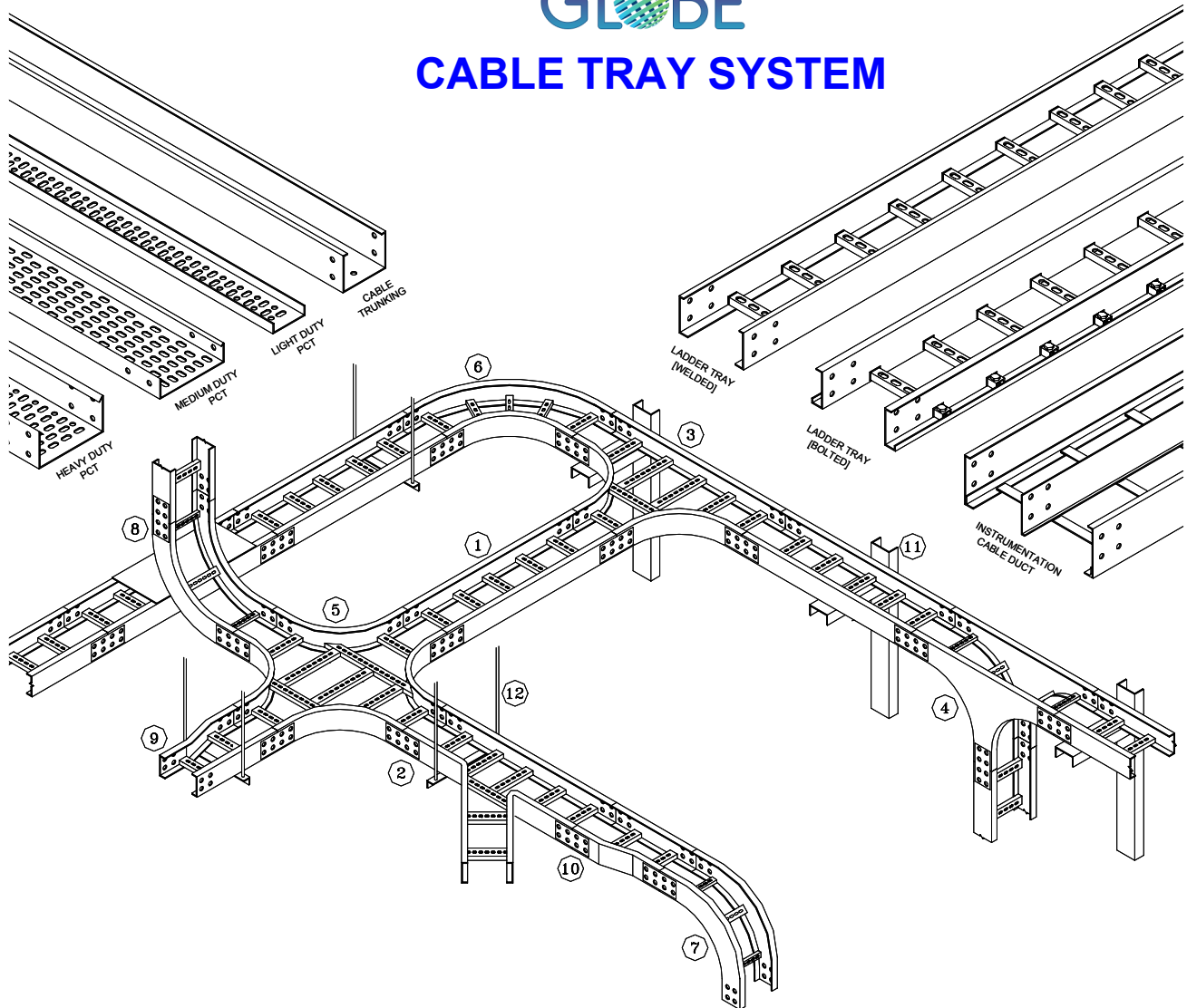


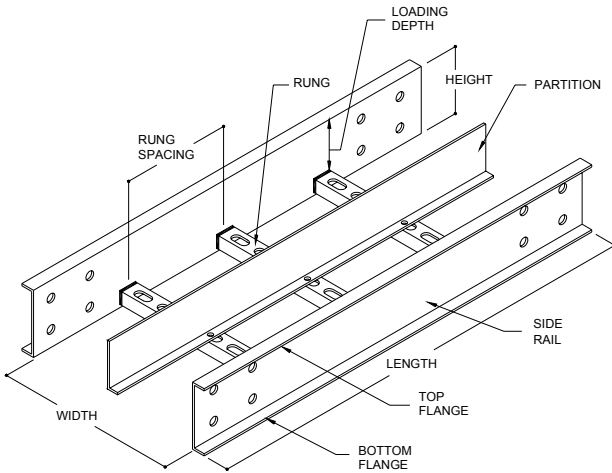
# GLOBE CABLE TRAY SYSTEM



- |                         |                                 |
|-------------------------|---------------------------------|
| (1) Straight Ladder     | (7) 90° Vertical Bend (Outside) |
| (2) 45° Y Branch        | (8) 90° Vertical Bend (Inside)  |
| (3) Horizontal Tee      | (9) Reducer (Right)             |
| (4) Vertical Tee        | (10) Reducer (Left)             |
| (5) Cross               | (11) Support (Cantilever)       |
| (6) 90° Horizontal Bend | (12) Support (Hanger)           |

**CABLE TRAY**

'Cable tray' is a formed metal section for supporting cables. It not only simplifies cable & piping installation, but also enables later additions or modifications without much re-work.



**CABLE TRAY SYSTEM**

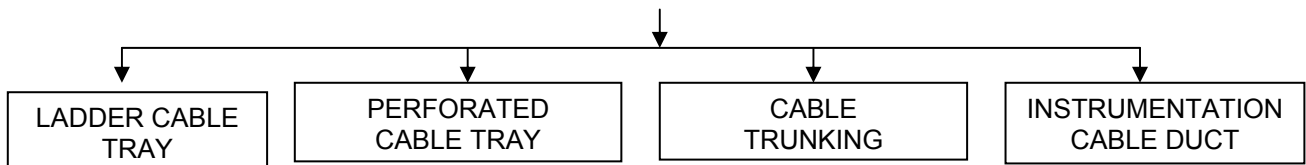
'Cable Tray System' is an assembly of formed metal sections, coupled together by splice plates to provide an economical and rigid structure for supporting a wide range of cables.

'GLOBE' Cable Tray System provides durability, neat appearance, high rigidity, security, and accessibility. 'GLOBE' Cable Tray System includes fittings, accessories and requisite hardware.

**ADVANTAGES OF CABLE TRAY SYSTEM**

- **Planning of Route**  
Cable route can be pre-planned and accordingly Cable Tray System can be pre-designed.
- **Adequate Ventilation**  
The cables need not be derated and dangerous gases are not trapped.
- **Space Utilization**  
Several runs of cable trays can be stacked above one another, thereby accommodating more cables in lesser space.
- **Longer Support Span**  
The system can be so designed that a fewer number of supports are required hence lower installation cost and time.
- **Easy Installation**  
The Cable Trays can be laid concurrently with mechanical piping work and the cables can then be simply pulled over the laid trays, with fewer chances of cable damage, after all the other works have been completed.
- **Easy Site Modification**  
Simple site modifications can be carried out on the trays with less re-Engineering.
- **Easy Accessibility for future modification.**  
Each cable circuit can be easily tagged & traced on the tray for any future additions/deletions.

**Our Range Of Cable Tray Systems**



MATERIAL : **Mild Steel**

**Aluminium**

**Stainless Steel**

FINISH : Pre Galvanised  
Hot dip Galvanized  
↳ (As per IS: 2629/BS:729/ASTM:123)  
Powder Coated/Painted  
PVC Coated  
FRP Lined

Self-finish  
Powder Coated/Painted  
PVC Coated

Self-finish

**We specialize in the manufacture of Tailor-made Cable Tray Systems, confirming to stringent National / International Standards, to the exact needs of the Customer.**

**PERFORATED CABLE TRAYS**

A formed metal section with perforated base and longitudinal side rails.

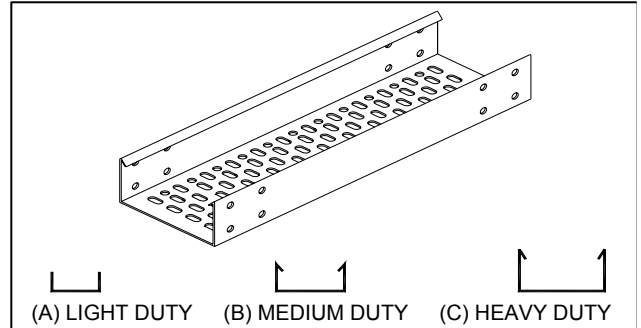
Duty Class	Light	Medium	Heavy
Wall Height	20	20 - 50	Above 50
Return Flange	-	8	15
Thickness	1.6	2	2.5 - 3

Length : Upto 3meters.

Width : 50 to 900mm.

Perforation pattern can be provided as per customer's requirement.

**PERFORATED CABLE TRAY**



**LADDER CABLE TRAYS**

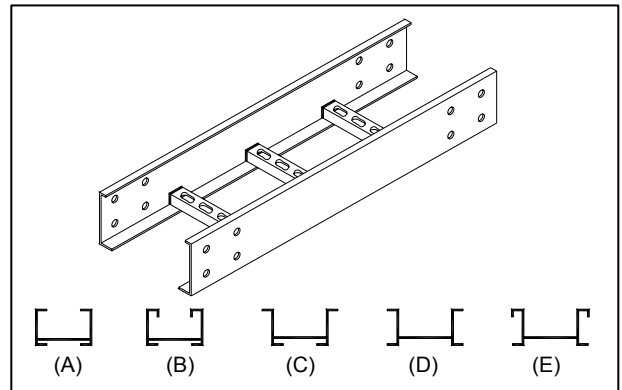
An assembly of formed metal longitudinal side rails connected by transverse members (rungs). The rungs are either welded or bolted to the side rails.

Duty Class	Light	Medium	Heavy
Wall Height	50	75	100
Return Flange	15	20	30
Thickness	1.6	2	2.5 - 3

Length : Upto 3meters

Width : 50 to 1200mm

**LADDER CABLE TRAY**



**CABLE TRUNKING**

A formed metal channel section having a non-ventilated bottom.

Usually, used for underfloor / concealed systems.

Trunking is provided with Cover.

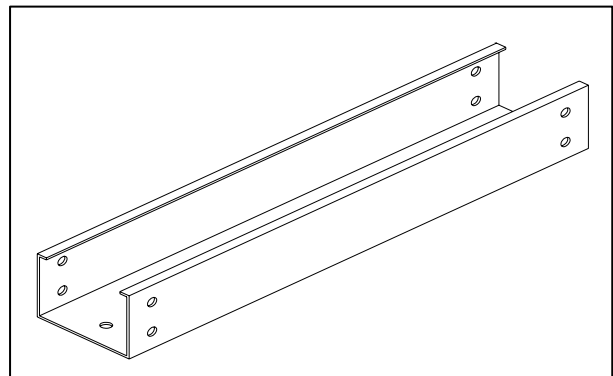
Knock-outs can be provided on the side-walls.

Duty Class	Light	Medium
Wall Height	50	70
Return Flange	10	10
Thickness	1.6	2

Length : Upto 3meters.

Width : 50 to 300mm.

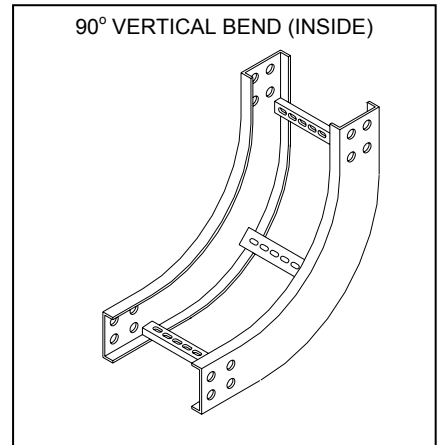
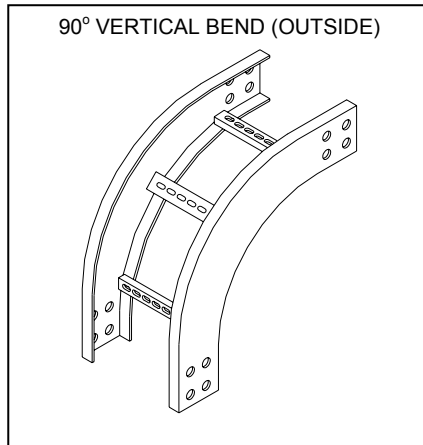
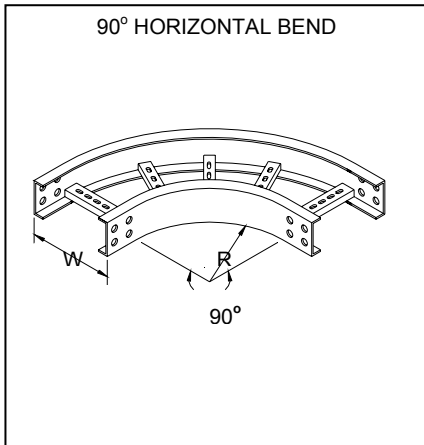
**CABLE TRUNKING**



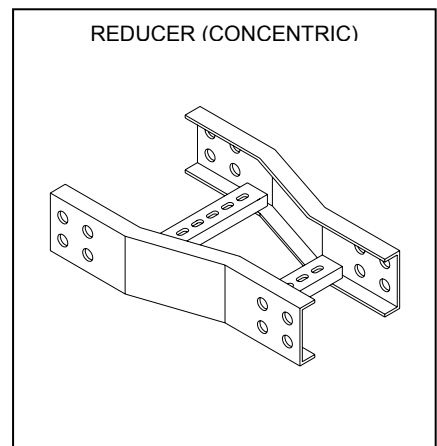
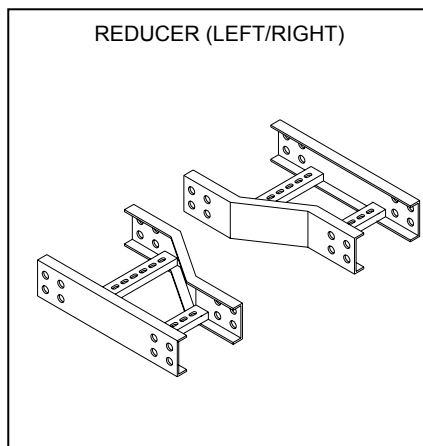
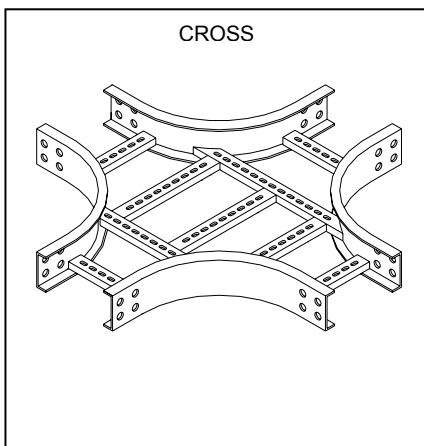
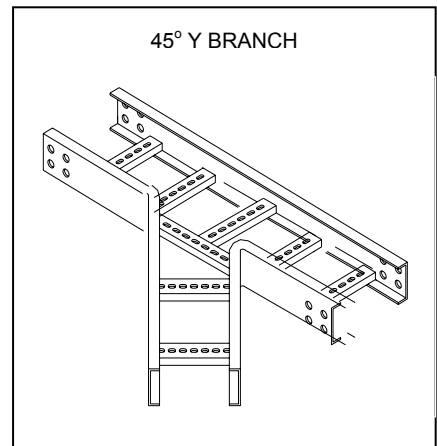
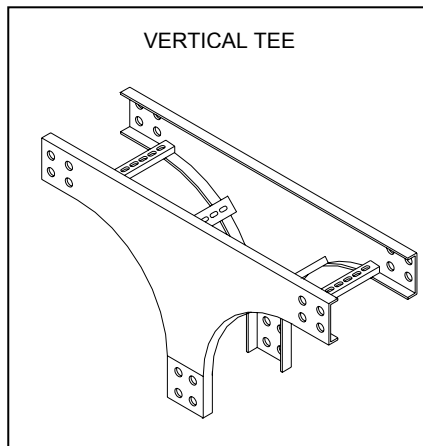
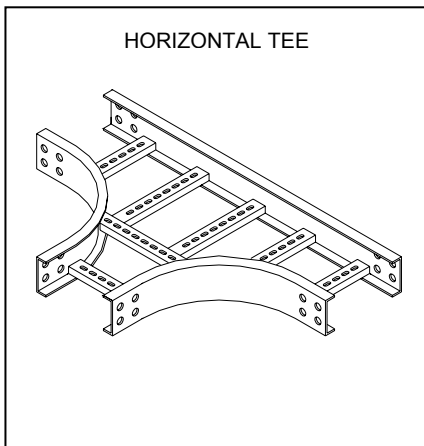
**FITTINGS**

Fittings are available to negotiate bends, corners and change of direction to complete a Cable Tray System.

**FITTINGS FOR LADDER CABLE TRAYS:**



The bends are also available in 30°, 45°, 60° and 120°.

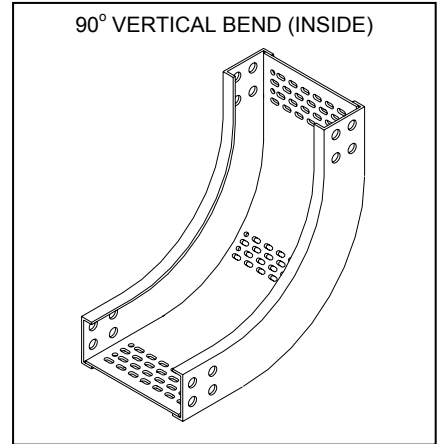
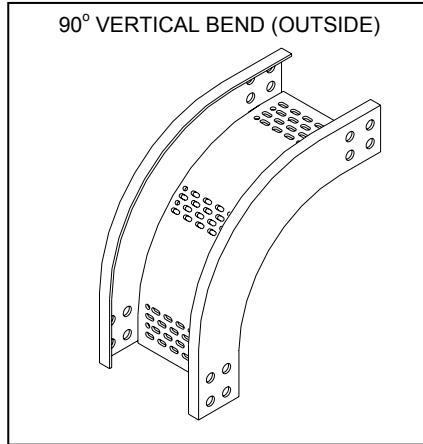
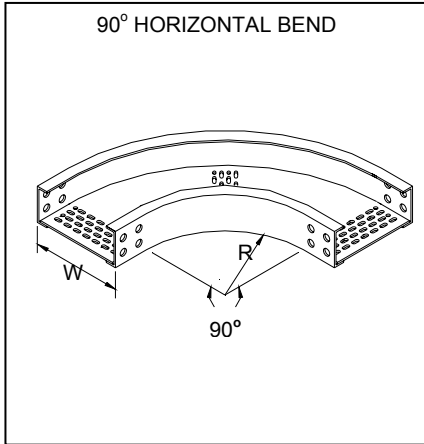


**Range:** Width ( W ) = 50 to 1200 mm  
Radius ( R ) = 300 to 1000 mm

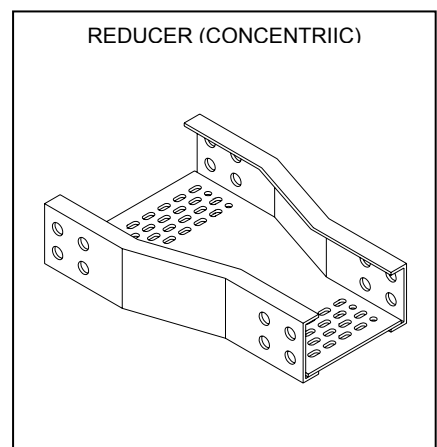
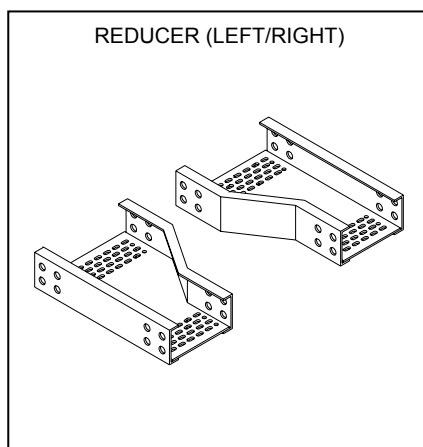
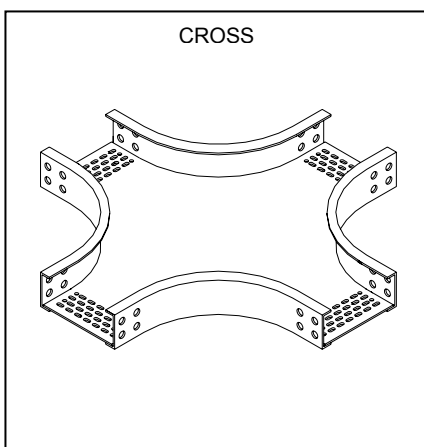
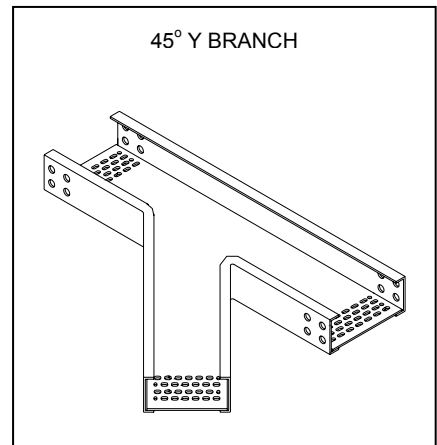
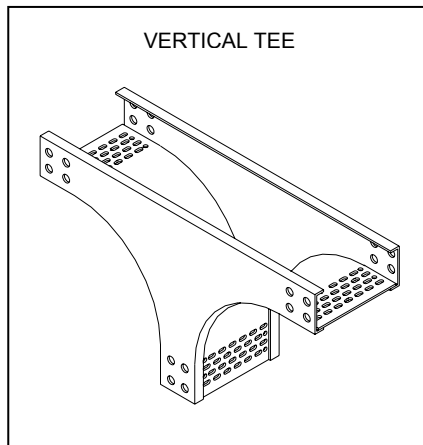
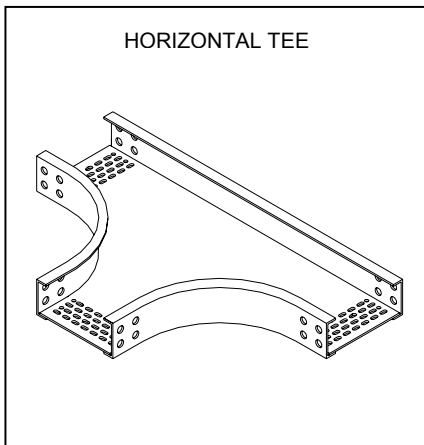
**FITTINGS**

Fittings are available to negotiate bends, corners and change of direction to complete a Cable Tray System.

**FITTINGS FOR PERFORATED CABLE TRAYS:**



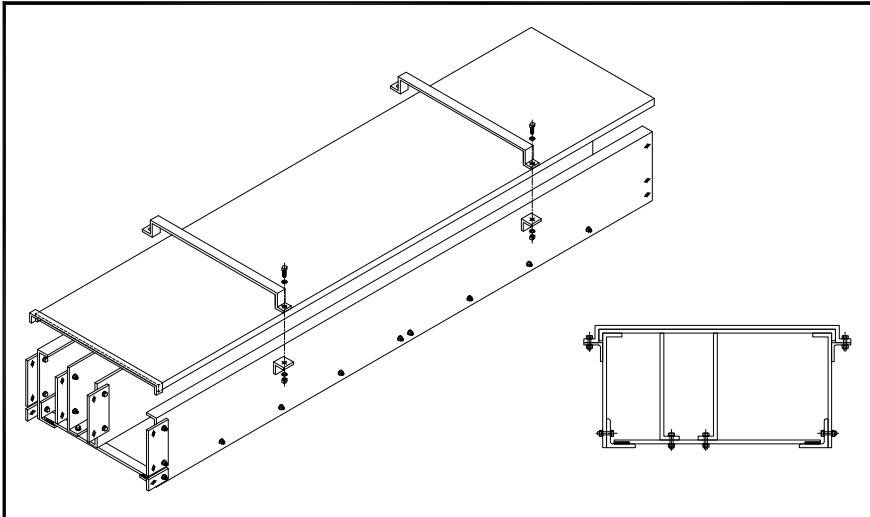
The bends are also available in 30°, 45°, 60° and 120°.



Similar fittings are also available for (a) Ladder Cable Trays (b) Cable Trunking & (c) Instrumentation Cable Ducts.

**Range:** Width ( W ) = 50 to 900 mm  
Radius ( R ) = 300 to 1000 mm

**INSTRUMENT CABLE DUCT & FITTINGS**

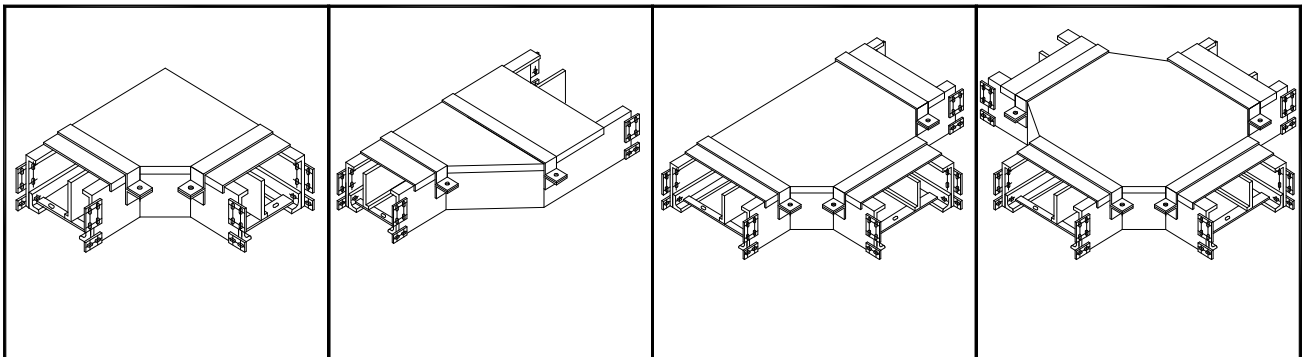


**MATERIAL**

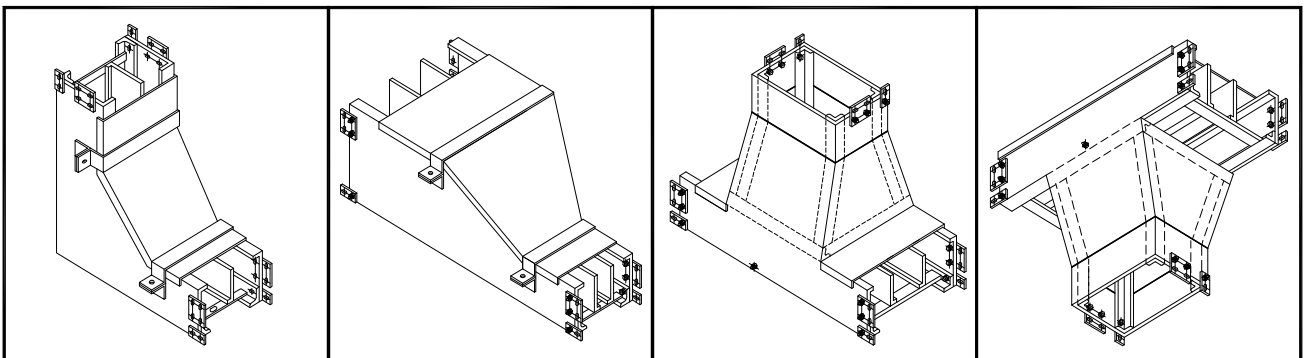
- 1) Hot Dip Galvanized Steel
- 2) Aluminium – Self/Anodized
- 3) Stainless Steel
- 4) Hybrid – HDG Steel & Al / SS

**CABLE DUCT FITTINGS :**

- (1) 90 Horizontal Bend,      (2) Width Reducer,      (3) Horizontal Tee      (4) Horizontal Cross

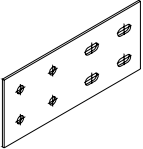
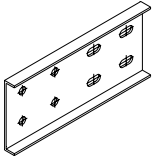
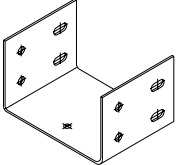
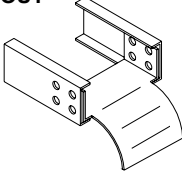
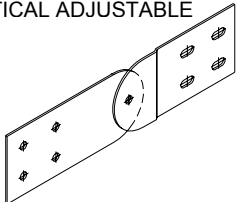
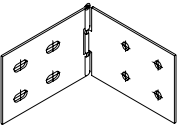
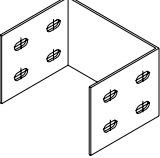
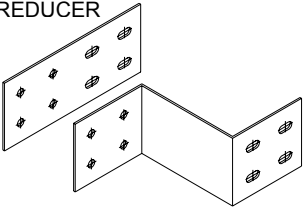


- (5) 90 Deg Vertical Bend,      (6) Height Reducer,      (7) Vertical Tee- Joins Down,      (8) Vertical Tee-Joins Up

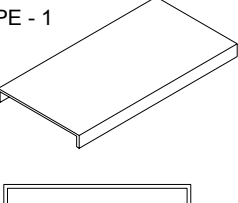
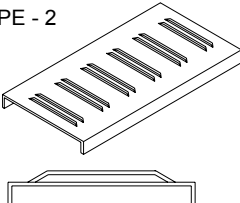
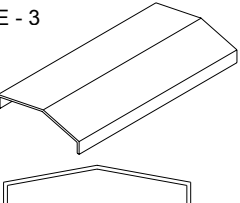
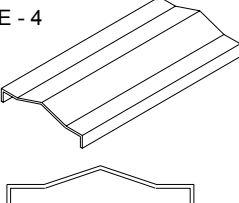


**ACCESSORIES**

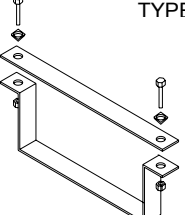
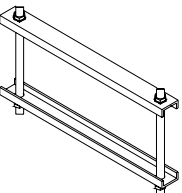
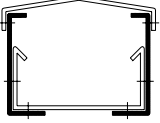
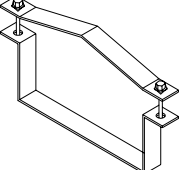
**(A) SPLICE / FISH / COUPLER PLATES:**

<p><b>UNIVERSAL</b></p> 	<p><b>C TYPE</b></p> 	<p><b>U-TYPE</b></p> 	<p><b>DROP-OUT</b></p> 
<p><b>VERTICAL ADJUSTABLE</b></p> 	<p><b>HORIZONTAL ADJUSTABLE</b></p> 	<p><b>BLIND END</b></p> 	<p><b>REDUCER</b></p> 

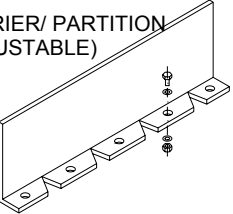
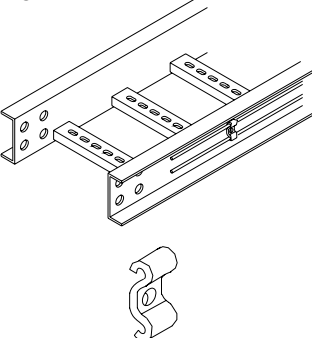
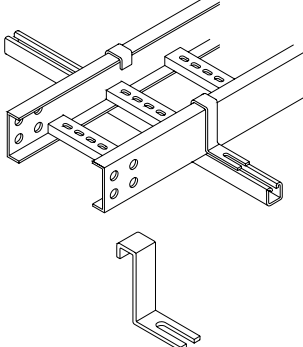
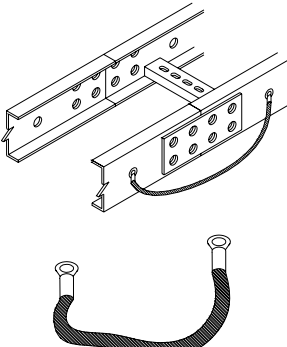
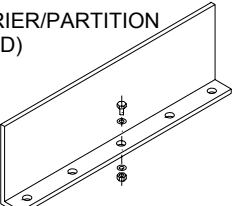
**(B) COVERS:**

<p><b>TYPE - 1</b></p> 	<p><b>TYPE - 2</b></p> 	<p><b>TYPE - 3</b></p> 	<p><b>TYPE - 4</b></p> 
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**(C) COVER ATTACHMENTS:**

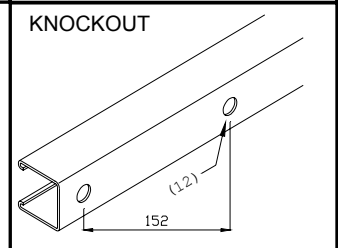
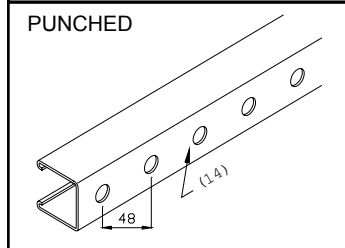
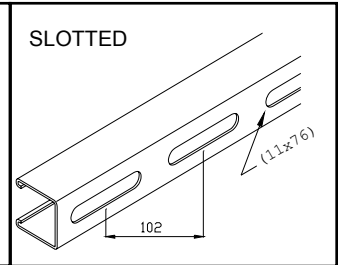
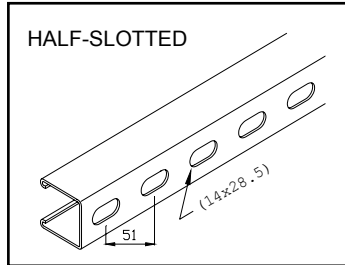
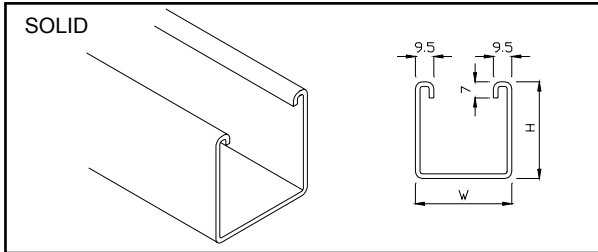
<p><b>TYPE - 1</b></p> 	<p><b>TYPE - 2</b></p> 	<p><b>TYPE - 3</b></p> 	<p><b>TYPE - 4</b></p> 
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**(D) OTHERS:**

<p><b>BARRIER / PARTITION (ADJUSTABLE)</b></p> 	<p><b>GROUND CONDUCTOR CLAMP</b></p> 	<p><b>HOLD DOWN CLAMP</b></p> 	<p><b>BONDING JUMPER</b></p> 
<p><b>BARRIER / PARTITION (FIXED)</b></p> 			

**CABLE TRAY SUPPORTING SYSTEM**

**STRUTS:**

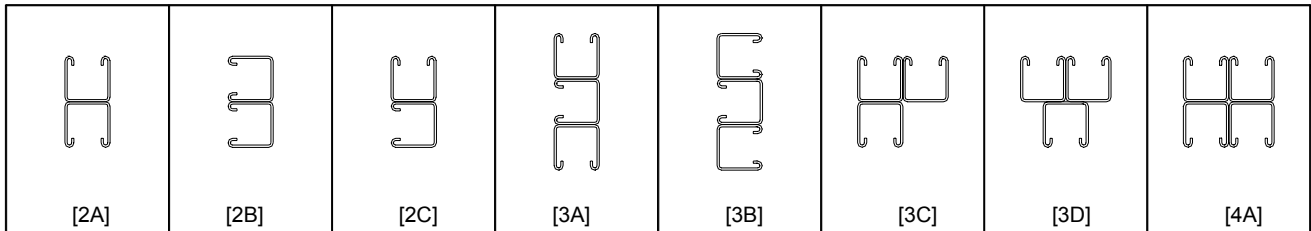


Standard sizes: W - 41  
H - 35 / 41

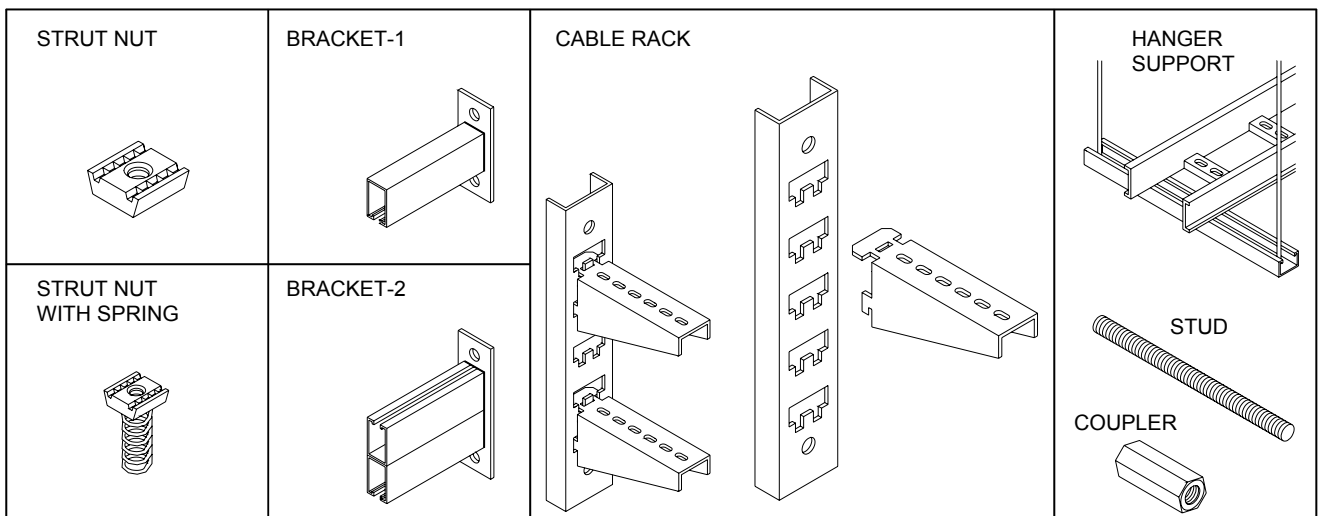
W & H can be adjusted to suit specific requirements.

Struts are available in Solid, Half-slot, Punched, Slotted and Knockout configurations.

**STRUT COMBINATIONS:**



**FITTINGS & BRACKETS:**

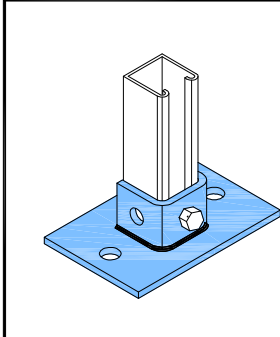


Flat Plate, 90° Angle, Z-Shape, U-Shape, Wing Shape fittings, Post Bases and special application fittings are available as per specific requirement.

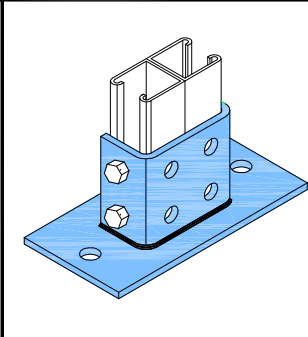


**SUPPORT SYSTEM – STRUT ACCESSORIES**

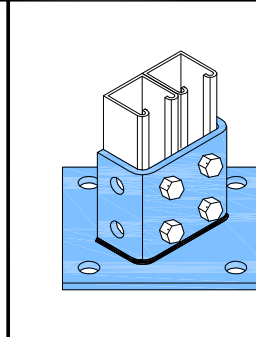
(01) Base Plate-1



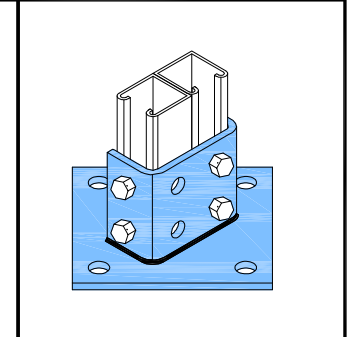
(02) Base Plate-2



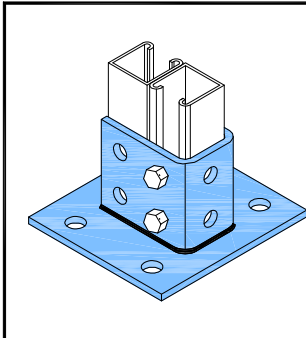
(03) Base Plate-3



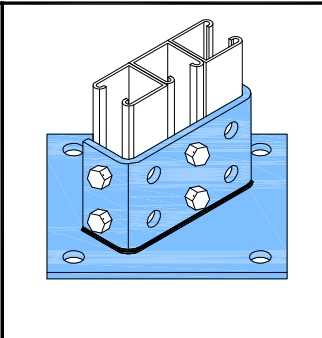
(04) Base Plate-4



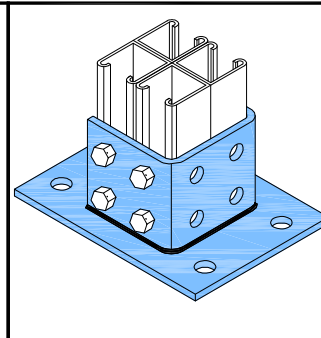
(05) Base Plate-5



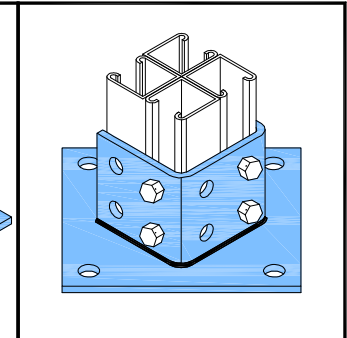
(06) Base Plate-6



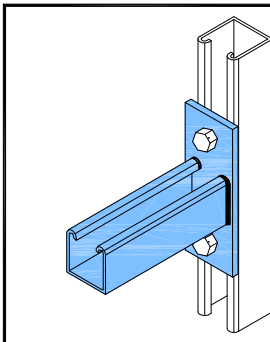
(07) Base Plate-7



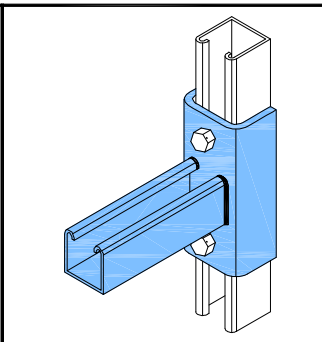
(08) Base Plate-8



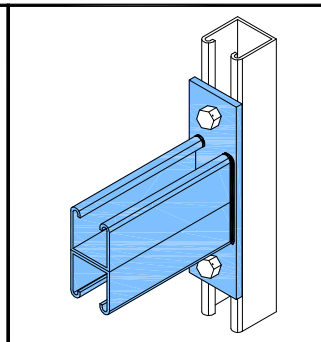
(09) Cantilever Arm-1



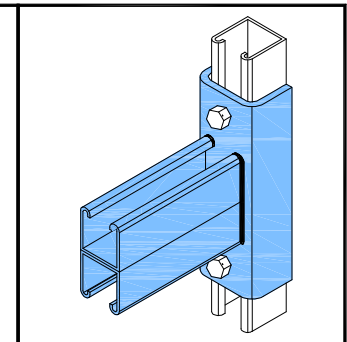
(10) Cantilever Arm-2



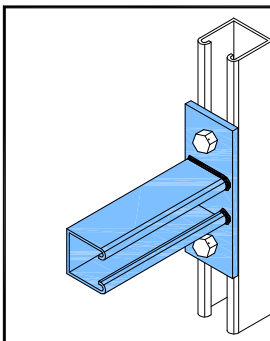
(11) Cantilever Arm-3



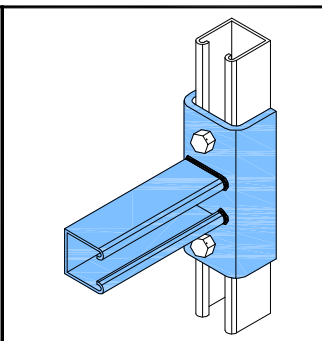
(12) Cantilever Arm-4



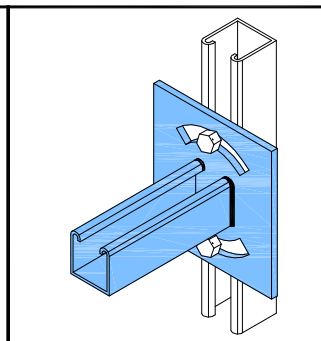
(13) Cantilever Arm-5



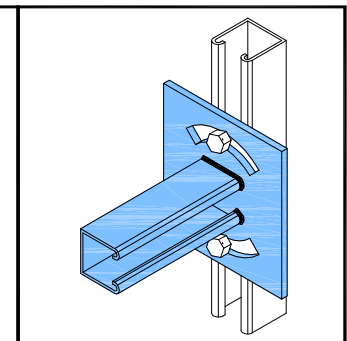
(14) Cantilever Arm-6



(15) Cantilever Arm-7

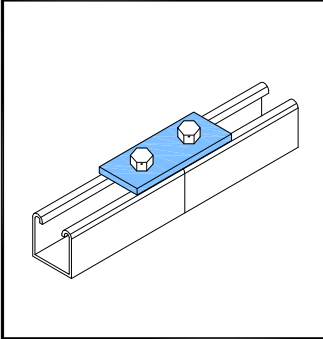


(16) Cantilever Arm-8

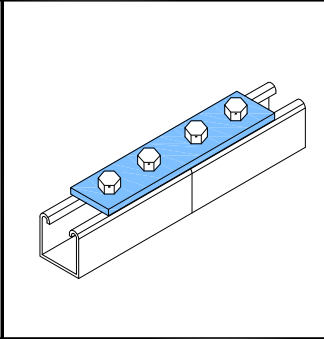


**SUPPORT SYSTEM – STRUT ACCESSORIES**

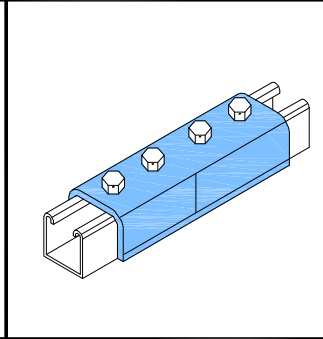
(17) Plate-1



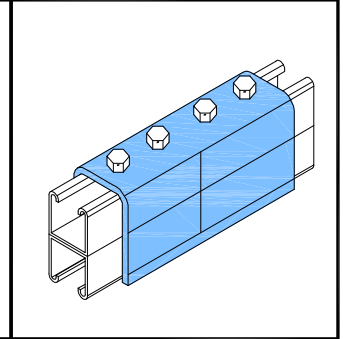
(18) Plate-2



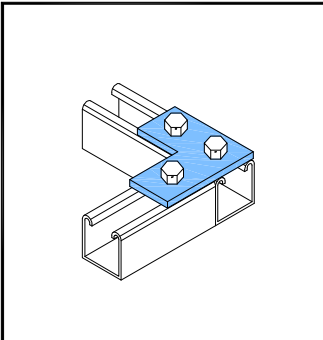
(19) Plate-3



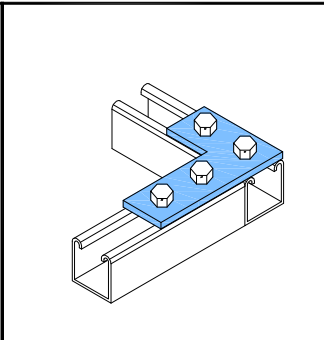
(20) Plate-4



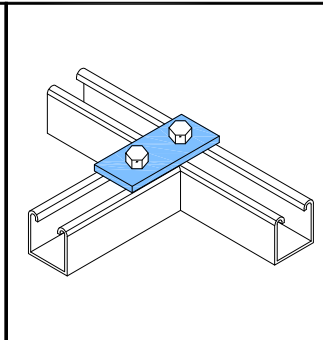
(21) Plate-5



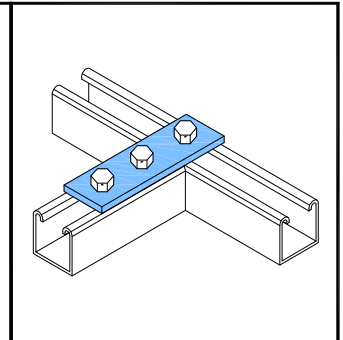
(22) Plate-6



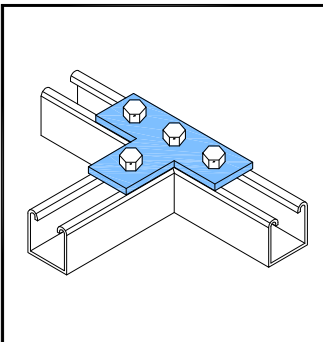
(23) Plate-7



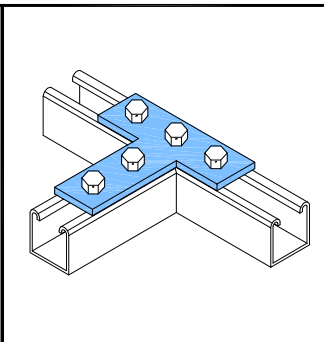
(24) Plate-8



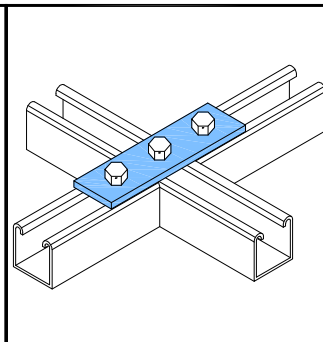
(25) Plate-9,



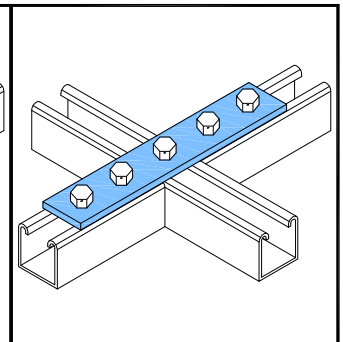
(26) Plate-10



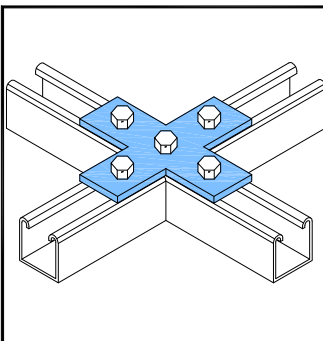
(27) Plate-11



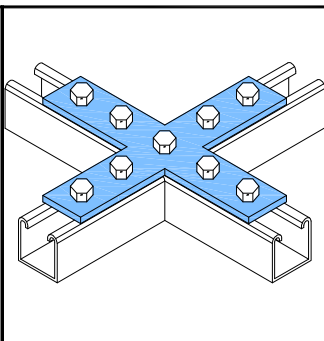
(28) Plate-12



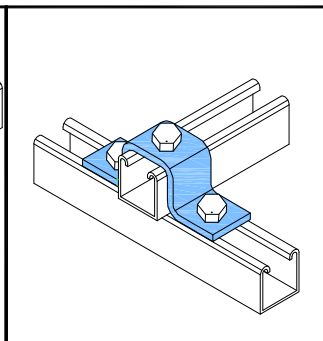
(29) Plate-13



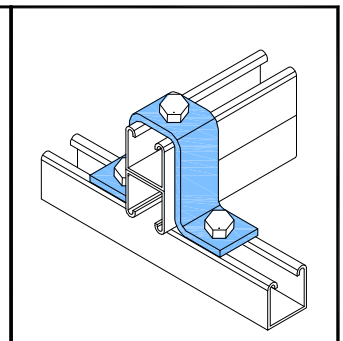
(30) Plate-14



(31) Plate-15

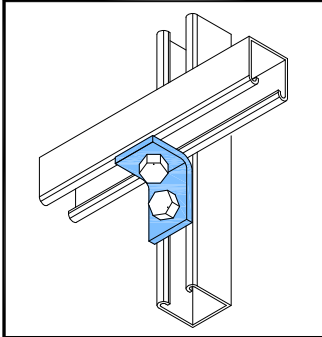


(32) Plate-16

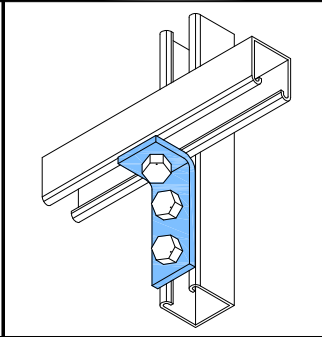


**SUPPORT SYSTEM – STRUT ACCESSORIES**

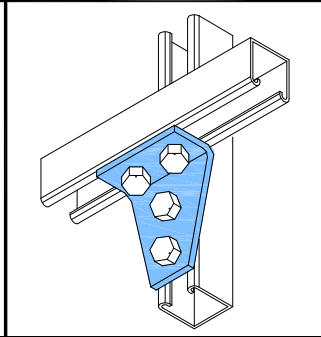
(33) Bracket-1



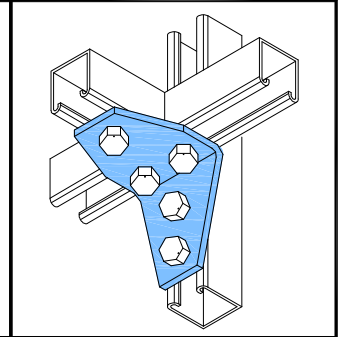
(34) Bracket-2



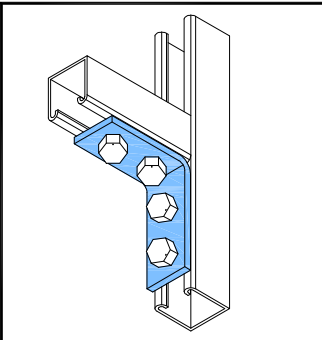
(35) Bracket-3



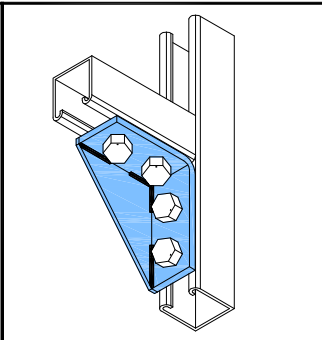
(36) Bracket-4



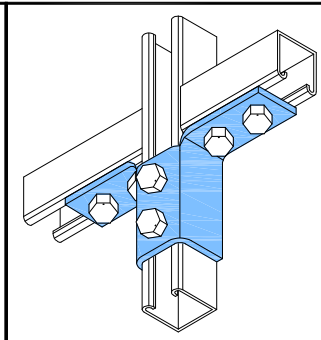
(37) Bracket-5



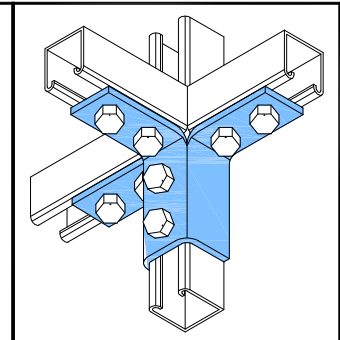
(38) Bracket-6



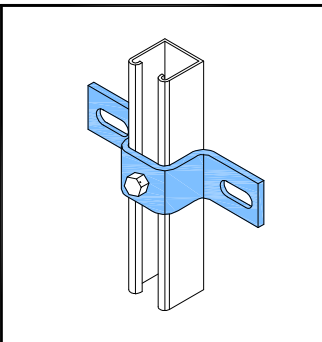
(39) Bracket-7



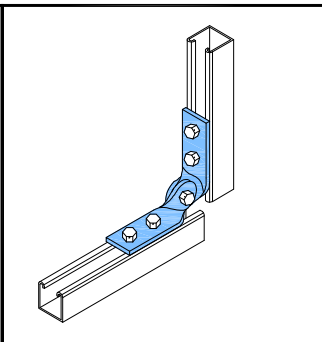
(40) Bracket-8



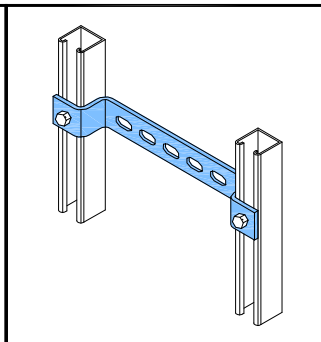
(41) Wall Clamp



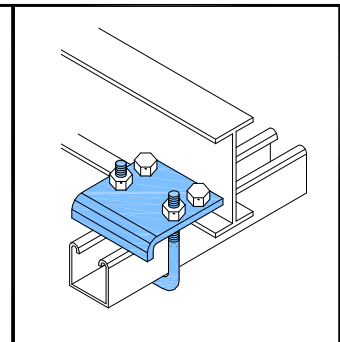
(42) Adjustable Hinge



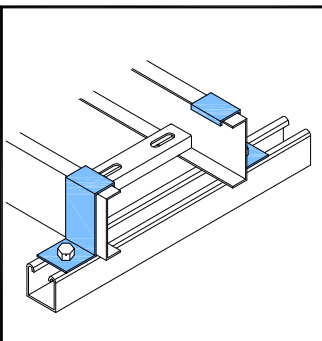
(43) Ladder Rungs



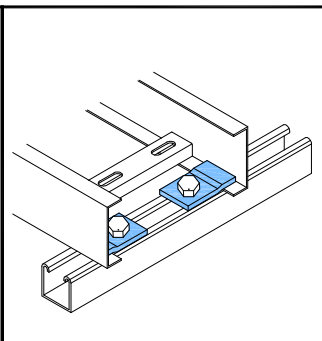
(44) Beam Clamp



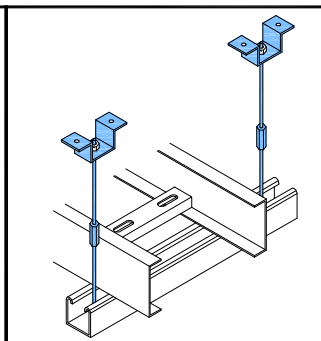
(45) Tray Fixing Z-Clamp



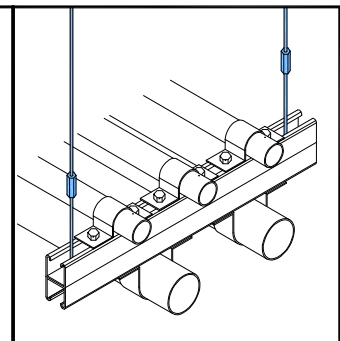
(46) Tray Fixing Clamp



(47) Tray Hanger Support



(48) Pipe Hanger Support



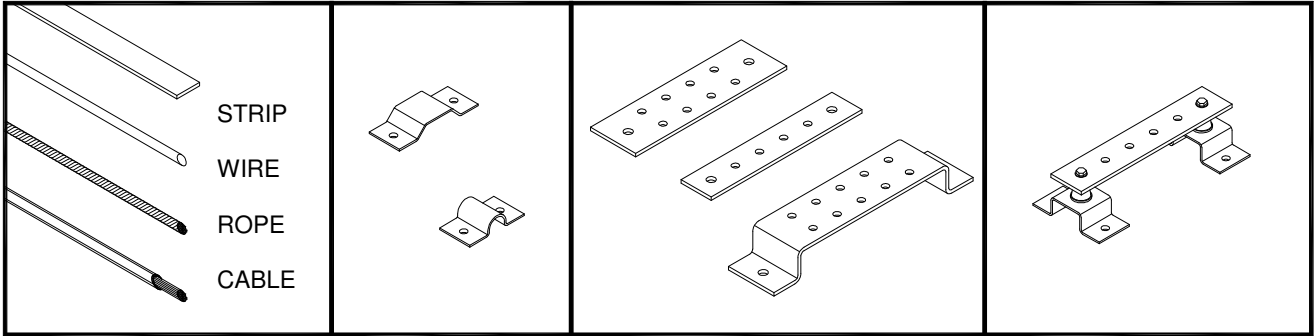
**EARTHING MATERIALS**

(1) STRIP, WIRE, ROPE, CABLE  
(GI & COPPER)

(2) SADDLES  
(GI)

(3) EARTH BUS  
(GI & COPPER)

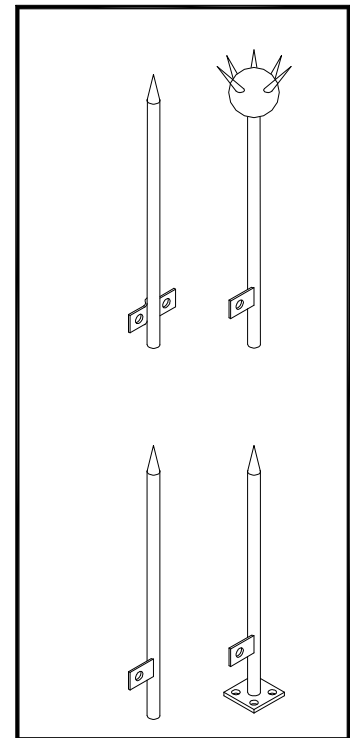
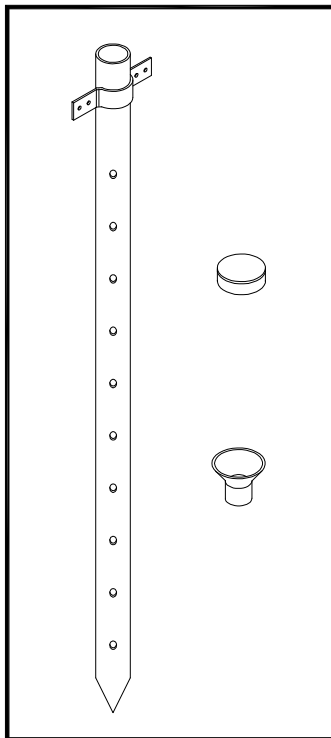
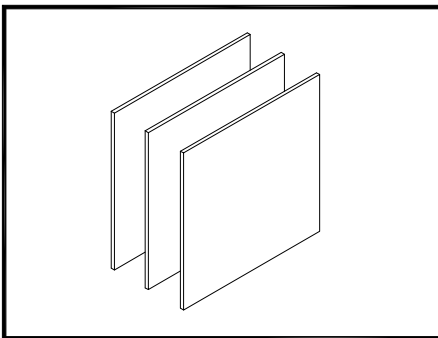
(4) ISOLATED EARTH BUS  
(GI & COPPER)



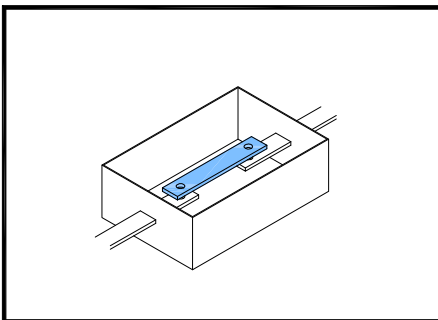
(5) EARTH PLATES  
(GI & COPPER)

(6) EARTH ELECTRODE  
(GI & COPPER)

(7) LIGHTNING ARRESTOR  
(GI & COPPER)



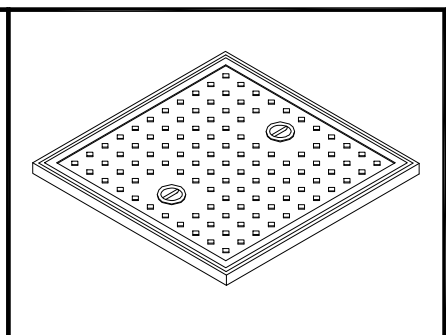
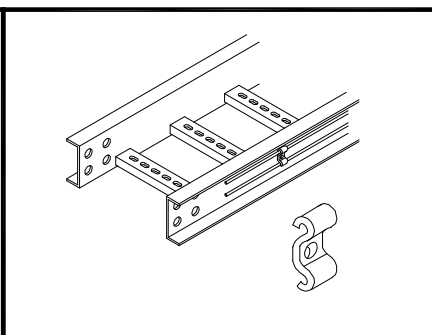
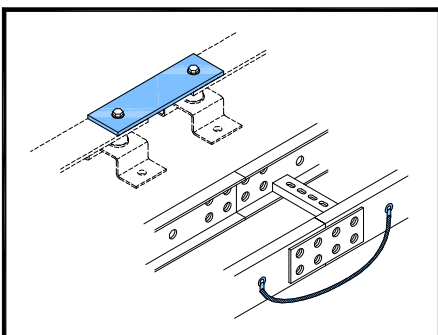
(8) TEST LINK BOX



(9) TEST LINK / EARTHING TIE  
(GI & COPPER)

(10) EARTHING CLEAT  
(GI)

(11) EARTH PIT COVER  
(CAST IRON)



**GLOBE**  
Electrical Industries  
est. 1972

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☎ + 91 (22) 42150940  
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🌐 [www.globeelectricals.com](http://www.globeelectricals.com)

**MANUFACTURING UNIT**

Plot No. R-670/671, TTC Industrial Area,  
MIDC – Rabale, off Thane Belapur Road,  
Navi Mumbai – 400 701, INDIA

**HOT DIP GALVANIZING UNIT – Sigma Galvanizing Pvt.Ltd.**

Plot No. C-532, TTC Industrial Area,  
MIDC – Pawane, off Thane Belapur Road,  
Navi Mumbai – 400 705, INDIA