



# **CABLE MANAGEMENT SYSTEMS & STRUT CHANNELS**

**BUREAU VERITAS**  
Certification



## EXPANDED METAL MANUFACTURING COMPANY LIMITED

Head Office: Street J, New Industrial Area,  
P. O. Box: 17840, Doha

### STATE OF QATAR

*Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below*

#### ISO 9001:2015

Scope of certification

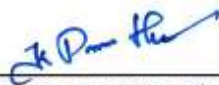
**MANUFACTURING, MARKETING AND SUPPLY OF PLASTERING AND BLOCK ACCESSORIES, GYPSUM ACCESSORIES FOR DRY WALL, PARTITION AND CEILING SYSTEM, CLADDING FIXING SYSTEM, CABLE TRAY AND CABLE TRUNKING FOR BUILDING CONSTRUCTION MATERIALS. FABRICATION, MARKETING AND SUPPLY OF SHELVING AND RACKING SYSTEM.**

Original cycle start date:	06 <sup>th</sup> June 2011
Expiry date of previous cycle:	05 <sup>th</sup> June 2020
Re-Certification audit date:	07 <sup>th</sup> May 2020
Re-Certification cycle start date:	06 <sup>th</sup> June 2020

Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on: **05<sup>th</sup> June 2023.**

Certificate No. IND.20.2504QMWU

Version: No. 1 Revision date: 06<sup>th</sup> June 2020

  
**Vinoth. K. P. - Certification Manager**

Certification body address: 5<sup>th</sup> Floor, 66 Prescott Street, London E1 8HG, United Kingdom

Local office: G1-G3, Ground Floor, KG Building  
(Bldg. No. 194, Street No. 230), C Ring Road,  
Opposite Gulf Times, P. O. Box: 22157,  
(Doha) Qatar



Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.  
To check this certificate validity please call: +974 403 29729



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## CABLE MANAGEMENT SYSTEMS

BS 61537: 2007 - Cable Tray Systems and Cable Ladder Systems

## CABLE TRUNKING

BS 4678: 1971 - Cable Trunking

## MATERIALS USED

### PRE-GALVANIZED STEEL

ASTM A 653 - 94 LFQ, G90 (equivalent to ASTM A527 G90)

BS EN 10346 - DX 51D +Z275 (formerly BS EN 10327 and BS EN 10326, Z2, zinc coating 275 gm/m<sup>2</sup>)

### HOT-DIP GALVANIZED (after fabrication)

ASTM A 123 & ASTM A 153

BS EN ISO 1461: 2009 (formerly BS 729: 1971), zinc coating not less than 335 gm /m<sup>2</sup>

### STAINLESS STEEL

AISI 304, 2-B finish (other grades such as 316-L can be arranged)

BS EN 10088-2-1/4301 - Stainless Steel

### POWDER COATING

BS EN 13438:2005 - Paints and Varnishes - Powder Organic Coating (formerly BS 6497: 1984)

## WELDING

Welding procedures used in fabrication of trays and accessories are matching with the requirements of American Welding Society Standards (AWS D.1.3) to ensure smooth, clean and strong welding.

SPECIFICATIONS FOR POWDER COATING

CONTENTS	SPECIFICATION
<b>Base Metal</b>	Cold-Rolled, Galvanized – Aluminum, Aluminum, Stainless Steel and Aluminum
<b>Paint Systems</b>	Primers: Epoxy, Polyester Top Coat: Regular Modified Polyester (RMP), Silicon Modified Polymer (SMP), Super Durable Polyester (SDP), Poly Vinylidene Flouride (PVDF), Polyurethane, Acrylics, Plastisol, Metallics
<b>Colors</b>	As per RAL shades / Customer Requirements
<b>Coating Thickness</b>	80 - 120 microns

STANDARD COLOR RANGE



RAL 1015  
Light Ivory



RAL 1001  
Beige



RAL 5012  
Light Blue



RAL 5015  
Sky Blue



RAL 6002  
Leaf Green



RAL 3009  
Oxide Red



RAL 6028  
Pine Green



RAL 6011  
Olive Green



RAL 7000  
Squirrel Grey



RAL 7035  
Light Grey



RAL 5005  
Signal Blue



RAL 3013  
Tomato Red



RAL 8014  
Sepia Brown



RAL 9002  
Grey White



RAL 9006  
White Aluminum

\* More colors can be arranged as per standard RAL shades / customer's requirements  
\* Colors may vary from the shades shown above

## LEED INFORMATION

### GALVANIZED STEEL

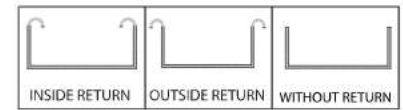
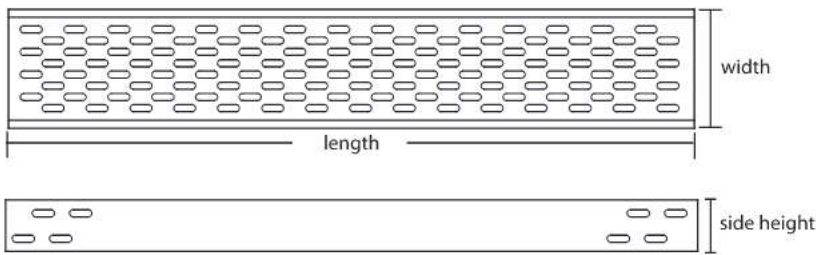
LEED Requirement	EXMET Compliance
<b>MR 4: Recycled Content</b>	<ul style="list-style-type: none"> <li>• Post-consumer content - (30%-60%)*</li> <li>• Post-industrial / Pre-consumer - (10-15%)*</li> </ul>
<b>MR 5: Regional Materials</b>	<ul style="list-style-type: none"> <li>• Products are produced within 800 km distance</li> </ul>
<b>IEQ 3.1: Construction Indoor Air Quality Management Plan – During Construction</b>	<ul style="list-style-type: none"> <li>• VOC content is zero</li> </ul>
<b>IEQ 4.2: Low-Emitting Materials – Paints and Coatings</b>	

### STAINLESS STEEL

LEED Requirement	EXMET Compliance
<b>MR 4: Recycled Content</b>	<ul style="list-style-type: none"> <li>• Post-consumer content – 60%</li> </ul>
<b>MR 5: Regional Materials</b>	<ul style="list-style-type: none"> <li>• Products are produced within 800 km distance</li> </ul>
<b>IEQ 3.1: Construction Indoor Air Quality Management Plan – During Construction</b>	<ul style="list-style-type: none"> <li>• VOC content is zero</li> </ul>
<b>IEQ 4.2: Low-Emitting Materials – Paints and Coatings</b>	



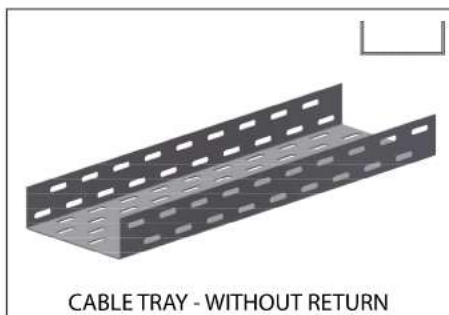
## CABLE TRAY RUN



DIMENSIONS:  
27mm x 7mm

\* refer to page 1 for Specifications

Sizes Available:

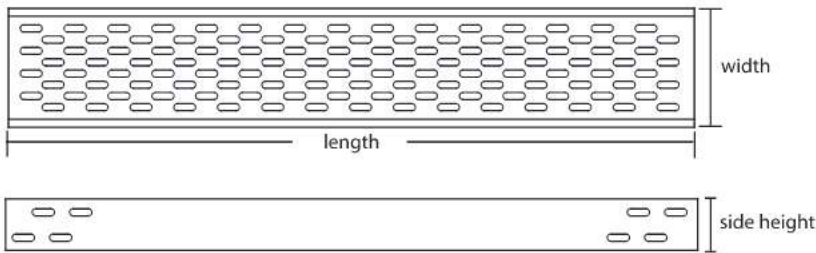


Thickness (mm)	Width (mm)	Side Height (mm)	Length (m)
<b>1.0</b>	50	25 / 50	2.44
	100	25/50	3.00
	150	50	
	200	50	
	250	50	
<b>1.25</b>	50	25 / 50	2.44
	100	50	3.00
	150	50	
	200	50	
	250	50/75	
	300	50/75	
<b>1.50</b>	50	50	2.44
	100	50	3.00
	150	50/75	
	200	50/75	
	250	50/75	
	300	50/75	
	400	50/75	
	450	50/75	
<b>2.0</b>	50	50	2.44
	100	50	3.00
	150	50/75	
	200	50/75	
	250	50/75	
	300	50/75	
	400	50/75	
	450	50/75	
	500	50/75	
	600	50/75	
	700	50/75	
	800	50/75	
900	50/75		
1000	50/75		

\* other sizes can be arranged

\* side height of 100mm can be manufactured

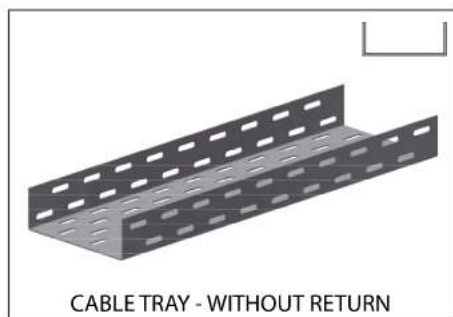
## CABLE TRAY RUN



DIMENSIONS:  
27mm x 7mm

\* refer to page 1 for Specifications

Sizes Available:



Thickness (mm)	Width (mm)	Side Height (mm)	Length (m)
<b>1.0</b>	50	25 / 50	2.44
	100	25/50	3.00
	150	50	
	200	50	
	250	50	
<b>1.25</b>	50	25 / 50	2.44
	100	50	3.00
	150	50	
	200	50	
	250	50/75	
	300	50/75	
<b>1.50</b>	400	50/75	
	450	50/75	
	500	50/75	2.44
	600	50/75	3.00
	50	50	
	100	50	
	150	50/75	
	200	50/75	
<b>2.0</b>	250	50/75	
	300	50/75	
	400	50/75	
	450	50/75	
	500	50/75	
	600	50/75	
	700	50/75	
	800	50/75	
	900	50/75	
	1000	50/75	
	50	50	2.44
	100	50	3.00

\* other sizes can be arranged

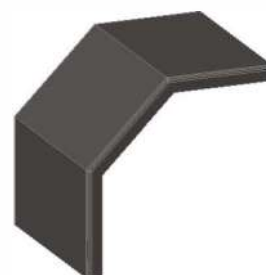
\* side height of 100mm can be manufactured



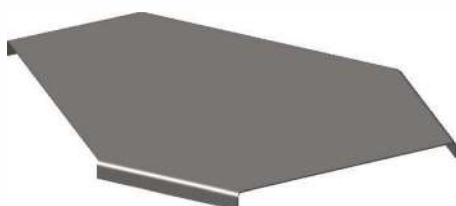
90° VERTICAL ELBOW - INSIDE



90° VERTICAL ELBOW - OUTSIDE

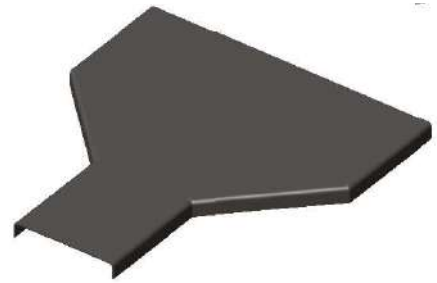
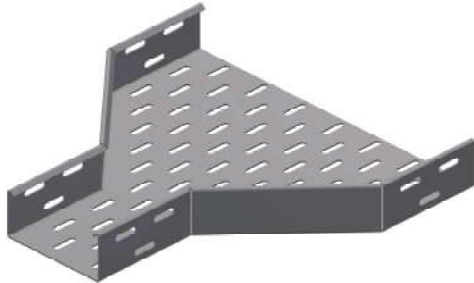


90° HORIZONTAL ELBOW

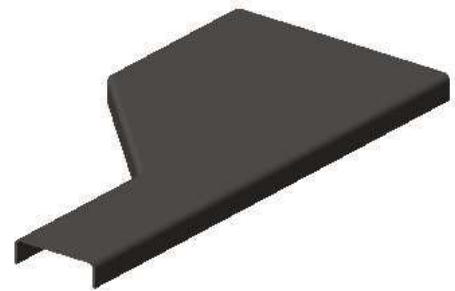
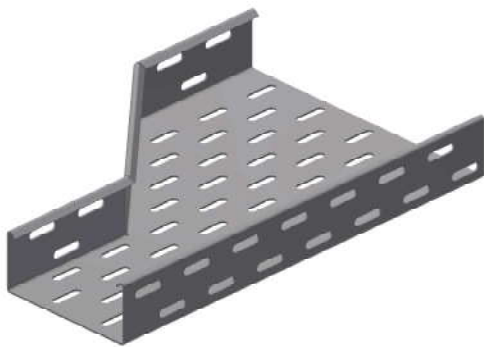


Drawing shall be submitted for approval prior to production for ALL accessories, dimensions shown are subject to be changed occasionally.

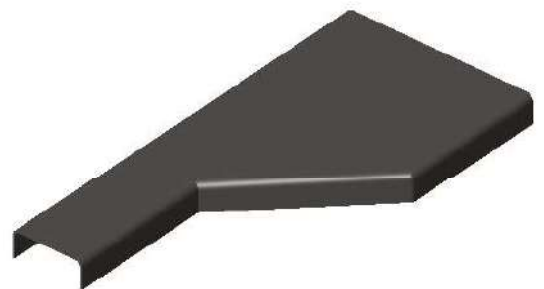
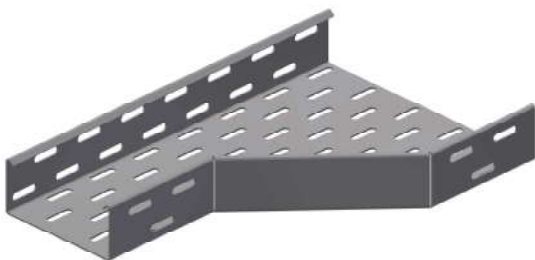
STRAIGHT REDUCER



RIGHT HAND REDUCER

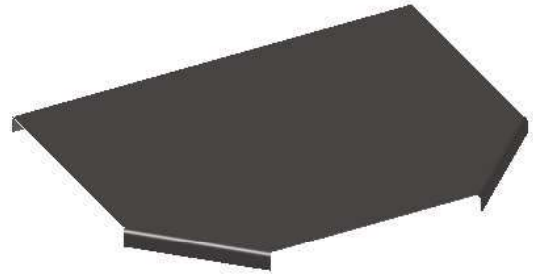
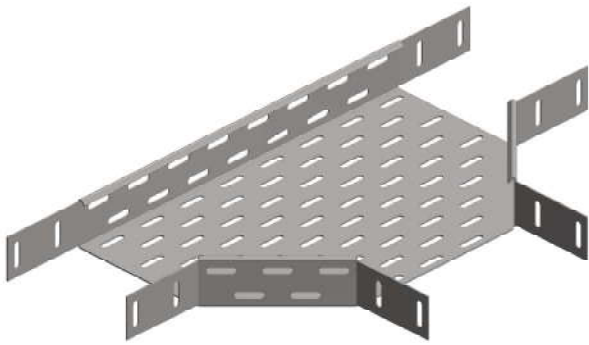


LEFT HAND REDUCER

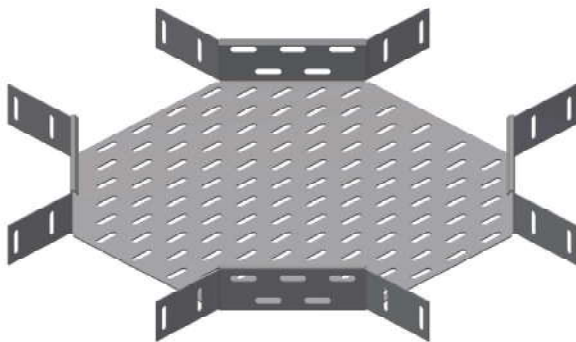


Drawing shall be submitted for approval prior to production for ALL accessories, dimensions shown are subject to be changed occasionally.

HORIZONTAL TEE



HORIZONTAL CROSS



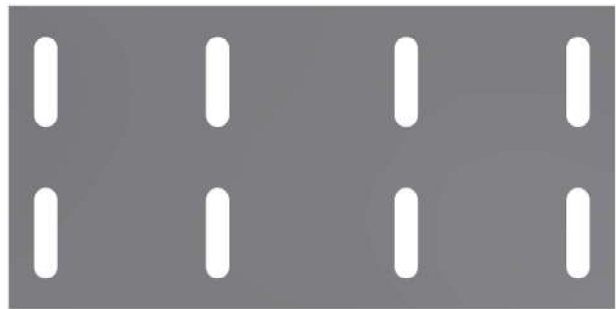
Drawing shall be submitted for approval prior to production for ALL accessories, dimensions shown are subject to be changed occasionally.

JOINT CONNECTOR (COUPLER)

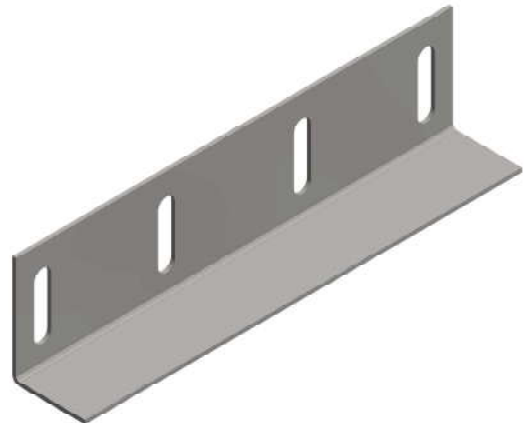
Straight Coupler  
for tray height 50 mm and 75 mm



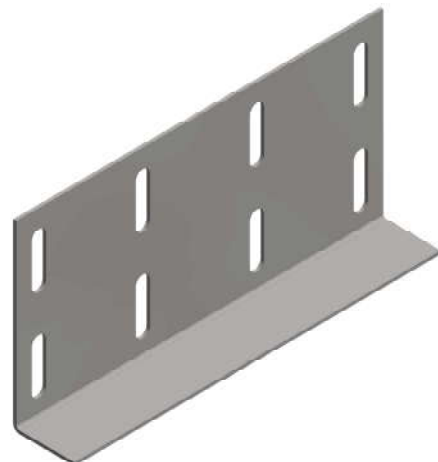
Straight Coupler  
for tray height 100 mm



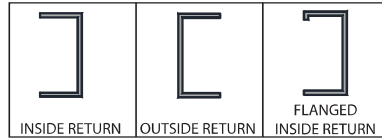
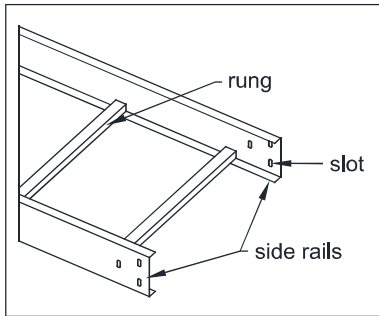
Angle Coupler  
for tray height 50 mm and 75 mm



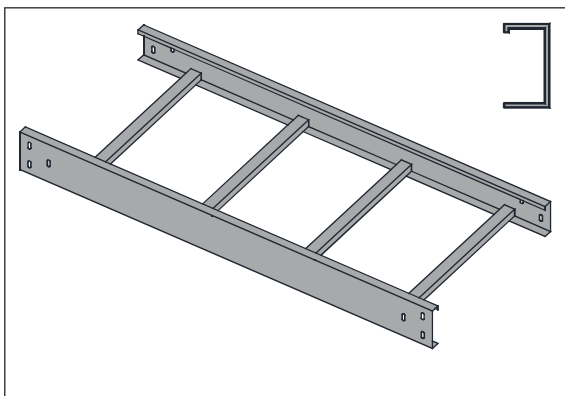
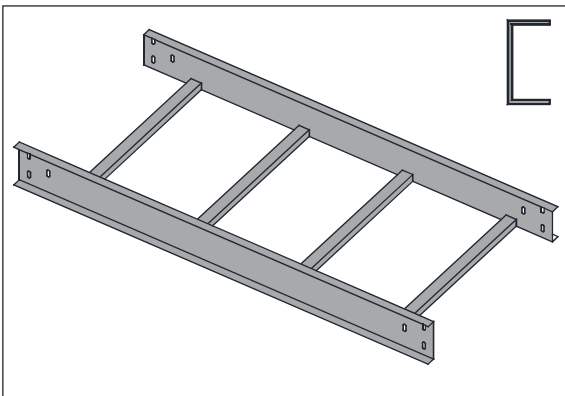
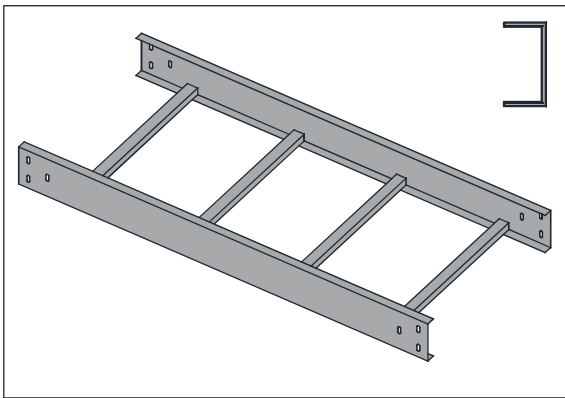
Angle Coupler  
for tray height 100 mm



## CABLE LADDER RUN

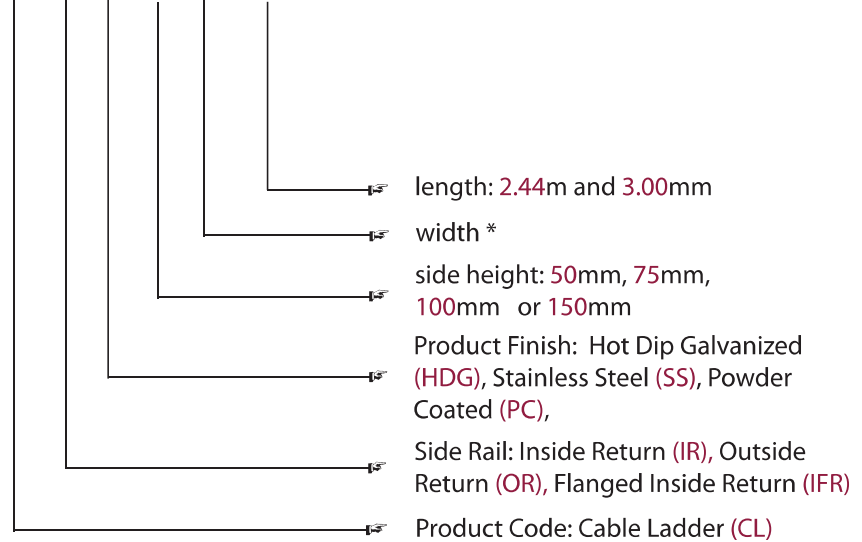


<p>30 RUNG: PLAIN TYPE</p>	<p>DIMENSIONS: 18mm x 30mm 9.5mm return</p>
<p>41 RUNG: STRUT TYPE</p>	<p>DIMENSIONS: 21mm x 41mm 9.5mm return</p>
<p>SLOT</p>	<p>DIMENSIONS: 27mm x 7mm</p>



### ORDER CODE:

CL IR SS 50 A 2.44



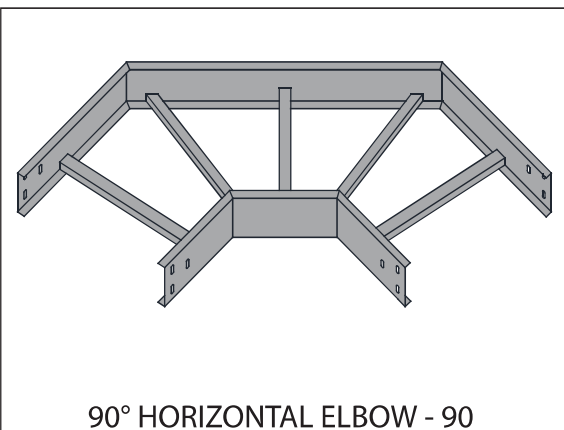
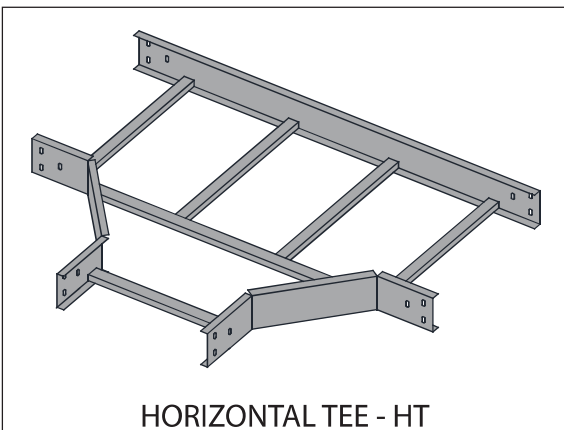
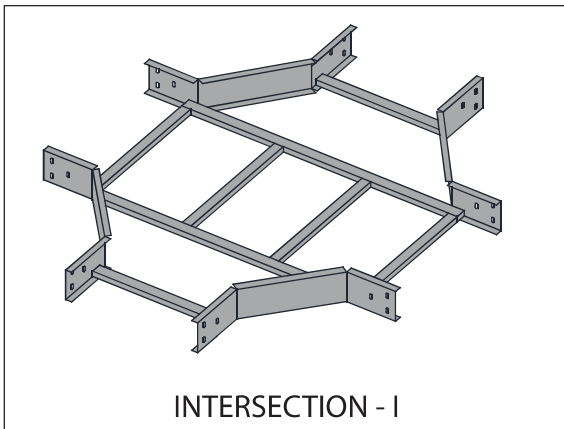
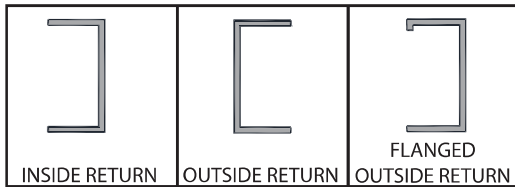
Side Height (mm)	Width (mm)	Length (m)
50 75 100 150	50	2.44 3.00
	100	
	150	
	200	
	250	
	300	
	400	
	450	
	500	
	1000	

* Width	
A – 50 mm	H – 450 mm
B – 100 mm	I – 500 mm
C – 150 mm	J – 600 mm
D – 200 mm	K – 700 mm
E – 250 mm	L – 800 mm
F – 300 mm	M – 900 mm
G – 400 mm	N – 1000 mm

\* Thickness:  
1.50 and 2.00 mm

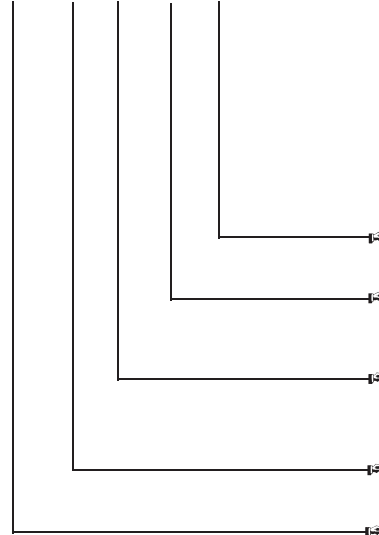


## CABLE LADDER FITTINGS



### ORDER CODE:

CLI IR SS 50 A



width \*

side height: 50mm, 75mm, 100mm or 150mm

Product Finish: Hot Dip Galvanized (HDG), Stainless Steel (SS), Powder Coated (PC),

Side Rail: Inside Return (IR), Outside Return (OR), Flanged Inside Return (IFR)

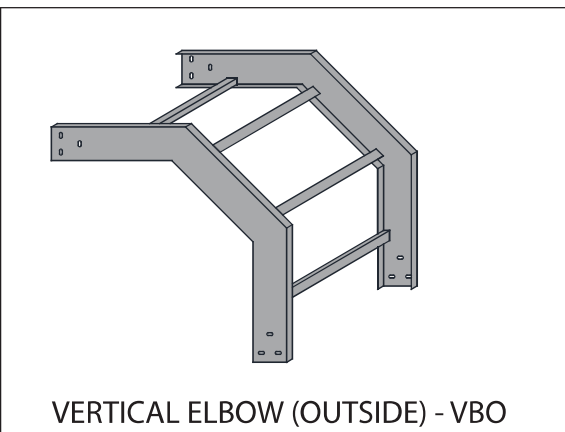
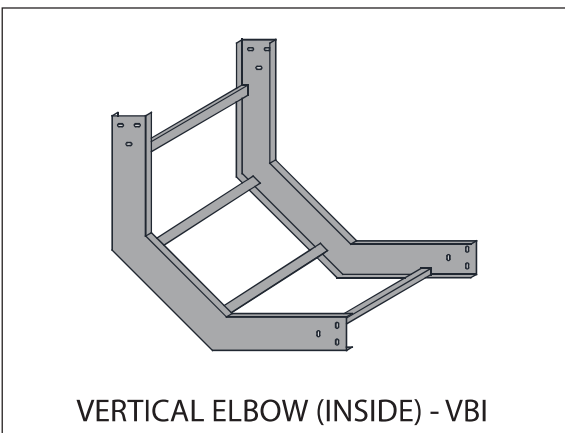
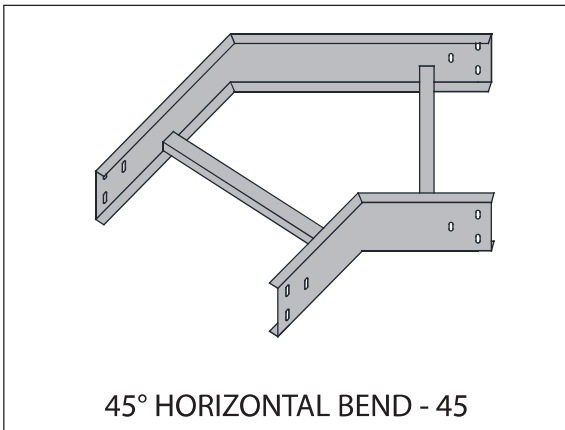
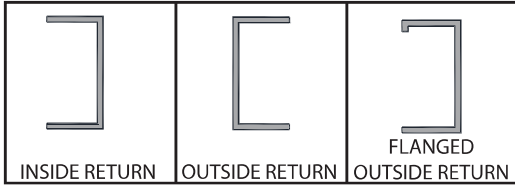
Product Code:

Cable Ladder - Intersection (CLI)

### \* Width

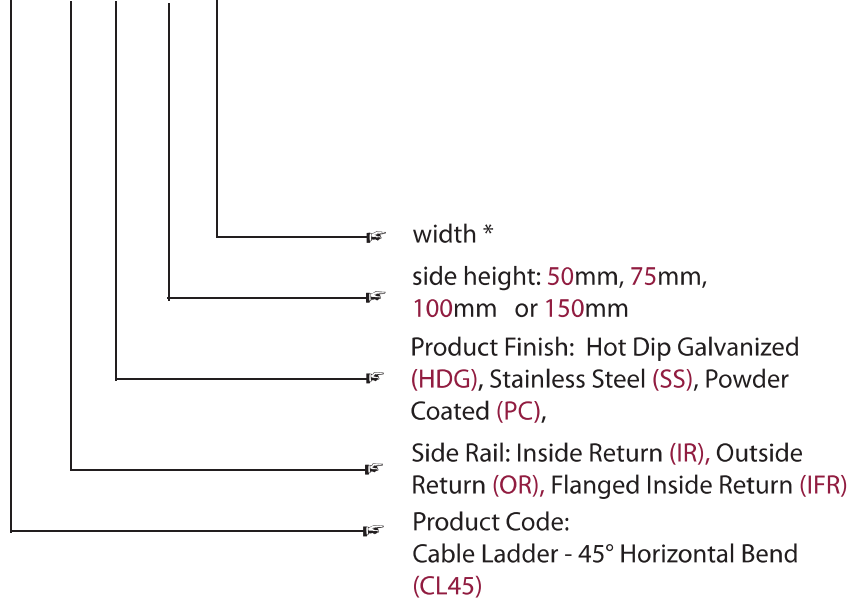
A – 50 mm	H – 450 mm
B – 100 mm	I – 500 mm
C – 150 mm	J – 600 mm
D – 200 mm	K – 700 mm
E – 250 mm	L – 800 mm
F – 300 mm	M – 900 mm
G – 400 mm	N – 1000 mm

## CABLE LADDER FITTINGS



### ORDER CODE:

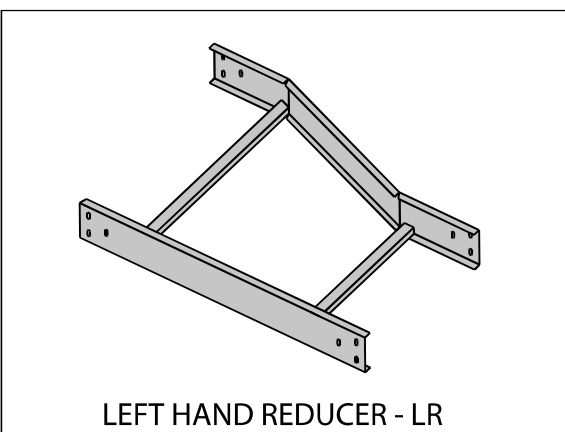
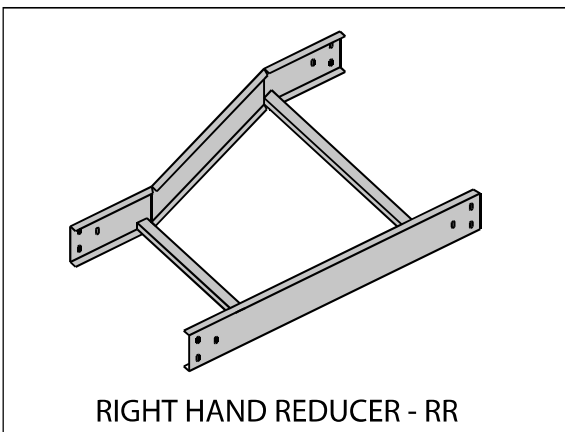
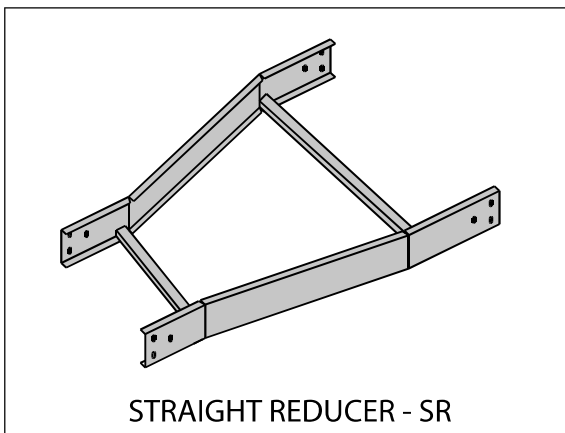
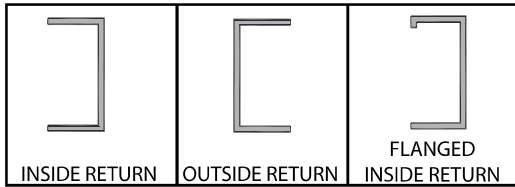
CL45 IR SS 50 A



* Width	
A – 50 mm	H – 450 mm
B – 100 mm	I – 500 mm
C – 150 mm	J – 600 mm
D – 200 mm	K – 700 mm
E – 250 mm	L – 800 mm
F – 300 mm	M – 900 mm
G – 400 mm	N – 1000 mm

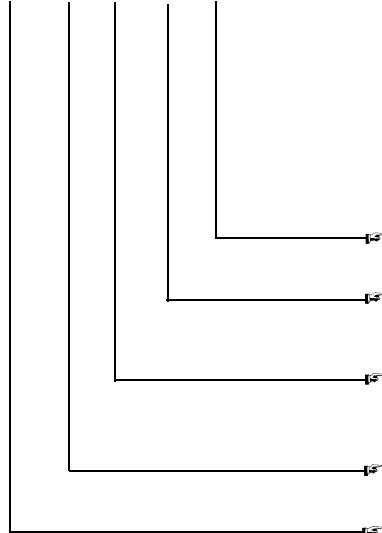
# CABLE LADDER

## CABLE LADDER FITTINGS



### ORDER CODE:

CLSR IR SS 50 A



width \*

side height: 50mm, 75mm, 100mm or 150mm

Product Finish: Pre-Galvanized (GI), Hot Dip Galvanized (HDG), Stainless Steel (SS), Powder Coated (PC),

Side Rail: Inside Return (IR), Outside Return (OR), Flanged Inside Return (IFR)

Product Code:

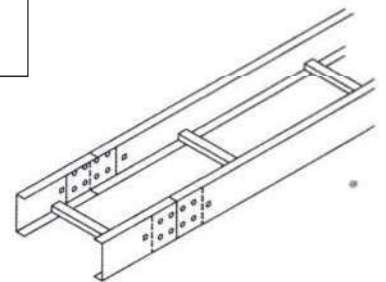
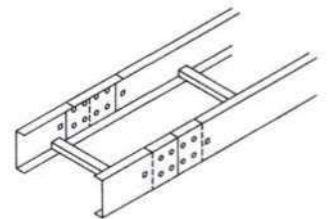
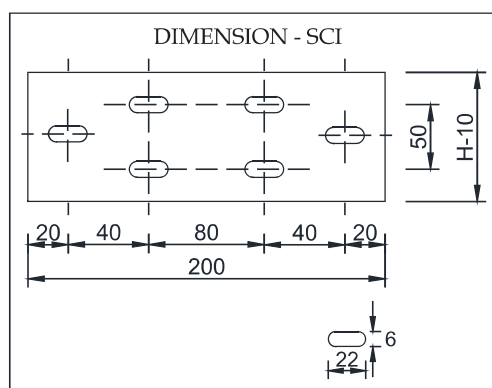
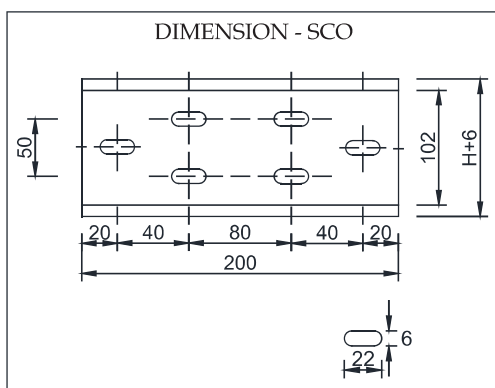
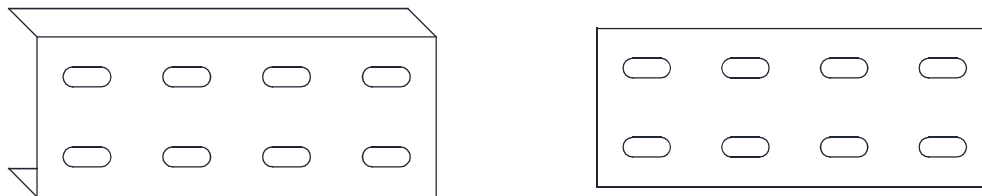
Cable Ladder - Straight Reducer (CLSR)

### \* Width

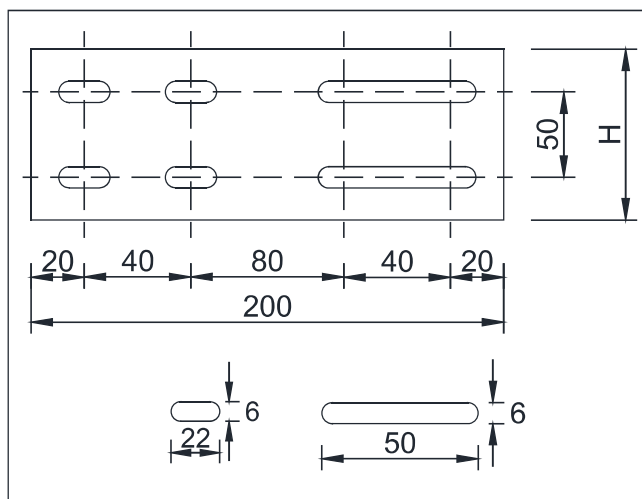
A – 50 mm	H – 450 mm
B – 100 mm	I – 500 mm
C – 150 mm	J – 600 mm
D – 200 mm	K – 700 mm
E – 250 mm	L – 800 mm
F – 300 mm	M – 900 mm
G – 400 mm	N – 1000 mm

# CABLE LADDER - ACCESSORIES

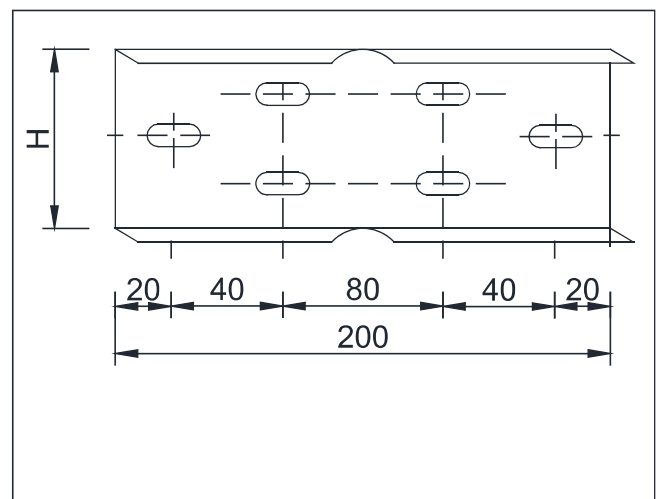
## JOINT CONNECTOR



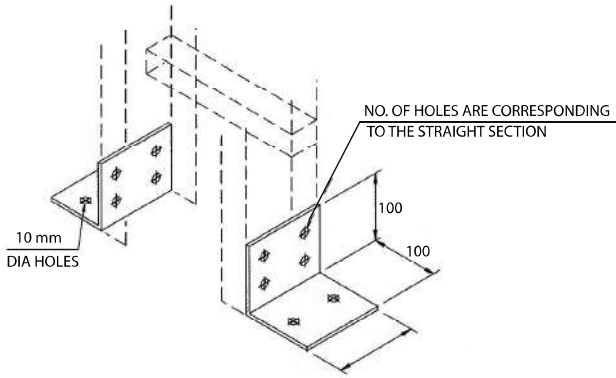
## JOINT CONNECTOR EXPANSION SPLICE PLATE



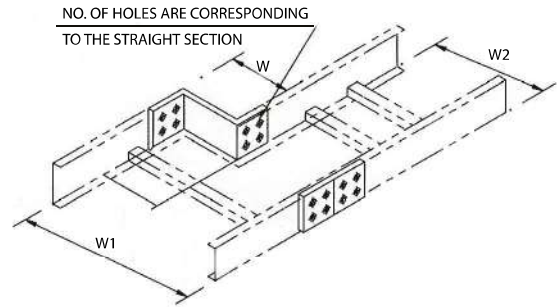
## HORIZONTAL BENDABLE CONNECTOR



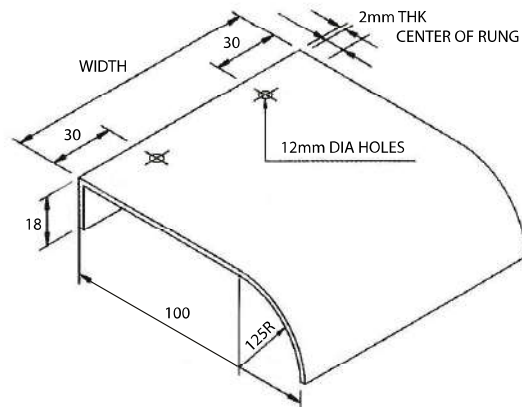
BOX ANGLE CONNECTOR



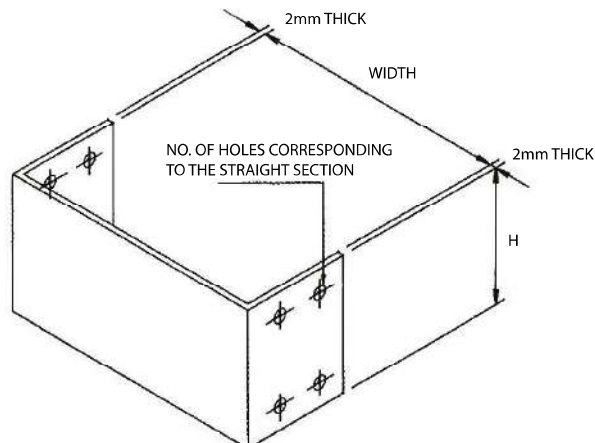
OFFSET REDUCER PLATE



DROP OUT

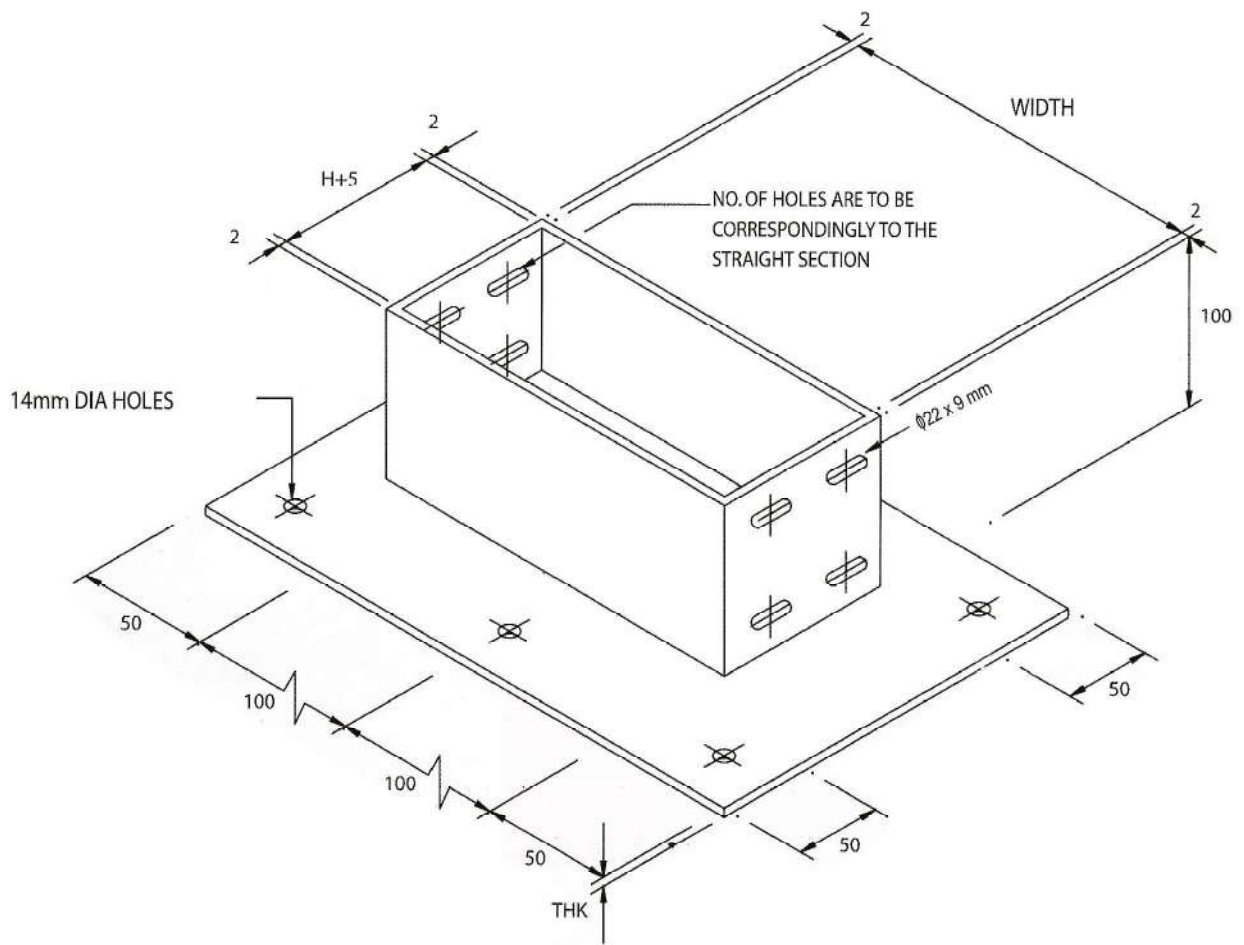


BLIND END

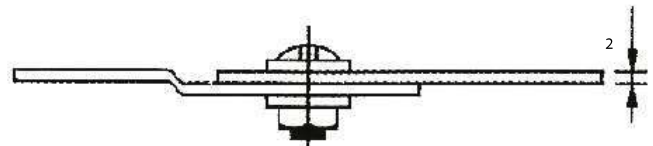
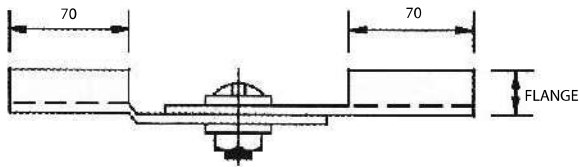
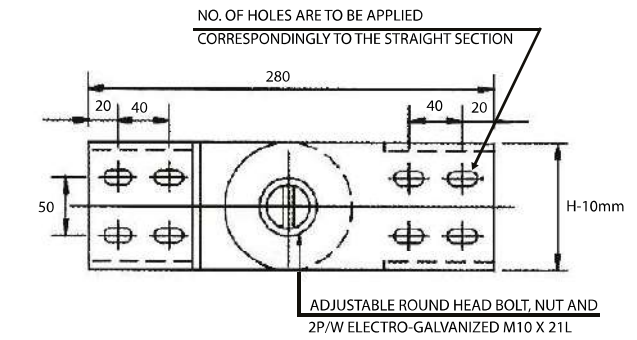
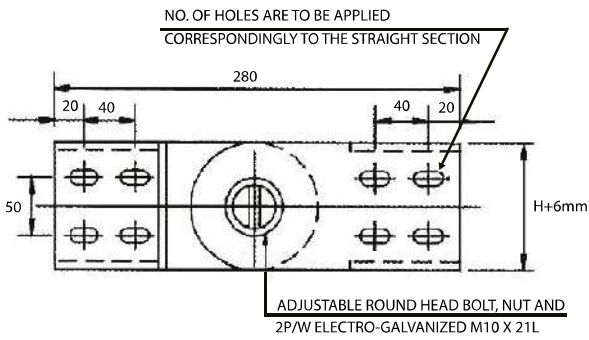
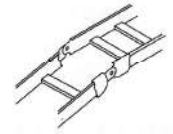




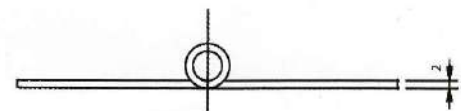
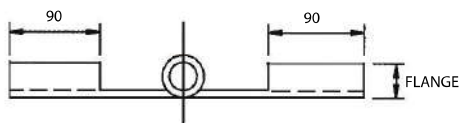
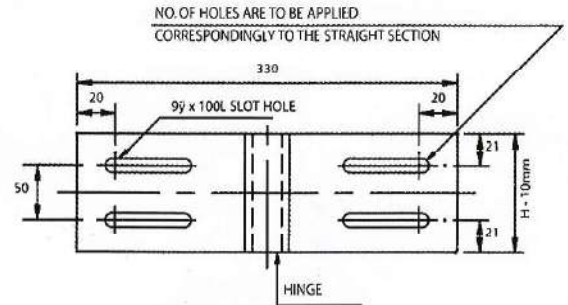
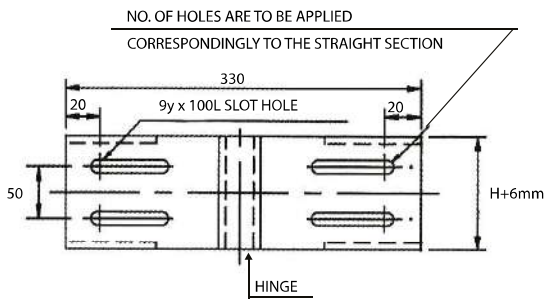
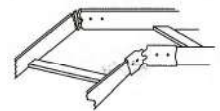
BOX CONNECTOR



**RISER CONNECTOR**



**BENDING CONNECTOR**



## BASKET TRAY RUNS



### SPECIFICATIONS

#### Materials Used:

##### **Hot Dip Galvanized:**

BS EN ISO 1461:1999 -  
revised standard of BS 729:1971  
ASTM A 123

##### **Stainless Steel:**

BS EN 10088-2-1 / 4301  
AISI 304, 2B finish

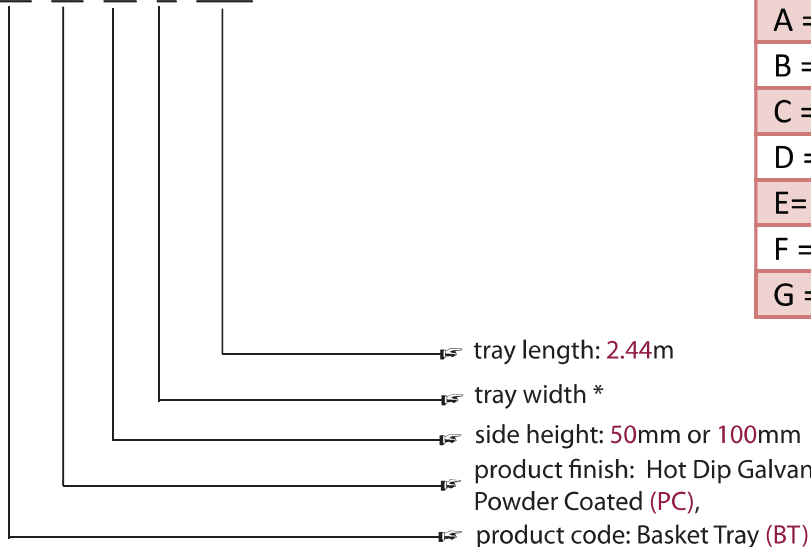
##### **Powder Coated:**

BS EN 13438: 2005

Side Height (mm)	Width (mm)	Length (m)
50 & 100	100	2.44
	150	
	200	
	250	
	300	
	400	
	450	
	500	
	600	
	700	
	800	
900		
1000		

### ORDER CODE:

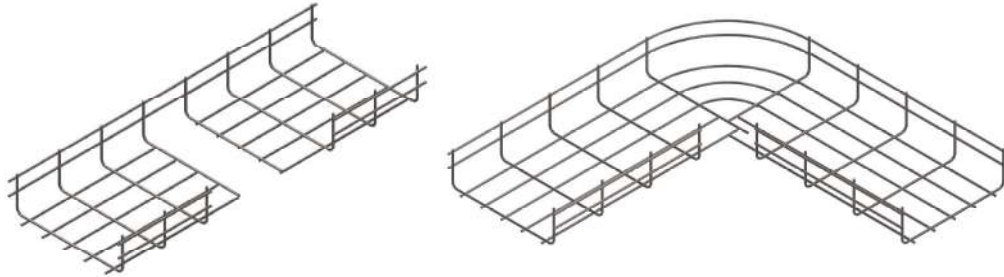
BT SS 50 A 2.44



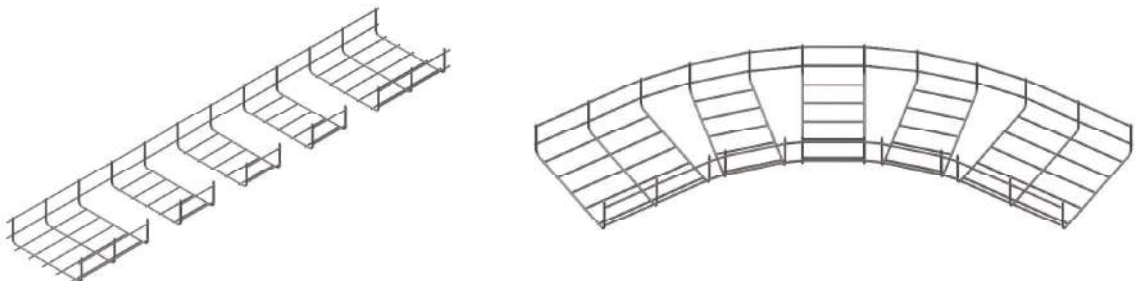
#### \*Tray Width

A = 100 mm	H = 500 mm
B = 150 mm	I = 600 mm
C = 200 mm	J = 700 mm
D = 250 mm	K = 800 mm
E = 300 mm	L = 900 mm
F = 400 mm	M = 1000 mm
G = 450 mm	

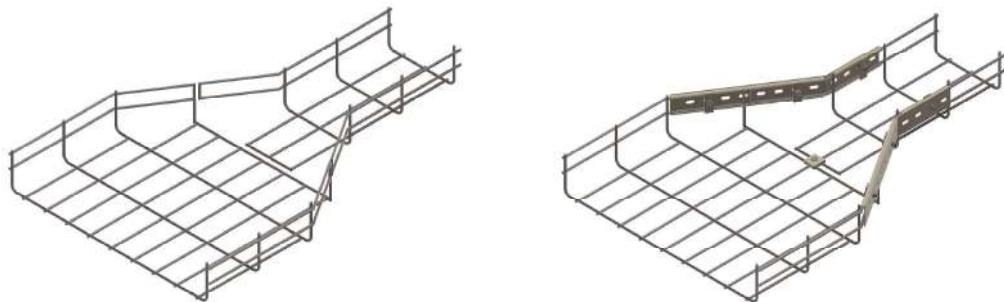
BASKET TRAY FITTINGS AND ACCESSORIES



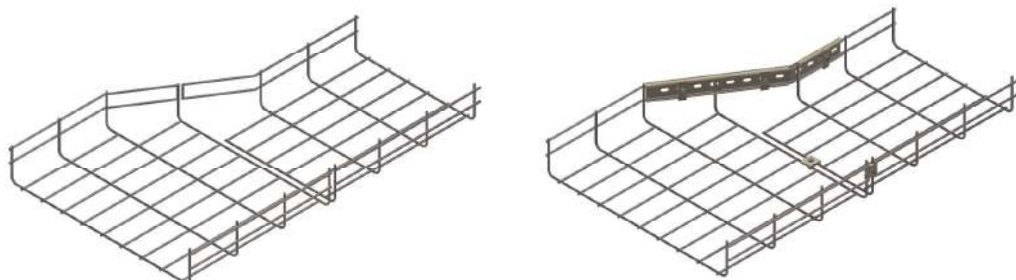
90° HORIZONTAL BEND (SHORT RADIUS)



90° HORIZONTAL BEND (LONG RADIUS)

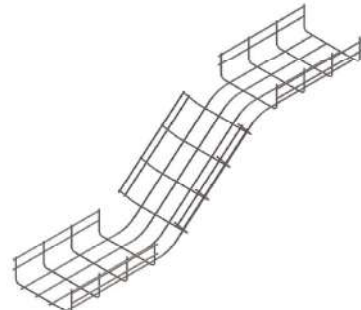
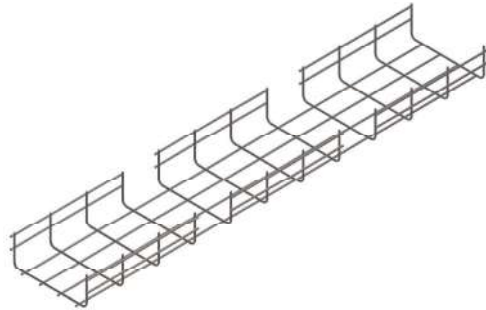


STRAIGHT REDUCER

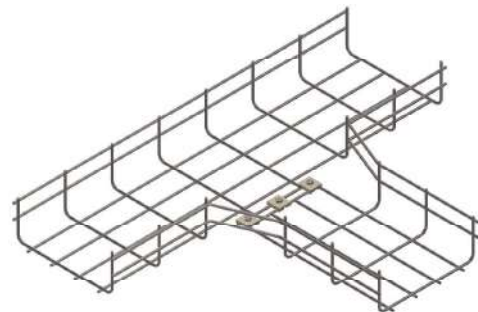
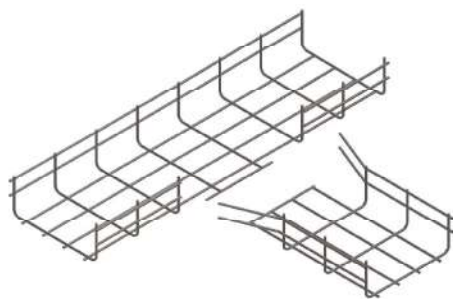


LEFT AND RIGHT HAND REDUCER

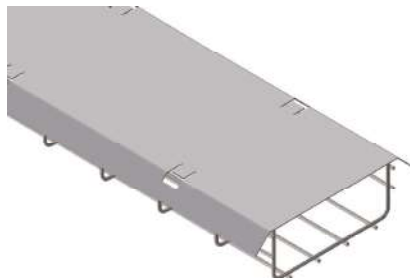
BASKET TRAY FITTINGS AND ACCESSORIES



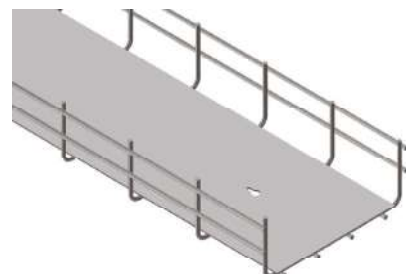
VERTICAL INSIDE AND OUTSIDE BEND



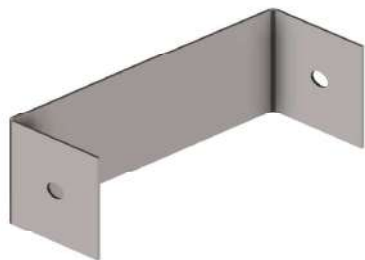
HORIZONTAL TEE AND CROSSES



COVER



SOLID BOTTOM INSERT



END PLATE

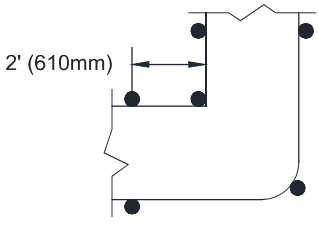
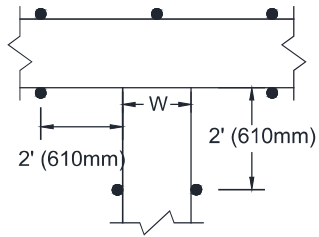
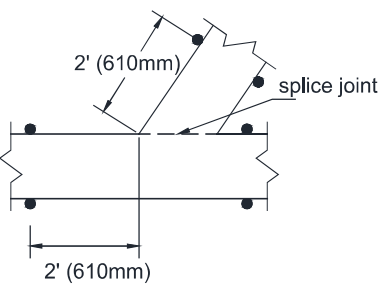
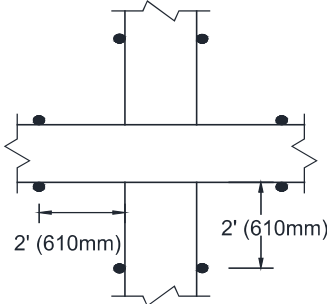
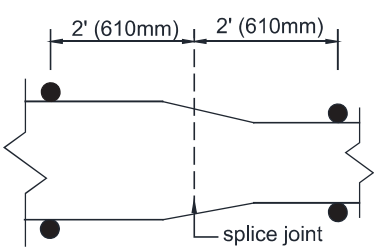
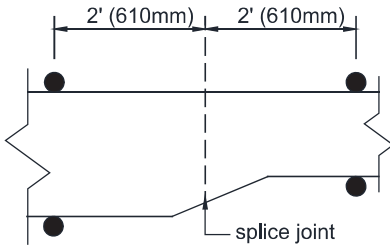
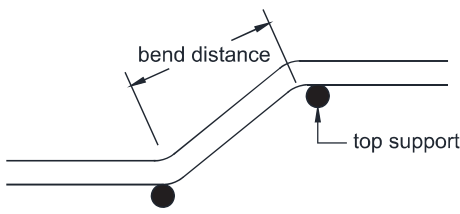


STRUT CHANNEL



## BASKET TRAY

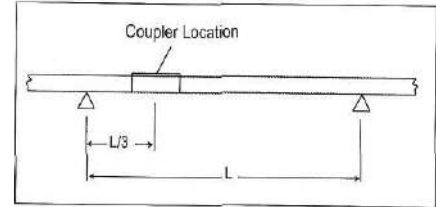
### RECOMMENDED SUPPORT LOCATIONS FOR FABRICATED BASKET TRAY FITTINGS

 <p><b>Horizontal Elbow Support</b></p> <p>Inside corner supports are not required on 90° short radius bends</p>	 <p><b>Horizontal Tee Support</b></p> <p>On 24" wide items, one support may be placed at the mid-point of the back span as illustrated</p>
 <p><b>Horizontal "Y" Support</b></p> <p>On 24" wide items, recommended distance is 1 ft 6 in (457mm) from splice connection</p>	 <p><b>Horizontal Cross Support</b></p> <p>On 24" wide items, recommended distance is 1 ft 6 in (457mm) from splice connection</p>
 <p><b>Straight Reducer Support</b></p> <p>Place reducer supports within 2ft (610mm) of each splice connection</p>	 <p><b>Left / Right Reducer Support</b></p> <p>Place reducer supports within 2ft (610mm) of each splice connection</p>
 <p><b>Vertical Elbows</b></p> <p>Support vertical elbows at top support location. Bend distances of 4 ft. (1219mm) and over should be supported at each end as illustrated</p>	

## INSTALLATION

### (a) Tray Connectors Location:

The connectors should not be located at the supporting point (high shear stresses area), the best location of connection is about  $(L/3)$  as shown in drawing.



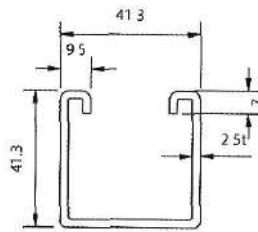
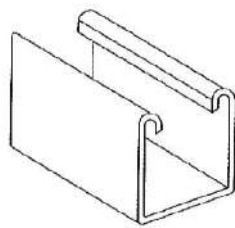
### (a) Cable Trays Supporting System:

1 - Threaded Rod with Channels:

This is the most common supporting system; EXMET provides complete system of supporting:

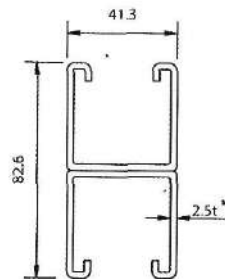
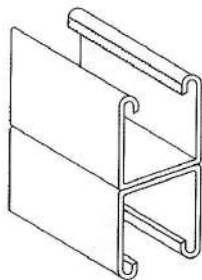
Item:	C-Channel	Threaded Rod	Drop In Anchor
Sizes Available	41 x 41, thickness 2 or 2.5mm 21 x 41, thickness 2 or 2.5mm	M8 8mm diameter	M8
Material	Galv. Steel / Hot dip Galv. Steel / Stainless Steel / Powder Coated Steel	Electro Galvanized / Stainless Steel	Electro Galvanized / Stainless Steel
Length	3M (standard) (Other length can be arranged)	3M (standard) (Other length can be arranged)	50mm

## STRUT CHANNELS



SIZES	41 X 41
	41 X 21

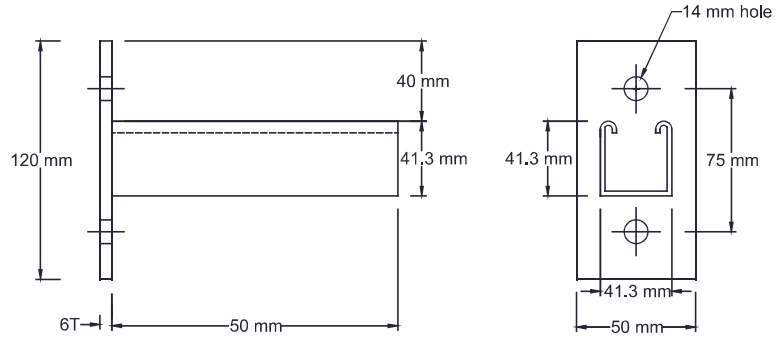
SINGLE TYPE (PLAIN / SLOTTED)



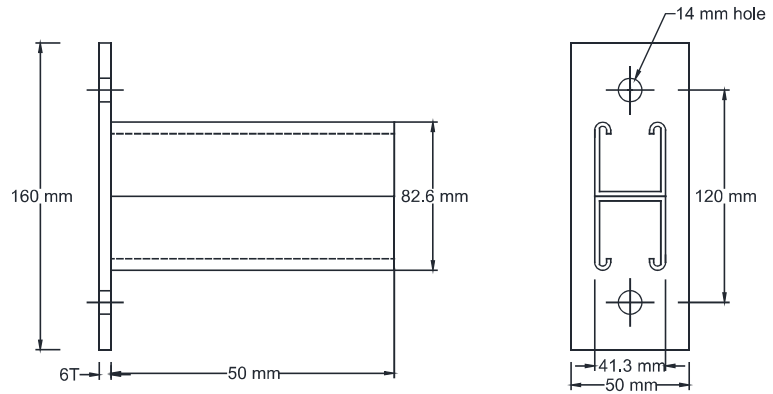
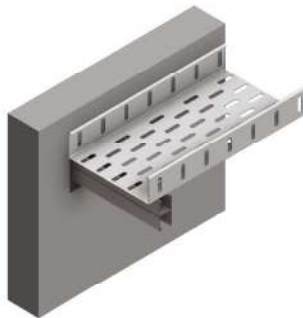
DOUBLE TYPE (PLAIN / SLOTTED)

## CHANNEL BRACKETS

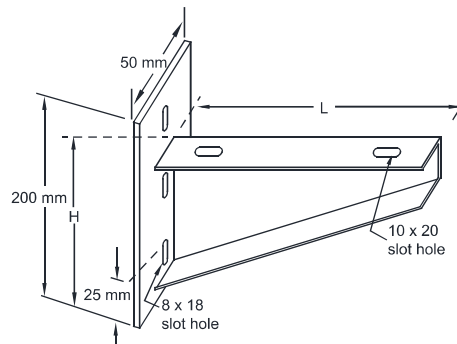
### Wall Mount



*Single Channel Bracket*

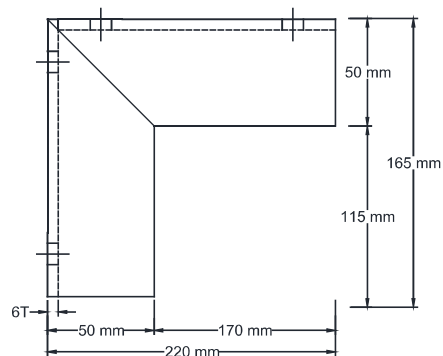


*Double Channel Bracket*



For Cable Tray Width (mm)	L (mm)	H (mm)
100	110	120
200	210	120
300	310	120
400	410	150
500	510	150
600	610	150

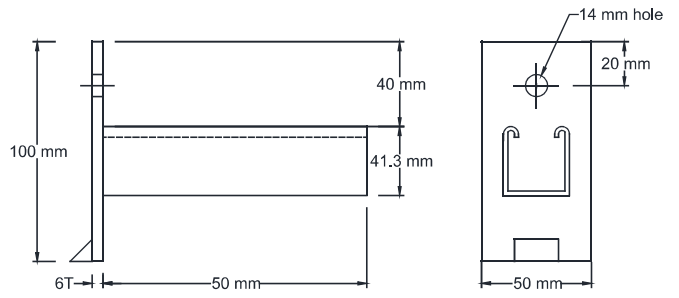
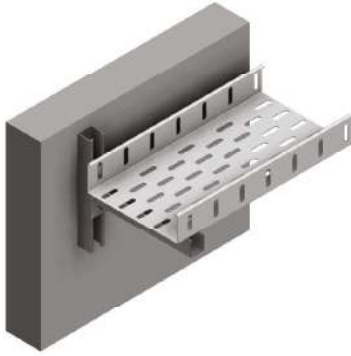
*Cantilever Bracket*



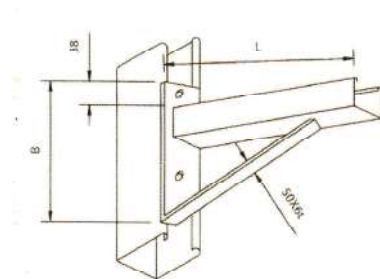
*Angle Bracket*

## CHANNEL BRACKETS

### Strut Support

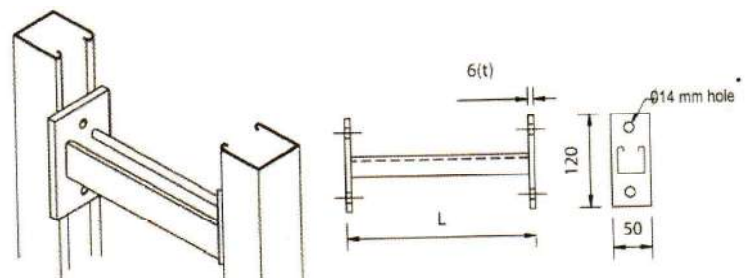


### Adjustable Single Channel Bracket



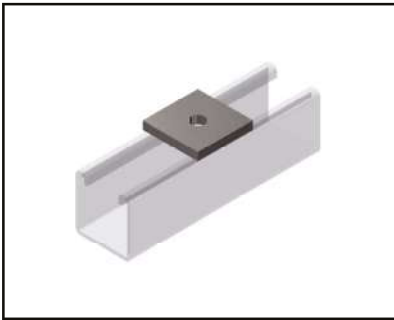
	L	H
RSCB-100	150	220
RSCB-200	200	220
RSCB-300	300	220
RSCB-400	450	250
RSCB-500	750	280
RSCB-600	900	280

### Reinforced Single Channel Bracket

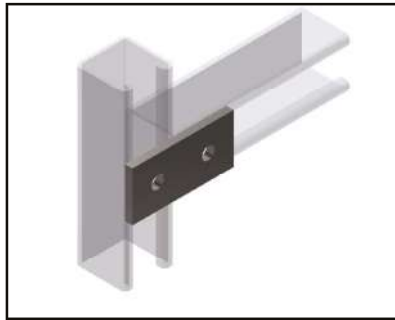


### 2 Plate Single Channel Bracket

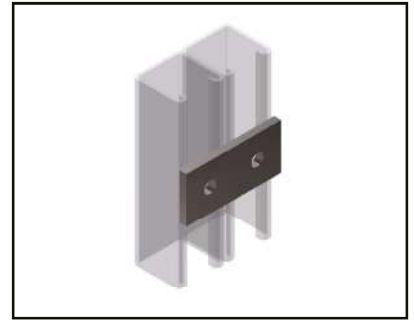
1-HOLE JOINT PLATE



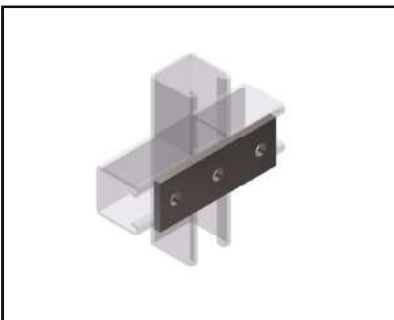
2-HOLE JOINT PLATE



2-HOLE JOINT PLATE



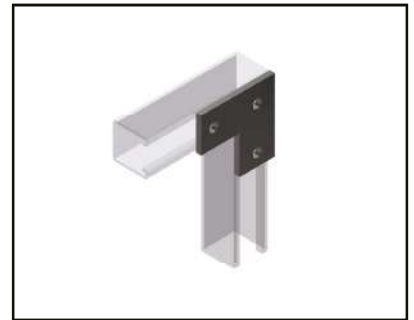
3-HOLE JOINT PLATE



4-HOLE JOINT PLATE



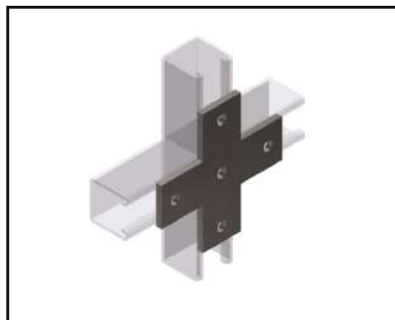
3-HOLE JOINT PLATE



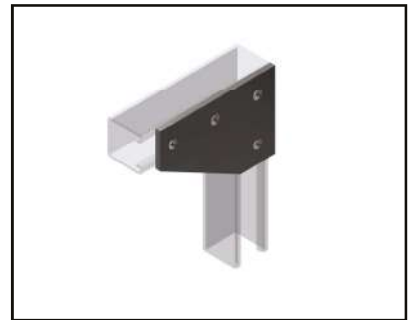
4-HOLE TEE PLATE



5-HOLE CROSS PLATE



4-HOLE CORNER PLATE



2-HOLE ANGLE FITTING



2-HOLE ANGLE FITTING



2-HOLE ANGLE PLATE





3-HOLE ANGLE FITTING



3-HOLE ANGLE FITTING



4-HOLE ANGLE FITTING



2-HOLE ANGLE FITTING



4-HOLE ANGLE FITTING



2-HOLE ANGLE FITTING



4-HOLE ANGLE FITTING



5-HOLE SINGLE WING FITTING



2-HOLE SINGLE WING FITTING



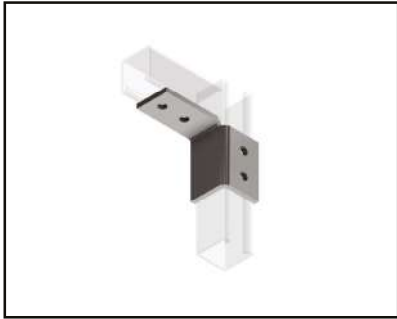
2-HOLE SINGLE WING FITTING



4-HOLE SINGLE WING FITTING



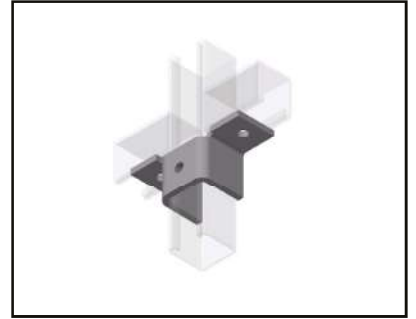
4-HOLE SINGLE WING FITTING



5-HOLE SINGLE WING FITTING



3-HOLE DOUBLE WING FITTING



3-HOLE DOUBLE WING FITTING



4-HOLE DOUBLE WING FITTING



6-HOLE DOUBLE WING FITTING



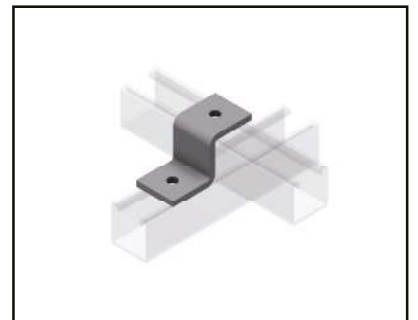
“U” SUPPORT (DOUBLE)



“U” SUPPORT (SINGLE)



2-HOLE Z - SUPPORT



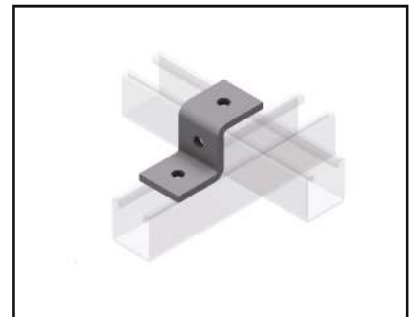
4-HOLE SHELF BRACKET



4-HOLE SHELF BRACKET



3-HOLE Z - SUPPORT



BRACE BRACKET



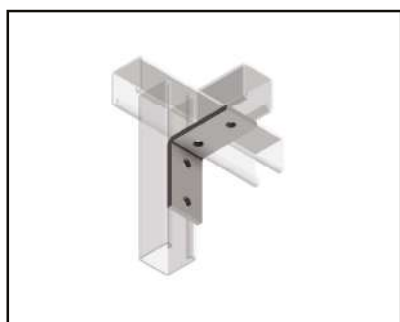
12-HOLE DOUBLE WING FITTING



6-HOLE DOUBLE WING FITTING



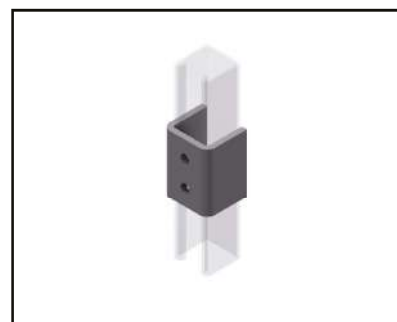
4-HOLE ANGLE FITTING



4-HOLE ANGLE FITTING



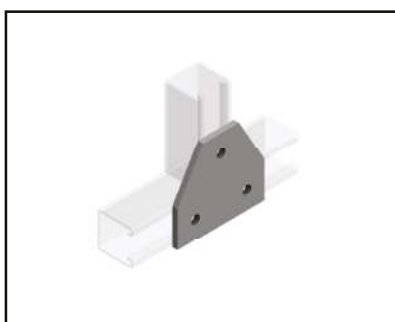
2-HOLE JOINT U-PLATE



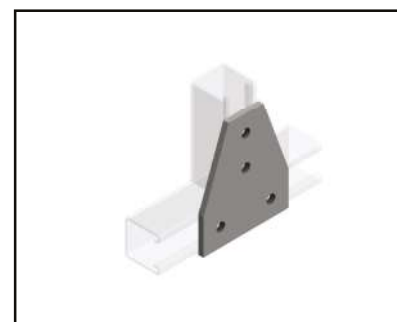
4-HOLE ANGLE FITTING



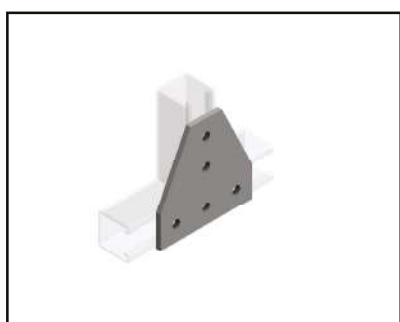
3-HOLE TEE PLATE



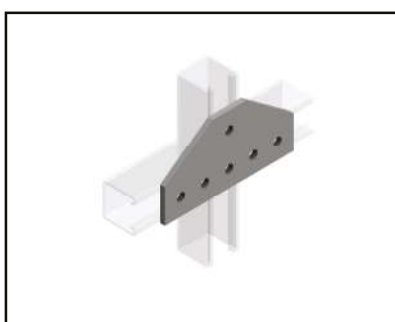
4-HOLE TEE PLATE



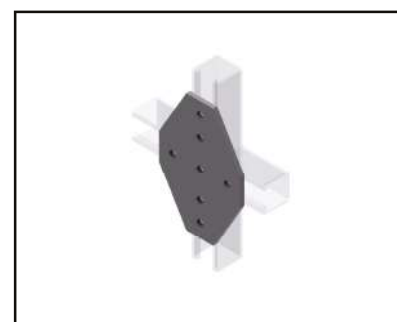
5-HOLE TEE PLATE



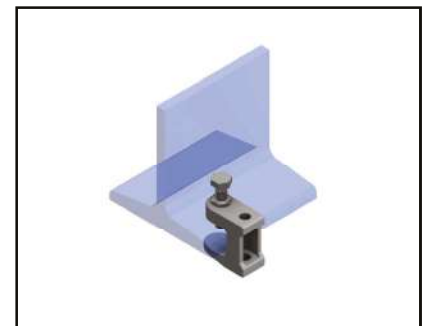
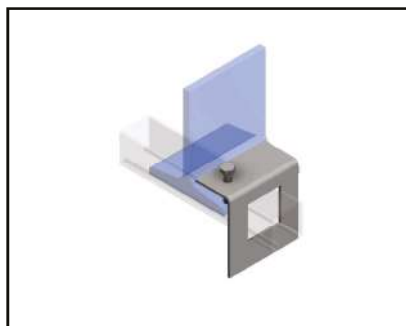
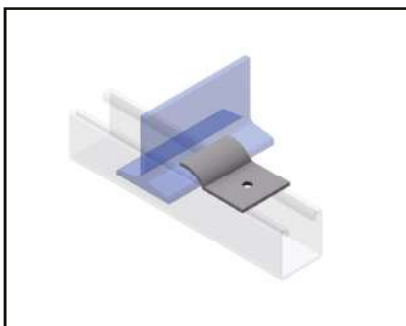
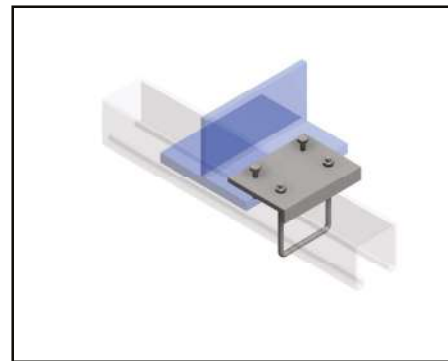
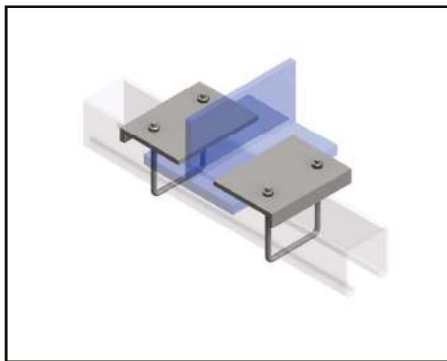
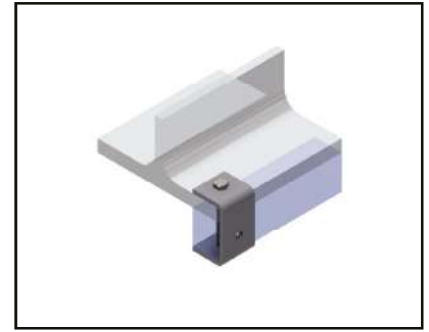
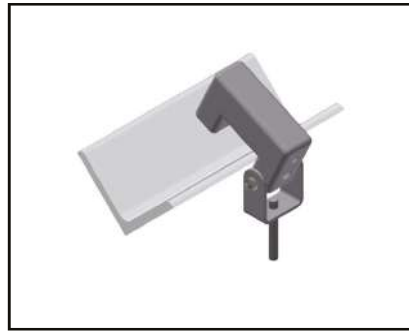
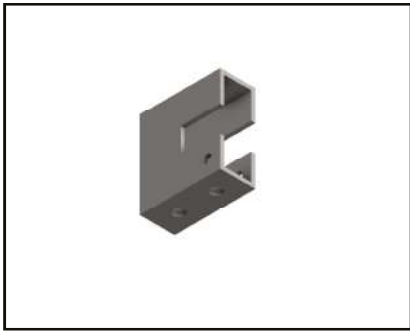
6-HOLE CROSS PLATE



7-HOLE CROSS PLATE



## BEAM CLAMP



## CHANNEL SPRING NUT

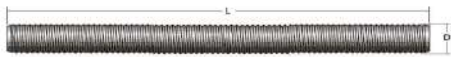


Diameter (mm)
6
8
10
12
16

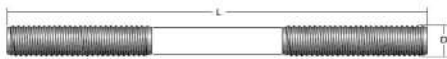
## CHANNEL NUT



## THREADED ROD



FULL THREADED ROD



BOTH ENDS THREADED ROD

Diameter (mm)	Length (m)	Grade
6	2 & 3	ASTM A 325
8		
10		
12		
16		

## THREADED ROD COUPLING



HEX HEAD BOLT



PAN HEAD MACHINE SCREWS



GROOVED HEX-HEAD BOLT



TAPERED HEX-HEAD BOLT



SHANK BOLT



SQUARE NUT



HEXAGONAL NUT



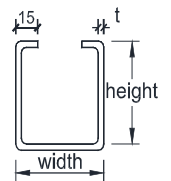
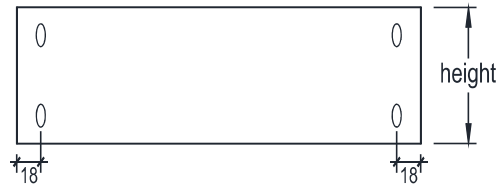
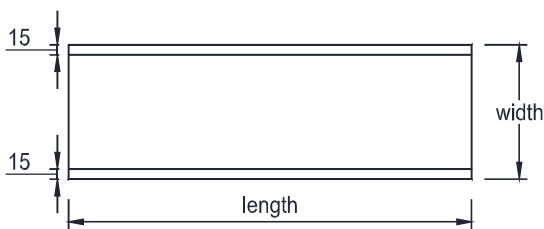
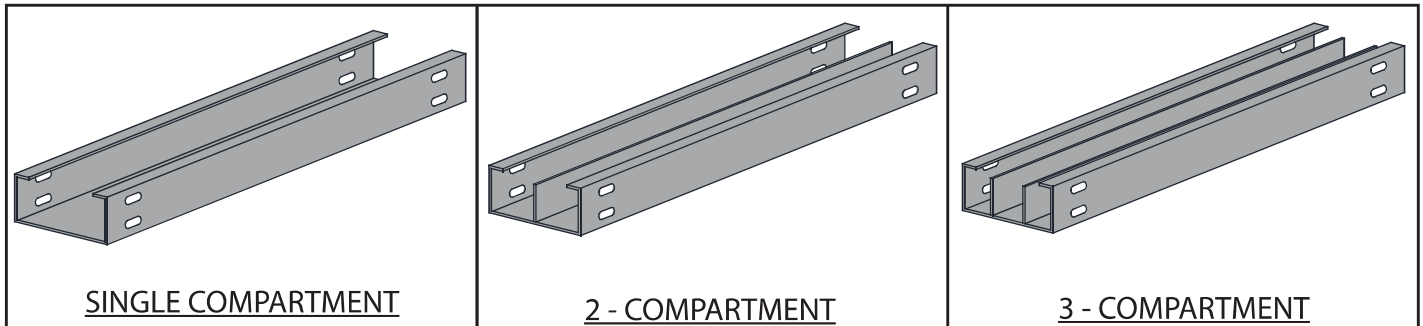
FLAT WASHER



SPRING WASHER



## CABLE TRUNKING RUNS



## SPECIFICATIONS:

### CABLE TRUNKING

BS 4678: 1971 - Cable Trunking

### Materials Used:

#### PRE-GALVANIZED STEEL

ASTM A 653 - 94 LFQ, G90 (equivalent to ASTM A527 G90)

BS EN 10346 - DX 51D +Z275 (formerly BS EN 10327 and BS EN 10326, Z2, zinc coating 275 gm/m<sup>2</sup>)

#### HOT-DIP GALVANIZED (after fabrication)

ASTM A 123, ASTM A 153

BS EN ISO 1461: 2009 (formerly BS 729: 1971), zinc coating not less than 335 gm /m<sup>2</sup>

#### STAINLESS STEEL

AISI 304, 2-B finish (other grades such as 316-L can be arranged)

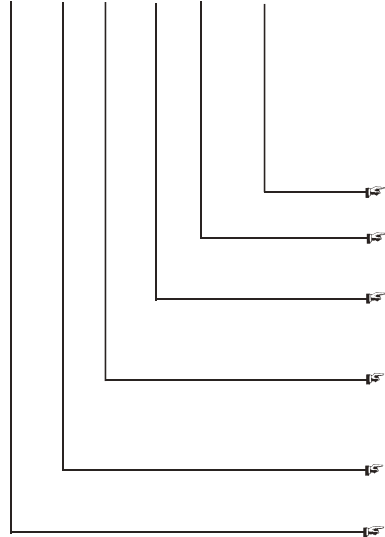
#### POWDER COATING

BS EN 13438:2005 - Paints and Varnishes - Powder Organic Coating (formerly BS 6497: 1984)



## ORDER CODE:

CL 1C SS 50 A 2.44



length: 2.44m and 3.00m  
 width \*  
 side height: 50mm, 75mm, 100mm or 150mm  
 Product Finish: Pre-Galvanized (GI), Hot Dip Galvanized (HDG), Stainless Steel (SS), Powder Coated (PC),  
 Compartment: Single Compartment (1C), Two Compartment (2C), Three Compartment (3C)  
 Product Code: Cable Trunking (CTR)

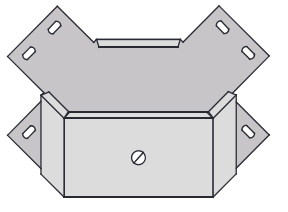
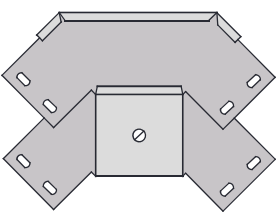
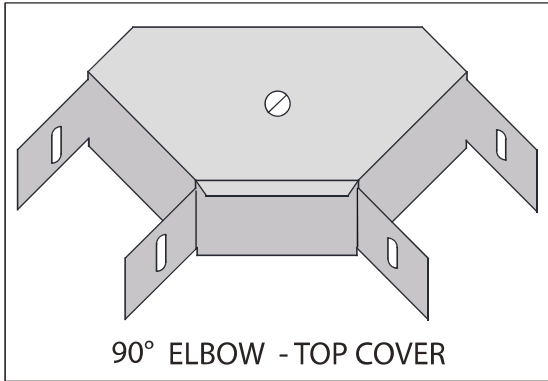
* Trunking Width	
A – 38 mm	E – 150 mm
B – 50 mm	F – 200 mm
C – 75 mm	G – 225 mm
D – 100 mm	H – 300 mm

## SIZES AVAILABLE

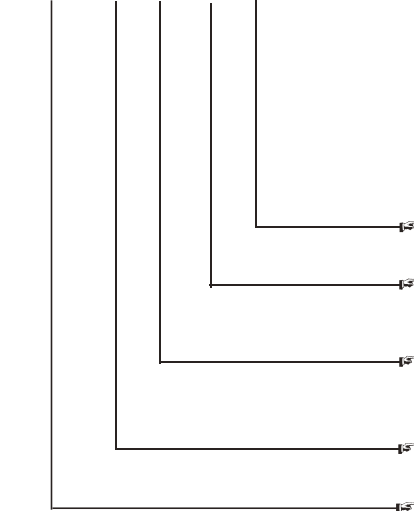
Trunking External Dimensions (w x h) (mm)	Minimum Nominal Thickness of Body with return Flange (mm)	Minimum Nominal Thickness of Body Without Return Flange (mm)	Minimum Nominal Thickness of Cover (mm)	Length (m)
38 x 38	1.0	1.0	1.0	2.44 and 3.0
50 x 38	1.0	1.0	1.0	
50 x 50	1.0	1.0	1.0	
75 x 50	1.2	1.2	1.2	
75 x 75	1.2	1.2	1.2	
100 x 50	1.2	1.2	1.2	
100 x 75	1.2	1.2	1.2	
100 x 100	1.2	1.2	1.2	
150 x 50	1.2	1.4	1.2	
150 x 75	1.2	1.4	1.2	
150 x 100	1.2	1.4	1.2	
150 x 150	1.4	1.6	1.2	
200 x 100	1.6	-	1.4	
225 x 50	1.6	-	1.4	
225 x 75	1.6	-	1.4	
225 x 100	1.6	-	1.4	
225 x 150	1.6	-	1.4	
225 x 225	1.6	-	1.4	
300 x 50	1.6	-	1.4	
300 x 75	1.6	-	1.4	
300 x 100	1.6	-	1.4	
300 x 150	1.6	-	1.4	
300 x 300	2.0	-	1.6	

Table 1 - Sizes, body and cover thickness and preferred lengths as per BS 4678-1:1971  
 \* Other sizes can be arranged

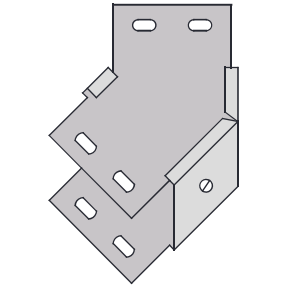
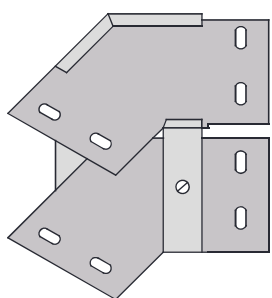
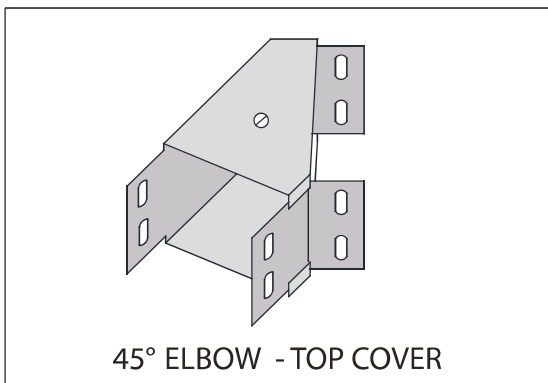
## CABLE TRUNKING FITTINGS



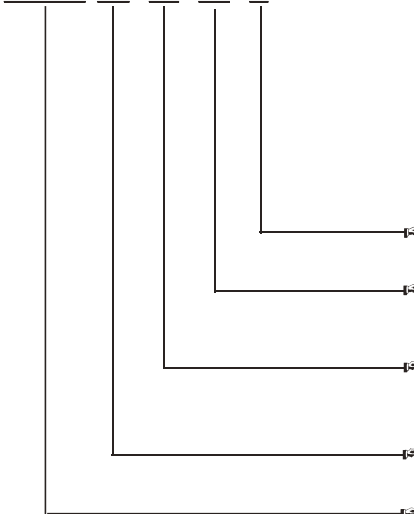
**ORDER CODE:**  
CTR90 TC SS 50 A



width \*  
side height: 50mm, 75mm, 100mm or 150mm  
Product Finish: Pre-Galvanized (GI), Hot Dip Galvanized (HDG), Stainless Steel (SS), Powder Coated (PC),  
Cover: Top Cover (TC), Inside Cover (IC), Outside Cover (OC)  
Product Code:  
Cable Trunking - 90° Vertical Elbow (CTR90)



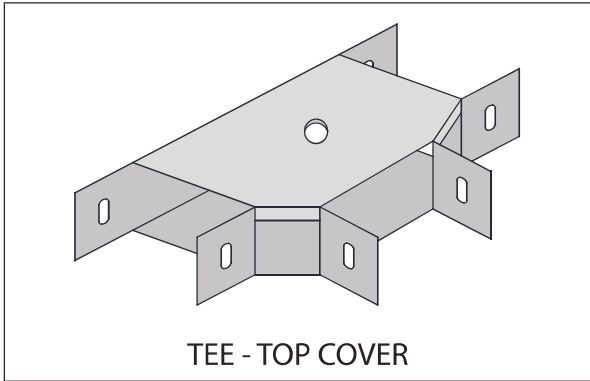
**ORDER CODE:**  
CTR45 TC SS 50 A



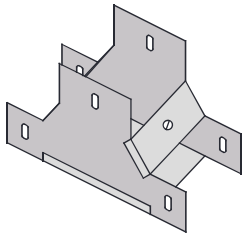
* Width	
A – 38 mm	E – 150 mm
B – 50 mm	F – 200 mm
C – 75 mm	G – 225 mm
D – 100 mm	H – 300 mm

width \*  
side height: 50mm, 75mm, 100mm or 150mm  
Product Finish: Pre-Galvanized (GI), Hot Dip Galvanized (HDG), Stainless Steel (SS), Powder Coated (PC),  
Cover: Top Cover (TC), Inside Cover (IC), Outside Cover (OC)  
Product Code:  
Cable Trunking - 45° Vertical Elbow (CTR45)

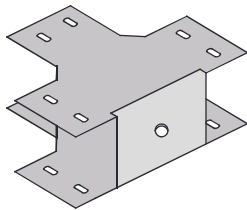
## CABLE TRUNKING FITTINGS



TEE - TOP COVER



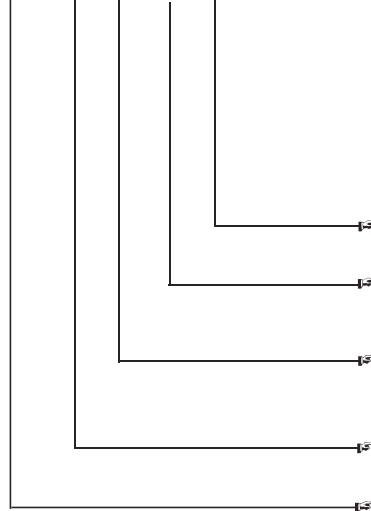
TEE - INSIDE COVER



TEE - OUTSIDE COVER

### ORDER CODE:

CTRT TC SS 50 A



width \*

side height: 50mm, 75mm, 100mm or 150mm

Product Finish: Pre-Galvanized (GI), Hot Dip Galvanized (HDG), Stainless Steel (SS), Powder Coated (PC),

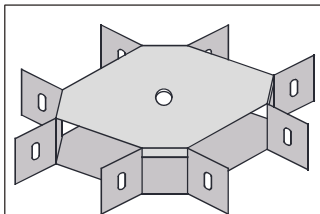
Cover: Top Cover (TC), Inside Cover (IC), Outside Cover (OC)

Product Code:

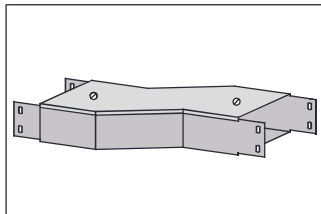
Cable Trunking - Tee (CTRT)

### \* Width

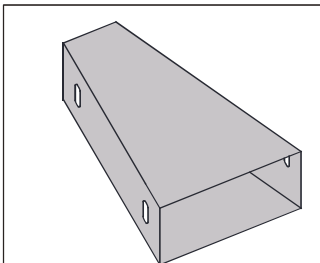
A – 38 mm	E – 150 mm
B – 50 mm	F – 200 mm
C – 75 mm	G – 225 mm
D – 100 mm	H – 300 mm



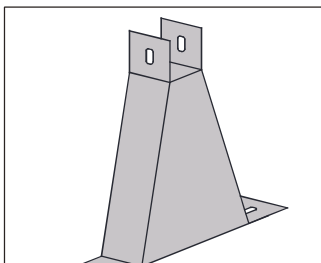
INTERSECTION - TOP COVER



OFFSET - O



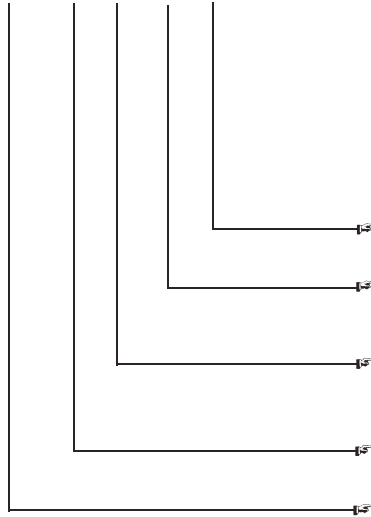
STRAIGHT REDUCER - SR



BELL MOUTH - BM

### ORDER CODE:

CTRI TC SS 50 A



width \*

side height: 50mm, 75mm, 100mm or 150mm

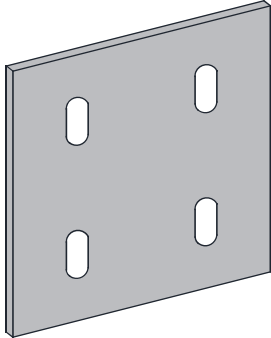
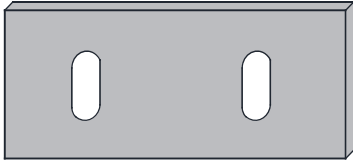
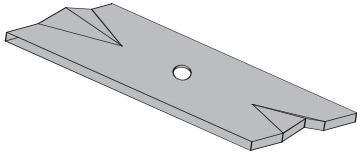
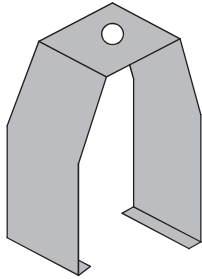
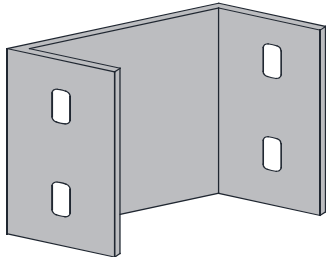
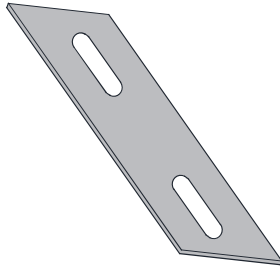

Product Finish: Pre-Galvanized (GI), Hot Dip Galvanized (HDG), Stainless Steel (SS), Powder Coated (PC),

Cover: Top Cover (TC), Inside Cover (IC), Outside Cover (OC)

Product Code:

Cable Trunking - Intersection (CTRI)

CABLE TRUNKING ACCESSORIES

 <p>COUPLER: for side height - 100mm and up</p>	 <p>COUPLER: for side height- 50mm</p>
 <p>COVER LOCK</p>	 <p>HANGING BRACKET</p>
 <p>END PLATE</p>	 <p>EARTH LINK</p>
 <p>FLOOR OUTLET BOX</p>	



Expanded Metal Manufacturing Co.

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