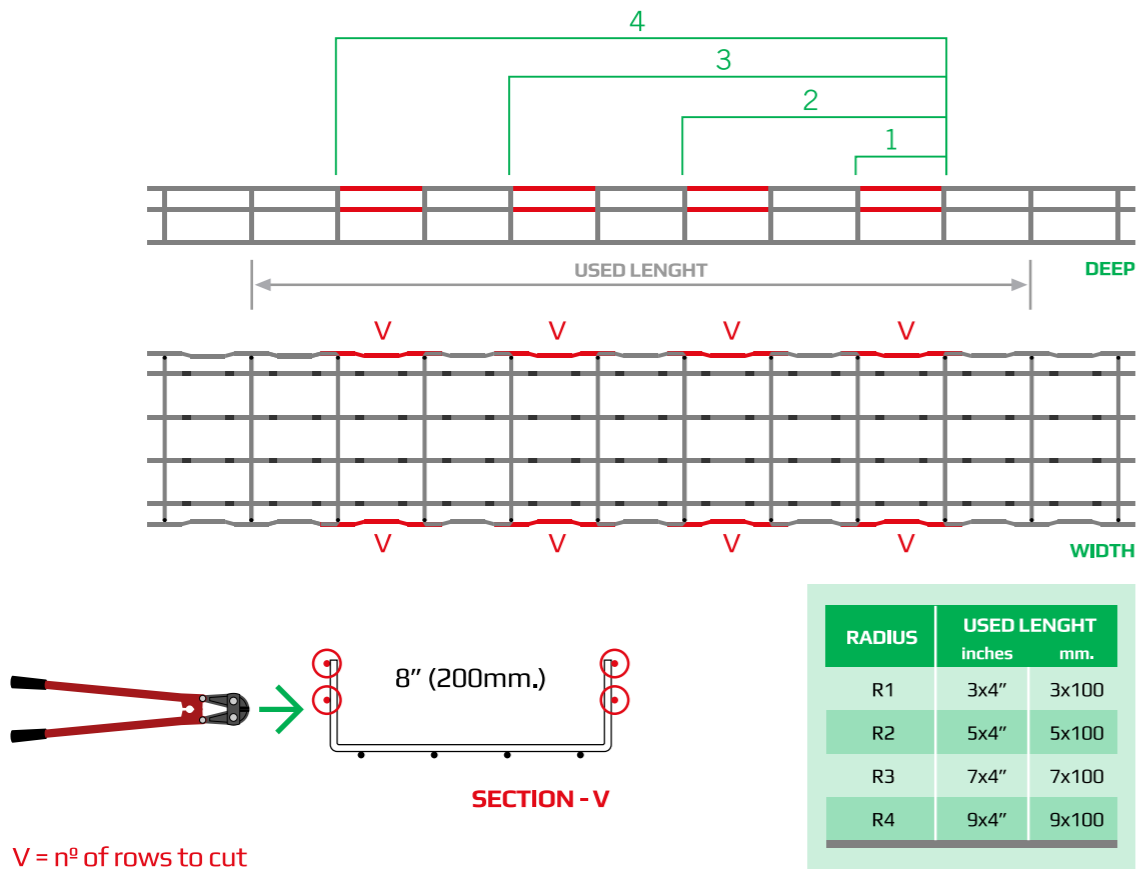


V = n° of rows to cut

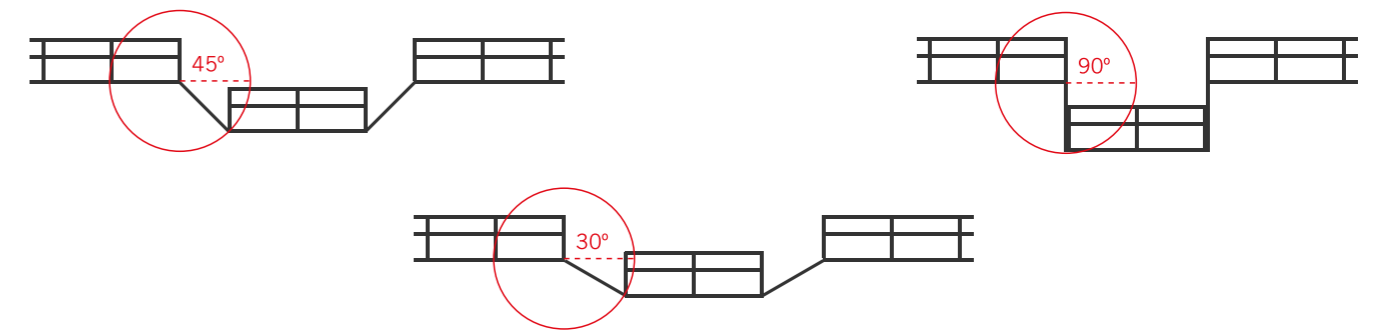
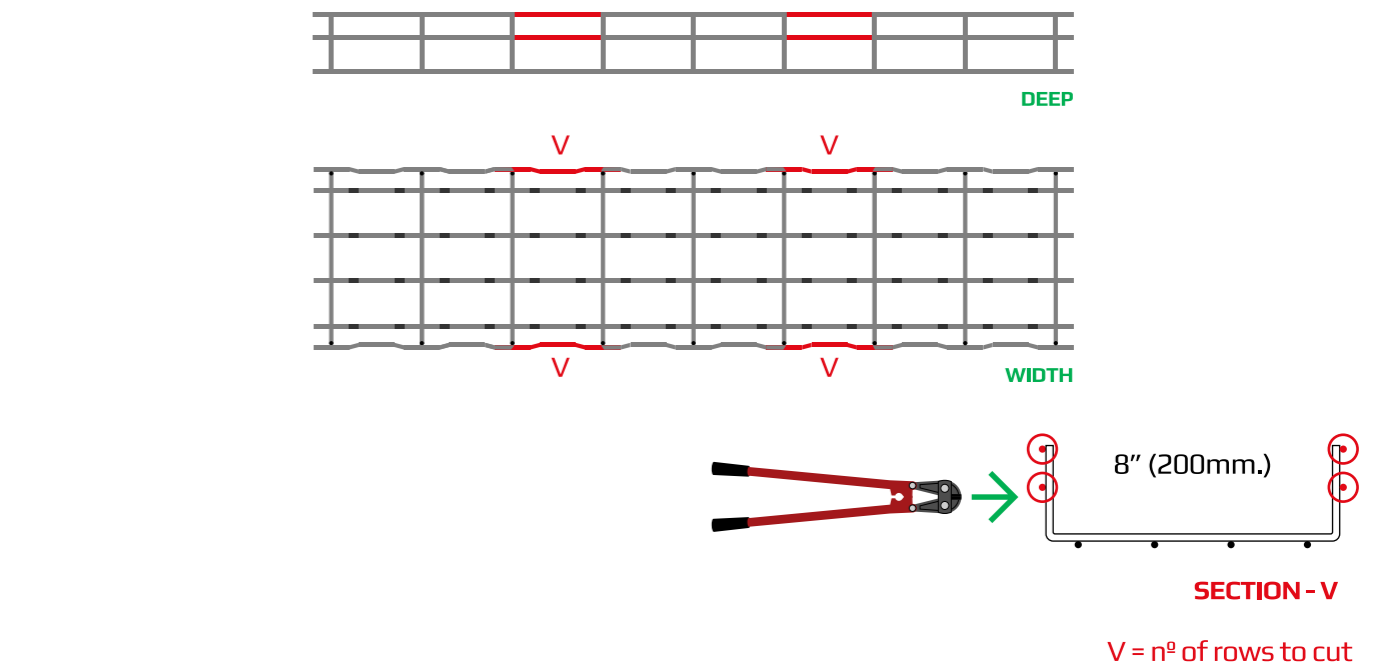
RADIUS	USED LENGTH	
	inches	mm.
R1	3x4"	3x100
R2	5x4"	5x100
R3	7x4"	7x100
R4	9x4"	9x100



VERTICAL BENDS

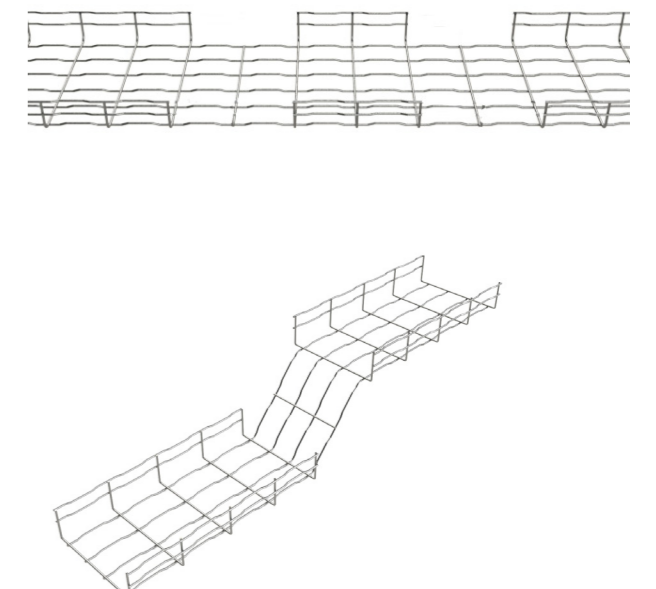
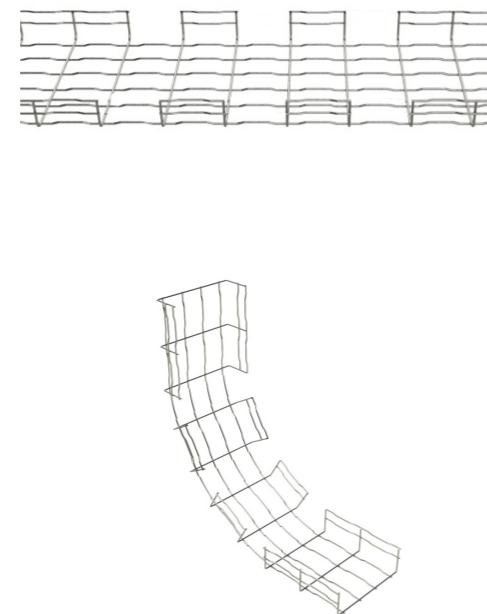
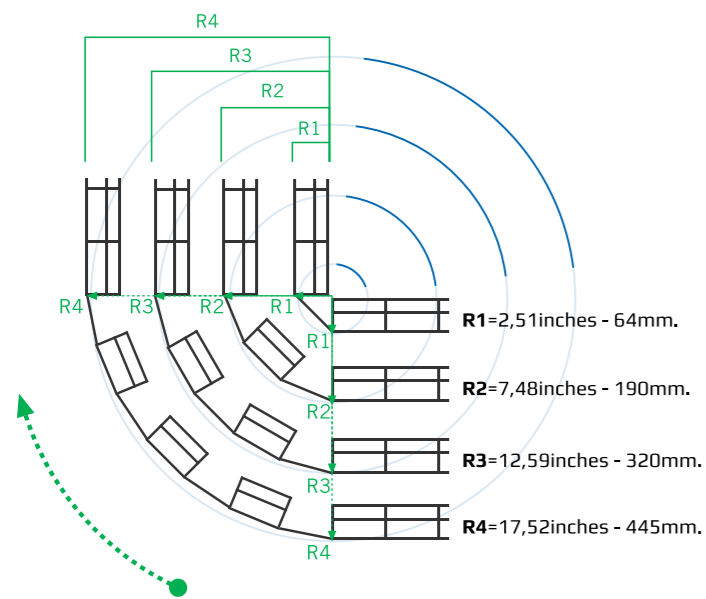


CHANGING LEVEL



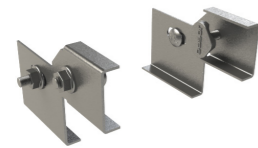
Vertical Inside and Outside Bend
** Cut the wire sections as shown on the Wire Mesh Cable Tray above and bend at desired angle.

2" Deep BF2R tray has 2 side wires cuts as shown above
4" Deep BF2R tray has 3 side wires cuts
6" Deep BFR tray has 4 side wire cuts

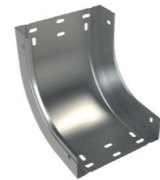


OTHER NEW PRODUCTS

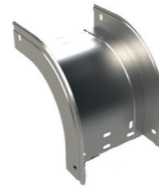
Other New Products from BASOR for Installation Purposes.
Call UNIVOLT Office for size offerings (based on tray sizes)



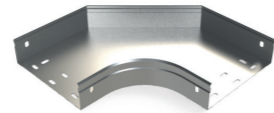
Connection Kit
JUER-BFR



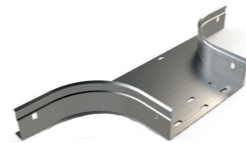
Inside bends
CCERC



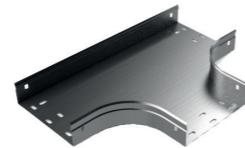
Outside bends
CXERC



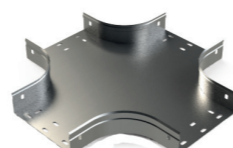
Flat bends
CPERC



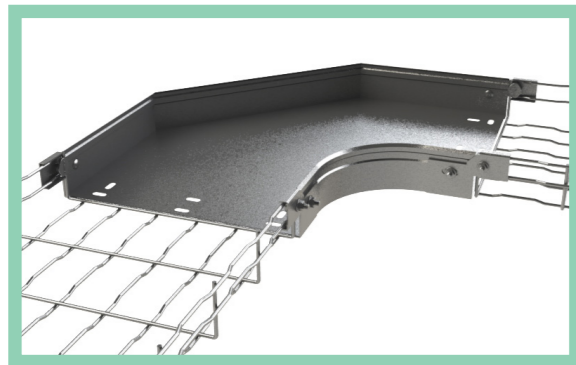
Derivation bends
AS



Tee bends
TERC



Cross bends
CRERC



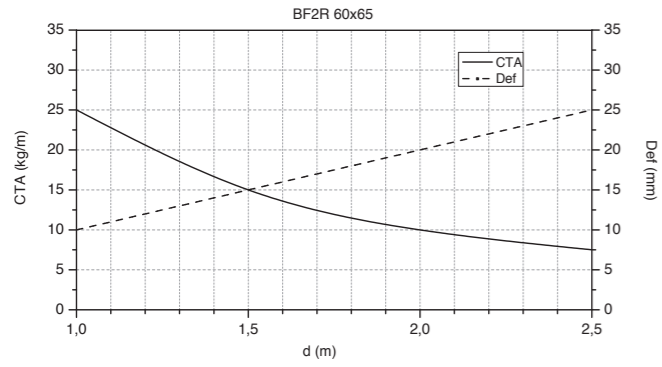
TECHNICAL DATA SHEETS



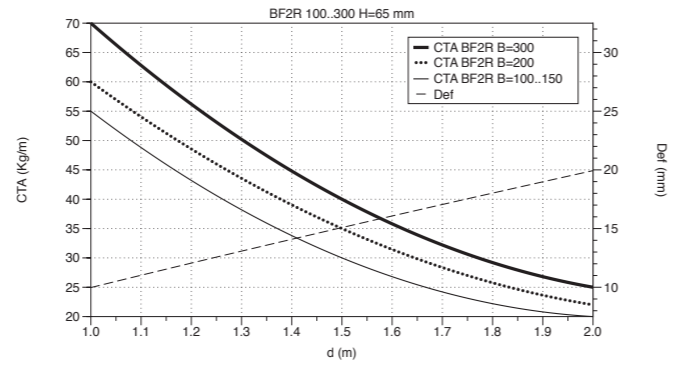


BF2R (UNE-EN 61537)

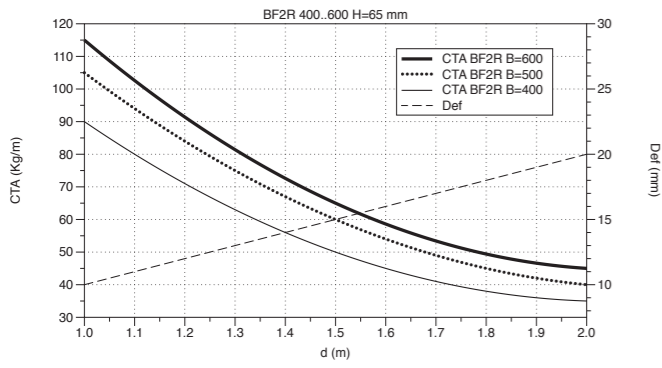
BF2R 60x65



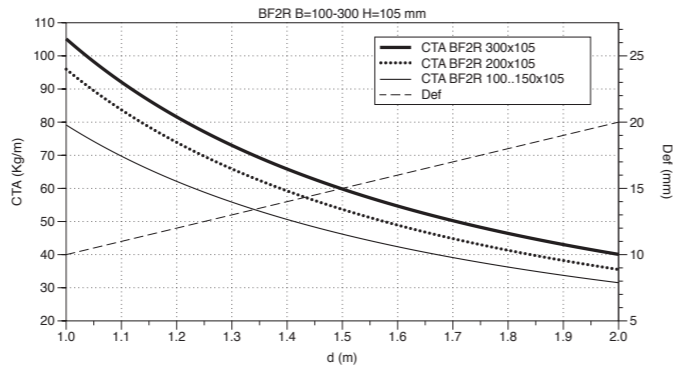
BF2R 100..300 H65



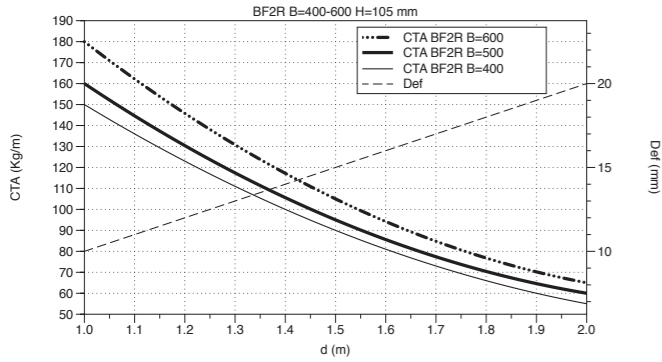
BF2R 400..600 H65



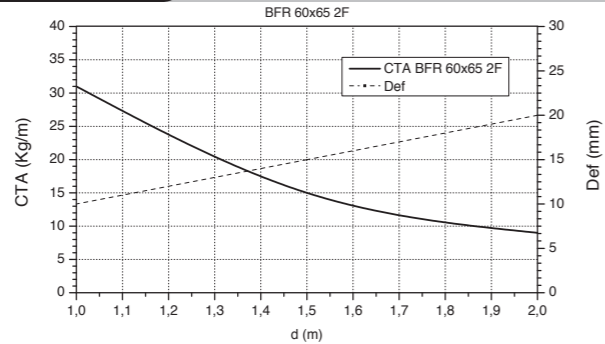
BF2R 100..300 H105



BF2R 400..600 H105

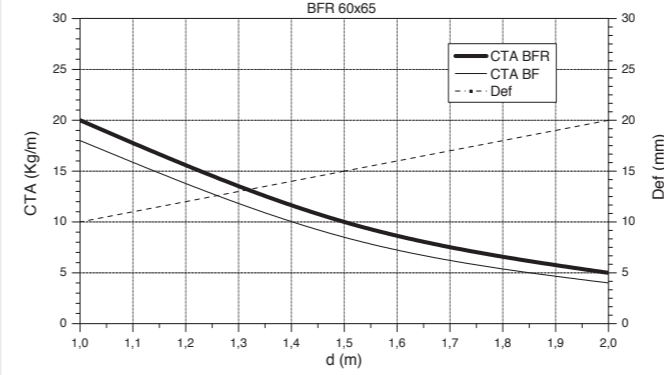


BFR-2F 60x65 (UNE-EN 61537)

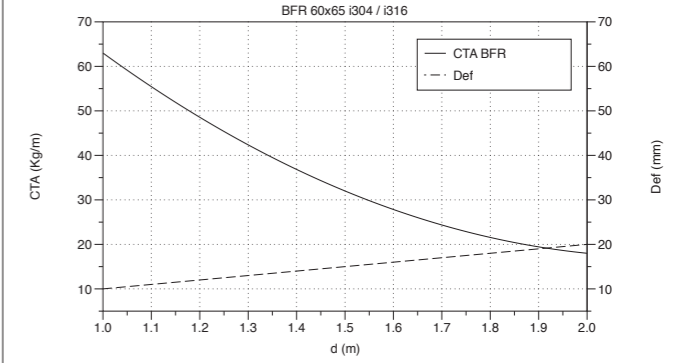


BFR (UNE-EN 61537)

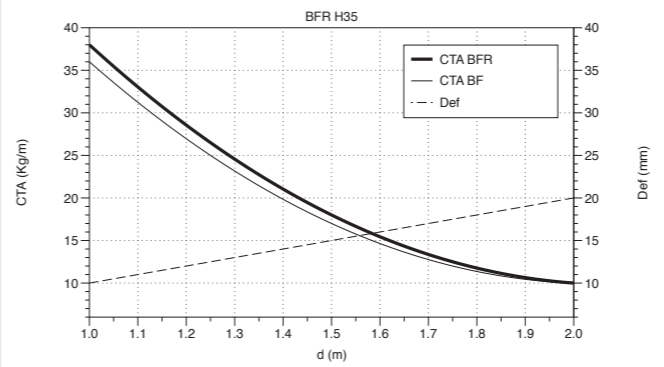
BFR 60x65



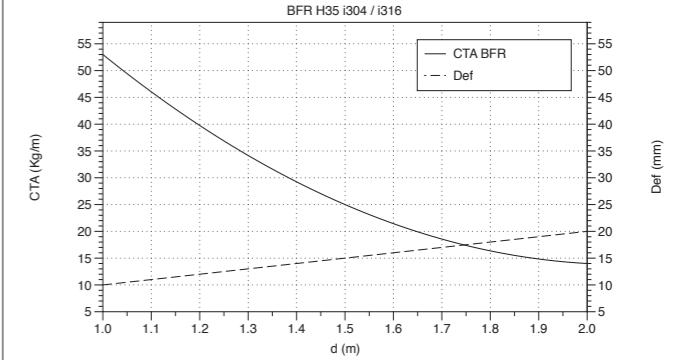
BFR 60x65 i304 / i316



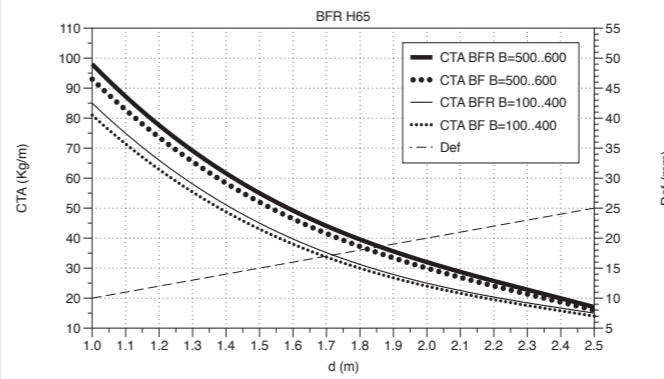
BFR H35



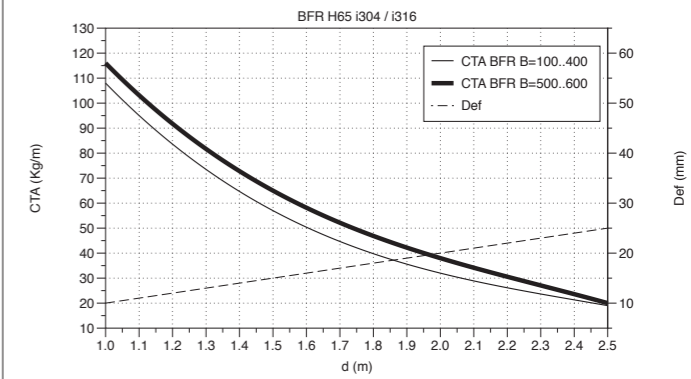
BFR H35 i304 / i316



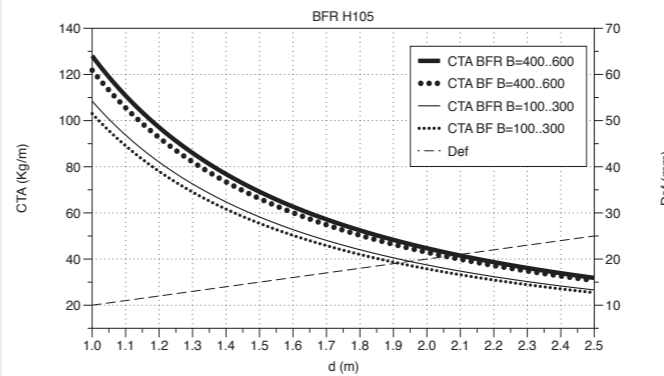
BFR H65



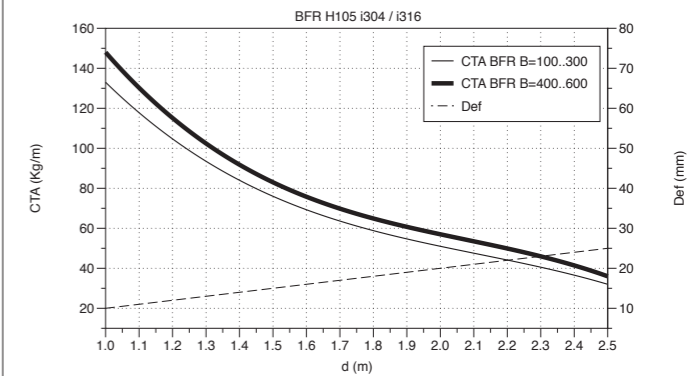
BFR H65 i304 / i316



BFR H105



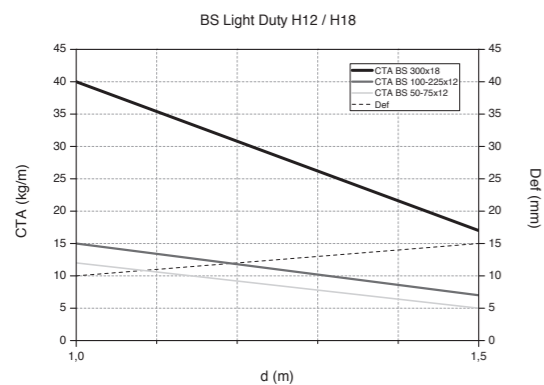
BFR H105 i304 / i316



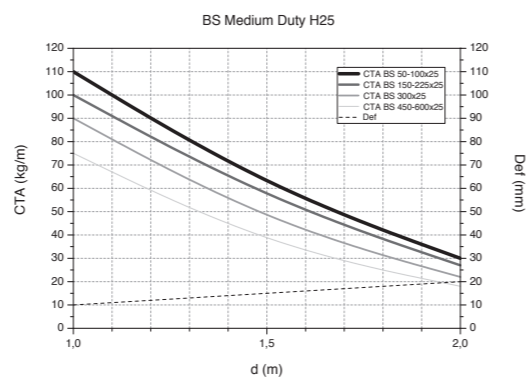


BS (UNE-EN 61537)

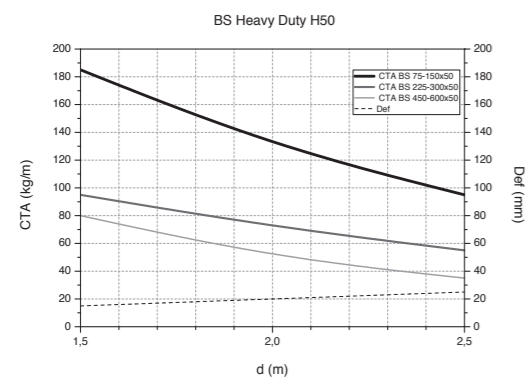
BS Light Duty H12 / H18



BS Medium Duty H25



BS Heavy Duty H50



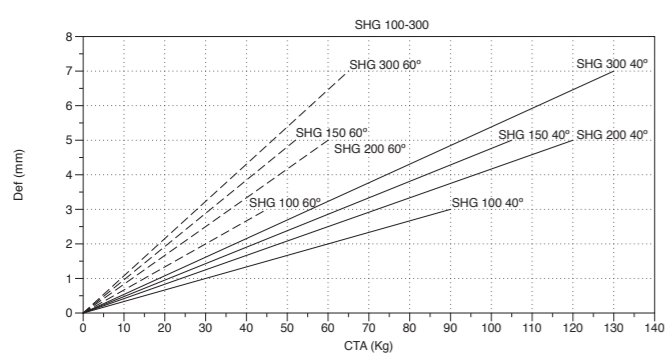
BASORPLAST

BPE (UNE-EN 61537)

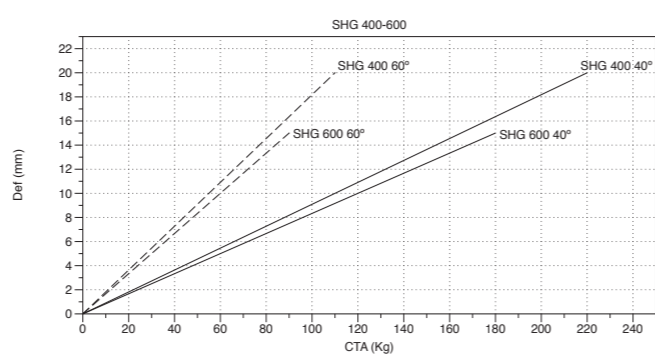
MODEL	SWL (Kg/m)		MODEL	SWL (Kg/m)
	Distance 1 m	Distance 1,5 m		Distance 1 m
BPE-60x100	39	20	BPE-60x100	20
BPE-60x150	43	22	BPE-60x150	22
BPE-60x200	64	31	BPE-60x200	31
BPE-60x300	74	38	BPE-60x300	38
BPE-100x200	119	57	BPE-100x200	57
BPE-100x300	125	61	BPE-100x300	61
BPE-100x400	168	81	BPE-100x400	81
BPE-100x600	227	112	BPE-100x600	112

MÁX. 40°C MÁX. 60°C

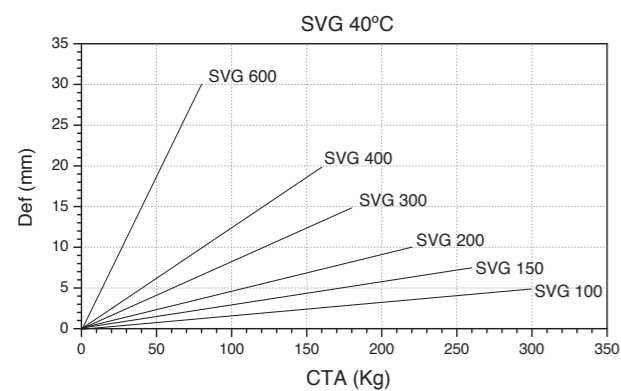
SHG 100..300



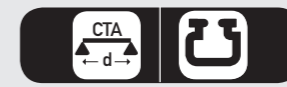
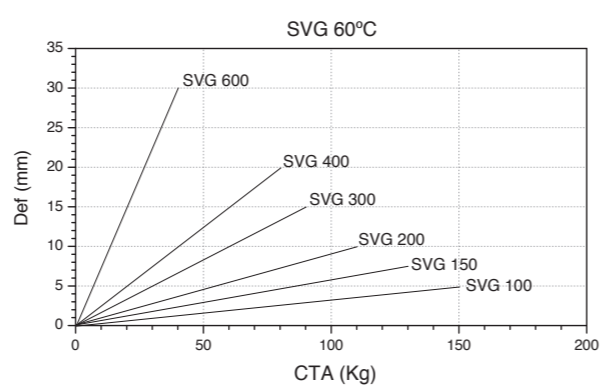
SHG 400..600



SVG 40°C

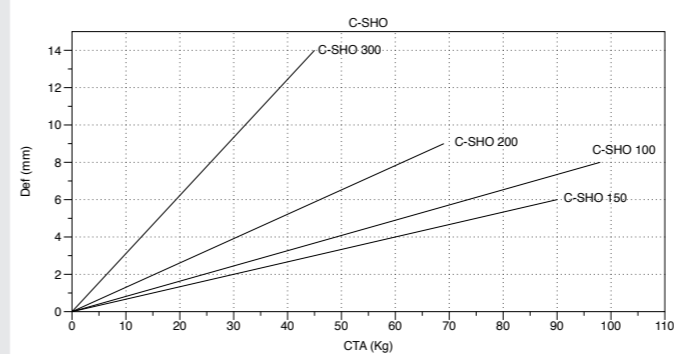


SVG 60°C

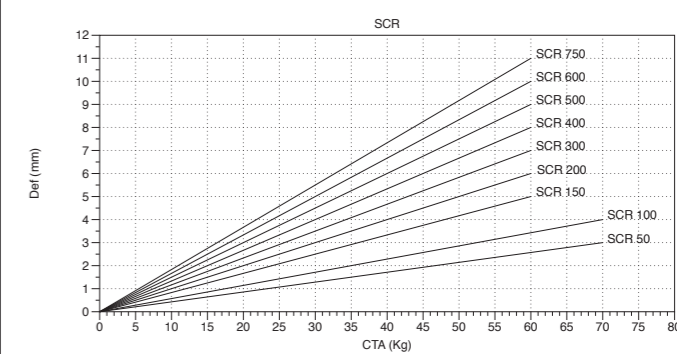


SUPPORTS (UNE-EN 61537)

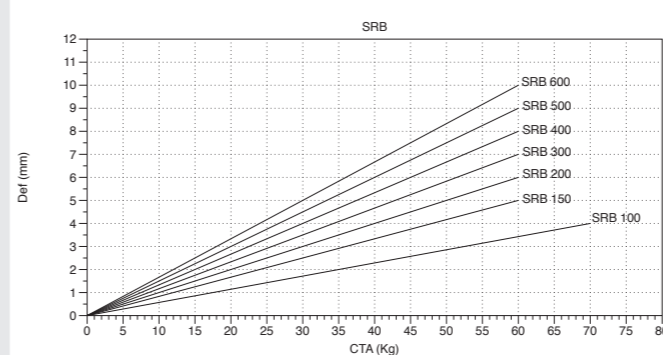
C-SHO



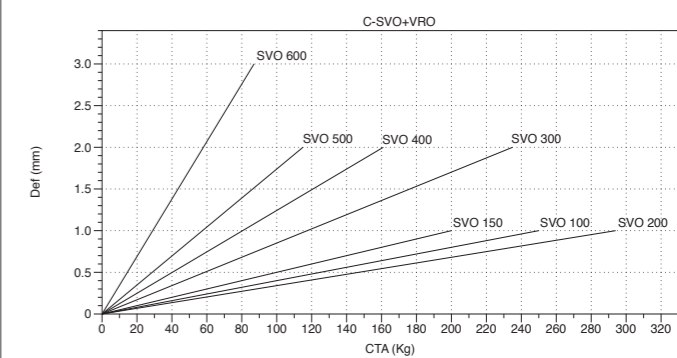
SCR



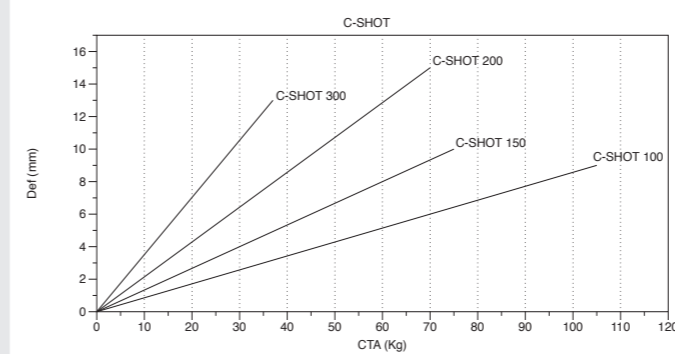
SRB



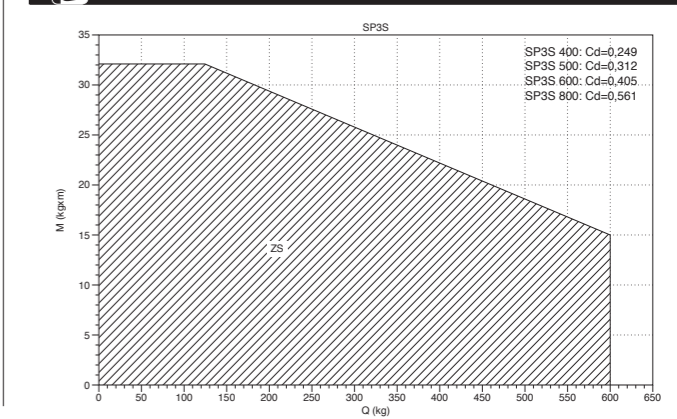
C-SVO+VRO



C-SHOT



SP3S



SV

B	CTA	
	mm	inch
100	4"	276
150	6"	265
200	8"	253
300	12"	207
400	16"	506
500	20"	460
600	24"	414

SFS +C-SVO

B	CTA	
	mm	inch
100	4"	176
150	6"	176
200	8"	176
300	12"	176
400	16"	161
500	20"	115
600	24"	87

PVC Cable trays Applications

WATER TREATMENT WORKS

PETROCHEMICAL INDUSTRY

RAILWAY INFRASTRUCTURES

COASTAL APPLICATIONS

CHEMICAL INDUSTRY

Basorplast BPE PVC M1 UV Cable Trays



UNE-EN 61537
UNE-EN 50085

TECHNICAL DATA SHEET

Models (HxW):

60x100; 60x150; 60x200; 60x300; 100x200; 100x300; 100x400; 100x600.

Types: Slotted or solid bottom

Finishes PVC UVM1 RAL 7035

Characteristics of the tray:

- Non metallic system
- Resistant to UV radiation UL568
- Excellent behaviour in outdoor
- Impact strength: 20J except 60x100 with 10J
- Minimum temperature
- Maximum temperature
- Non-Flame propagating
- No electrical continuity
- Insulating
- Dielectric Strength
- High resistance to corrosion substances (DIN 8061 & ISO/TR 10358)
- M1 reaction to fire: UNE 23727
- Glow wire test: 1760°F (960°C) EN 60695-2-11
- Flammability: UL 94-VO, ANSI/UL 94-1995
- LOI > 50% EN ISO 4589
- Comply: RoHS 2011/65/UE
- Raw material without silicone

INSTRUCTIONS FOR USE

Assembly: H60 (2 union joints + 4 bolts) H100 (2 coupler joints + 8 bolts).

Installation: Not allowed under other conduction system such as water, vapour or gas.

Ventilation: Minimum distance between each tray of 250 mm.

Enviroments: Wet, salty and chemical.

Expansions: Depending of the expected growth in the temperature (ΔT) leave a gap (h) between cable trays according to the following table:

Expected Temp. Growth		GAP	
ΔT (°F)	ΔT (°C)	h (mm)	
36	20	5	
54	30	7	
72	40	9	
90	50	11	



Available on basor.com

SAFE WORKING LOADS: RECOMMENDATION

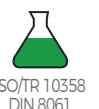
MODELS	IEC 61537 SWL (CTA) kg/m (lb/ft)							
	Temp. Max 40°C (104°F)				Temp. Max 60°C (140°F)			
	1 m span (Vano)		1,5 m span (Vano)		1 m span (Vano)		1,5 m span (Vano)	
	Kg/m	Lb/ft	Kg/m	Lb/ft	Kg/m	Lb/ft	Kg/m	Lb/ft
BPE-60X100	38	26	24	16	28	19	10	7
BPE-60X150	39	26	25	17	30	20	12	8
BPE-60X200	67	45	38	26	36	24	16	11
BPE-60X300	74	50	45	30	40	27	21	14
BPE-100X200	121	81	77	52	62	42	34	23
BPE-100X300	123	83	89	56	75	50	38	26
BPE-100X400	178	120	102	68	88	79	48	32
BPE-100X600	212	142	121	81	108	73	58	39

NOTE: Tests according to IEC 61537 (limited deflection) Type III test, with 1.7 Safety factor

PVC UV
corrosion
resistant trays for
EXTERNAL APPLICATION



ES 2376



IEC 60529

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

IEC 50102

BPE-P / H60



Univolt Part Code	Description	Pack QTY
BPE60X100PVC	BPE 60X100	6 m
BPE60X150PVC	BPE 60X150	6 m
BPE60X200PVC	BPE 60X200	6 m
BPE60X300PVC	BPE 60X300	6 m



COVER TBPE



Univolt Part Code	Description	Pack QTY
TBPE100/P/PVC	TBPE 100	6 m
TBPE150/P/PVC	TBPE 150	6 m
TBPE200/P/PVC	TBPE 200	6 m
TBPE300/P/PVC	TBPE 300	6 m
TBPE400/P/PVC	TBPE 400	6 m
TBPE600/P/PVC	TBPE 600	6 m



OUTSIDE BEND CXBPE



Univolt Part Code	Description	Pack QTY
CXBPE60X100PVC	CXBPE 60X100	1 ea
CXBPE60X150PVC	CXBPE 60X150	1 ea
CXBPE60X200PVC	CXBPE 60X200	1 ea
CXBPE60X300PVC	CXBPE 60X300	1 ea
CXBPE100X200PVC	CXBPE 100X200	1 ea
CXBPE100X300PVC	CXBPE 100X300	1 ea
CXBPE100X400PVC	CXBPE 100X400	1 ea
CXBPE100X600PVC	CXBPE 100X600	1 ea

COVER OUTSIDE BEND TCXBPE



Univolt Part Code	Description	Pack QTY
TCXBPE60X100PVC	TCXBPE 60X100	1 ea
TCXBPE60X150PVC	TCXBPE 60X150	1 ea
TCXBPE60X200PVC	TCXBPE 60X200	1 ea
TCXBPE60X300PVC	TCXBPE 60X300	1 ea
TCXBPE100X200PVC	TCXBPE 100X200	1 ea
TCXBPE100X300PVC	TCXBPE 100X300	1 ea
TCXBPE100X400PVC	TCXBPE 100X400	1 ea
TCXBPE100X600PVC	TCXBPE 100X600	1 ea

BPE-P / H100



Univolt Part Code	Description	Pack QTY
BPE100X200PVC	BPE 100X200	6 m
BPE100X300PVC	BPE 100X300	6 m
BPE100X400PVC	BPE 100X400	6 m
BPE100X600PVC	BPE 100X600	6 m



END COVER TFBPE



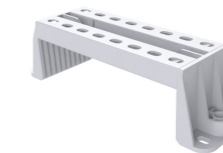
Univolt Part Code	Description	Pack QTY
TFBPE60X100PVC	TFBPE 60X100	1 ea
TFBPE60X150PVC	TFBPE 60X150	1 ea
TFBPE60X200PVC	TFBPE 60X200	1 ea
TFBPE60X300PVC	TFBPE 60X300	1 ea
TFBPE100X200PVC	TFBPE 100X200	1 ea
TFBPE100X300PVC	TFBPE 100X300	1 ea
TFBPE100X400PVC	TFBPE 100X400	1 ea
TFBPE100X600PVC	TFBPE 100X600	1 ea

SUPPORT SHG



Univolt Part Code	Description	Pack QTY
SHG100PVC	SHG 100	1 ea
SHG150PVC	SHG 150	1 ea
SHG200PVC	SHG 200	1 ea
SHG300PVC	SHG 300	1 ea
SHG400PVC	SHG 400	1 ea
SHG600PVC	SHG 600	1 ea

SUPPORT SVG



Univolt Part Code	Description	Pack QTY
SVG100PVC	SVG 100	1 ea
SVG150PVC	SVG 150	1 ea
SVG200PVC	SVG 200	1 ea
SVG300PVC	SVG 300	1 ea
SVG400PVC	SVG 400	1 ea
SHVG600PVC	SVG 600	1 ea

FLAT BEND 90° CPBPE



Univolt Part Code	Description	Pack QTY
CPBPE60X100PVC	CPBPE 60X100	1 ea
CPBPE60X150PVC	CPBPE 60X150	1 ea
CPBPE60X200PVC	CPBPE 60X200	1 ea
CPBPE60X300PVC	CPBPE 60X300	1 ea
CPBPE100X200PVC	CPBPE 100X200	1 ea
CPBPE100X300PVC	CPBPE 100X300	1 ea
CPBPE100X400PVC	CPBPE 100X400	1 ea
CPBPE100X600PVC	CPBPE 100X600	1 ea



COVER FLAT BEND TCPBPE



Univolt Part Code	Description	Pack QTY
TCPBPE100PVC	TCPBPE 100	1 ea
TCPBPE150PVC	TCPBPE 150	1 ea
TCPBPE200PVC	TCPBPE 200	1 ea
TCPBPE300PVC	TCPBPE 300	1 ea
TCPBPE400PVC	TCPBPE 400	1 ea
TCPBPE600PVC	TCPBPE 600	1 ea

COUPLERS & SCREWS



Univolt Part Code	Description	Pack QTY
JUBPE-60	JUBPE 60	10 ea
JUBPE-100	JUBPE 100	10 ea
CTBP-100PVC	CTBP-100	100 ea

HINGED JOINTS



Univolt Part Code	Description	Pack QTY
JUBPEAB-60	JUBPE-AB 60	1 kit
JUBPEAB-100	JUBPE-AB 100	1 kit

INSIDE BEND CCBPE



Univolt Part Code	Description	Pack QTY
CCBPE60X100PVC	CCBPE 60X100	1 ea
CCBPE60X150PVC	CCBPE 60X150	1 ea
CCBPE60X200PVC	CCBPE 60X200	1 ea
CCBPE60X300PVC	CCBPE 60X300	1 ea
CCBPE100X200PVC	CCBPE 100X200	1 ea
CCBPE100X300PVC	CCBPE 100X300	1 ea
CCBPE100X400PVC	CCBPE 100X400	1 ea
CCBPE100X600PVC	CCBPE 100X600	1 ea



COVER INSIDE BEND TCCBPE



Univolt Part Code	Description	Pack QTY
TCCBPE60X100PVC	TCCBPE 60X100	1 ea
TCCBPE60X150PVC	TCCBPE 60X150	1 ea
TCCBPE60X200PVC	TCCBPE 60X200	1 ea
TCCBPE60X300PVC	TCCBPE 60X300	1 ea
TCCBPE100X200PVC	TCCBPE 100X200	1 ea
TCCBPE100X300PVC	TCCBPE 100X300	1 ea
TCCBPE100X400PVC	TCCBPE 100X400	1 ea
TCCBPE100X600PVC	TCCBPE 100X600	1 ea

BRIDLE IK BIK10



Univolt Part Code	Description	Pack QTY
BIK60X100	BIK10-BPE 60X100	10 ea
BIK60X150	BIK10-BPE 60X150	10 ea
BIK60/100X200	BIK10-BPE 60/100X200	10 ea
BIK60/100X300	BIK10-BPE 60/100X300	10 ea
BIK100X400	BIK10-BPE 100X400	10 ea
BIK100X600	BIK10-BPE 100X600	10 ea

TEE/CROSS PDBPE



Univolt Part Code	Description	Pack QTY
PDBPE60PVC	PDBPE 60	1 ea
PDBPE100PVC	PDBPE 100	1 ea

PROFILES AND HEAD PROFILES



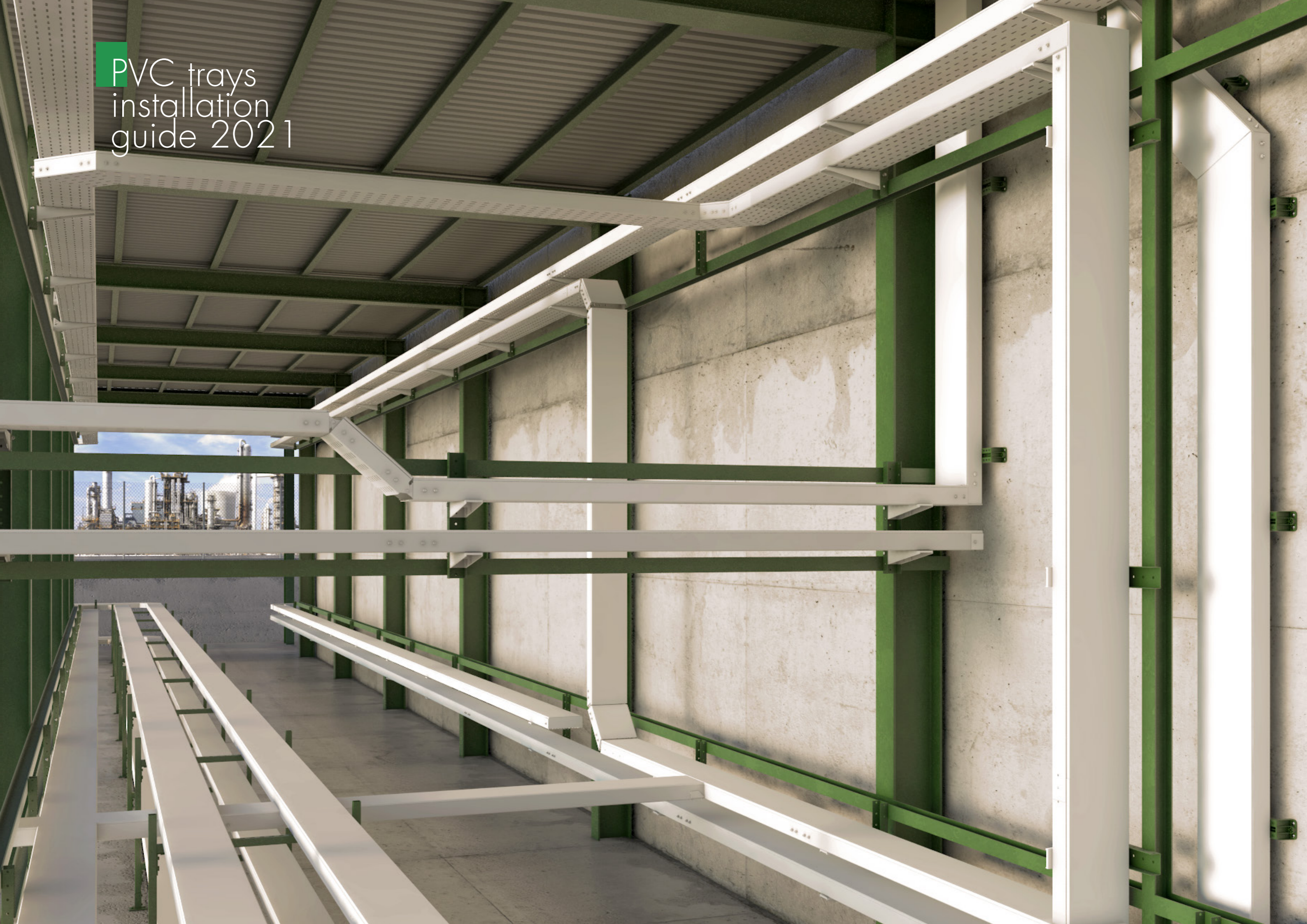
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PSHG2M	PSHG 2M	2 m
PSHGR600	PSHGR 600	2 ea
TFSHGRPVC	TFSHGR PVC	1 ea
KSHGR	KSHGR	1 ea
CT2M10X100	CT2 M10X100	50 ea

DIVIDER PROFILE PSBPE



Univolt Part Code	Description	Pack QTY
PSBPE60PVC	PSBPE 60	30 m
PSBPE100PVC	TPSBPE 100	30 m

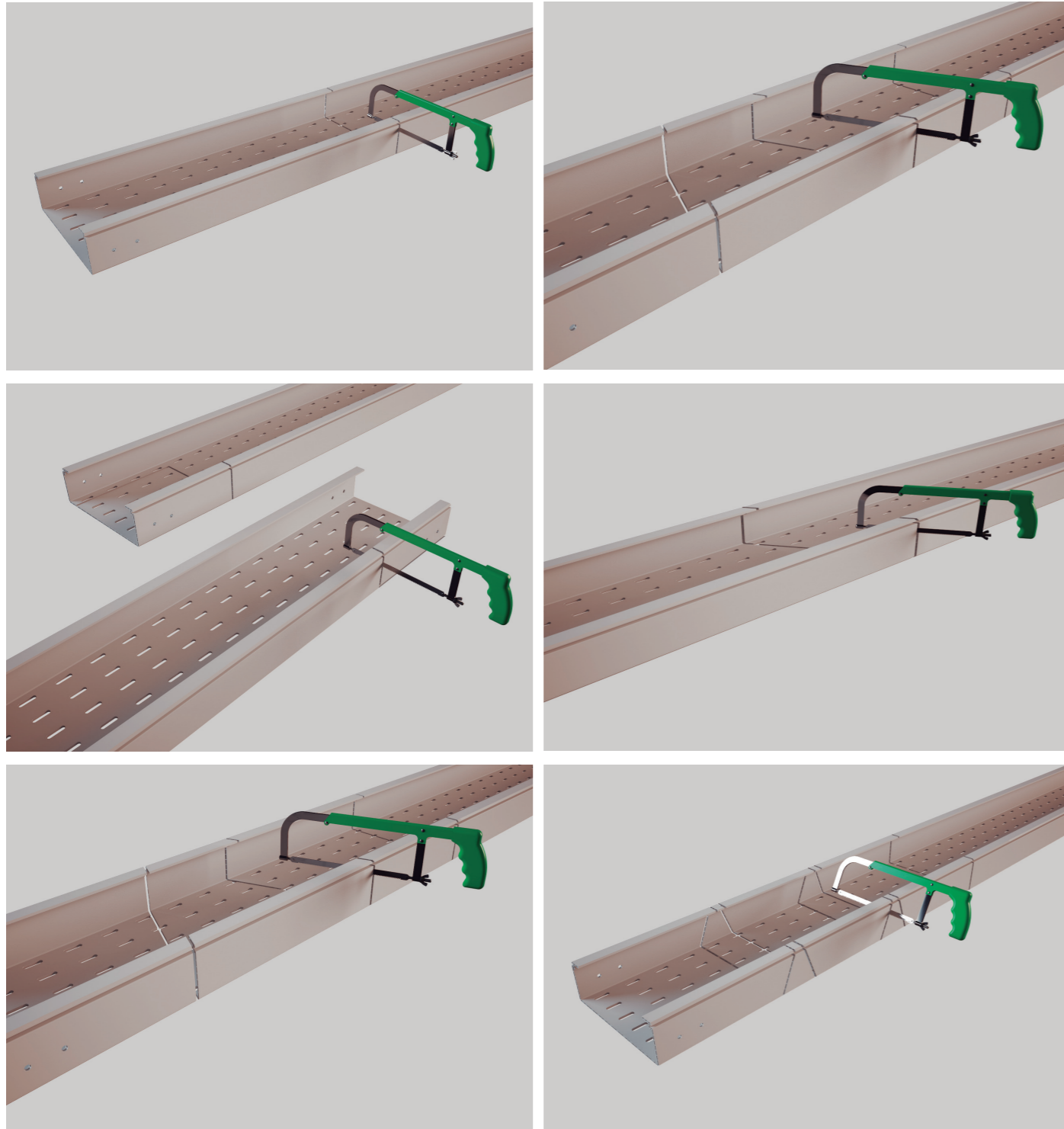
PVC trays
installation
guide 2021



Cutting

Basorplast cable tray is made from a PVC material that can be cut using a standard hand cutting saw with a fine-tooth cutting blade.

Lightly sand any rough surfaces for optimum results.



Tools and mounting accessories

Mounting accessories



Screws and nuts:
PVC sets of screws and nuts for all the list of union joints (210017).



Standard union joint:
Straight PVC union joint available for high 60 (210084) and high 100 (210085).



Vertical union joint:
Articulated PVC union joint available for high 60 (223613) and high 100 (223614).



Horizontal union joint:
Mobile PVC union joint available for high 60 (223613) and high 100 (223614).



PVC derivation Piece:
Angle made of PVC for high 60 (223021) and high 100 (223022).

Tools



Electric Drill:
Use an electric drill machine and a borer to drill (of the n°8)

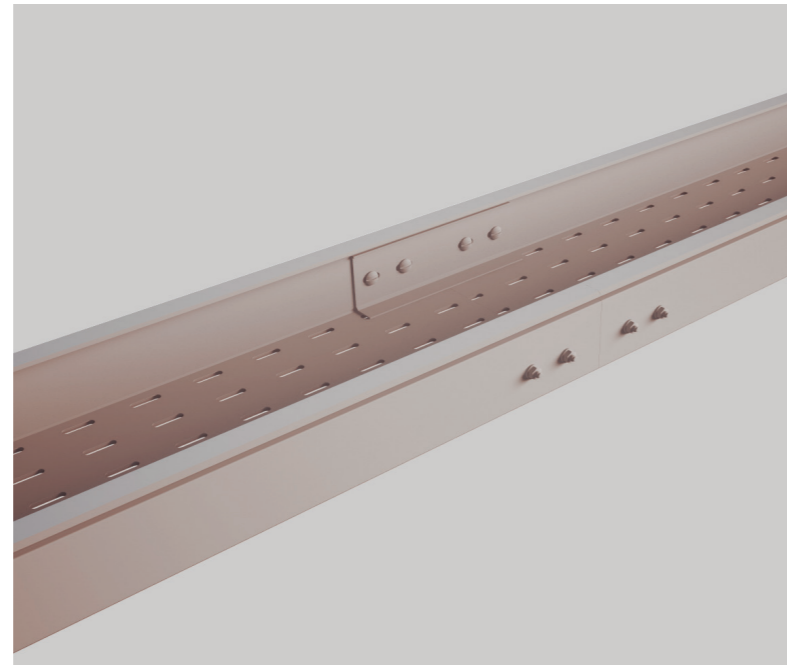
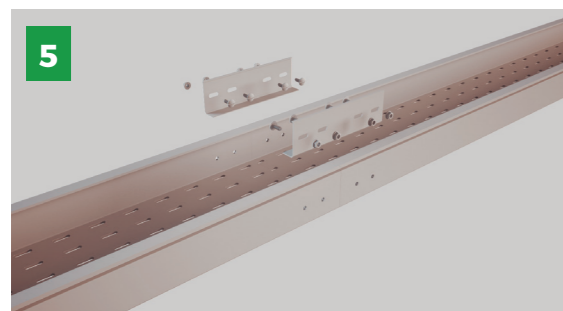
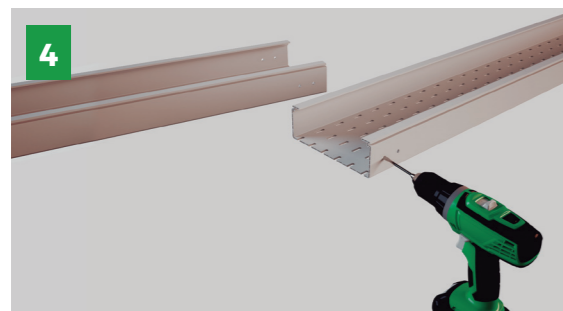
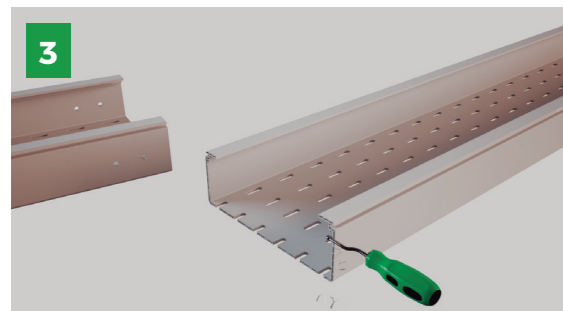
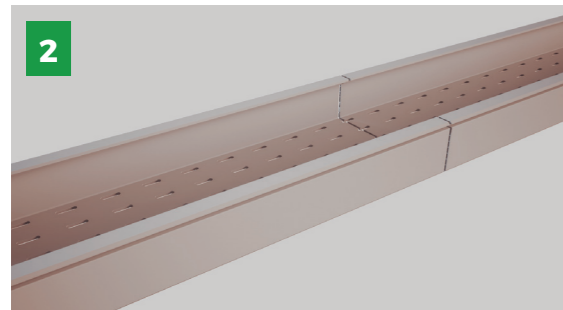
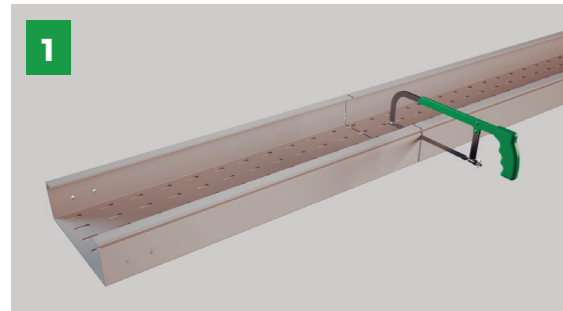


Cutting saw:
Use a standard cutting saw for PVC materials.



De-Burr Machine:
Use a small hand re-burr cutter for all materials.

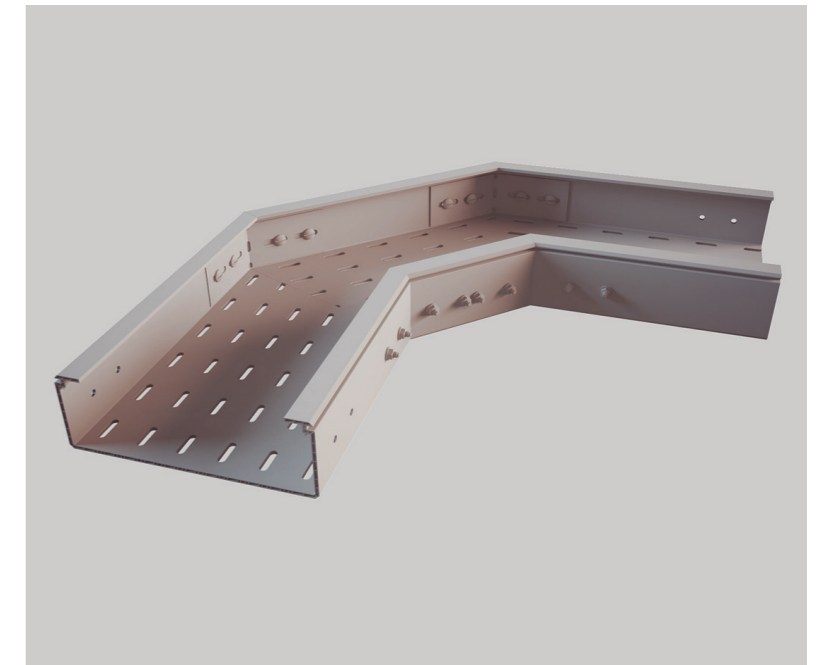
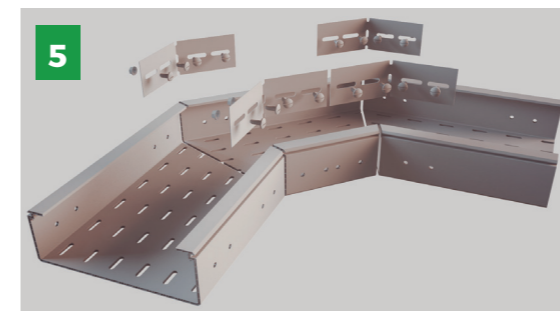
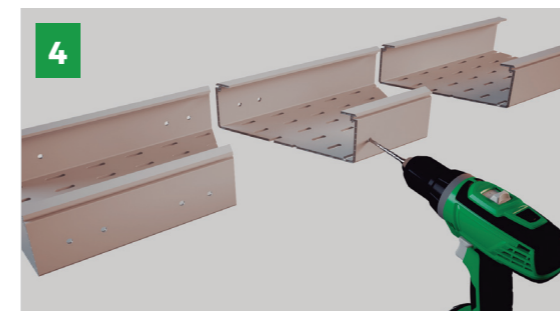
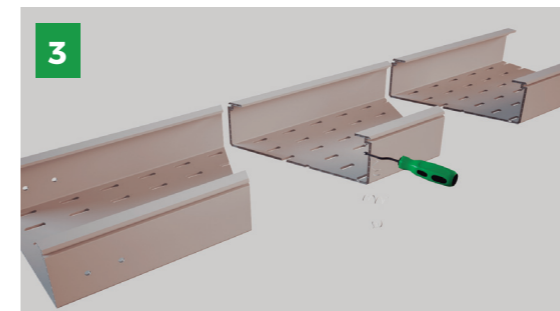
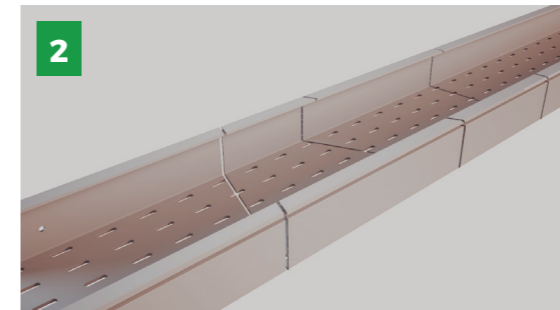
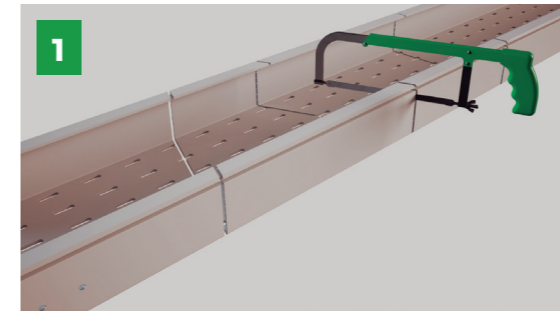
Straight Junctions



INSTRUCTIONS

1. Cut the tray piece with the cutting saw into 2 pieces making a straight cut.
2. Separate the 2 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 2 holes (for high 60) or 4 holes (for high 100) on each piece with the electric drill.
5. Put 2 union joints JUBPE (210084 for the 60mm height or 210085 for the 100mm) in the correct position and fix the union joints on the tray using 4 screws (for high 60) or 8 screws (for high 100) B2-P (210017).

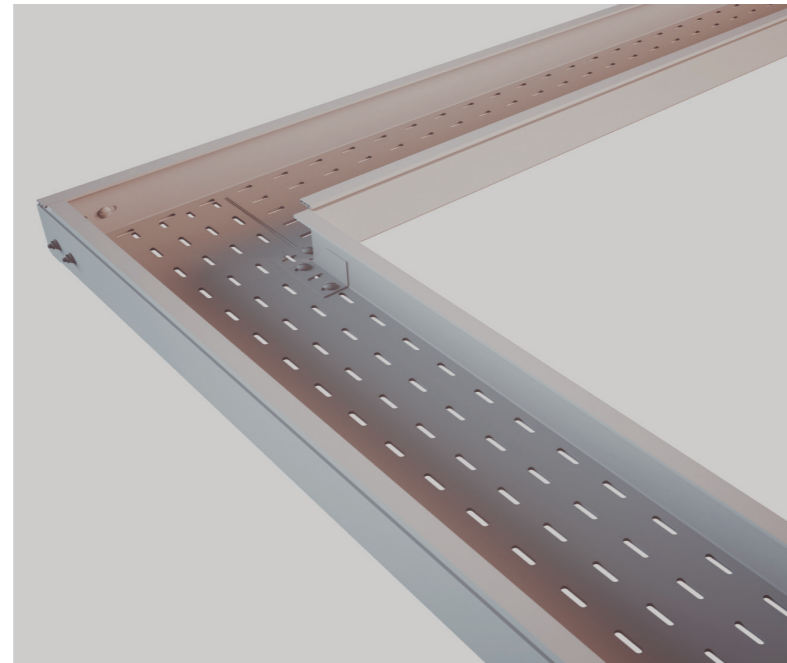
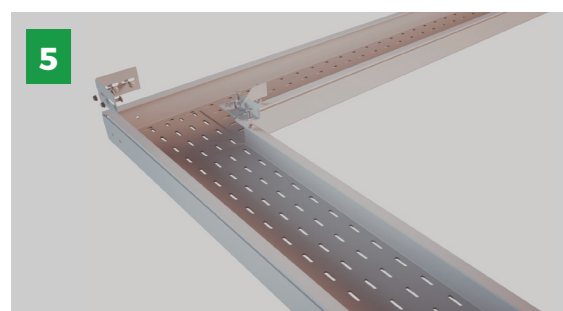
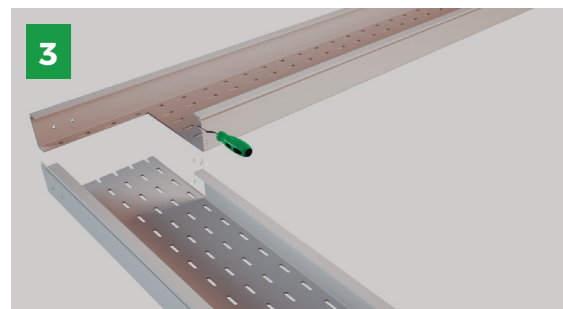
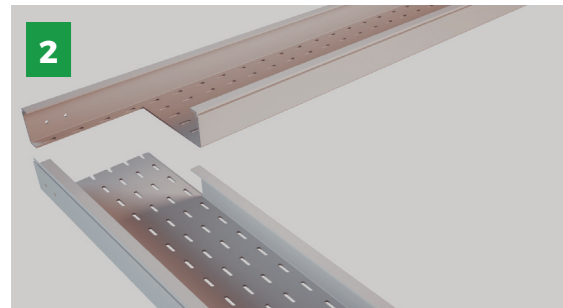
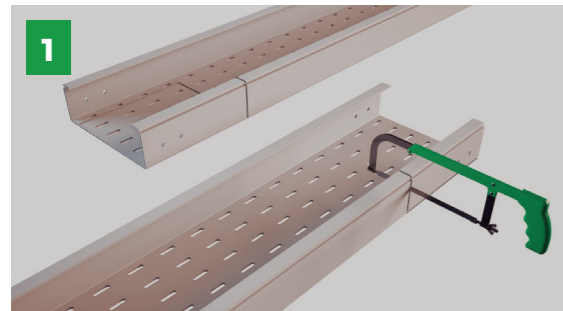
Horizontal Bends / Small Radius



INSTRUCTIONS

1. Cut the tray piece with the cutting saw in 3 pieces making a 45° cut.
2. Separate the 3 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 8 holes on each piece with the electric drill.
5. Put 4 union joints JUBPE-B (223613 for the 60mm height or 223614 for the 100mm) in the correct position and fix the union joints on the tray using 16 screws B2-P (210017).

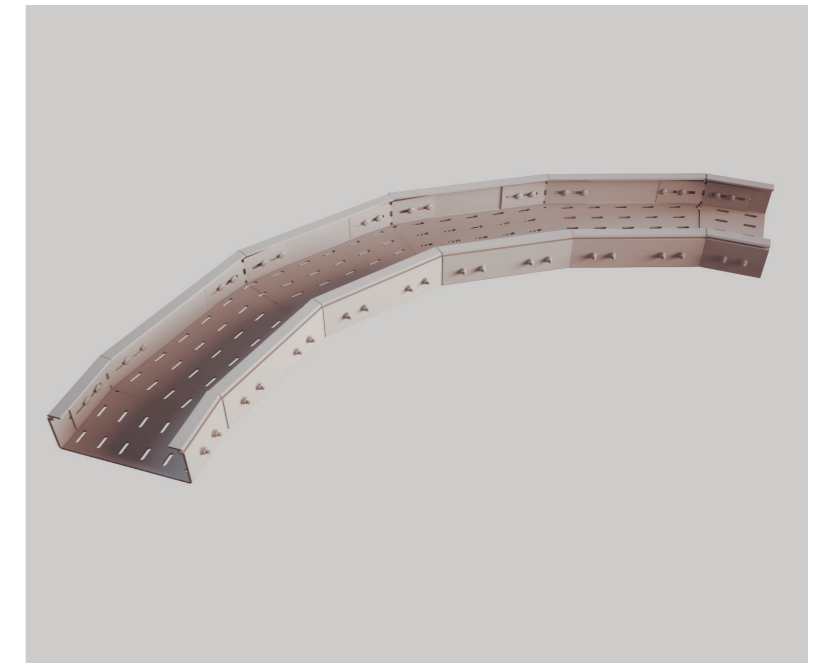
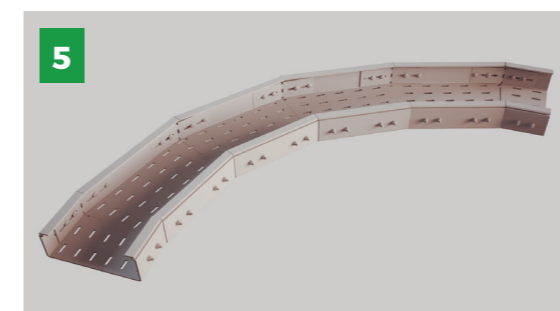
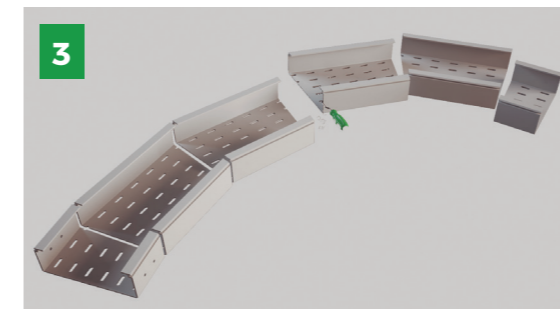
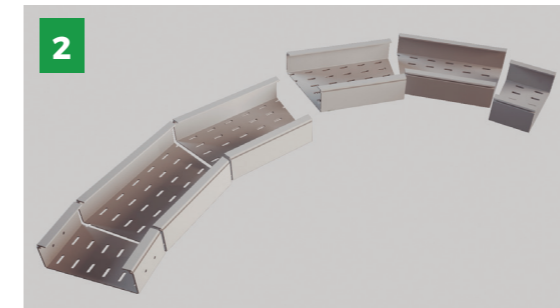
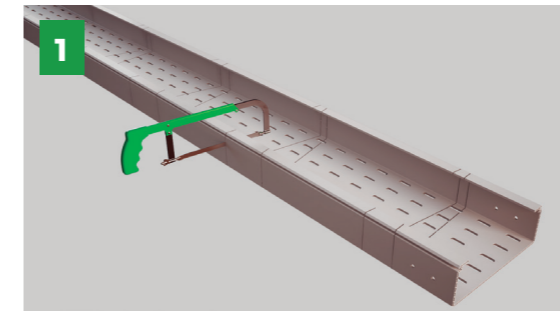
Horizontal Bends / Right Radius



INSTRUCTIONS

1. Cut the tray piece 1 removing the base and cut the tray piece 2 removing the side body, both with the cutting saw.
2. Separate the 2 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on each piece with the electric drill.
5. Put 1 union joint JUBPE-B (223613 for the 60mm height or 223614 for the 100mm) and 1 PDBPE (223021 for the 60mm height or 223022 for the 100mm height) in the correct position and fix the union joints on the tray using 8 screws B2-P (210017).

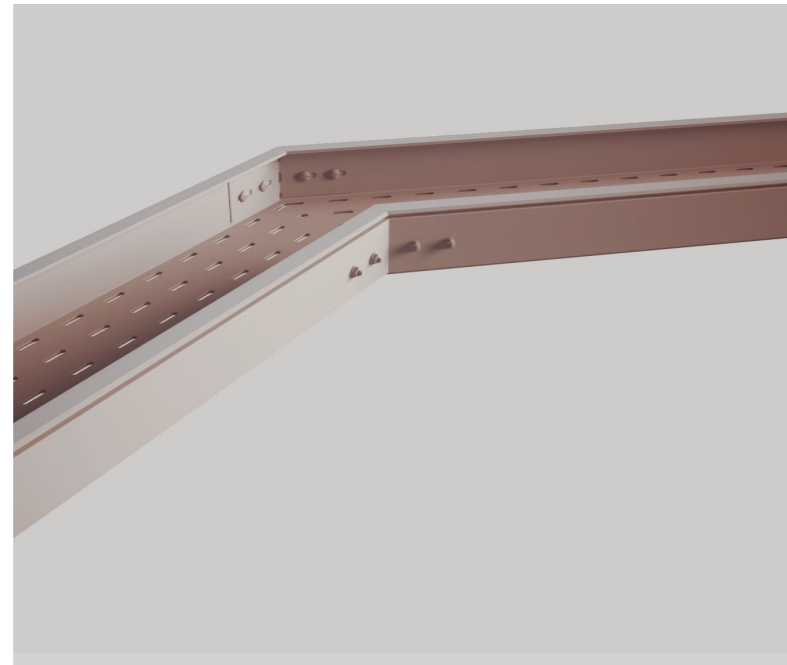
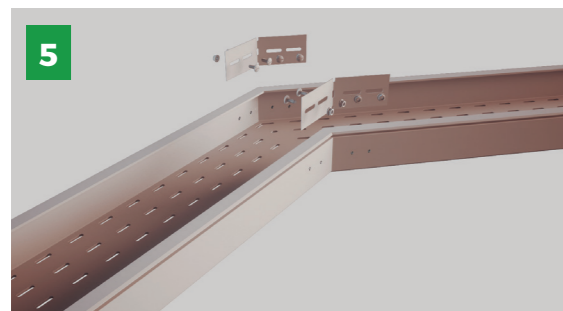
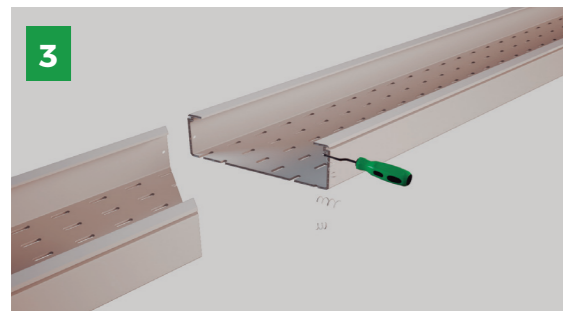
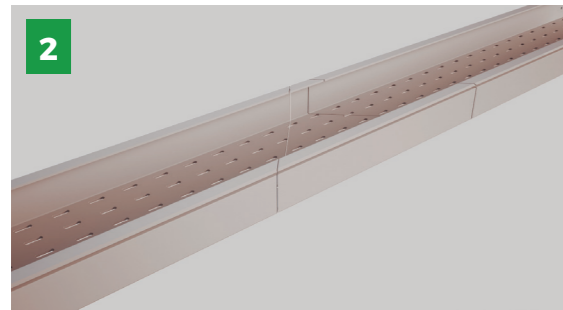
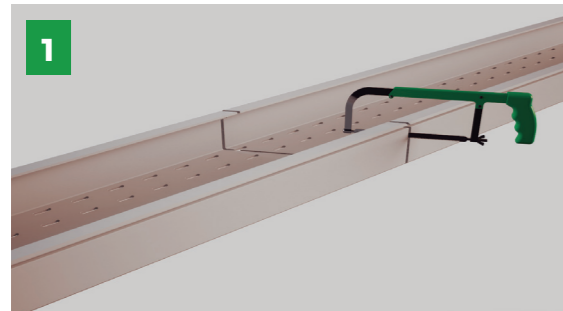
Horizontal Bends / Large Radius



INSTRUCTIONS

1. Cut the tray piece with the cutting saw in 6 pieces making a 45° cut.
2. Separate the 6 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on each piece with the electric drill.
5. Put 10 union joints JUBPE-B (223613 for the 60mm height or 223614 for the 100mm) in the correct position and fix the union joints on the tray using 40 screws B2-P (210017).

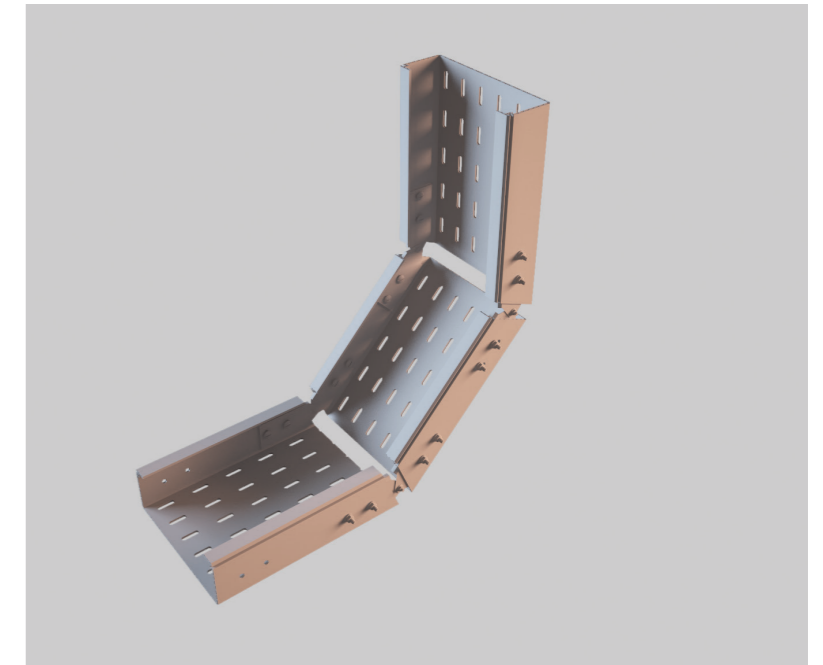
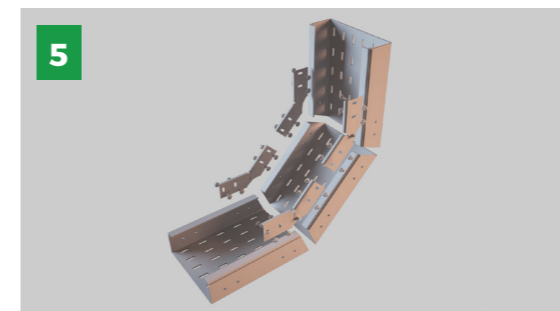
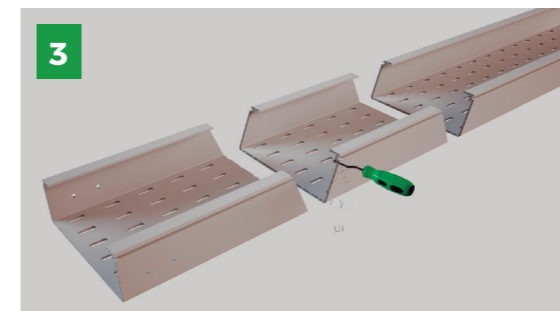
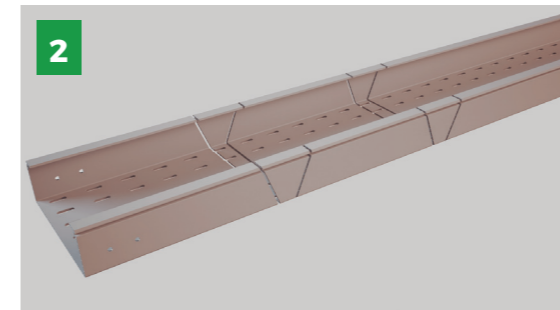
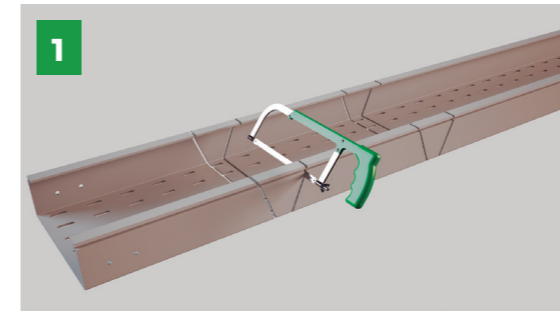
Horizontal Bends / Other Radius



INSTRUCTIONS

1. Cut the tray piece with the cutting saw in 2 pieces making a 45° cut.
2. Separate the 2 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on each piece with the electric drill.
5. Put 2 union joints JUBPE-B (223613 for the 60mm or 223614 for the 100mm) in the correct position and fix the union joints on the tray using 8 screws B2-P (210017).

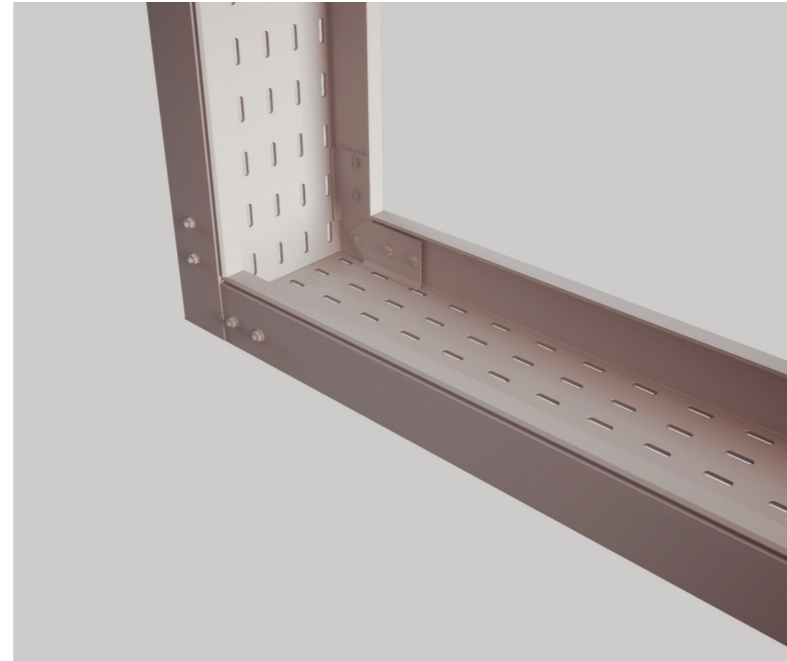
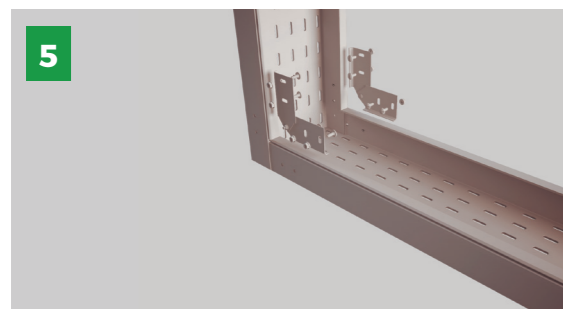
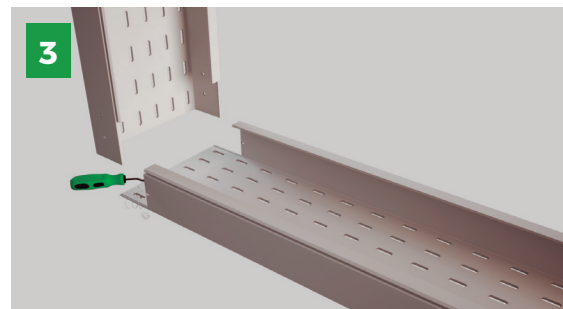
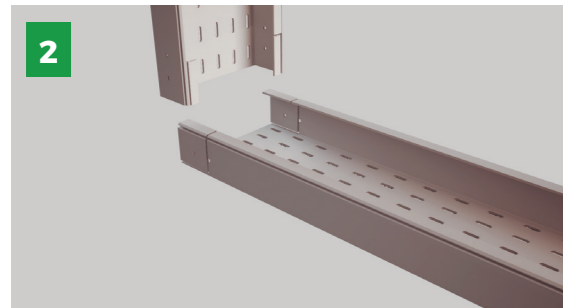
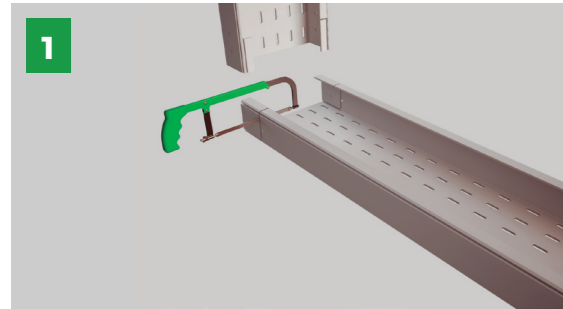
Inside Bends / Small radius



INSTRUCTIONS

1. Cut the tray piece with the cutting saw in 3 pieces making a 45° angle cut.
2. Separate the 3 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on each piece with the electric drill.
5. Put 4 union joints JUBPE-A (223613 for the 60mm or 223614 for the 100mm) in the correct position and fix the union joints on the tray using 16 screws B2-P (210017).

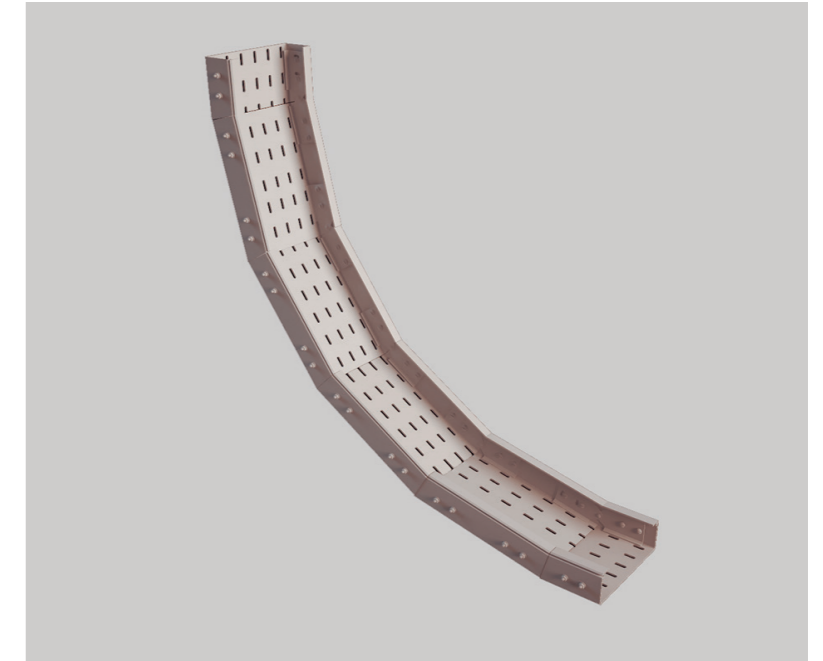
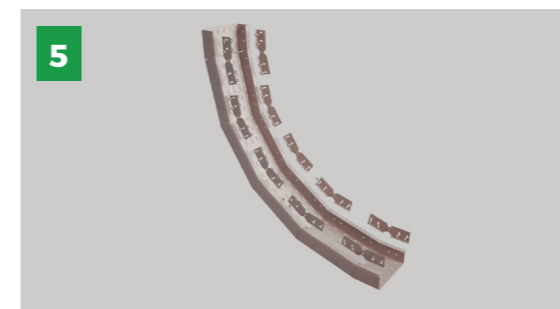
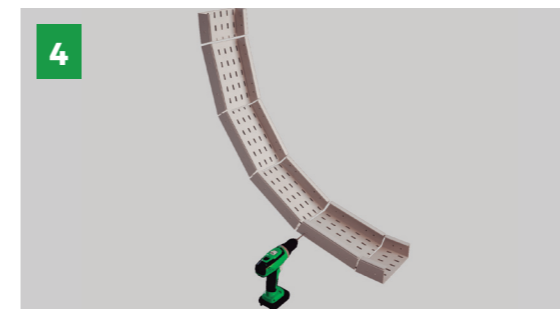
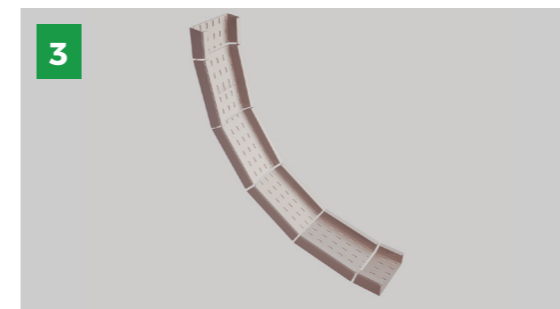
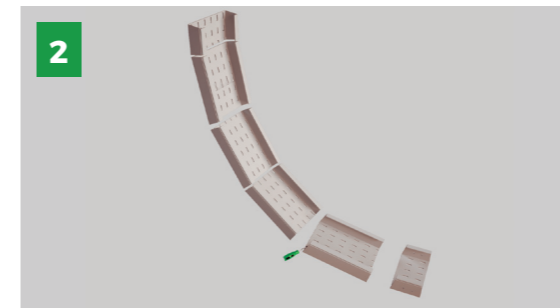
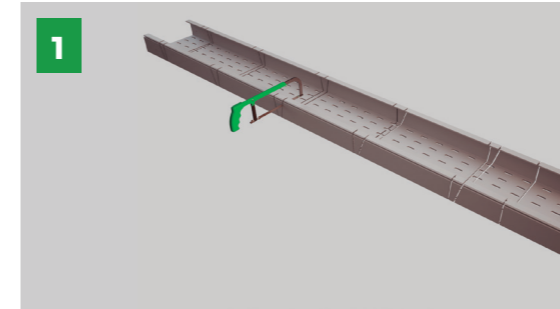
Inside Bends / Right radius



INSTRUCTIONS

1. Cut the tray piece 1 removing the top side body and cut the tray piece 2 removing the side body, both with the cutting saw.
2. Separate the 2 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on each piece with the electric drill.
5. Put 2 union joints JUBPE-A (223613 for the 60mm or 223614 for the 100mm) in the correct position and fix the union joints on the tray using 8 screws B2-P (210017).

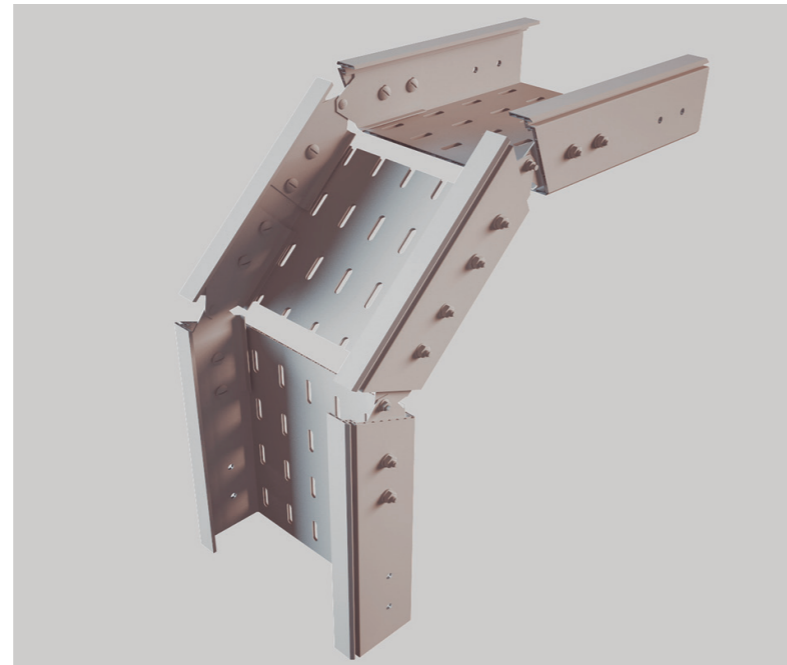
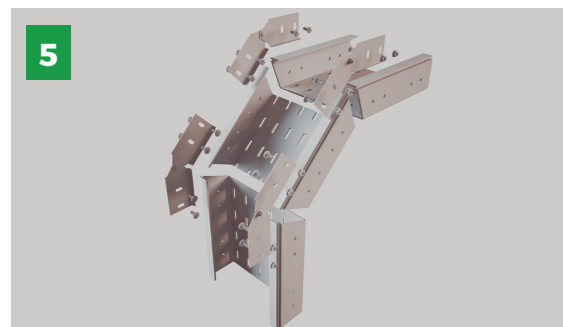
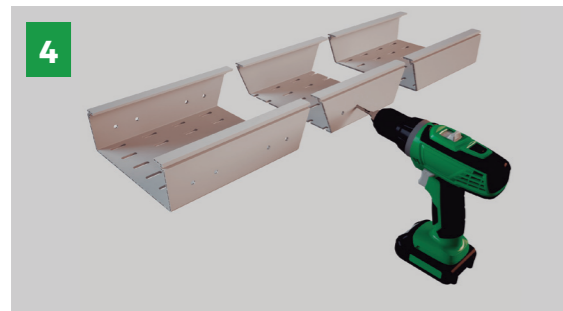
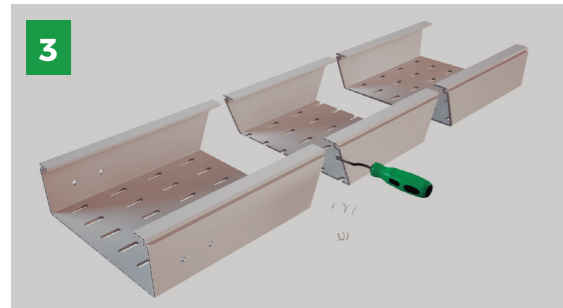
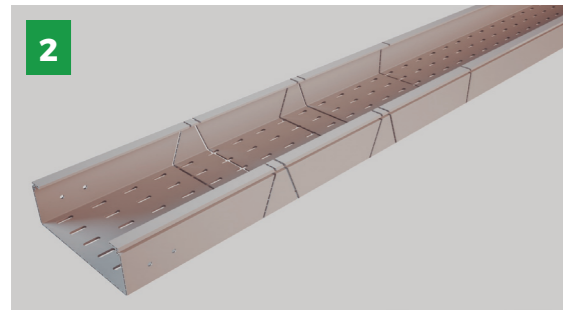
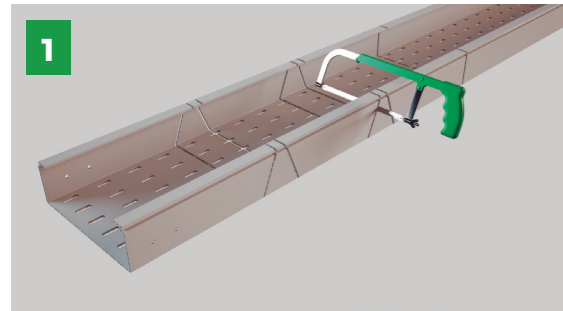
Inside Bends / Large radius



INSTRUCTIONS

1. Cut the tray piece with the cutting saw in 6 pieces making a 45° angle cut.
2. Separate the 6 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on each piece with the electric drill.
5. Put 10 union joints JUBPE-A (223613 for the 60mm or 223614 for the 100mm) in the correct position and fix the union joints on the tray using 40 screws B2-P (210017).

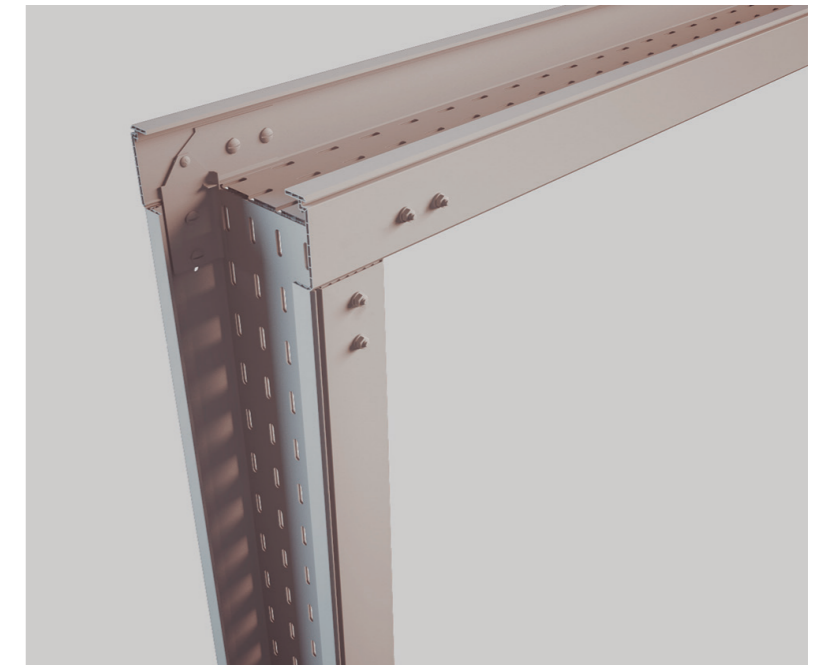
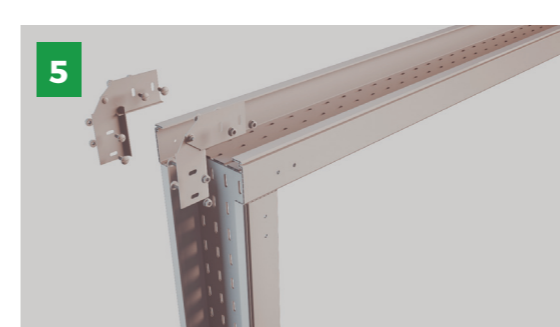
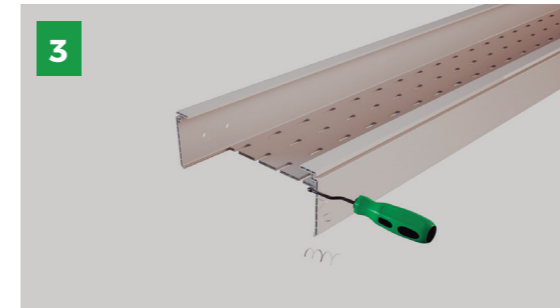
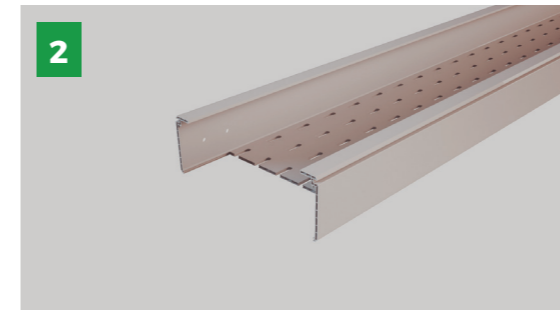
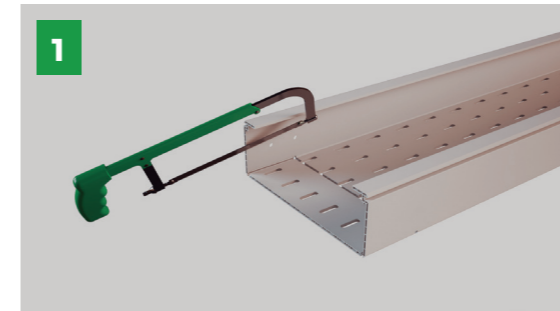
Outside Bends / Small radius



INSTRUCTIONS

1. Cut the tray piece with the cutting saw in 3 pieces making a 45° angle cut.
2. Separate the 3 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on each piece with the electric drill.
5. Put 4 union joints JUBPE-A (223613 for the 60mm or 223614 for the 100mm) in the correct position and fix the union joints on the tray using 16 screws B2-P (210017).

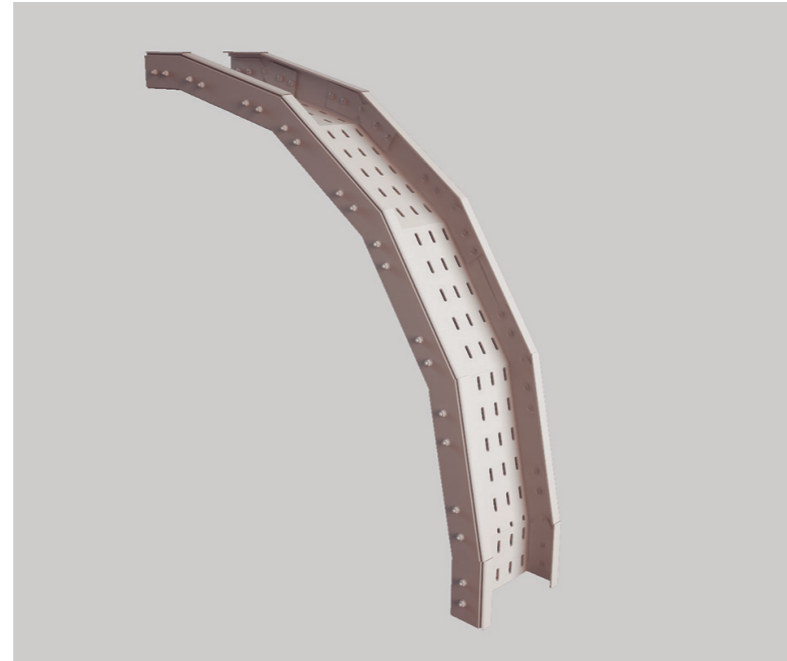
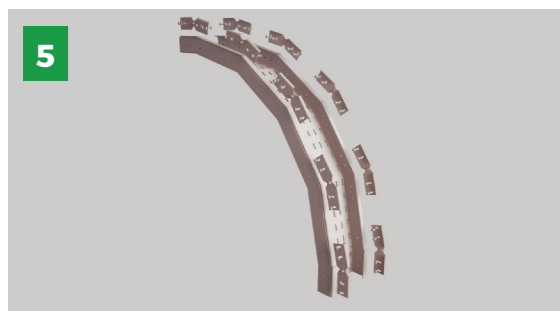
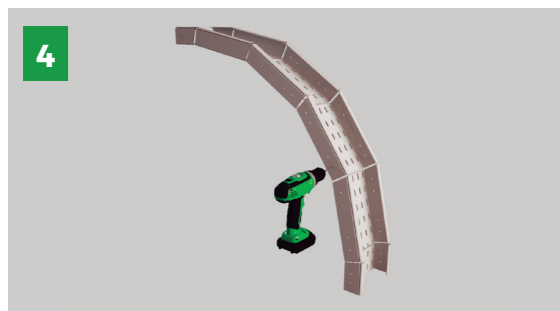
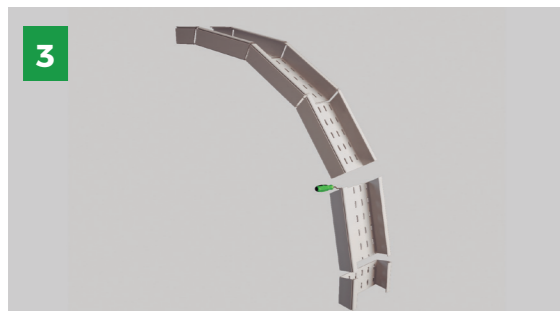
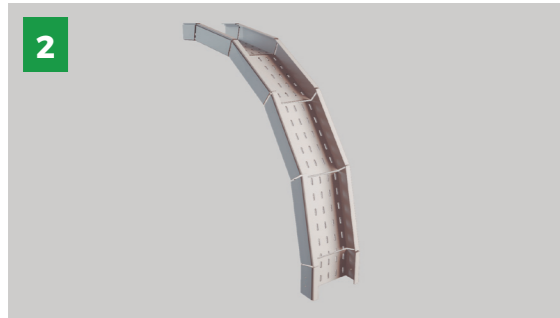
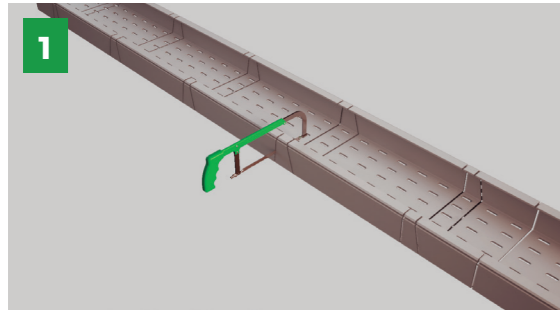
Outside Bends / Right radius



INSTRUCTIONS

1. Cut the tray piece removing the base with the cutting saw.
2. Separate the pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on the piece with the electric drill.
5. Put 2 union joints JUBPE-B (223613 for the 60mm or 223614 for the 100mm) in the correct position and fix the union joints on the tray using 8 screws B2-P (210017).

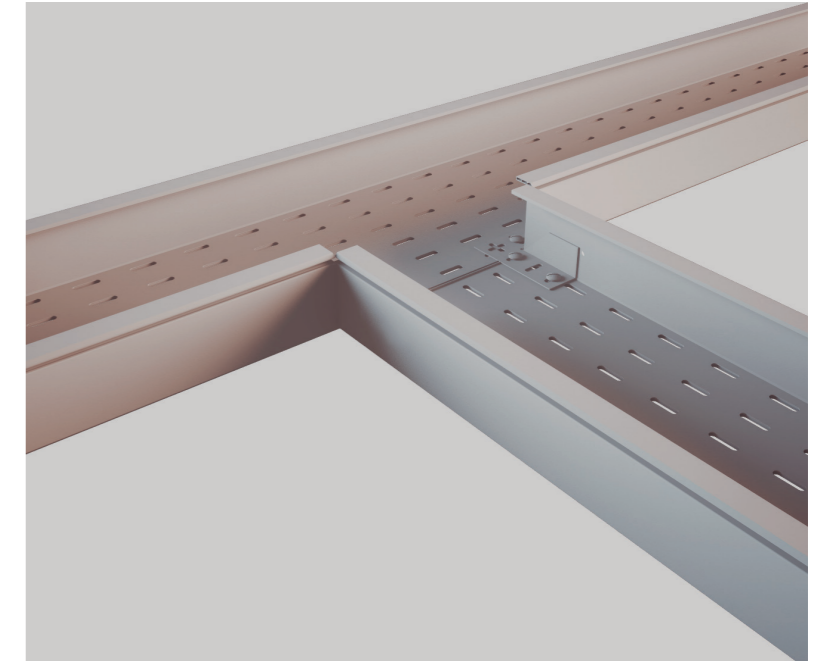
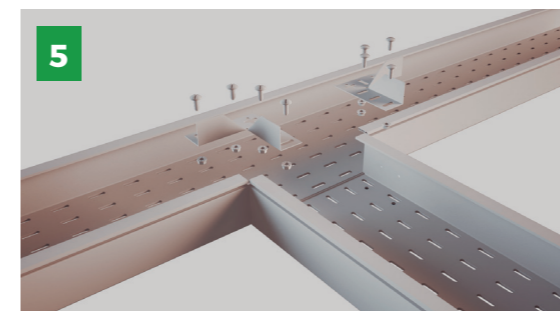
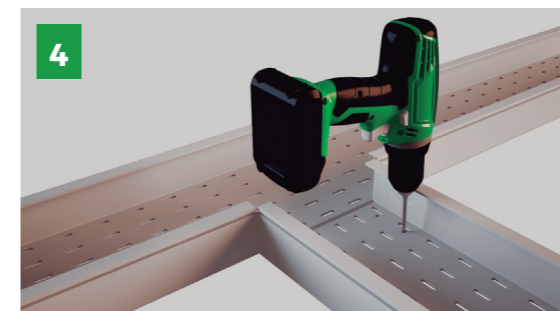
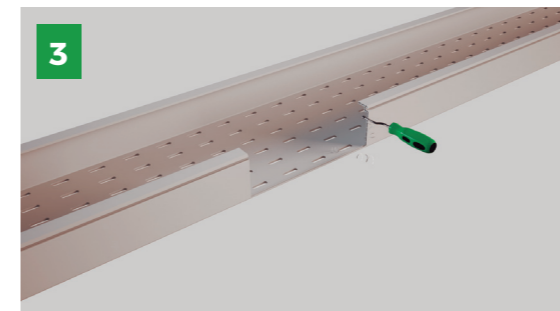
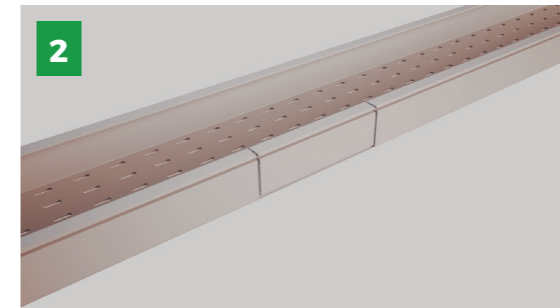
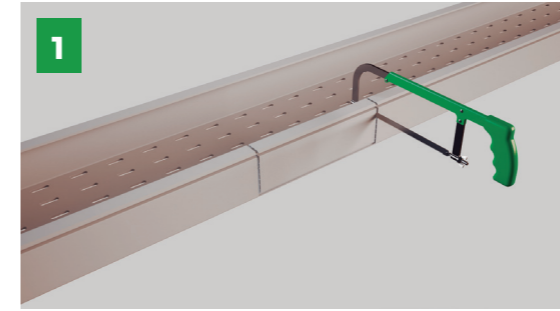
Outside Bends / Large radius



INSTRUCTIONS

1. Cut the tray piece with the cutting saw in 6 pieces making a 45° angle cut.
2. Separate the 6 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on each piece with the electric drill.
5. Put 10 union joints JUBPE-A (223613 for the 60mm or 223614 for the 100mm) in the correct position and fix the union joints on the tray using 40 screws B2-P (210017).

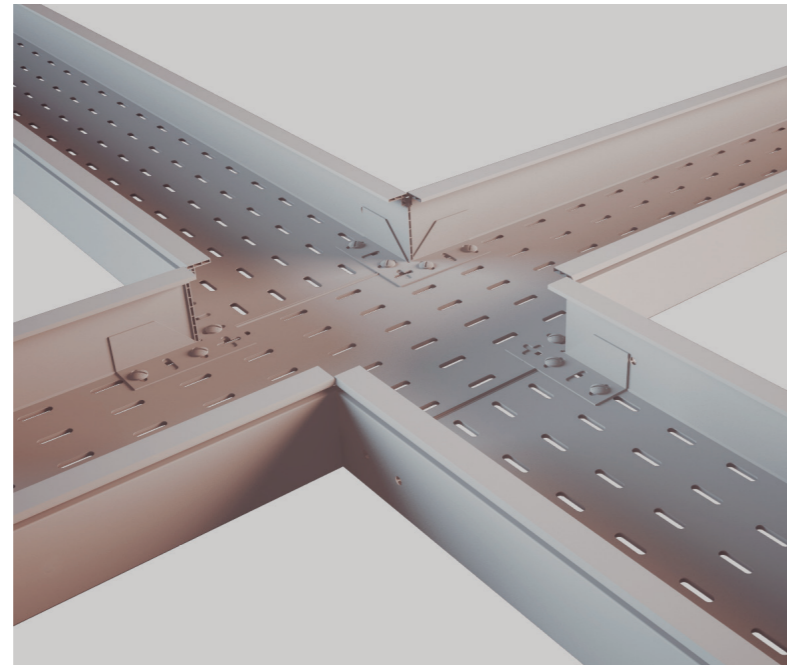
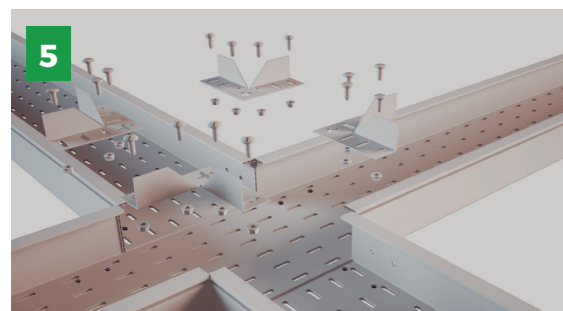
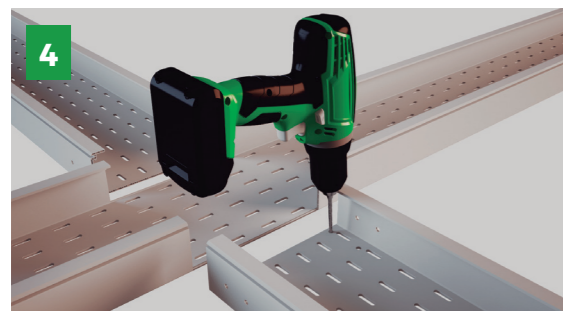
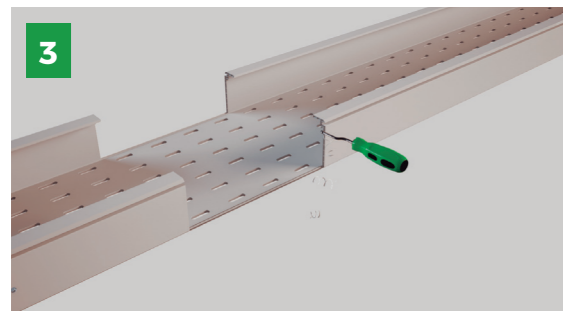
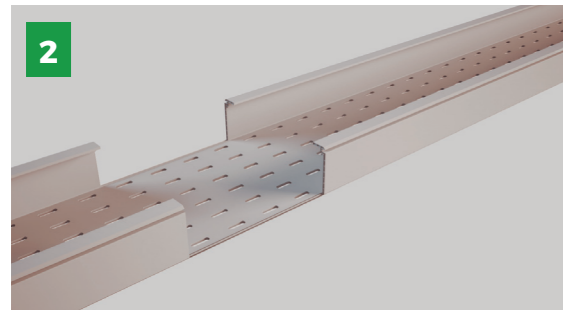
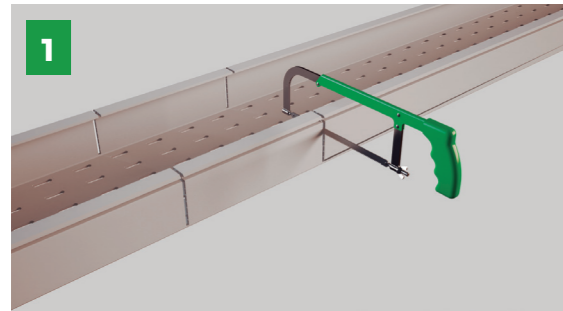
Tee Bends



INSTRUCTIONS

1. Cut the tray piece removing the side body with the cutting saw.
2. Separate the 2 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on the piece with the electric drill.
5. Put 2 derivation pieces PDBPE (223021 for high 60mm or 223022 for high 100mm) in the correct position and fix it on the tray using 8 screws B2-P (210017).

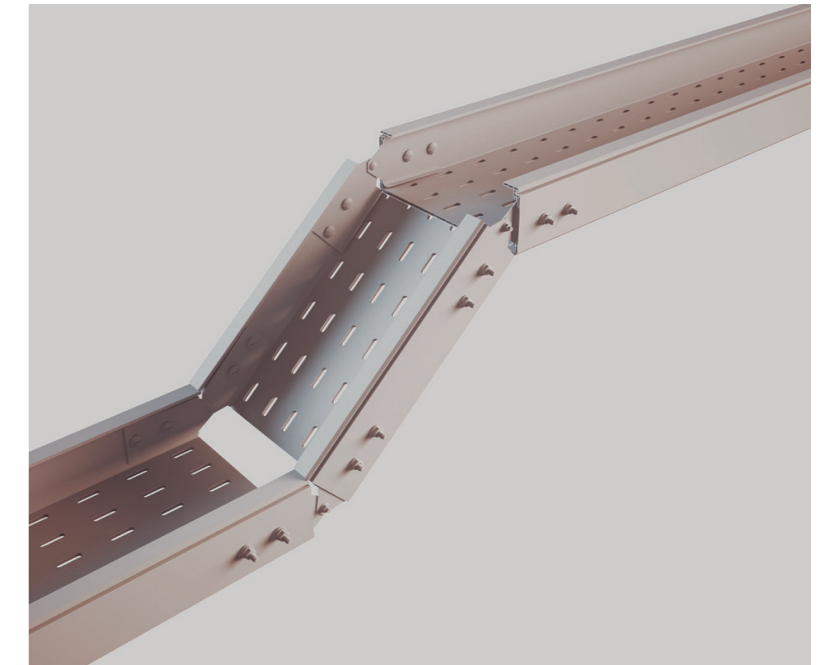
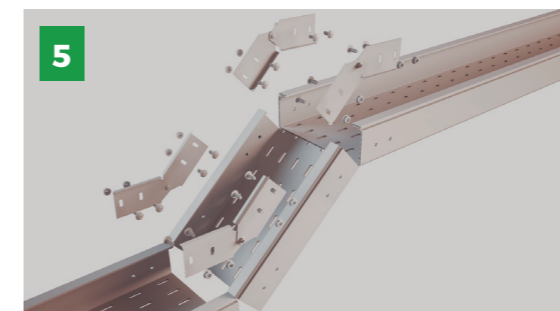
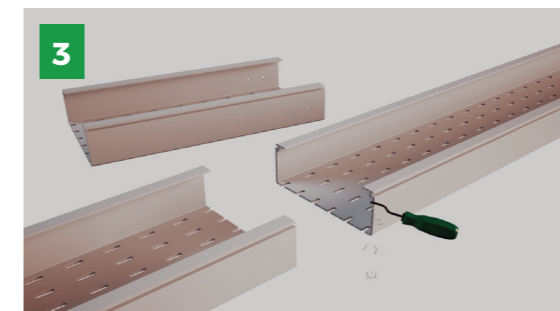
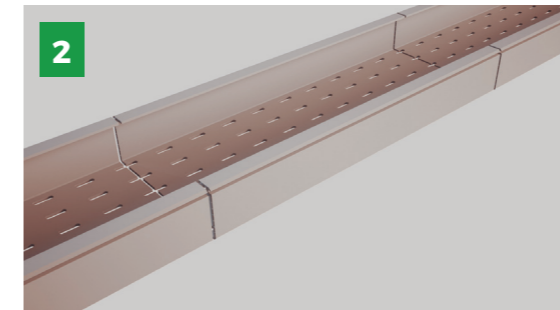
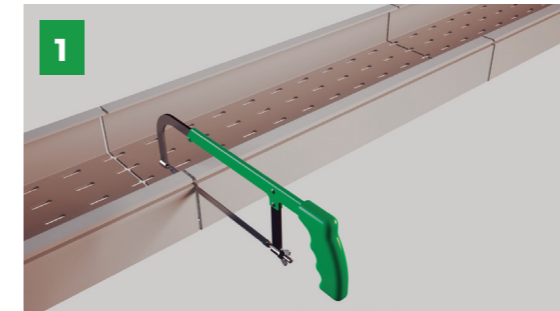
Cross Bends



INSTRUCTIONS

1. Cut the tray piece removing the 2 side body with the cutting saw.
2. Separate the 2 piece.
3. Remove any rough edges with the de-burring machine.
4. Make 4 holes on the piece with the electric drill.
5. Put 4 derivation pieces PDBPE (223021 for high 60mm or 223022 for high 100mm) in the correct position and fix it on the tray using 16 screws B2-P (210017).

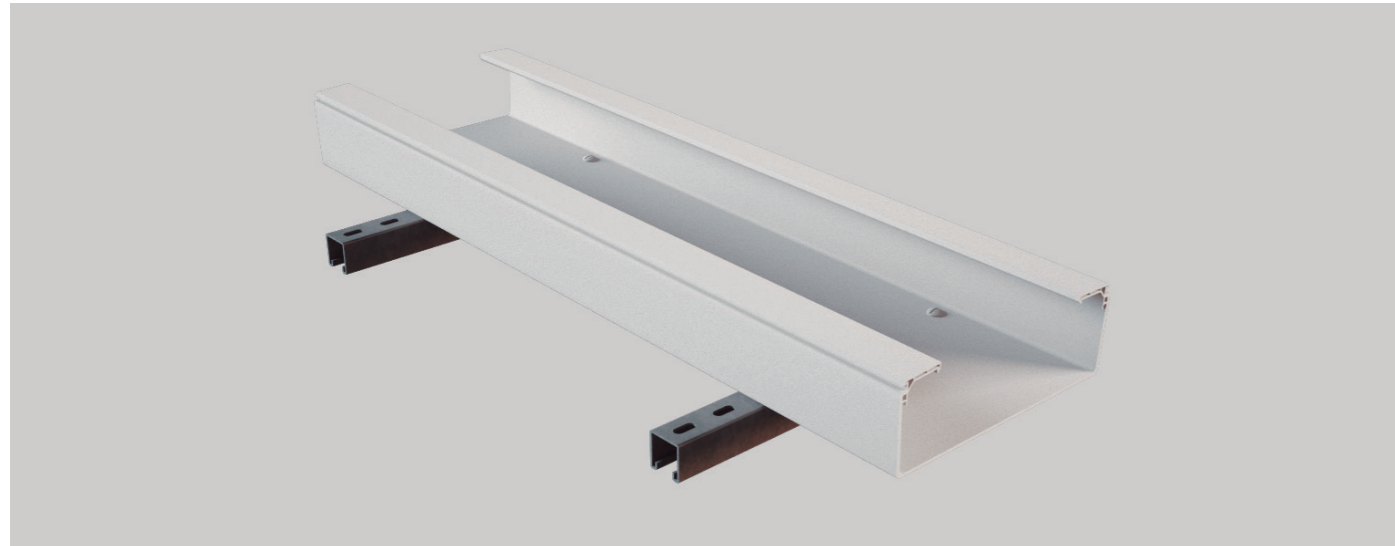
Elevation Changes



INSTRUCTIONS

1. Cut the tray piece with a cutting saw in 3 pieces making a straight cut.
2. Separate the 3 pieces.
3. Remove any rough edges with the de-burring machine.
4. Make 8 holes on each piece with the electric drill.
5. Put 4 union joints JUBPE-A (223613 for the 60mm or 223614 for the 100mm) in the correct position and fix the union joints on the tray using 16 screws B2-P (210017).

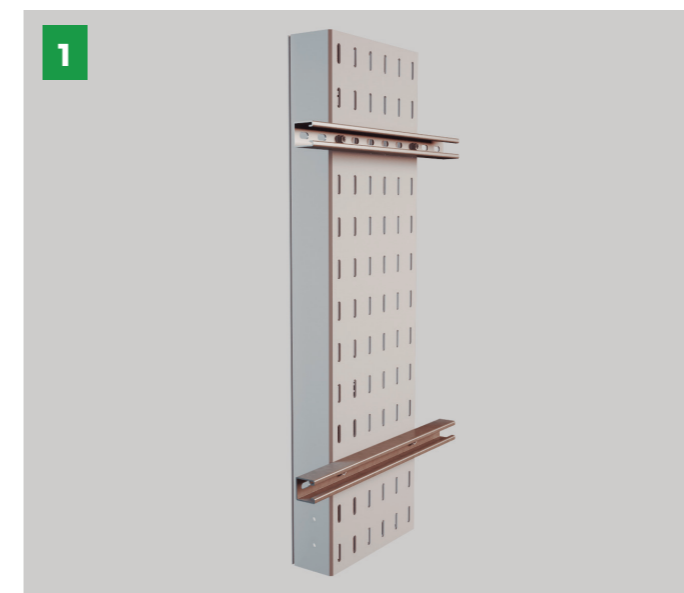
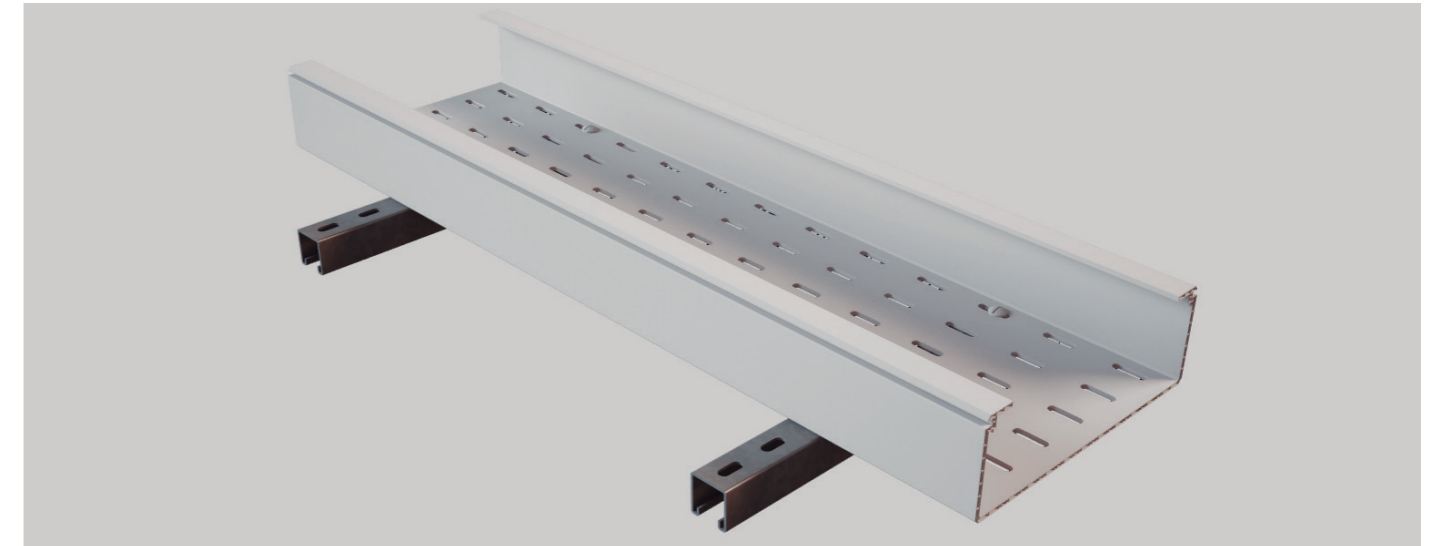
Application on strut / Solid bottom



INSTRUCTIONS

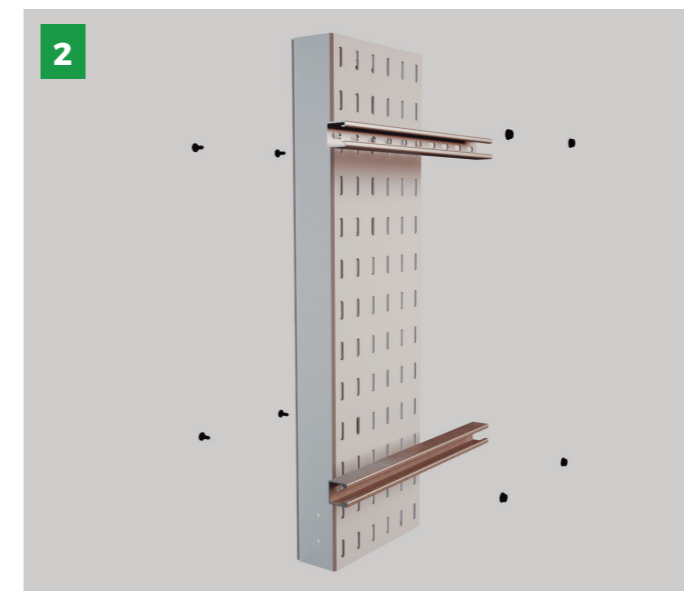
1. Put the strut on the base of the tray and mark the holes.
2. Make 4 holes on the tray with the electric drill.
3. Fix the strut on the tray using 4 screws B2-P (210017).

Application on strut / Slotted



INSTRUCTIONS

1. Put the strut on the base of the tray.
2. Fix the strut on the tray using 4 screws B2-P (210017).





TECHNICAL DATA SHEETS



SAFE WORKING LOAD

Installations up to 40 °C

MODEL	Safe Working Load (kg/m)	
	1 m Span	1,5 m Span
BPE-60x100	38	24
BPE-60x150	39	25
BPE-60x200	67	38
BPE-60x300	74	45
BPE-100x200	121	87
BPE-100x300	123	89
BPE-100x400	178	108
BPE-100x600	212	121

Installations up to 60 °C

MODEL	Safe Working Load (kg/m)	
	1 m Span	1,5 m Span
BPE-60x100	28	12
BPE-60x150	30	12
BPE-60x200	45	20
BPE-60x300	50	21
BPE-100x200	73	49
BPE-100x300	81	50
BPE-100x400	114	68
BPE-100x600	133	96

TESTS RESULTS ACCORDING TO UL 568

- Safe working load:

SWL values for 104 °F

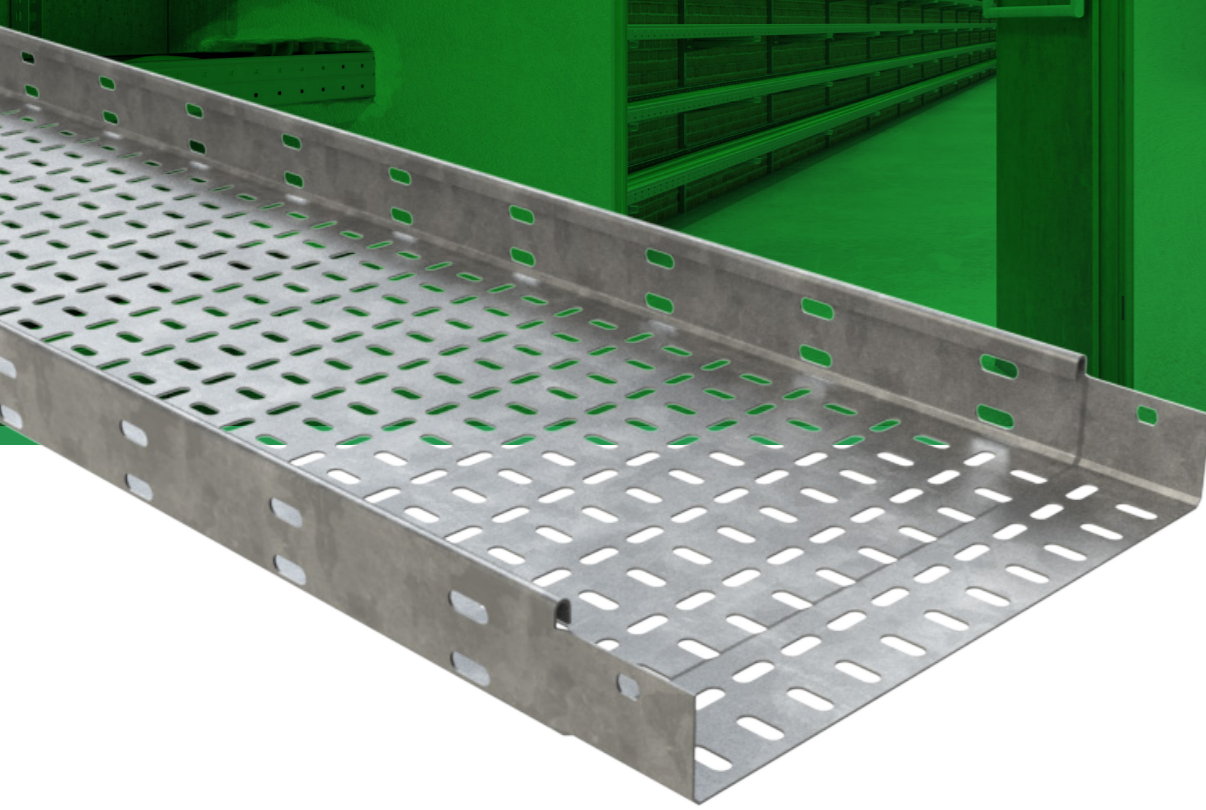
NEMA classification	MODEL	Safe Working Load - kg/m (lb/ft)		
		2,4 m (8 ft)	1,8 m (6 ft)	1,5 m (5 ft)
-	BPE-60x100	3,1 (2,1)	5,5 (3,7)	8 (5,4)
-	BPE-60x150	4,2 (2,8)	7,6 (5,1)	10,9 (7,3)
-	BPE-60x200	19,3 (13)	34,3 (23,1)	49,5 (33,2)
5AA	BPE-60x300	21,2 (14,2)	37,8 (25,4)	54,4 (36,5)
5A	BPE-100x200	33,1 (22,3)	59 (39,6)	84,9 (57,1)
8AA	BPE-100x300	52,4 (35,2)	93,2 (62,6)	134,3 (90,2)
8A	BPE-100x400	81,3 (54,6)	144,6 (97,2)	208,3 (140)
8B	BPE-100x600	121,7 (81,8)	216,5 (145,4)	311,7 (209,5)

SWL values for 140 °F

NEMA classification	MODEL	Safe Working Load - kg/m (lb/ft)		
		2,4 m (8 ft)	1,8 m (6 ft)	1,5 m (5 ft)
-	BPE-60x100	2 (1,3)	3,6 (2,4)	5,2 (3,5)
-	BPE-60x150	2,7 (1,8)	4,9 (3,3)	7,1 (4,7)
-	BPE-60x200	12,6 (8,4)	22,4 (15)	32,2 (21,6)
-	BPE-60x300	13,8 (9,3)	24,6 (16,5)	35,4 (23,8)
5AA	BPE-100x200	21,6 (14,5)	38,4 (25,8)	55,3 (37,1)
5A	BPE-100x300	34,1 (22,9)	60,7 (40,8)	87,4 (58,7)
8AA	BPE-100x400	53 (35,6)	94,2 (63,3)	135,7 (91,1)
8A	BPE-100x600	79,3 (53,3)	141 (94,7)	203 (136,4)

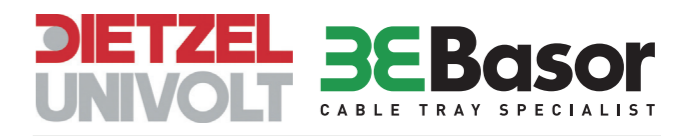


OTHER PRODUCTS



**Fast-coupling
PERFORATED
TRAYS**

Basortray BS METAL CABLE TRAYS



CABLE MANAGEMENT ALLIANCE

BS LIGHT DUTY

DESCRIPTION	PG	HDG
	REF.	REF.
B/P BS 50X12	2/3658	2/3847
B/P BS 75X12	2/3659	2/3848
B/P BS 100X12	2/3660	2/3849
B/P BS 150X12	2/3661	2/3850
B/P BS 225X12	2/3662	2/3851
B/P BS 300X18	2/3663	2/3852

BS MEDIUM DUTY

DESCRIPTION	PG	HDG
	REF.	REF.
B/P BS 50X25	2/3708	2/3903
B/P BS 75X25	2/3709	2/3904
B/P BS 100X25	2/3710	2/3905
B/P BS 150X25	2/3711	2/3906
B/P BS 225X25	2/3712	2/3907
B/P BS 300X25	2/3713	2/3908
B/P BS 450X25	2/3714	2/3909
B/P BS 600X25	2/3715	2/3910
B/P BS 750X25	2/3716	2/3911
B/P BS 900X25	2/3717	2/3912

BS HEAVY DUTY

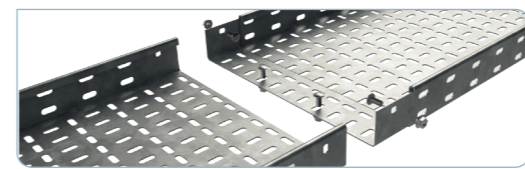
DESCRIPTION	PG	HDG
	REF.	REF.
B/P BS 75X50	2/3785	2/3980
B/P BS 100X50	2/3786	2/3981
B/P BS 150X50	2/3787	2/3982
B/P BS 225X50	2/3788	2/3983
B/P BS 300X50	2/3789	2/3984
B/P BS 450X50	2/3790	2/3985
B/P BS 600X50	2/3791	2/3986
B/P BS 750X50	2/3792	2/3987
B/P BS 900X50	2/3793	2/3988

UNION JOINTS

DESCRIPTION	PG	HDG
	REF.	REF.
JUBS H25	2/3724	2/3919
JUBS H50	2/3801	2/3996
JUBS-I H12	2/3668	2/3862
JUBS-I H25	2/3723	2/3918
JUBS-I H50	2/3800	2/3995

SCREWS

DESCRIPTION	PG	HDG
	REF.	REF.
B1 M8X14	2/4356	2/6826



BS FLAT BEND

DESCRIPTION	PG	HDG
	REF.	REF.
CPBS 50X12	2/4321	2/3863
CPBS 75X12	2/3669	2/3864
CPBS 100X12	2/3570	2/3865
CPBS 150X12	2/3671	2/3866
CPBS 225X12	2/3672	2/3867
CPBS 300X18	2/3673	2/3868
CPBS 50X25	2/3745	2/3940
CPBS 75X25	2/3746	2/3941
CPBS 100X25	2/3747	2/3942
CPBS 150X25	2/3748	2/3943
CPBS 225X25	2/3749	2/3944
CPBS 300X25	2/3750	2/3945
CPBS 450X25	2/3751	2/3946
CPBS 600X25	2/3752	2/3947
CPBS 750X25	2/3753	2/3948
CPBS 900X25	2/3754	2/3949
CPBS 75X50	2/3811	2/4006
CPBS 100X50	2/3812	2/4007
CPBS 150X50	2/3813	2/4008
CPBS 225X50	2/3814	2/4009
CPBS 300X50	2/3815	2/4010
CPBS 450X50	2/3816	2/4011
CPBS 600X50	2/3817	2/4012
CPBS 750X50	2/3818	2/4013
CPBS 900X50	2/3819	2/4014

BS TEE BEND

DESCRIPTION	PG	HDG
	REF.	REF.
TEBS 50X12	2/3688	2/3883
TEBS 75X12	2/3689	2/3884
TEBS 100X12	2/3690	2/3885
TEBS 150X12	2/3691	2/3886
TEBS 225X12	2/3692	2/3887
TEBS 300X18	2/3693	2/3888
TEBS 50X25	2/3765	2/3960
TEBS 75X25	2/3766	2/3961
TEBS 100X25	2/3767	2/3962
TEBS 150X25	2/3768	2/3963
TEBS 225X25	2/3769	2/3964
TEBS 300X25	2/3770	2/3965
TEBS 450X25	2/3771	2/3966
TEBS 600X25	2/3772	2/3967
TEBS 750X25	2/3773	2/3968
TEBS 900X25	2/3774	2/3969
TEBS 75X50	2/3829	2/4024
TEBS 100X50	2/3830	2/4025
TEBS 150X50	2/3831	2/4026
TEBS 225X50	2/3832	2/4027
TEBS 300X50	2/3833	2/4028
TEBS 450X50	2/3834	2/4029
TEBS 600X50	2/3835	2/4030
TEBS 750X50	2/3836	2/4031
TEBS 900X50	2/3837	2/4032

BS INT/EXT BEND

DESCRIPTION	PG	HDG
	REF.	REF.
CCCXBS 50X12	2/4229	2/4258
CCCXBS 75X12	2/4230	2/4259
CCCXBS 100X12	2/4231	2/4260
CCCXBS 150X12	2/4232	2/4261
CCCXBS 225X12	2/4233	2/4262
CCCXBS 300X18	2/4234	2/4263
CCCXBS 50X25	2/4239	2/4268
CCCXBS 75X25	2/4240	2/4269
CCCXBS 100X25	2/4241	2/4270
CCCXBS 150X25	2/4242	2/4271
CCCXBS 225X25	2/4243	2/4272
CCCXBS 300X25	2/4244	2/4273
CCCXBS 450X25	2/4245	2/4274
CCCXBS 600X25	2/4246	2/4275
CCCXBS 750X25	2/4247	2/4276
CCCXBS 900X25	2/4248	2/4277
CCCXBS 75X50	2/4249	2/4278
CCCXBS 100X50	2/4250	2/4279
CCCXBS 150X50	2/4251	2/4280
CCCXBS 225X50	2/4252	2/4281
CCCXBS 300X50	2/4253	2/4282
CCCXBS 450X50	2/4254	2/4283
CCCXBS 600X50	2/4255	2/4284
CCCXBS 750X50	2/4256	2/4285
CCCXBS 900X50	2/4257	2/4286

BS CROSS BEND

DESCRIPTION	PG	HDG
	REF.	REF.
CRBS 50X12	2/3698	2/3893
CRBS 75X12	2/3699	2/3894
CRBS 100X12	2/3700	2/3895
CRBS 150X12	2/3701	2/3896
CRBS 225X12	2/3702	2/3897
CRBS 300X18	2/3703	2/3898
CRBS 50X25	2/3775	2/3970
CRBS 75X25	2/3776	2/3971
CRBS 100X25	2/3777	2/3972
CRBS 150X25	2/3778	2/3973
CRBS 225X25	2/3779	2/3974
CRBS 300X25	2/3780	2/3975
CRBS 450X25	2/3781	2/3976
CRBS 600X25	2/3782	2/3977
CRBS 750X25	2/3783	2/3978
CRBS 900X25	2/3784	2/3979
CRBS 75X50	2/3838	2/4033
CRBS 100X50	2/3839	2/4034
CRBS 150X50	2/3840	2/4035
CRBS 225X50	2/3841	2/4036
CRBS 300X50	2/3842	2/4037
CRBS 450X50	2/3843	2/4038
CRBS 600X50	2/3844	2/4039
CRBS 750X50	2/3845	2/4040
CRBS 900X50	2/3846	2/4041



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