

CERTIFIED
QUALITY
MANAGEMENT
SYSTEM



product
catalogue
august 2024 v1



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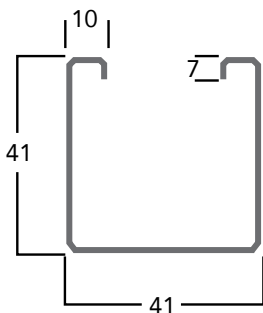
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wiring channels

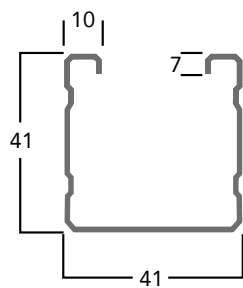


Product	Thickness	Standard Length	Dimensions	Finish
CS 1000	2.5mm	5m	41 x 41mm	Pre-Galvanised
CS 2000	1mm	5m	41 x 41mm	Pre-Galvanised
CS 2000	1.5mm	5m	41 x 41mm	Pre-Galvanised
CS 3300	2.5mm	5m	41 x 21mm	Pre-Galvanised
CS 4000	1.5mm	5m	41 x 21mm	Pre-Galvanised
CS 1184	0.5mm	2.5m	40mm	Pre-Galvanised
CS 1184		2.5m	38mm	PVC Grey or White

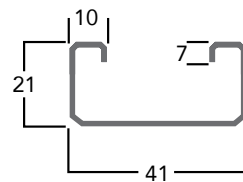
technical measurements



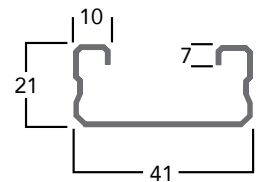
CS 1000



CS 2000



CS 3300



CS 4000

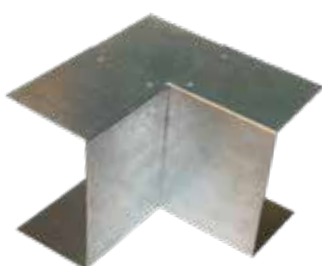
For more information on our product and technical specifications, please refer to **Product Specifications** on page 36.

channel accessories

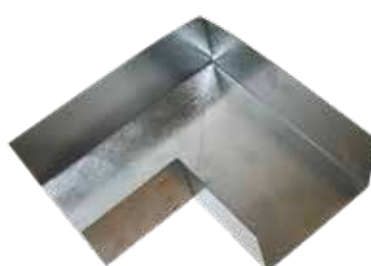
solid accessories



Internal Elbow



External Elbow



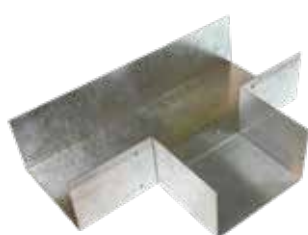
Horizontal Elbow



Internal Splice



End Cap



3 Way Tee



4 Way Crossover



Top Hanger
10mm Hole



Flange Hanger



Nylon Fluorescent Adaptor
- 20mm



Purlin Hanger

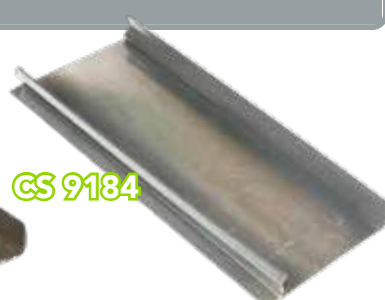
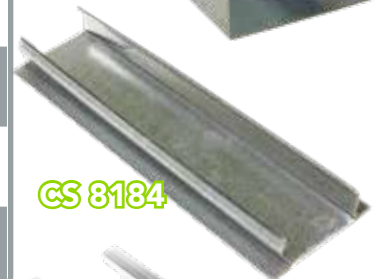
Product	Thickness
JC 8	M8 Flange Hanger
JC 10	M10 Flange Hanger
JC 12	M12 Flange Hanger

Product	Thickness
PC 8	CS 6/8mm Purlin Clamp
PC 10	CS 10mm Purlin Clamp
PC 12	CS 12mm Purlin Clamp

For more information on our product and technical specifications, please refer to **Product Specifications** on page 36.

trunking & covers

Product	Thickness	Standard Length	Dimensions	Finish Options
CS 8000	0.6mm or 0.8mm	3m	76 x 76mm	Pre-Galvanised
CS 8300	0.6mm	3m	76 x 63mm	Pre-Galvanised
CS 8200	0.6mm	3m	76 x 50mm	Pre-Galvanised
CS 8184	0.5mm	3m	72.5mm	Pre-Galvanised/ PVC White or Grey
CS 9000	0.6mm or 0.8mm	3m	127 x 76mm	Pre-Galvanised
CS 9184	0.5mm	3m	124mm	Pre-Galvanised/ PVC White or Grey
CS 2200	0.8mm	3m	50 x 50mm	Pre-Galvanised
CS 2184	0.8mm	3m	50 x 50mm	Pre-Galvanised



For **CS 8300** trunking, the knockouts fit 3 pin 5 amp plug sockets. Knockouts are placed at 750mm centres, staggered



For **CS 2200** trunking, the 20mm knockouts are spaced at 152mm centres, staggered



For more information on our product and technical specifications, please refer to **Product Specifications** on page 36.

pvc trunking

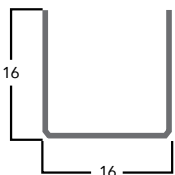
compact miniature trunking



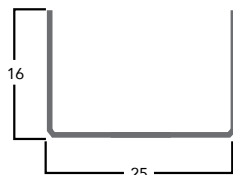
Product	Dimensions	Standard Length
YT 1	16 x 16mm	2m
YT 2	25 x 16mm	3m
YT 2.5	25 x 25mm	3m
YT 3	40 x 16mm	3m
YT 4	40 x 25mm	3m
YT 5	40 x 40mm	3m

We have a full range of accessories available, to ensure a professional finish

technical measurements



YT 1



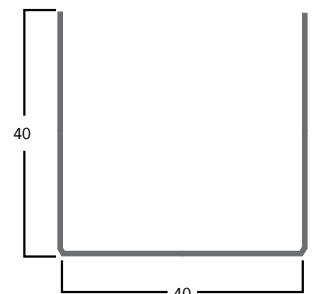
YT 2



YT 3



YT 4



YT 5

For more information on our product and technical specifications, please refer to **Product Specifications** on page 36.

pvc trunking

Product	Dimensions	Standard Length
NBT / 4	100 x 40mm	3m
NBT / 4	Divider	3m
Corner Trunking	55 x 30mm	3m



NBT / 4 Divider



Corner Trunking



NBT / 4
Single Compartment

half moon trunking



2 Compartment

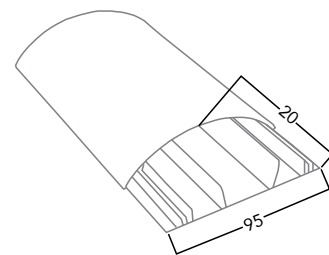
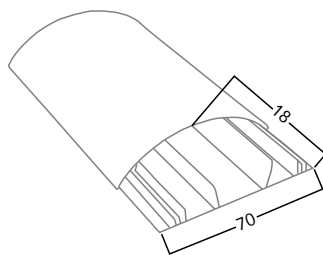
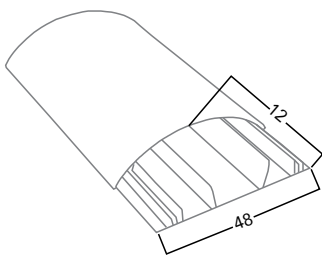


3 Compartment



4 Compartment

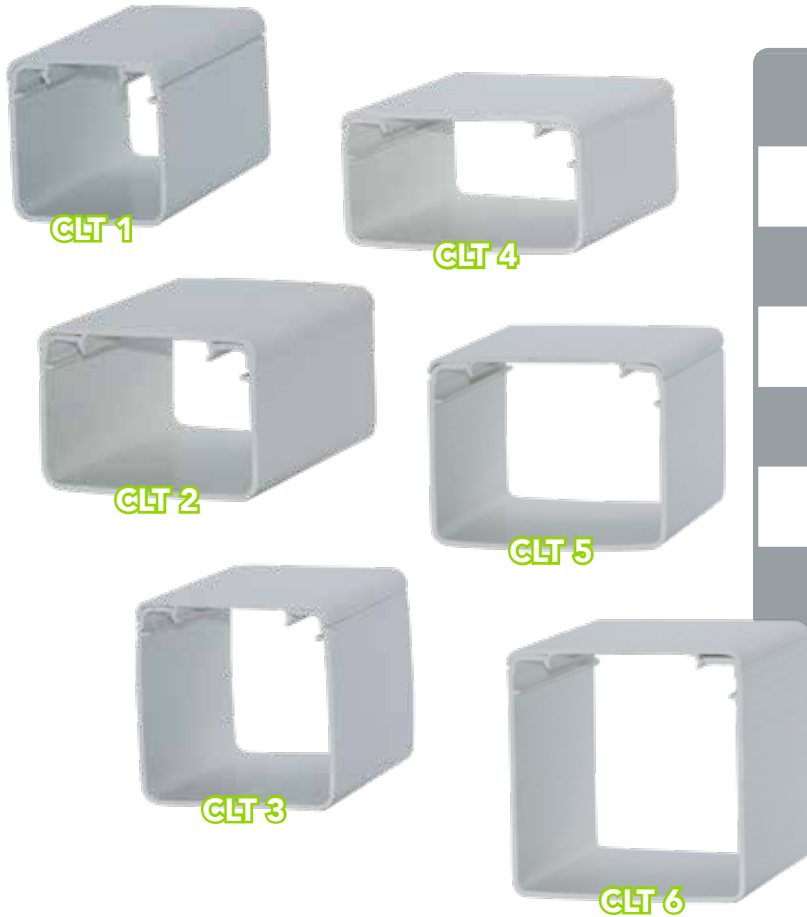
technical measurements



For more information on our product and technical specifications, please refer to **Product Specifications** on page 36.

pvc trunking

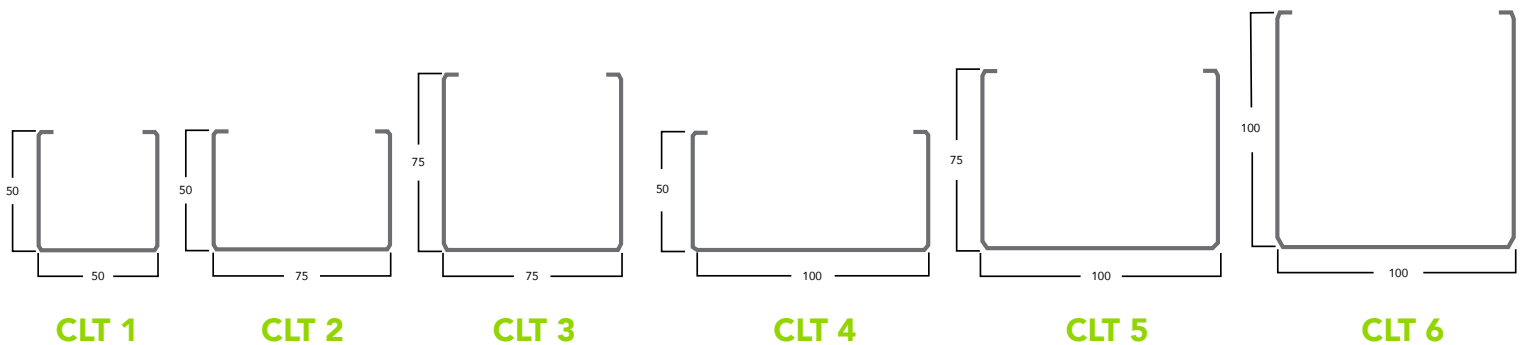
industrial cable trunking



Product	Dimensions	Standard Length
CLT 1	50 x 50mm	3m
CLT 2	75 x 50mm	3m
CLT 3	75 x 75mm	3m
CLT 4	100 x 50mm	3m
CLT 5	100 x 75mm	3m
CLT 6	100 x 100mm	3m

All in grey
Available in white on request

technical measurements



For more information on our product and technical specifications, please refer to **Product Specifications** on page 36.

pvc conduit & fittings

Product	Sizes Available
Straight PVC Conduit 4000mm	20 or 25mm
90° Solid Bend	20 or 25mm
Solid Couplings	20 or 25mm
Conduit Box Lid	Standard or O/S
Conduit Box 1-Way Side Entry	20 or 25mm
Conduit Box 2-Way Through	20 or 25mm
Conduit Box 2-Way Angle	20 or 25mm
Conduit Box 3-Way Side Entry	20 or 25mm
Conduit Box 4-Way Side Entry	20 or 25mm
Male Adaptor	20 or 25mm
Female Adaptor	20mm
Strap Saddle	20 or 25mm
Spacer Bar Saddle	20 or 25mm



Straight PVC Conduit 4000mm



90° Solid Bend



Solid Couplings



Conduit Box Lid



Conduit Box 1-Way Side Entry



Conduit Box 2-Way Through



Conduit Box 2-Way Angle



Conduit Box 3-Way Side Entry



Conduit Box 4-Way Side Entry



Male Adaptor



Female Adaptor



Strap Saddle



Spacer Bar Saddle

steel conduit & fittings

Product	Sizes Available
Galvanised Straight End Conduit 4000mm	20 or 25mm
90° Solid Bend	20 or 25mm
Solid Couplings	20 or 25mm
Conduit Box Lid	Standard
Conduit Box 1-Way Side Entry	20 or 25mm
Conduit Box 2-Way Through	20 or 25mm
Conduit Box 2-Way Angle	20 or 25mm
Conduit Box 3-Way Side Entry	20 or 25mm
Conduit Box 4-Way Side Entry	20 or 25mm
Male & Female Adaptor	20 or 25mm
Galvanised Lock Nuts	20 or 25mm
Galvanised Strap Saddle	20 or 25mm
Hospital Saddle	20 or 25mm



Galvanised Straight End Conduit 4000mm



90° Solid Bend



Solid Couplings



Conduit Box Lid



Conduit Box 1-Way Side Entry



Conduit Box 2-Way Through



Conduit Box 2-Way Angle



Conduit Box 3-Way Side Entry



Conduit Box 4-Way Side Entry



Male & Female Adaptor



Galvanised Lock Nuts



Galvanised Strap Saddle

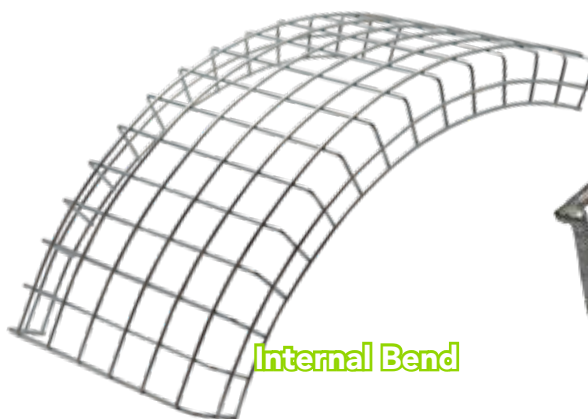


Hospital Saddle

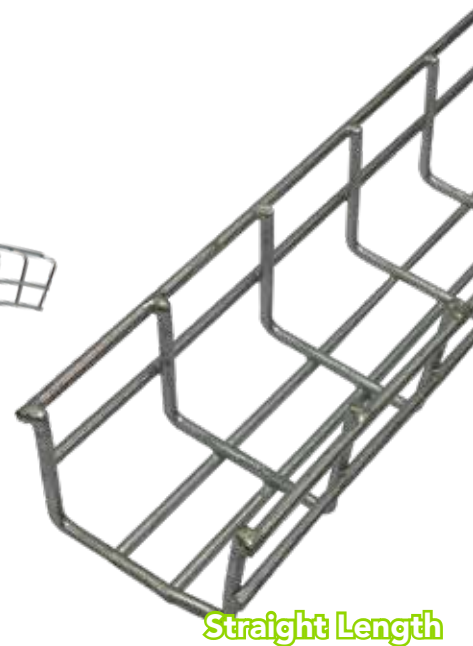
wire mesh cable trays

medium duty

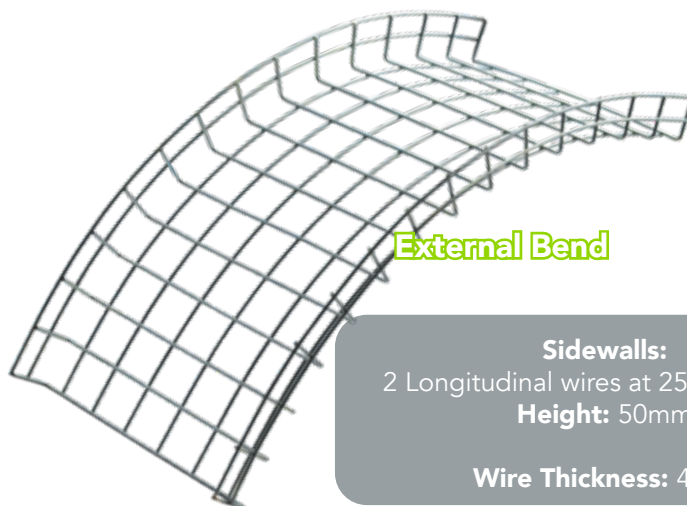
Width	Joiner Sets Required
50mm	2
100mm	3
150mm	3
200mm	3
300mm	3
400mm	4
500mm	4
600mm	4



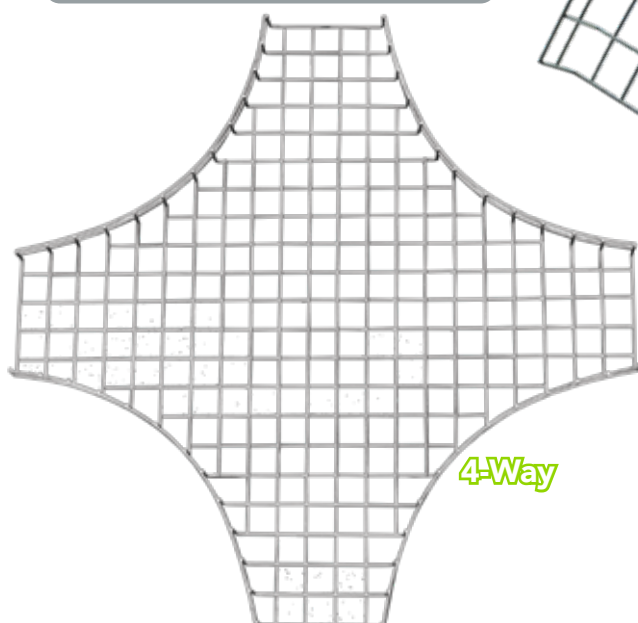
Internal Bend



Straight Length



External Bend



4-Way

Sidewalls:
2 Longitudinal wires at 25mm centres
Height: 50mm

Wire Thickness: 4mm

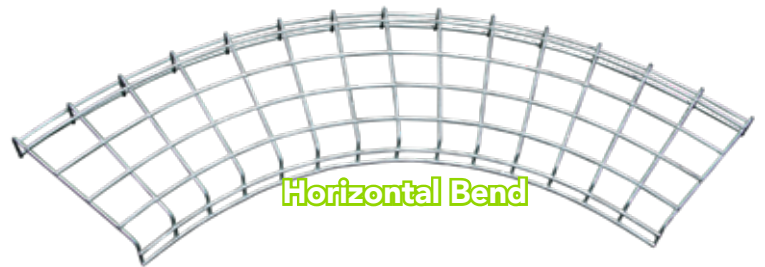
- 3000mm (3m) Standard Length
- Pitch 100 x 50mm and 50 x 50mm
- Standard finishes are Hex Galvanised to Standard DIN 50979
- Hold Down Saddle and Joiner clamp set galvanised
- Other finishes on request -
Eg. Powder Coated or Stainless Steel

For more information on our product and technical specifications, please refer to **Product Specifications** on page 36.

wire mesh cable trays

heavy duty

Width	Joiner Sets Required
100mm	3
150mm	3
200mm	3
300mm	3
400mm	5
500mm	5
600mm	5
800mm	5
1000mm	5



Horizontal Bend

Sidewalls

3 Longitudinal wires at 25mm centres
Height: 75mm

Wire Thickness: 5mm

- 3000mm (3m) Standard Length
- Pitch 100 x 50mm and 50 x 50mm
- Standard finishes: Hex Galvanised to Standard DIN 50979
- Hold Down Saddle and Joiner Clamp Set Galvanised
 - Other finishes on request - Eg. Powder Coated or Stainless Steel



Tee



Clip-On Support Channel

Material Thickness: 1.6mm

- Horizontal or vertical installation
 - No saddles required
 - Bend over tabs to secure
 - 1200mm standard length



Hold down saddle



Splice Clamp, Washer, Cup Square Bolt & Nut

C/W M16 x 16mm

Available in
M6 & M8

NOTE: Standard Accessories have a 450mm internal radius

return flange cable trays

medium & heavy duty

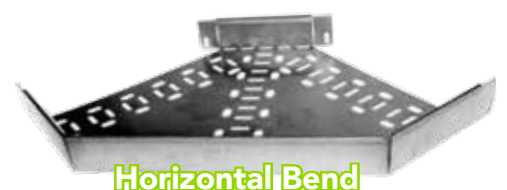
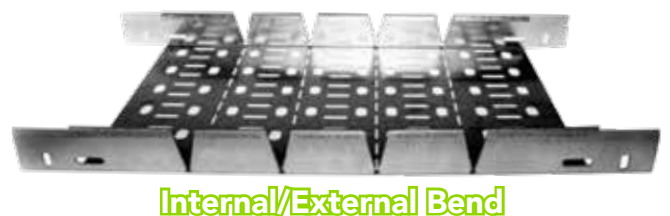
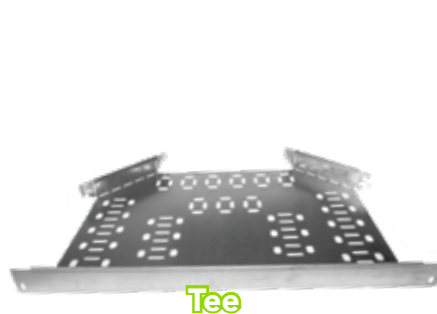
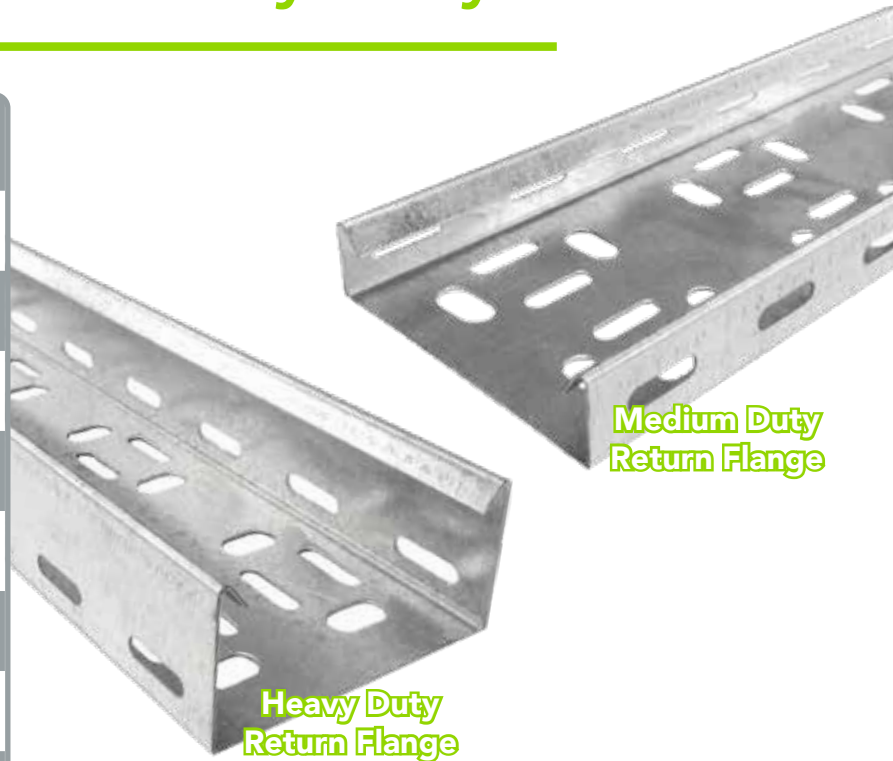
Width	Straight Tray	Standard Accessories
50mm	1.0mm	1.0mm
75mm	1.0mm	1.0mm
100mm	1.0mm	1.0mm
150mm	1.0mm	1.0mm
225mm	1.0mm	1.0mm
300mm	1.2mm	1.2mm
450mm	1.5mm	1.2mm
600mm	1.5mm	1.2mm
750mm	1.5mm	1.5mm
900mm	1.5mm	1.5mm

Sides Medium Duty: 27mm

Sides Heavy Duty: 50mm

Pre-Galvanised Finish
Accessory Radius: 450 mm

Internal Bend = Riser
External Bend = Dropper
Horizontal Bend = Elbow

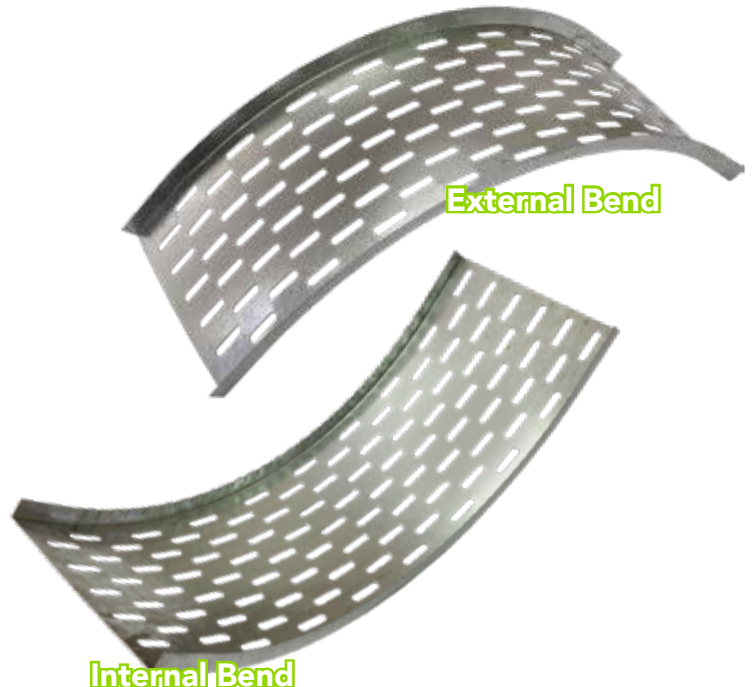


light duty cable trays

Width	Height	Standard Length	Thickness
50mm	12mm	3m	0.8mm
76mm	12mm	3m	0.8mm
101mm	19mm	3m	1mm
152mm	19mm	3m	1mm
203mm	19mm	3m	1.2mm
228mm	19mm	3m	1.2mm
304mm	19mm	3m	1.2mm
457mm	19mm	3m	1.2mm
609mm	19mm	3m	1.2mm

Standard Length: 3m
Slot Size: 25 X 6.5mm

Pre-Galvanised Finish
 Tray spliced by overlapping ends, fixed with gutter bolts & nuts



For more information on our product and technical specifications, please refer to **Product Specifications** on page 36.

medium duty cable trays

Width	Height	Thickness
76mm	38mm	1.6mm
114mm	38mm	1.6mm
152mm	38mm	1.6mm
228mm	38mm	1.6mm
304mm	38mm	1.6mm
457mm	38mm	1.6mm
609mm	38mm	1.6mm

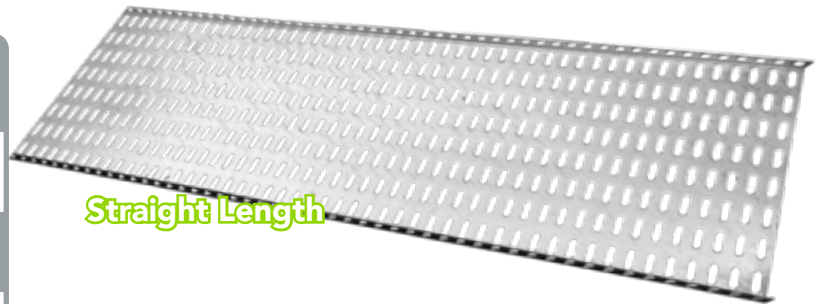
Standard Length: 3m

Slot Size: 25 X 11mm

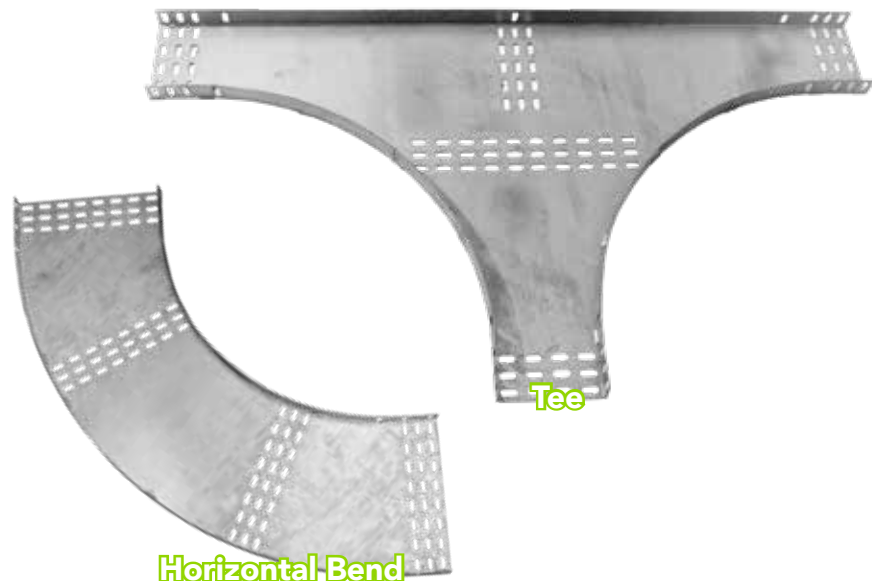
Hot-Dip Galvanised Finish

Accessory Radius - 450mm

Finish of Fasteners for Splicing: Electroplated



Straight Length



Tee

Horizontal Bend



4-Way

splice sets

Medium and heavy duty splice sets consist of:

Widths: 76mm to 304mm

2 x Angle Splice plates with 8 x M10 x 20mm Mushroom head screw & nut

Widths: 457mm to 609mm

2 x Angle Splice plates with 8 x M10 x 20mm Mushroom head screw & nut
1 x Centre splice with 4 x M10 x 20mm Mushroom head screw and nut



**Medium Duty
Angle Splice**



**Centre Splice -
Medium & Heavy Duty**

For more information on our product and technical specifications, please refer to **Product Specifications** on page 37.

heavy duty cable trays

Width	Height
76mm	76mm
114mm	76mm
152mm	76mm
228mm	76mm
304mm	76mm
457mm	76mm
609mm	76mm

Standard Length: 3m
Slot Size: 25 X 6.5mm

Hot-Dip Galvanised Finish
Accessory Radius: 450 mm
Finish of Fasteners for Splicing: Electroplated



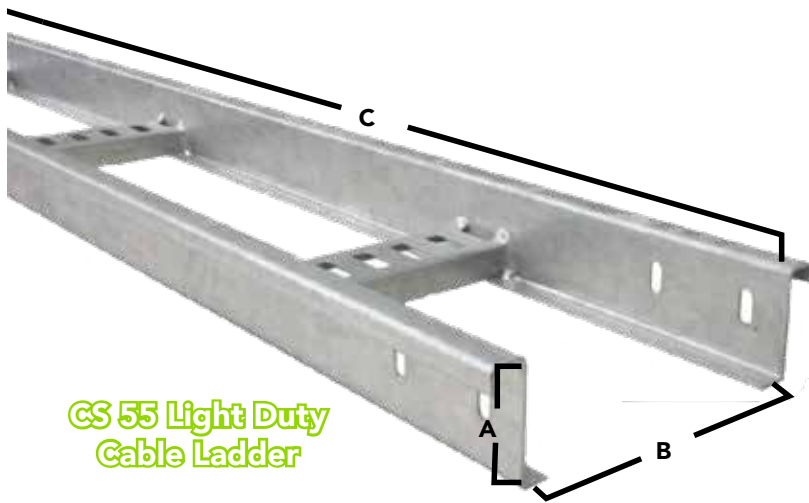
splice sets continued

Heavy Duty Reduction Splice

Heavy Duty Angle Splice

cable ladders

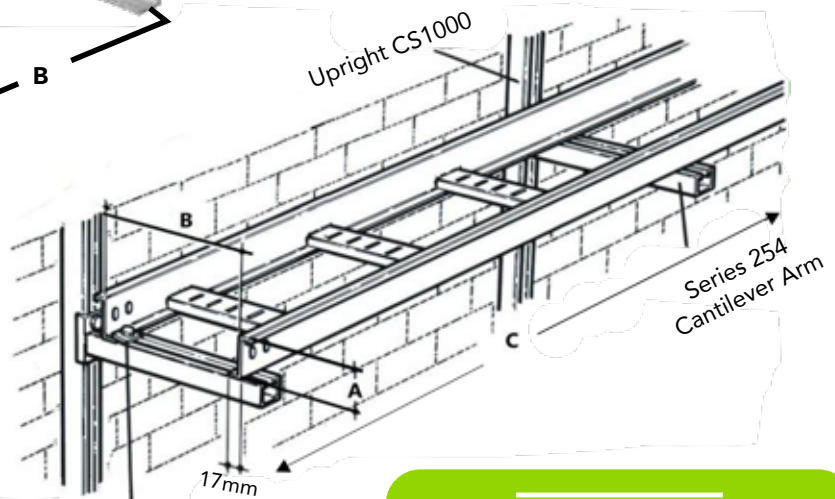
cl55 - light duty



CS 55 Light Duty Cable Ladder

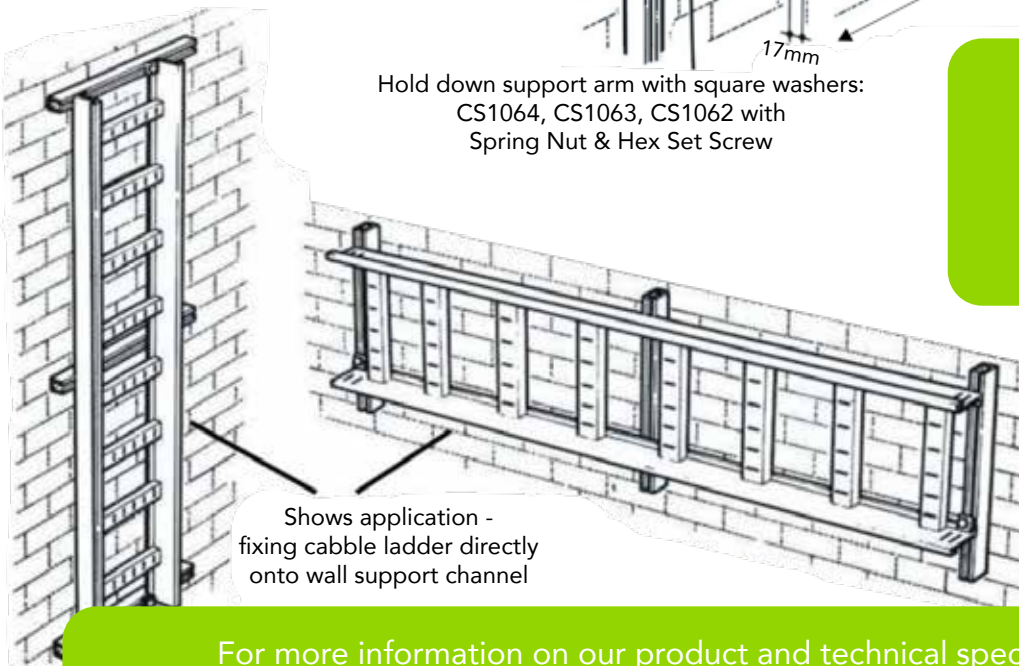
Application of Wall Support Channel and Cantilever Arm	
A	55mm
B	100, 150, 200, 300, 400, 500mm
C	3000mm

- 1. Hot-Dip Galvanised Finish
- 2. Finish of Fasteners is Oxyseal
- 3. Accessory Radius: 450mm



Hold down support arm with square washers:
CS1064, CS1063, CS1062 with
Spring Nut & Hex Set Screw

- splice sets**
- Splice sets consist of:
- 2 x Splice Plates
 - 8 x M6 x 16 Cup Square Bolt,
 - M8 Nut and M8 Flat Washer



For more information on our product and technical specifications, please refer to **Product Specifications** on page 37.

cable ladders

cl76 - medium duty

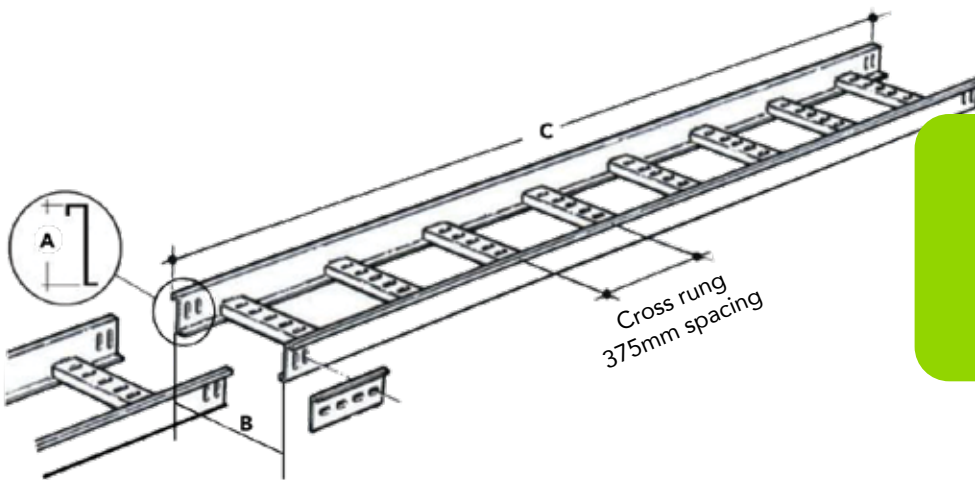
A	76mm
B	100, 150, 200, 300, 400, 500, 600, 800, 1000mm
C	3000mm



CS 76 Medium
Duty Cable Ladder



1. Hot-Dip Galvanised Finish
2. Finish of Fasteners is Oxysel
3. Accessory Radius: 450mm



splice sets

Splice sets consist of:

- 2 x Splice Plates
- 8 x M6 x 16 Cup Square Bolt,
- M8 Nut and M8 Flat Washer

For more information on our product and technical specifications, please refer to **Product Specifications** on page 37.

strong span

Product	Width	Mass Kg/3m
CSP 75/CSP 100	150mm	15.1
CSP 75/CSP 100	200mm	15.7
CSP 75/CSP 100	300mm	17.1
CSP 75/CSP 100	400mm	18.4
CSP 75/CSP 100	500mm	19.7
CSP 75/CSP 100	600mm	21.1
CSP 75/CSP 100	800mm	23.7
CSP 75/CSP 100	1000mm	26.4

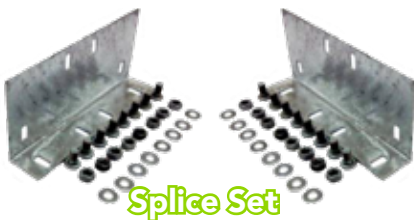


1. Hot-Dip Galvanised Finish
2. Finish of Fasteners is Electroplated
3. Accessory Radius: 450mm

splice sets

Splice sets consist of:

- 2 x Splice Plates
- 8 x M8 x 16 Cup Square Bolt,
- M8 Nut and 25mm OD 2mm Thick Flat Washer



Splice Set

16 nuts and bolts needed (8 per side)

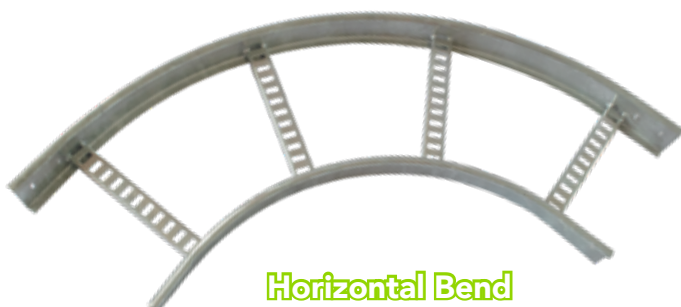
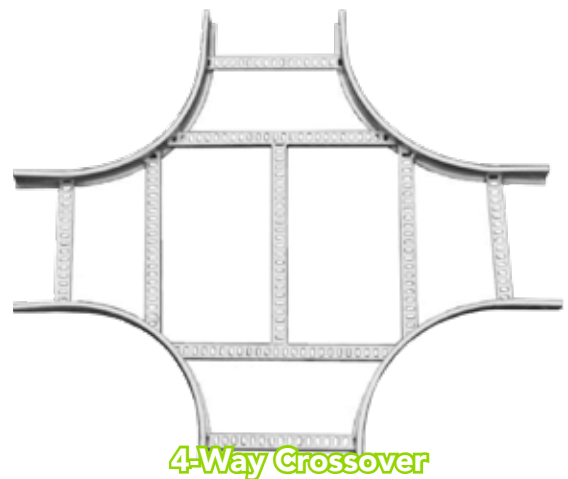
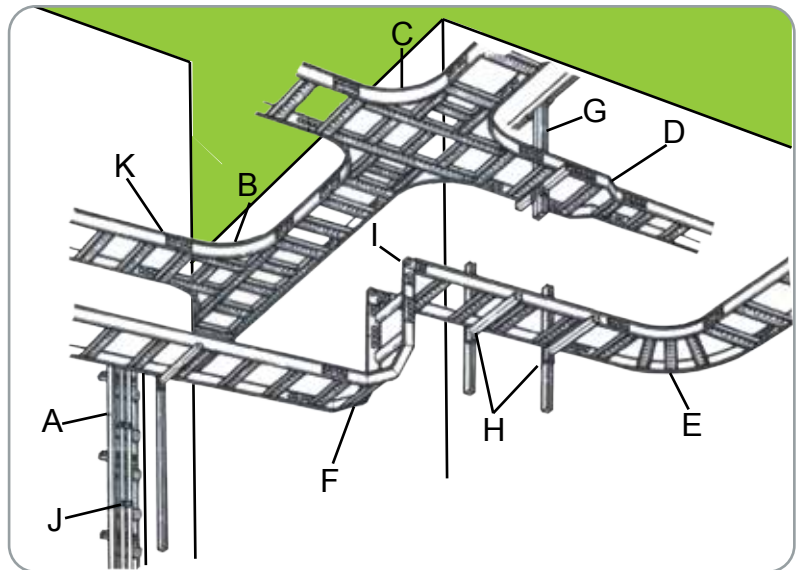
Rung Spacing	300mm
Standard Length	3 metres
Slot size	25 x 7mm
Cross Rung	2mm
Material	Side Rail 2mm (3mm Side Rail to order)

Also available in 100mm & 150mm side rail on request

For more information on our product and technical specifications, please refer to **Product Specifications** on page 37.

cable ladder accessories

A	Cable Ladder
B	Tee
C	4-Way Crossover
D	Equal Reducer
E	Horizontal Elbow 90°
F	Internal Riser
G	Double Cantilever Arm
H	Single Cantilever Arm
I	Adjustable Splice
J	Clamp or Strapping
K	Splice



nema 20b ladder



For more information on our product and technical specifications, please refer to **Product Specifications** on page 38.

supermarket trunking



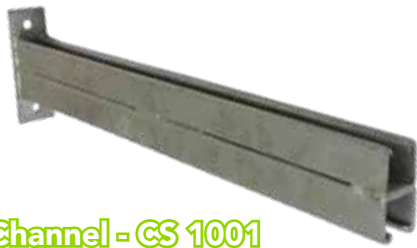
cantilever arms

Standard Length	Thickness
150mm	2.5mm
200mm	2.5mm
250mm	2.5mm
350mm	2.5mm
450mm	2.5mm
550mm	2.5mm
650mm	2.5mm

single arm: 254 series



full double arms

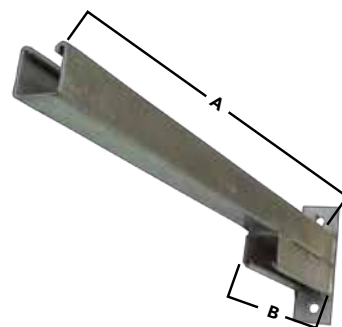


Double Channel - CS 1001

Length	Thickness
650mm	2.5mm
850mm	2.5mm
1050mm	2.5mm

Standard Length A	Standard Length B	Thickness
650mm	250mm	2.5mm
850mm	300mm	2.5mm
1050mm	350mm	2.5mm

staggered arms



pre-packaged aircon sets

450mm slotted cantilever arm aircon set includes:

2 x slotted cantilever arms (FPA type) 450mm length x 1.6mm (CS 2000 arm)

back plate - 150mm x 45mm x 6mm - EPC

2 x backing channel 41mm x 41mm x 2.0mm thick (CS 1000) x 250mm long - EPC

4 x M8 x 65mm shield anchors

4 x M8 x 30mm hex set screws - EG

4 x M8 long spring nuts - EG



650mm slotted cantilever arm aircon set includes:

2 x slotted cantilever arms (FPA type) 650mm length x 2.0mm (CS 2000 arm)

back plate - 150mm x 45mm x 8mm - EPC

2 x backing channel 41mm x 41mm x 2.0mm thick (CS 1000) x 250mm long - EPC

4 x M10 x 75mm shield anchors

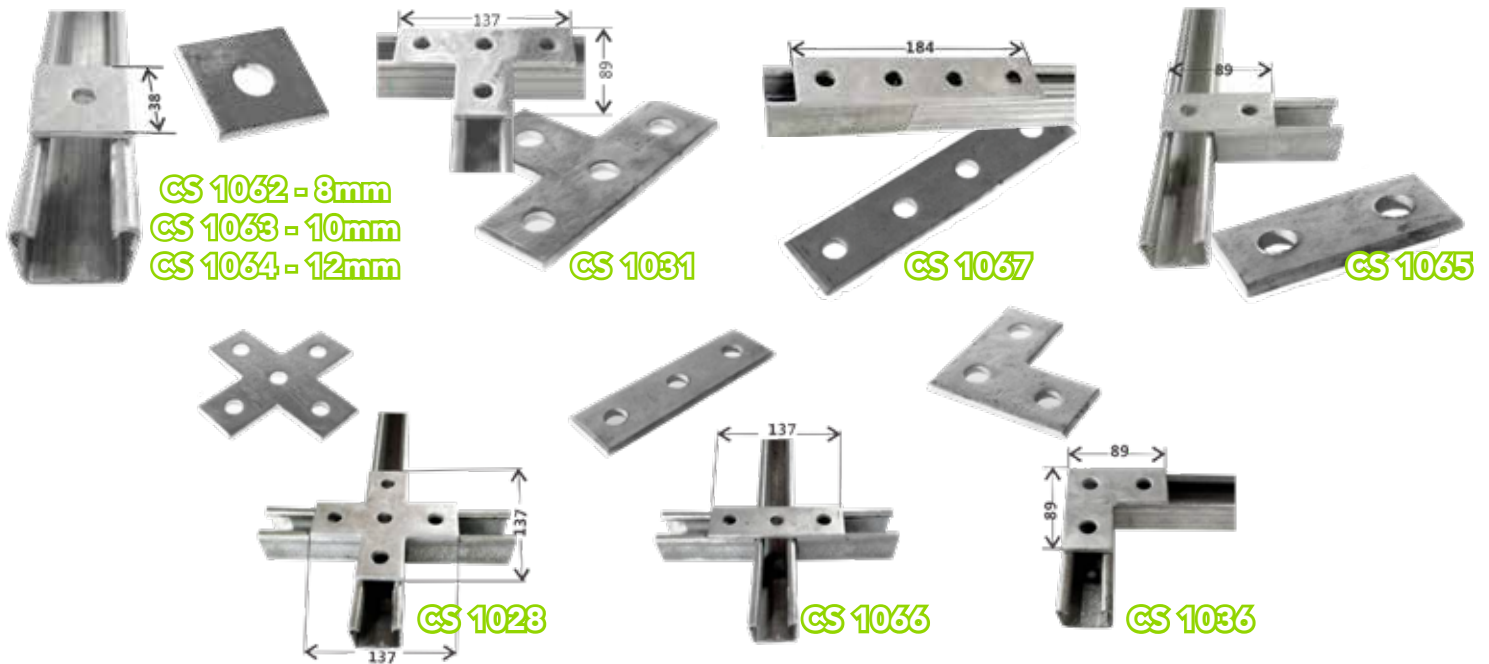
4 x M8 x 30mm hex set screws - EG

4 x M8 long spring nuts - EG

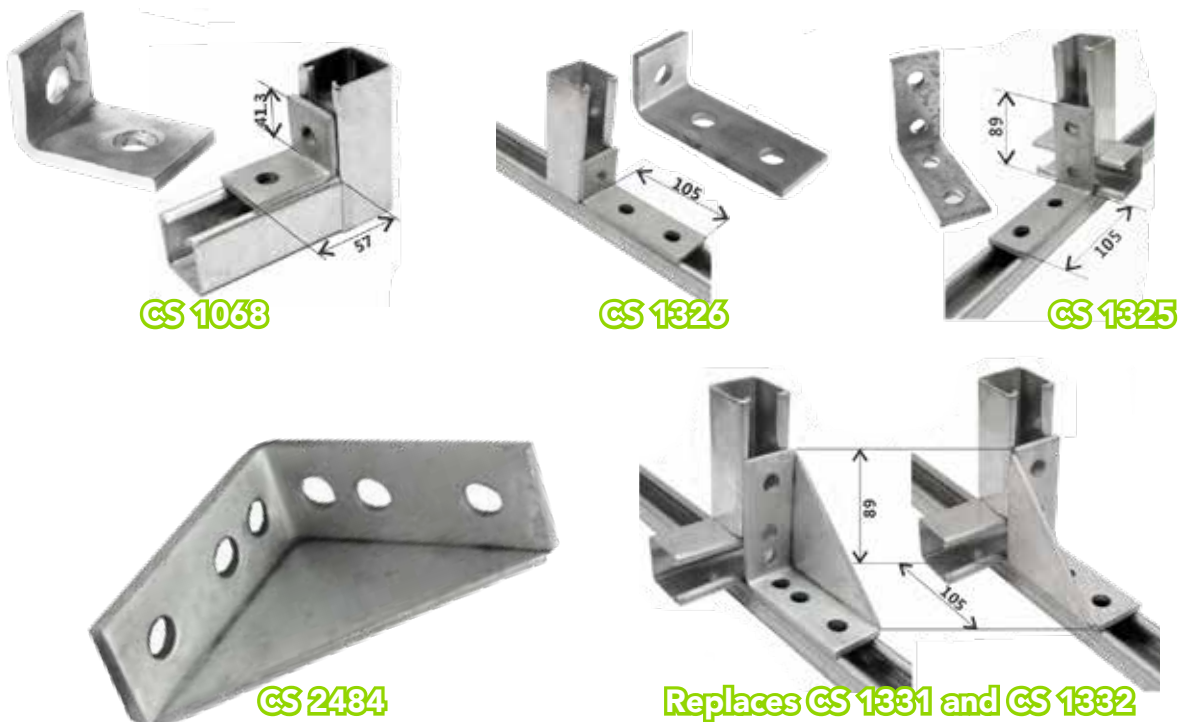
Standard colours available are Easter Oak / Motorcraft Grey
Alternative colours are available on request
Hot Dip Galvanised available ex stock

fixing brackets

flat plate brackets



ninety-degree angle brackets



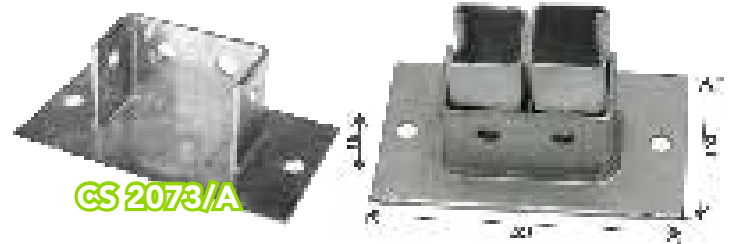
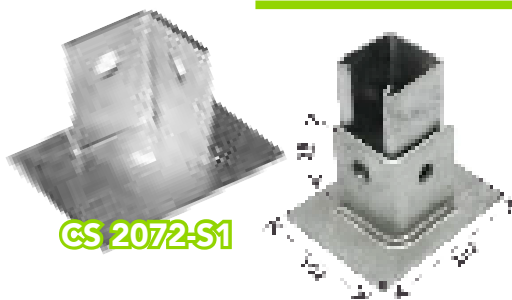
fixing brackets

slotted brackets

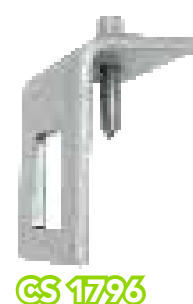


base plates & beam clamps

base plates



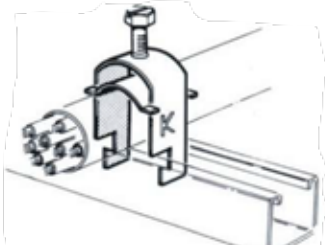
beam clamps



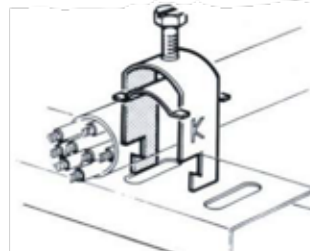
cable & pipe clamps



Q Clamp



CS 1000 Channel



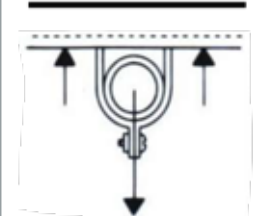
Ladderack Cross Rung

Ref No.	Diametre
Q16	16mm
Q20	20mm
Q26	26mm
Q32	32mm
Q40	40mm
Q46	46mm
Q52	52mm
Q58	58mm
Q66	66mm
Q70	70mm
Q78	78mm

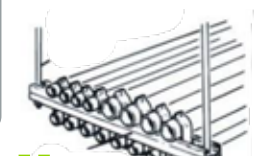
two piece clamps



Product	Diameter	Screw Size	Thickness	Design Load
CS 2026	11.3 - 13.5mm	M6 x 20 Gutter Bolt & Nut	1.5mm	180kg
CS 2027	13 - 17mm			
CS 2028	16.5 - 19.5mm			
CS 1111	19 - 23mm			
CS 2030	21 - 30mm			
CS 1112	24 - 29mm	M6 x 25 Gutter Bolt & Nut	2.0mm	270kg
CS 1113	32 - 36mm			
CS 1114	38 - 44mm			
CS 1115	43 - 57mm	M8 x 35 HSS & Nut	2.5mm	360kg
CS 2038	47 - 57mm			
CS 1117	54 - 70mm			
CS 2043	62 - 75mm			
CS 1118	71 - 85mm			
CS 1119	87 - 95mm			
CS 1120	99 - 110mm	M10 x 50 HSS & Nut	2.9mm	450kg
CS 1121	110 - 122mm			
CS 1122	116 - 140mm			
CS 1123	135 - 145mm			
CS 1124	155 - 180mm	M10 x 60 HSS & Nut	3.3mm	450kg
CS 1125	175 - 206mm			
CS 1126	188 - 228mm			
CS 1127	235 - 270mm			
CS 1129	260 - 285mm			



Trapeze Hanger



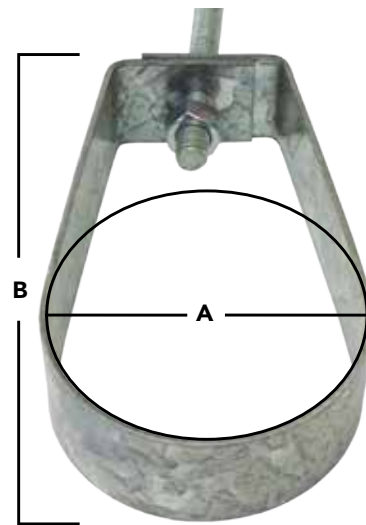
Double Trapeze Hanger

pipe hangers

cs 75 pipe hanger

Product	Diametre A	Length B
CS 75/15	21mm	65mm
CS 75/20	27mm	70mm
CS 75/25	34mm	75mm
CS 75/30	42mm	80mm
CS 75/40	48mm	90mm
CS 75/50	60mm	100mm
CS 75/60	76mm	120mm
CS 75/80	89mm	160mm
CS 75/100	114mm	200mm
CS 75/125	140mm	250mm
CS 75/150	166mm	300mm
CS 75/200	219mm	400mm

Suitable for hanging:
Plumbing, Drainage, Sprinkler
Pipes and more



fasteners

spring nuts

Strength of CS 1 M12 Nuts used in CS 1000

Metric Size	AWG	Thickness	Kg/Mpcs
M6	1.4 - 20	6.1	32
M8	5.16 - 18	8.0	38
M10	3.8 - 16	9.2	45
M12	1/2 - 13	12.0	54



Spring Nut for CS 1000 - CS 2000 Channels



Spring Nut for CS 3300 - CS 4000 Channels

For more information on our product and technical specifications, please refer to **Product Specifications** on page 38.

screws, nuts & washers

Standard Stock Sizes
M6
M8
M10
M12
M16
M20



Rawl Bolt



Drop In Anchor



Fully Threaded Rod



Coupler Nut



Coin Point Screw



Hex Nut



HSS Screw



Flat Washer



Fender Washer



Spring Washer

power skirting: 4, 3, 2, or single compartment



CS 802 Single Compartment

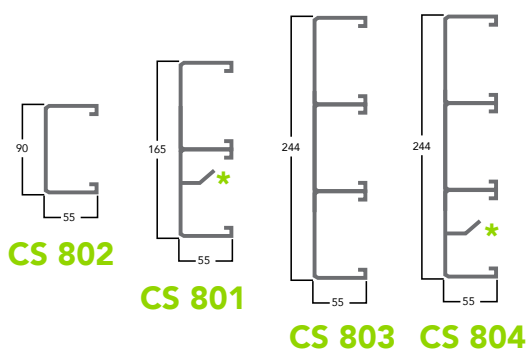


CS 801 Double Compartment



CS 803 & CS 804 Three & Four Compartment

technical measurements



CSS 50 X 50 Cover



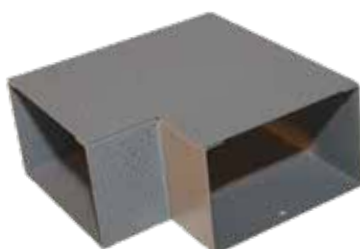
CSS 16 Amp Cover

For more information on our product and technical specifications, please refer to **Product Specifications** on page 38.

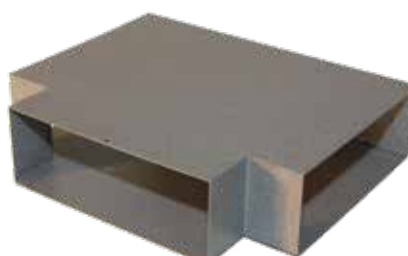
power skirting accessories



End Cap



Flat Bend



Flat Tee



Horizontal Bend

power skirting: eco skirt pvc

eco/1 series with accessories



eco/2 series with accessories



For more information on our product and technical specifications, please refer to **Product Specifications** on page 38.

power skirting: aluminium

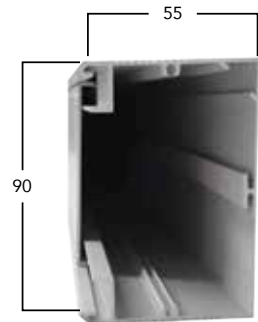
single compartment



Single Compartment



Cover



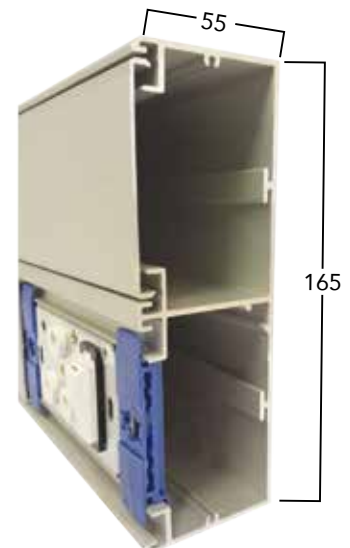
double compartment



Double Compartment with End Cap



Internal Elbow



switching accessories

crabtree: classic



16A Dedicated SSO
Blue 6896HD



16A SSO
6896H



16A Dedicated SSO
Red 6896HD



16A Dedicated SSO
Black 689HD



13A SSO
4556H



20A DPI and
Chord Grip



13 Amp Twin



Cover Plates

crabtree: diamond



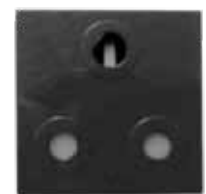
16A SO Standard
50x50 White 11915



16A SO Dedicated
50x50 Red 11451



16A SO Dedicated
50x50 Blue 11457



16A SO Dedicated
50x50 Black 11454



Data / Tel Point
11894



CSS Cat 6 Data



Normal Switch 20 Amp
11901



Blank 25 x 50

switching accessories

crabtree: diamond



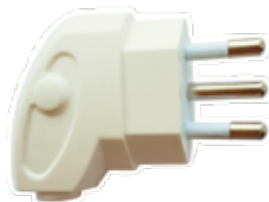
20A Dedicated 1-Way
Switch 25 x 50 Blue 11940



20A Dedicated 1-Way Switch
25 x 50 Black 11940



20A Dedicated 1-Way
Switch 25 x 50 Red 11940



Slimline Plug Top



Dedicated 3-Pin
Plug Tops



13A SO Mod
11940



3 Mod Yoke
11000



Shuko SO Mod
11459



Euro White
11850/001



Euro Dedicated Black
11850/003



Euro Dedicated Blue
6858D/007



Euro Dedicated Red
6858D/003

switching accessories

crabtree: diamond



Single USB
11972



Double HDMI
11903



**DUS RJ45 Data / Tel
Socket**



**4 Mod Combination
Socket**



Euro Socket with Switch
6853 / P



**7 Mod Combination
Socket**

switching accessories

css sockets



White Socket



Red Socket



Blue Socket



Black Socket

clipsal



LS 2 Mod Cradle PG

switching accessories

veti



**25 x 50 Blank
V507WT**



**16 Apm Switch
VG111WT**



**Dedicated Red
Switch VG111RD**



**RJ45 Cat 6 Data Socket
V305WT**



**USB Module
V209WT**



**3-Pin Euro
V203WT**



**16 Amp Standard SSO
White VG20PSWT**



**16 Amp Standard SSO
Red VG20DPS**



**16 Amp Standard Euro
Combination VG20PSWT**



**16 Amp Standard Socket
White V201WT**



**16 Amp Dedicated Socket
Red V202RD**



**16 Amp Dedicated
Socket Blue V202BL**



**16A Standard Switch
VG111WT**



**16A Dedicated Switch
VG111RD**

underfloor box

power box

Product	Dimensions
Small	100 x 100 x 80mm
Mini	145 x 215 x 70mm
Standard	200 x 260 x 75mm



Standard Box with Lid



Mini Box with Lid



Small Box



Small Box with Stainless Steel Lid



Standard Box



Standard Box with Socket Combinations

underfloor trunking

Product	Dimensions
Small	100 x 100 x 80mm
Mini	145 x 215 x 70mm
Standard	200 x 260 x 75mm



Standard Box with Lid



Standard Box



Standard Box with Socket Combinations

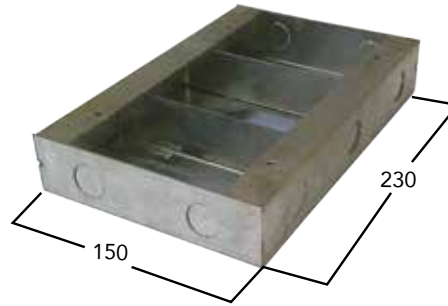
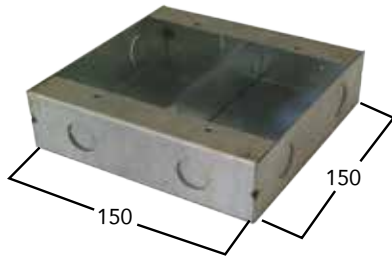
floor pedestals



**FD 6 Single &
FD 6 Double Pedestal**

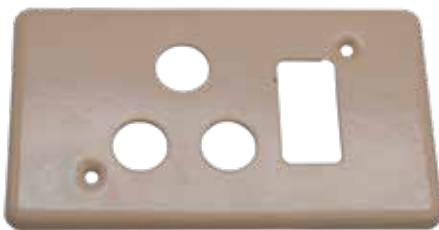


**FD 9 Single &
FD 9 Double Pedestal**



Conduit Box Pre-Galvanised

socket accessories



FD 16 Amp Cover



FD 50x50 Cover



FD Blank Cover

Available in: Easter Oak, Hammertone Grey, Hospital Grey
Motorcraft Grey, Carrier Beige, Textured White, and Sand Paper Black.

power poles



Poles are available in standard lengths of 3, 3.5, 4, and 4,5 metres.
The pole is supplied complete with PVC covers, floor pad, ceiling flange and jack assembly.
Finished in a natural anodised aluminium with grey PVC covers.

power pole service outlets

Product
16A SSO
16A SSO Dedicated Red
16A SSO Dedicated Black/Blue
13A SSO
Data / Tel Module
Blank Box Only
Pole Kit - 1 x Ceiling Flange, Floor Pad & Jack Assembly



caddy clips

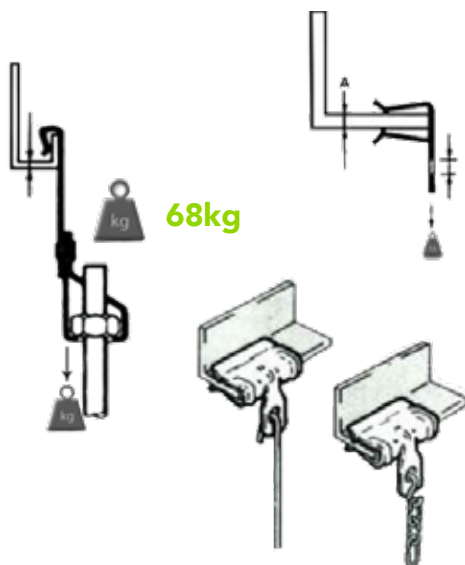
vertical flange / threaded rod hanger

Product	Beam Thickness	Threaded Rod Diametre	Static Weight
CS-155-RH6T	1.5 - 5mm	M6	68
CS-155-RH8T	1.5 - 5mm	M8	68
CS-155-RH10T	1.5 - 5mm	M10	68
CS-155-RH127	1.5 - 5mm	M12	68

Product	Beam Thickness	Threaded Rod Diametre	Static Weight
CS-57-RH6T	5 - 7mm	M6	68
CS-57-RH8T	5 - 7mm	M8	68
CS-57-RH10T	5 - 7mm	M10	68
CS-57-RH127	5 - 7mm	M12	68

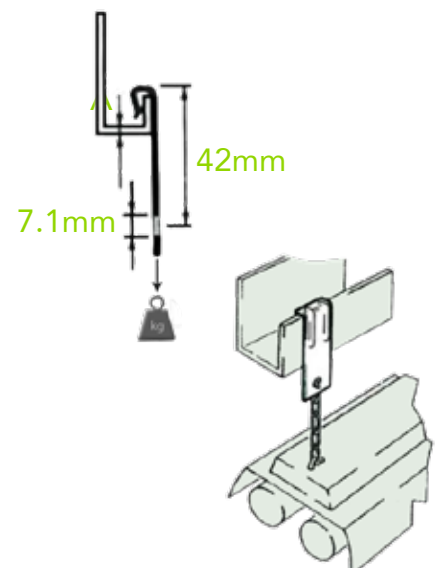


Beam Clip



Cable Run Clip

70kg
160lbs
700N



Hammer-on Vertical Flange Clip to suit Flange Thickness 1.5 - 7mm

caddy clips

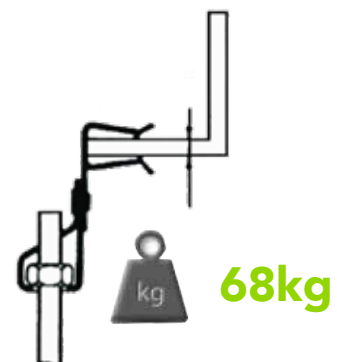
beam clip / threaded rod hanger

Product	Beam Thickness	Threaded Rod Diametre	Static Weight
BC153-RH6T	1.5 - 3mm	M6	68
BC153-RH8T	1.5 - 3mm	M8	68
BC153-RH10T	1.5 - 3mm	M10	68
BC153-RH127	1.5 - 3mm	M12	68

Product	Beam Thickness	Threaded Rod Diametre	Static Weight
BC38-RH6T	3 - 8mm	M6	68
BC38-RH8T	3 - 8mm	M8	68
BC38-RH10T	3 - 8mm	M10	68
BC38-RH127	3 - 8mm	M12	68



Beam Clip



Beam Clip to suit Horizontal Flanges 1.5 - 20mm thick

caddy clips

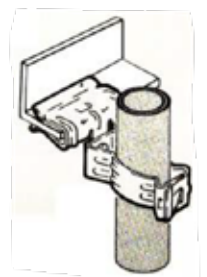
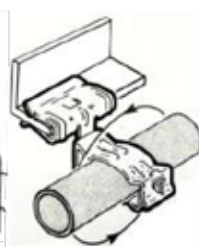
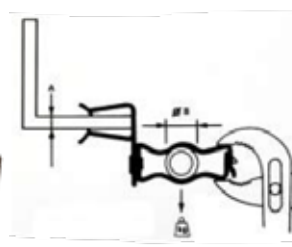
beam clip / threaded rod hanger

Product	Beam Thickness	Threaded Rod Diametre	Static Weight
BC814-RH6T	8 - 14mm	M6	68
BC814-RH8T	8 - 14mm	M8	68
BC814-RH10T	8 - 14mm	M10	68
BC814-RH127	8 - 14mm	M12	68

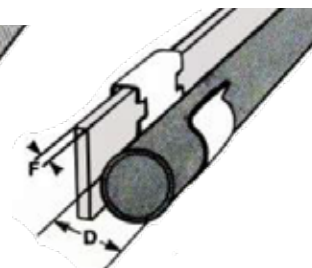
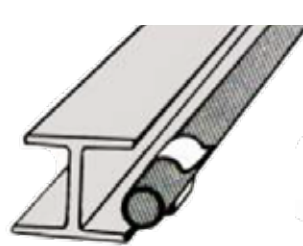
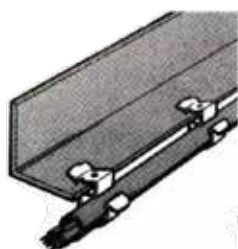
Product	Beam Thickness	Threaded Rod Diametre	Static Weight
BC1420-RH6T	14 - 20mm	M6	68
BC1420-RH8T	14 - 20mm	M8	68
BC1420-RH10T	14 - 20mm	M10	68
BC1420-RH127	14 - 20mm	M12	68



Conduit Clips



Cable Run Clips



Beam Clip to suit Horizontal Flanges 1.5 - 20mm thick

wall box

Product	Finish
9-Way Cover & Cradle	PVC White
9-Way Wall Box	PG
18-Way Cover & Cradle	PVC White
18-Way Wall Box	PG



4 x 4 plates

Product	Code	Size	Finish
Blank Complete with Steel Yoke	4X4BL	4 x 4	White
PVC Blank	4X4PVC Blank	4 x 4	White
50 x 50 Cover complete With Yoke - Steel	4X45050AW	4 x 4	White
Veti PVC 50 x 50 Cover - PVC	4X4 VETI	4 x 4	White



PVC



Steel

25 x 25 galvanised angles

Product
ANG 80 PG
ANG 120 PG
ANG 150 PG
ANG 200 PG
ANG 250 PG
ANG 300 PG
ANG 350 PG
ANG 450 PG
ANG 550 PG
ANG 650 PG



25 x 25 Galvanised Angles

product specifications

All of our products are manufactured to allow for effective and efficient installation.

Pre-Galvanised Products

Wiring Channels and Accessories / Solid Trunking and Ducting Accessories

- Our Pre-Galvanised products are manufactured using continuously pre-galvanised, normally grade Z275 sheet / coil which conform to SANS 4998, SANS 3575, EN10346, ASTM 653, and related specifications.
- This zinc-coated, steel substrate allows for moderate bending and forming, severe bending, moderate drawing and load-bearing applications.
- The Data Sheet, C1.1-availability, properties and tolerances of galvanised material are available on request.
- These solid accessories are 0.8mm thick.
- 3.2mm pop rivets are used to join accessories.

Unplasticised PVC Products

PVC Covers

- Our Unplasticised PVC Products are manufactured from a high-impact, heavy-metal-free, unplasticised PVC compound for extrusion, classified as Rigid-Extrusion Grade RX311-Organic.
- They are available in both grey and white.
- The material is self-extinguishing.
- Further technical data are available on request.

Sci Eplast Products

Compact Miniature Trunking / PVC Trunking / Half Moon & Corner Trunking / Industrial Cable Trunking

- Our SCI EPLAST products are extruded from PVC material, a tough and rigid PVC material with excellent resistance to chemicals and aging. Both lead and cadmium free, these products conform to the EU REACH Directive (ie. they are Heavy Metal Free).
- Formulation for Corner and Half Moon Trunking is CON Grey PVC and IS4 White PVC.
- Complies with SABS IEC: 61094:1919 requirements. Manufactured in an ISO 9001 accredited facility.
- Due to their chemical structure, these products have excellent aging resistance, according to the Wool Scale Light Fastness Test. However, this material is not suitable for outdoor or high UV applications.
- The combustability is defined as difficult to ignite, and is self-extinguishing.
- Further technical specifications are available on request.

Wire Mesh Products

Medium Duty

- Our wire products are manufactured at Tens Strength 670 MPA.
- The wires are manually fed into a welding frame, then spot welded using a multi-head system to weld the wire together.
- The sides are then bent up into the "U" profile.
- All the wire accessories have a standard radius of 450mm.
- They can be used in vertically and horizontally mounted applications.
- Use Hold-Down saddles with Spring Nuts and Hex Set Screws to clamp the wire down onto trunking. Support is required every 1.5 metres.
- These products are tested horizontally to the NEMA VE 1(2017) standard by and Independent P.R. Engineer, and the load capacity was divided by 1.5 for a safe working load. Test certificates are available on request
- NEMA VE 2-Installations guide is available on www.nema.org.

Cable Tray Products

Light Duty

- LDCT Cable Trays are manufactured from pre-galvanised Z275 flat sheeting that conforms to SANS 4998, SANS 3575, EN10346, ASTM 653 specifications.
- The sheets are punched out into 25 x 6.5mm slots.
- The top of the side rails, or lip, are bent upwards.
- LDCT normally get used for horizontally and vertically mounted applications, and should be supported every 1.5 metres.
- Trays and accessories have an overlap with can be bolted together with M6 x 12mm Gutter Bolts and Nuts. No splice sets required.
- These products are tested horizontally to the NEMA VE 1(2017) standard by and Independent P.R. Engineer, and the load capacity was divided by 1.5 for a safe working load. Test certificates are available on request.
- NEMA VE 2-Installations guide is available on www.nema.org.

product specifications

All of our products are manufactured to allow for effective and efficient installation.

Perforated Cable Tray Products

Medium Duty / Heavy Duty

- Perforated Cable Trays are created from flat sheet metal, cut to size.
- Slots are punched into the metal, creating ventilated perforations.
- Sides are bent up with a press brake.
- For use with light to medium cables, in horizontal and vertical mounted installations.
- All related accessories have a standard radius of 450mm.
- MT38 and HT76 Cable Trays available in the following finishes: Hot Dip Galvanised to SANS 121:2011 ISO 1461:2009, mild steel, or powder coated.
- These products are tested horizontally to Nema VE 1(2017) standards, by an independent P.R. Engineer. The load capacity was divided by 1.5 for a safe working load. Test certificates are available on request.
- NEMA VE 2-Installation guides are available on www.nema.org.

Cable Ladder Products

Strong Span

- CSP75 Cable Ladder can be used in vertical/edge mounted installations.
- Manufactured with 2mm Mild Steel (Hot Rolled Commercial Quality) (Hot Strip Mill Coil) to EN 10111.
- Material inspection certificates are issued as per EN10204:2004 Type 3.1 and SANAS, accredited for hardness, impact and tensile testing.
- The ladder consists of two 75mm high "Z" profiles, and punched "U" type crossrungs spaced 300mm apart for easy clamping of k/u and trefoil clamps.
- All accessories have a standard radius of 450mm. 650mm and 1,000mm radius bends are available on request.
- Standard finish is SANS 121:2011 ISO1461:2009 Hot Dip Galvanised.
- SS304, SS316 and Duplex Coating are available on request.
- Central Support Systems has our own in-house testing facility. These Edge Mount Ladders were tested and verified by an Independent P.R. Engineer. The rated load capacity includes a 1.5 safety factor for allowable working loads.
- Test certificates, as well as installation recommendations, available on request.

CL55 and CL76

- CS55 and CS76 Cable Ladder can be used in horizontally mounted installations.
- Manufactured with 1.5mm Mild Steel (Hot Rolled Commercial Quality) (Hot Strip Mill Coil) to EN 10111.
- Material inspection certificates are issued as per EN10204:2004 Type 3.1 and SANAS, accredited for hardness, impact and tensile testing.
- The ladder consists of two "Z" profiles, 55mm and 76mm high and punched "J" type crossrungs for easy clamping of k/u and trefoil clamps.
- Crossrungs have 25 x 7mm slots, spaced 375mm apart.
- All accessories have a standard radius of 450mm.
- Standard finish to SANS 121:2011 ISO1461:2009 Hot Dip Galvanised.
- SS304, SS316 and Duplex Coating are available on request.
- Central Support Systems has our own in-house testing facility. These Edge Mount Ladders are tested and verified by an Independent P.R. Engineer. The rated load capacity includes a 1.5 safety factor for allowable working loads.
- The CS76 cable ladder are tested to NEMA VE1 (2017) specifications.
- Test certificates, as well as installation recommendations, available on request.

Spring Nuts

- Manufactured with Q235 Steel
- Standard: Din 4.8 Class
- Resistance to slip: 360kg per bolt
- Safety factor of 2
- Finish Options: Electro-galvanised or Hot Dip Galvanised.
- Thread Rod Type: 4.8 class tread rod
- Pull-ot strength: 720kg, safe tension load per bolt
- Options available are: Strut Nut with no Spring, Short Spring, Long Spring, & Disc Spring.
- Used to affix fittings to channel steel quickly and effectively.
- Suitable for all kinds of channel steel.
- The postions of these nuts can be adjusted arbitrarily on channel steel, and keep the horizontal position, the improved channel steel lock has the function of anti-slip, safe and reliable.

product specifications

All of our products are manufactured to allow for effective and efficient installation.

Power Skirting

Medium Duty

- Mild Steel Power Skirting are manufactured in 2.45m lengths.
- Cleaned with a 7-stage Zinc Phosphate Pre-Treatment System.
- Powder-coated on both the inside and outside.
- The following quality tests are performed on these products: Indentation test, Cross Hatch test, Adhesion test, Film Thickness, Visual Inspection.
- Film Thickness:
 - Minimum 80 Microns for Structure Powder
 - Minimum 60 Microns for Ferrograin Powder
 - Minimum 50 Microns on Visible Smooth Powder
- All available colours are lead-free.
- Available colours are:
 - Carrier Beige - GI6002
 - Easter Oak - VEP6072
 - Hammertone Grey - VEP7306
 - Hospital Grey - VEP7010
 - Motorcraft Grey - VEP 7023
 - Textured White - CEP4012

Eco/1 & Eco/2 Series

- Our Eco-PVC Skirting is made from RX311-Organic, which is a high-impact heavy-metal-free unplasticised PVC compound, suitable for extrusion.
- Density - 1.38g.cm³
- Shore D - 80
- Tensile Strength - 50Mpa
- Elongation - 17%
- Impact Strength - 350KJ/m²
- Softening Point - 82°C
- Flammability - Self-extinguishing
- Barrel - °C150/160/170
- Head °C - 180/185

Nema 20B

- CS130 Cable Ladders can be used in horizontally mounted applications for the industrial, mining, and mechanical sectors to accommodate heavier cables and pipes.
- The ladder consists of two "Z" profiles facing inwards, and punched "U"-Type cross rungs for easy clamping K/U clamps, trefoil clamps or pipes clamps in order to safely hold down the required cables or pipes.
- All accessories have a standard radius of 650mm. Accessories of 1,000mm radius are available on request.
- The ladder can be manufactured in the following finishes: Hot Dip Galvanised and SS316.
- Installation recommendations: At bottom rails mount a square washer or Z-fitting 1045 bracket, along with a Spring Nut and a Hex Set Screw mounted onto CS1000 Channel.
- Tested Horizontally to NEMA VE 1 (2017) standard by an independent P.R. Engineer.
- Classified as NEMA VE 1 Class 20B (112kg/m)
- Test 2021-001 and Test 2021-003. Test certificate available on request.
- NEMA VE-2 Installation guide available on www.nema.org.

structural design data

Beamloads:

Allowable uniformly distributed loads are listed for various simple spans. That is, beam on two supports. If load is concentrated at centre of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Working Stress: 135 N/mm:

Recommended for use where deflection is not a factor on long spans.

Deflection:

This is the vertical displacement of a product under load, measured on the flanges at mid-span. Deflection under load is not directly related to the strength of the product but visually it is of obvious aesthetic importance and for this reason may well be a principal design criterion. Deflection is directly

proportional to the applied load, thus doubling the load, will double the consequent deflection. Any load will, if applied at one cause approximately twice the product deflection that it would if the load were uniformly distributed along a complete span.

Span/200 - Recommended for use when deflection is a factor

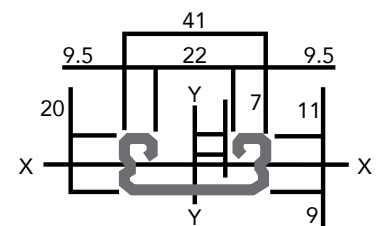
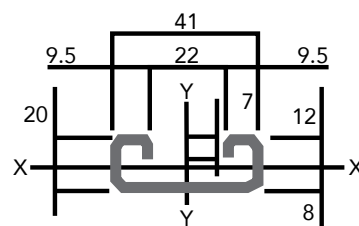
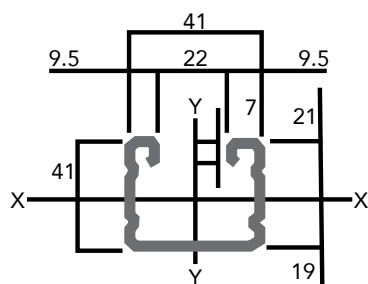
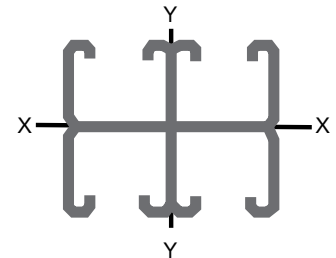
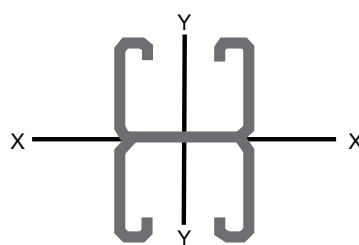
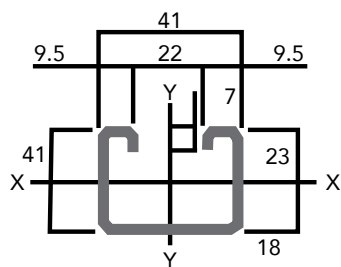
Column Load:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to Standard Practice
Strength of M12 Spring Nuts used in CS 1000
Resistance to slip - 360kg per bolt
Pull Out Strength - 720kg per bolt
Minimum Safety Factor -2

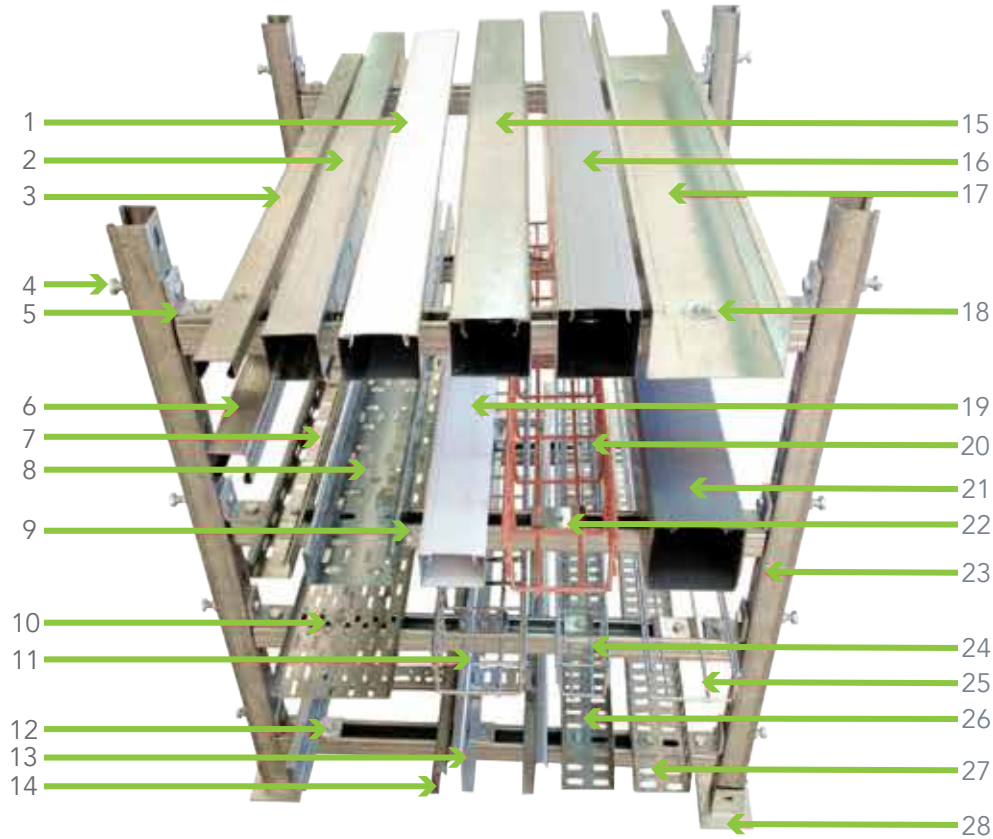
Beam Span or Column Unsupported Height (mm)	Product	UDL (kg) at Working Stress 125n/mm ²	Deflection at Working Stress (mm)	UDL (kg) when Deflection equals Span 1/200	UDL (kg) when Deflection equals Span 1/360	Maximum Loading of Column (kg) S.F. 1,6	Column Load at Slot Face S.F. 1,6
250	P 1000	1264	0,17	-	-	4 268	1 216
	P 2000	899	0,2	-	-	2 714	844
	P 3300	395	0,33	-	-	2 857	745
	P 400	305	0,33	-	-	1 872	559
500	P 1000	632	0,83	-	-	4 105	1 202
	P 2000	446	0,7	-	-	2 622	835
	P 3300	197	1,3	-	-	2 523	720
	P 4000	152	1,3	-	-	1 686	542
750	P 1000	421	1,54	-	-	3 755	1 170
	P 2000	297	1,6	-	-	2 410	812
	P 3300	131	3,0	-	-	1 894	657
	P 4000	101	3,0	-	94	1 336	499
1 000	P 1000	316	2,1	-	71	3 131	1 102
	P 2000	224	2,8	-	-	1 976	756
	P 3300	98	5,2	95	222	1 258	559
	P 4000	76	5,3	70	55	924	428
1 250	P 1000	252	4,3	-	40	2 467	1 006
	P 2000	178	4,3	-	142	1 480	670
	P 3300	79	8,1	61	33	856	463
	P 4000	61	8,2	46	25	637	354
1500	P 1000	210	6,2	-	142	1 970	912
	P 2000	148	6,3	-	98	1 121	585
	P 3300	65	11,7	42	23	-	-
	P 4000	50	12,0	32	17	-	-

structural design data

Beam Span or Column Unsupported Height (mm)	Product	UDL (kg) at Working Stress 125n/mm ²	Deflection at Working Stress (mm)	UDL (kg) when Deflection equals Span 1/200	UDL (kg) when Deflection equals Span 1/360	Maximum Loading of Column (kg) S.F. 1,6	Column Load at Slot Face S.F. 1,6
1 750	P 1000	180	8,4	-	104	1 620	829
	P 2000	127	8,6	-	72	880	512
	P 3300	56	15,9	31	17	-	-
	P 400	43	16,2	23	13	-	-
2 000	P 1000	158	11,0	144	80	1 365	757
	P 2000	111	11,2	100	55	716	452
	P 3300	49	20,8	20	14	-	-
	P 4000	38	21,2	18	10	-	-
2 250	P 1000	140	13,8	114	63	1 172	694
	P 2000	99	14,2	79	44	599	402
	P 3300	44	26,2	18	10	-	-
	P 4000	33	26,7	-	-	-	-
2 500	P 1000	126	17,1	92	37	1 021	638
	P 2000	89	17,5	64	35	512	361
	P 3300	39	32,3	15	8	-	-
	P 4000	30	33,0	-	-	-	-
2 750	P 1000	114	20,7	76	42	-	-
	P 2000	81	21,1	52	29	-	-
	P 3300	35	39,0	12	7	-	-
	P 4000	27	40,0	-	-	-	-
3 000	P 1000	105	34,6	64	35	-	-
	P 2000	74	25,2	44	24	-	-
	P 3300	32	46,5	10	5	-	-
	P 4000	25	47,0	-	-	-	-



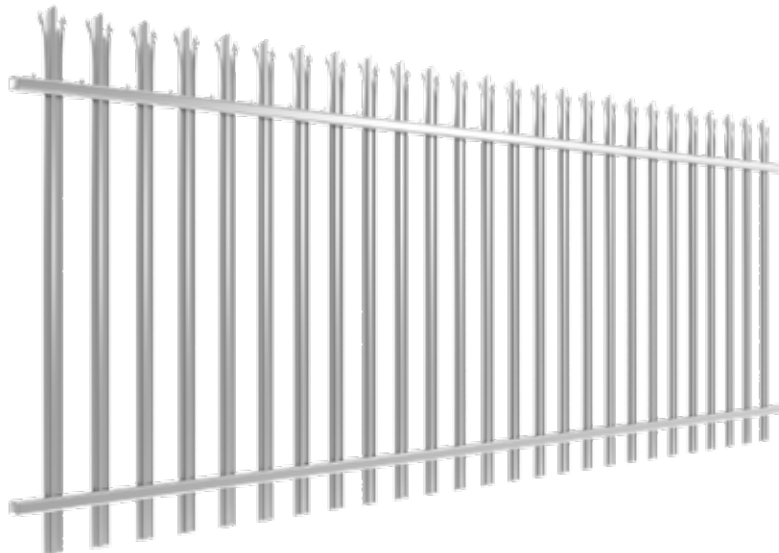
product layout



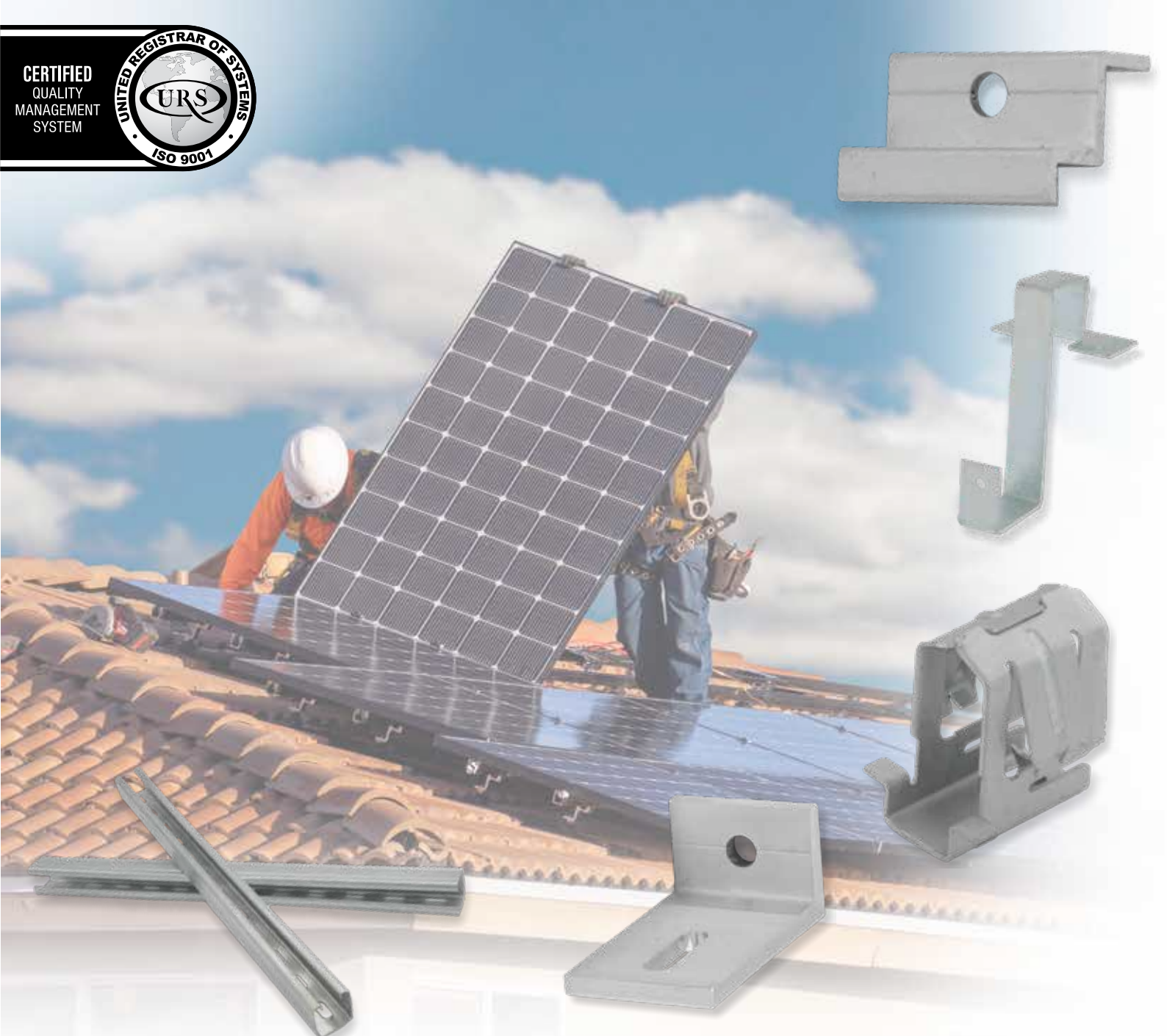
1	CS 8200 Channel C/W White PVC Cover	15	CS 8300 Channel C/W PG Cover
2	CS 2200 Channel C/W PG Cover	16	CS 8000 Channel C/W Grey PVC Cover
3	CS 4000 Channel	17	CS 9000 Channel
4	M10 x 35mm Hex Set Screw	18	8mm Fender Washer
5	1068 Angle Bracket	19	CS 8200 Channel White C/W White PVC Cover
6	CS 2000 1mm Support Channel	20	CS 75 100mm Heavy Duty Wire Mesh E/ Orange 100/50 Aperture
7	R/Flange Medium Duty 50mm Tray	21	CLT 3 PVC Industrial Trunking Grey
8	R/Flange Heavy Duty 100mm Tray	22	Wire Mesh Hold Down Saddle
9	CS 2000 1.6mm Support Channel	23	CS 1000 Slotted Channel
10	Light Duty Cable Tray 152mm	24	GS 50 50mm Wire Mesh 50/50 Aperture
11	GS 50 100mm Wire Mesh 50/50 Aperture	25	GS 50 100mm Wire Mesh 100/50 Aperture
12	1062 Square Washer	26	Heavy Duty Cable Tray 76mm
13	CL 76 100mm Cable Ladder	27	Medium Duty Cable Tray 76mm
14	CL 55 200mm Cable Ladder	28	2072/S1 Base Plate

additional products

- epoxy coated products
- stainless steel products
- floor trunking
- power mast
- supermarket trunking
- 4 x 4 steel & pvc plates
(Blank or with 50 x 50 punch outs)
- special manufacture of items
(to customer specifications and requirements)
- palisade fencing at factory pricing



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