

The background of the entire page is a black and white photograph of a complex industrial cable tray system. The trays are made of perforated metal and are supported by a network of vertical and horizontal metal beams. The perspective is from a low angle, looking up at the structure. The image is partially overlaid with large, semi-transparent geometric shapes: a grey triangle in the top left, a yellow triangle in the top right, a yellow triangle in the bottom left, and a white triangle in the bottom right. The Stalwart logo is positioned in the upper left quadrant, with the tagline 'choice of engineers' directly below it.

stalwart[®]
choice of engineers

**Engineering
Beyond
Boundaries**

www.ramdevcabletrays.com



ABOUT US

Founded in 2008 with a humble setup, Stalwart began its journey with a deep commitment to delivering reliable and high-performance industrial support systems. Over the years, we've grown into one of India's trusted manufacturers of Cable Trays, Strut Channels, and Warehouse Racking Systems, serving diverse sectors such as electrical, infrastructure, automation, construction, solar, and industrial storage.

From a small unit to a world-class facility, our journey reflects our relentless pursuit of quality, precision, and customer satisfaction. Today, we operate from a 6,000 Sq. Ft. corporate office and a 275,000 Sq. Ft. fully integrated manufacturing facility, equipped with:

- ▶ Fully Automatic Cable Tray Production Lines
- ▶ Robotic Welding Systems
- ▶ CNC-controlled Punching & Roll Forming
- ▶ 11-Tank Zinc Phosphate Powder Coating System
- ▶ Robotic Powder Spray Booths
- ▶ Conveyorised Finishing Plant
- ▶ Electro plating Plant
- ▶ 7 Double Girder EOT Cranes for seamless internal handling
- ▶ Hotdip galvanizing Plant

Our end-to-end in-house production ensures consistent quality, better control, faster delivery, and scalable capacity. With a legacy of over 15 years, we are trusted by leading contractors, consultants, OEMs, MEP firms, and EPC companies across India.



Our Vision

To be a world-class brand in cable tray setting new standards in quality, engineering, and reliability.

We envision becoming a benchmark in the cable tray, strut, and racking industry-not just by growing in size, but by leading through innovation, automation, and customer-centric practices.



Our Mission

To manufacture precision-engineered cable trays, strut systems that deliver performance, durability, and safety.

To continue investing in technology, infrastructure, and talent to stay ahead in manufacturing excellence.

To offer value-added solutions that simplify installation, reduce cost, and enhance long-term performance for our customers.

To build a culture of integrity, innovation, and improvement that fuels sustainable growth for our clients, partners, and team.



RASTUUCTURE

GARDEN AREA



UNIT 2 - PRODUCTION AREA



UNIT 1

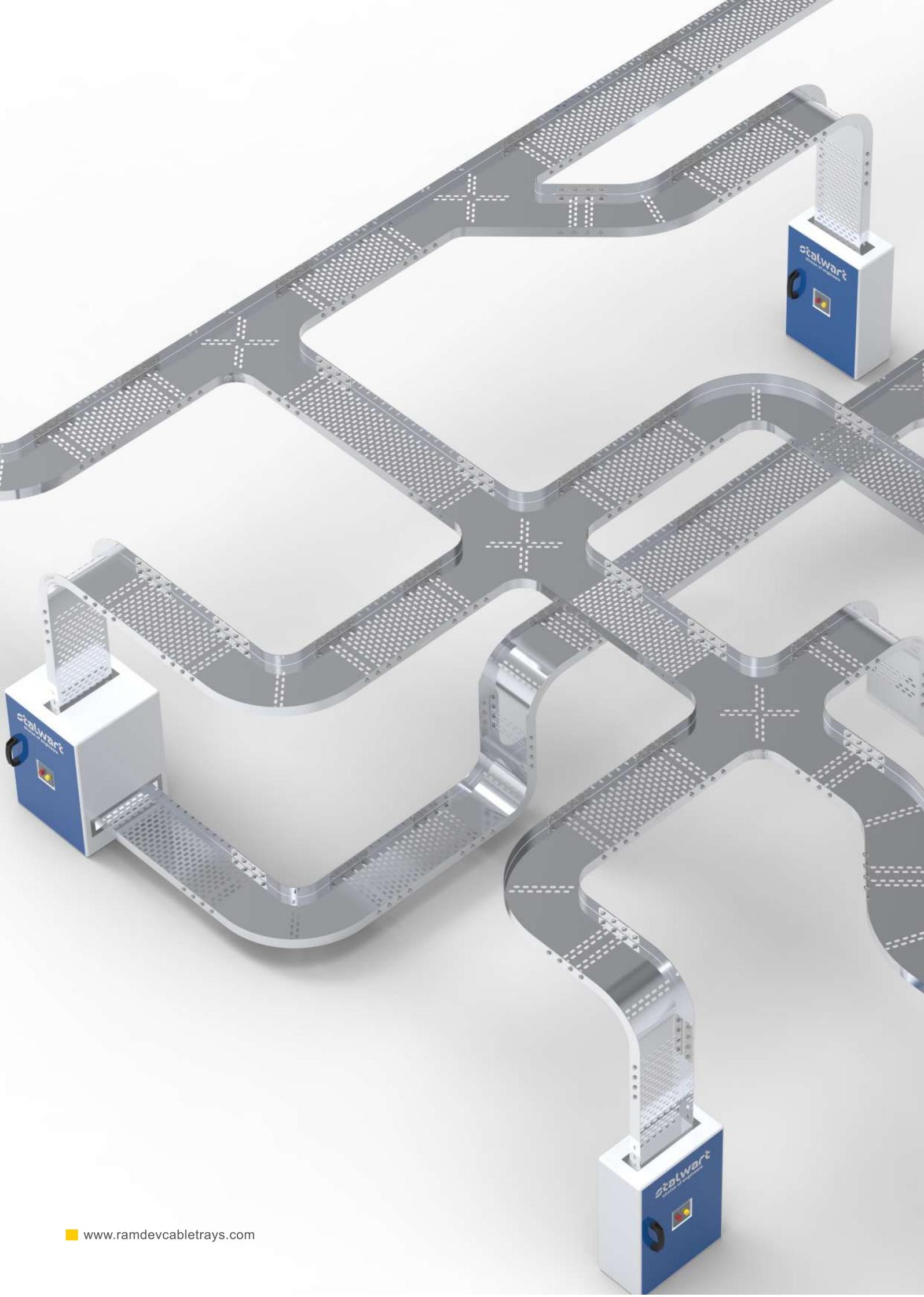


CERTIFICATES



INSPECTED & APPROVED BY







CABLE MANAGEMENT SYSTEM

Engineered for Excellence From standard designs to our exclusive innovations, our complete cable tray system is built to perform in every environment. Whether it's power, data, or control cabling – our trays, fittings, and supports ensure smooth routing, high strength, and long-lasting reliability. Trust the system that carries your connections with confidence.

Applications

Cable trays are widely used for safe and organized cable management across industries, including:

- ▶ Power Plants & Substations
- ▶ Commercial & Residential Buildings
- ▶ Factories & Manufacturing Units
- ▶ Data Centers & IT Infrastructure
- ▶ Pharmaceutical & Chemical Plants
- ▶ Oil & Gas Industries
- ▶ Hospitals & Laboratories
- ▶ Infrastructure Projects(Airports, Metros, etc.)



25+
Years of
Experience
in Industry and
Manufacture



1650+
Successfully
Completed
Massive
Projects



18+ / 11+
Technical
Expert &
Centric Staff



100+
Our
Heroes
Dedicated
Staff



200 TON
Production
Capacity
Monthly

**C
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▶ **ADVANCED MANUFACTURING INFRA**

- ▶ Fully Automatic Production Line for all major components
- ▶ Robotic Welding Facility ensuring precision and consistency
- ▶ Powder Coating Plant - 11-Tank Zinc Phosphate Pre-Treatment with Robotic Powder Coating System and Fully Automatic Conveyerised Powder Coating Plant
- ▶ Electroplating Plant (Wire mesh Cable Trays)
- ▶ 7 Double Girder EOT Cranes for efficient material handling
- ▶ All components are manufactured in-house on automated lines, ensuring quality and standardization
- ▶ Hotdip galvanizing Plant



STANDARD PERFORATED CABLE TRAY

Suitable for power and data cable routing in industrial, commercial, and infrastructure projects. Manufactured from high-quality GI, Hot Dip Galvanized, Powder Coated, and Stainless Steel materials. Available in multiple thickness options ranging from 1mm to 3mm.



Corrosion-resistant coating ensures durability in harsh environments. Standard lengths available in 2500mm & 3000mm, customizable as per project requirements.



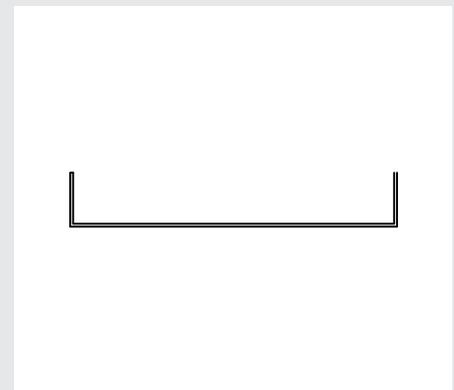
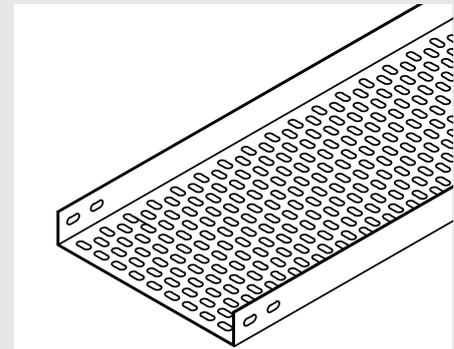
STANDARD PERFORATED CABLE TRAY

BENEFITS OF STANDARD PERFORATED CABLE TRAYS

Feature	Advantage
Cost-effective Design	Basic, economical solution for light to medium cable loads
Easy Availability	Universally accepted design for all electrical installations
Perforated Base	Enables cable ventilation and water drainage
Simple Accessories	Compatible with all standard couplers and clamps

STANDARD PERFORATED CABLE TRAY

ST-PCT-100/50/2-PG

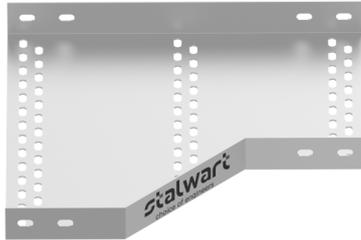


Code	Height (H) mm	Thickness (T) mm	Length (L) mm
ST-PCT-050	25 mm 35mm 50 mm 75 mm 100 mm	1.2 mm 1.5 mm 1.6 mm 2.0 mm 2.5 mm 3.0 mm	2500 mm to 6000 mm
ST-PCT-100			
ST-PCT-150			
ST-PCT-200			
ST-PCT-250			
ST-PCT-300			
ST-PCT-350		2.0 mm 2.5 mm 3.0 mm	
ST-PCT-400			
ST-PCT-450			
ST-PCT-600			
ST-PCT-800			
ST-PCT-1000			

- ▶ GI Pre Galvanized IS 277
- ▶ 11 Tank Powder Coated - IS 2062
- ▶ Duly Hot Dip Galvanized - IS 2629
- ▶ Stainless Steel (304 / 316)

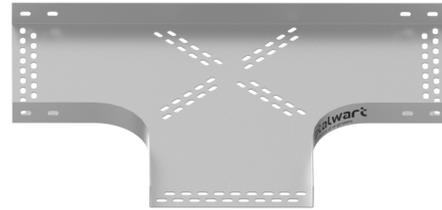


STANDARD PERFORATED CABLE TRAY ACCESSORIES



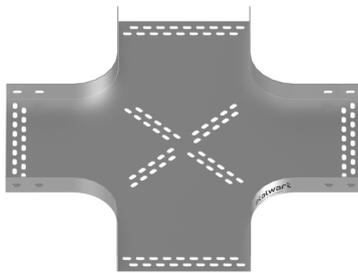
Reducer

Straight, Left-hand, Right-hand
Connects trays of different widths



Tee (T-Junction)

Matches tray dimensions
Branches tray system into three directions



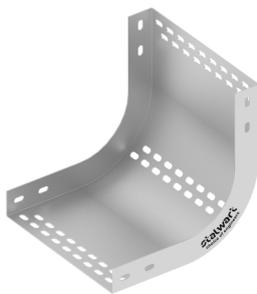
Cross (Four-Way Junction)

Matches tray dimensions Splits cable
routing into four directions



Horizontal Bend (Elbow)

45° & 90° bend angles Used for horizontal
direction changes in the cable pathway



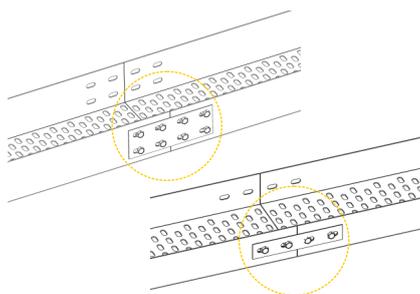
Vertical Inside Bend

45° & 90° bend angles Allows cable tray to
transition vertically upwards



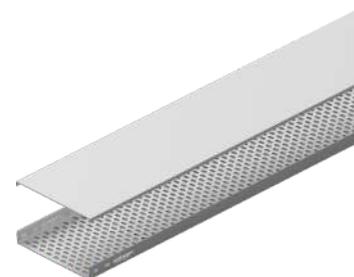
Vertical Outside Bend

45° & 90° bend angles Enables downward
transitions for cables



Coupler Plate

Used to join two cable trays in a straight line, ensuring
proper alignment and structural continuity.



Standard C Type Cover

Classic C-type cover offers reliable
protection and easy access for cable trays



**SECURE YOUR
POWER PATH
WITH US**



XS - PERFORATED CABLE TRAY

A Rolled Flange Perforated Cable Tray is an advanced type of perforated cable tray



It prevents cable damage, reduces sharp edges, and provides excellent load-bearing capacity.



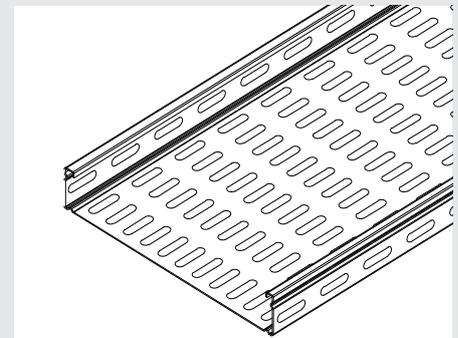
XS - PERFORATED CABLE TRAY

BENEFITS OF XS-PERFORATED CABLE TRAYS

Feature	Advantage
Rolled Flange Edge	Prevents cable damage and worker injury – no sharp edges
Rigid Structure	Adds extra rigidity, prevents sagging under heavy load
Higher Load Capacity	Carries more load even at reduced thickness compared to standard trays
Easy Installation	Slotted holes on side walls allow faster installation from any direction
Fewer Supports Required	Due to better rigidity, longer spans can be achieved
Aesthetic architectural design	Smooth rolled edges and uniform design for modern industrial setups

XS SERIES – ROLLED FLANGE PERFORATED CABLE TRAY

ST-XSPT-100/50/2-PG



Code	Height (H) mm	Thickness (T) mm	Length (L) mm
ST-XSPT-100	50 mm 75 mm 100 mm	1.0 mm 1.2 mm 1.5 mm 2.0 mm	2500 mm to 6000 mm
ST-XSPT-150			
ST-XSPT-200			
ST-XSPT-250			
ST-XSPT-300			
ST-XSPT-350			
ST-XSPT-400			
ST-XSPT-450			
ST-XSPT-600			

- ▶ GI Pre Galvanized IS 277
- ▶ 11 Tank Powder Coated - IS 2062
- ▶ Duly Hot Dip Galvanized - IS 2629
- ▶ Stainless Steel (304 / 316)

COMPARATIVE LOAD PERFORMANCE

This example helps explain how Rolled Flange Trays perform better even at lower sheet thickness.

Standard C-Type Tray	Approx. Load Capacity	Rolled Flange Tray (with Rib)	Benefit
2.0 mm	90 kg / meter	1.5 mm	Same or higher load capacity, less material
1.5 mm	35 kg / meter	1.2 mm	Comparable strength, lighter
1.2 mm	20 kg / meter	1.0 mm	Equal performance for light-duty applications

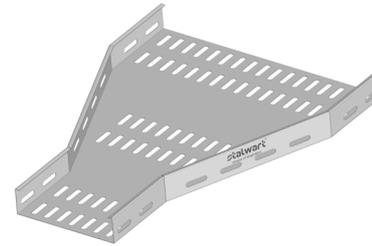


XS - PERFORATED CABLE TRAY ACCESSORIES



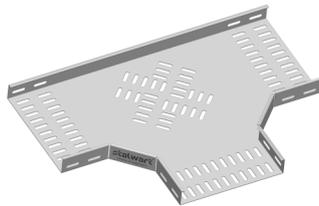
Vertical Inside Bend

45° & 90° bend angles
Allows cable tray to transition vertically upwards



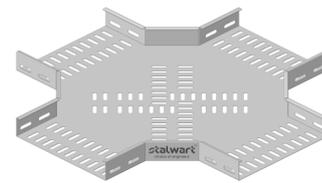
Reducer

Straight, Left-hand, Right-hand
Connects trays of different widths



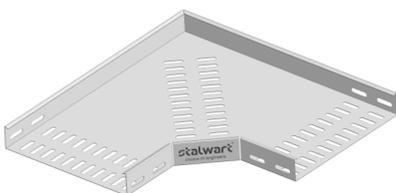
Tee (T-Junction)

Matches tray dimensions
Branches tray system into three directions



Cross (Four-Way Junction)

Matches tray dimensions
Splits cable routing into four directions



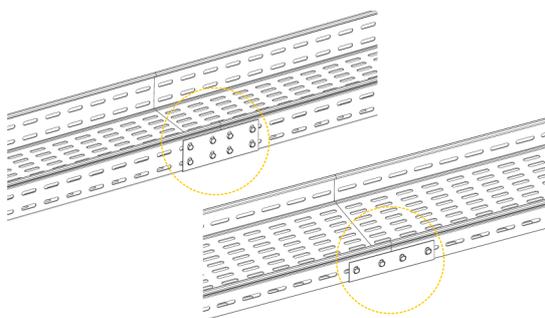
Horizontal Bend (Elbow)

45° & 90° bend angles
Used for horizontal direction changes in the cable pathway



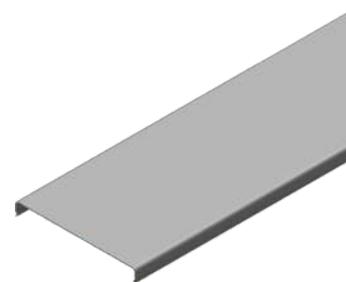
Vertical Outside Bend

45° & 90° bend angles
Enables downward transitions for cables



L type Splice Plate

Used to join two cable trays in a straight line, ensuring proper alignment and structural continuity.



Press Fit Cover

Secure and tool-free, the press fit cover ensures quick installation with a snug fit



**SHAPING
INFRASTRUCTURE
WITH
EXCELLENCE**



EMBOFLANGE PERFORATED CABLE TRAY

A Rolled Flanged and Embossed Perforated Cable Tray is designed for high-strength cable management



smooth rolled edges to prevent cable damage and embossed perforations for better load-bearing capacity and ventilation.



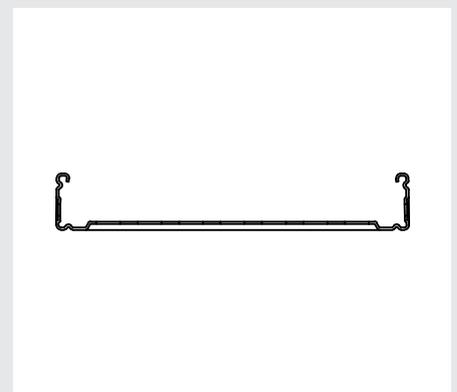
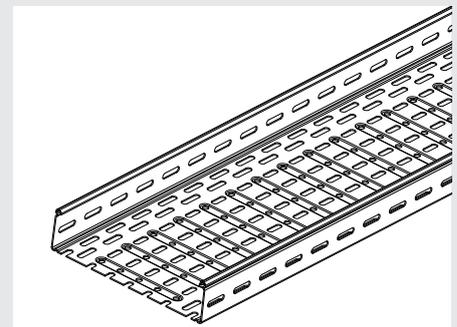
EMBOFLANGE PERFORATED CABLE TRAY

BENEFITS EMBOFLANGE PERFORATED CABLE TRAY

Feature	Advantage
Rolled Flange Edges	Prevents cable sheath damage; ensures worker safety during handling
Embossed Bottom Surface	Adds stiffness, distributes load evenly, and minimizes tray bending
Anti-Slip Cable Base	Embossing helps reduce cable movement or slippage inside the tray
Fewer Supports Needed	Enhanced stiffness allows for longer span installation
Quick & Flexible Installation	Side slots allow easy mounting from any point
Professional Appearance	Clean and modern look for high-spec installations

EMBOFLANGE SERIES EMBOSSED ROLLED FLANGE PERFORATED CABLE TRAY

ST-EMFPCT-100/50/2-PG



Code	Height (H) mm	Thickness (T) mm	Length (L) mm
ST-EMFPCT-100	50 mm 75 mm 100 mm	1.0 mm 1.2 mm 1.5 mm 2.0 mm	2500 mm to 6000 mm
ST-EMFPCT-150			
ST-EMFPCT-200			
ST-EMFPCT-250			
ST-EMFPCT-300			
ST-EMFPCT-350			
ST-EMFPCT-400			
ST-EMFPCT-450			
ST-EMFPCT-600			

- ▶ GI Pre Galvanized IS 277
- ▶ 11 Tank Powder Coated - IS 2062
- ▶ Duly Hot Dip Galvanized - IS 2629
- ▶ Stainless Steel (304 / 316)

COMPARATIVE LOAD PERFORMANCE

This example helps explain how Embossed with Rolled Flange & Rib Trays perform better even at lower sheet thickness.

Standard C-Type Tray	Approx. Load Capacity	Rolled Flange Tray (with Rib)	Benefit
2.0 mm	90 kg / meter	1.5 mm	Same or higher load capacity, less material
1.5 mm	35 kg / meter	1.2 mm	Comparable strength, lighter
1.2 mm	20 kg / meter	1.0 mm	Equal performance for light-duty applications

The given dimensions are standard; customization is available as per project requirements.



STANDARD LADDER TYPE CABLE TRAY

It consists of two longitudinal side rails connected by perforated rungs at regular intervals, providing excellent cable support, ventilation, and ease of installation



A Ladder Type Cable Tray is a high-strength cable management system designed for heavy-duty power cables and industrial applications.



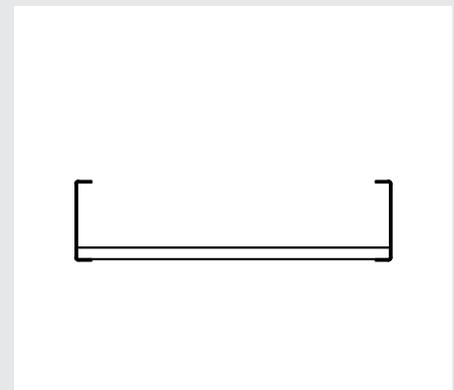
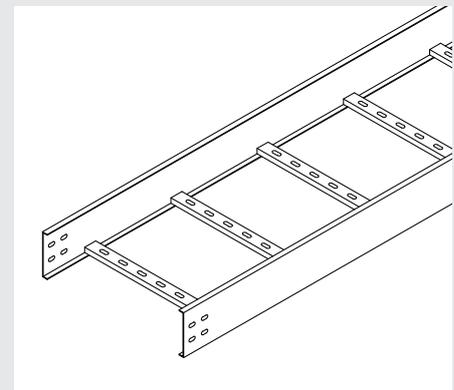
STANDARD LADDER TYPE CABLE TRAY

BENEFITS OF STANDARD LADDER TYPE CABLE TRAY

Feature	Advantage
Simple C-Type Profile	Cost-effective and widely used
Rigid Rung Structure	Supports heavy-duty cable bunches effectively
Open Ventilation Design	Allows heat dissipation for power and control cables
Easy to Cut & Modify	Customization on-site is simple
Multiple Finishing Options	Suitable for indoor and outdoor applications

STANDARD LADDER TYPE CABLE TRAY

ST-LCT-100/50/2-PG



Code	Height (H) mm	Thickness (T) mm	Length (L) mm
ST-LCT-100	50 mm 75 mm 100 mm 150 mm	1.5 mm 2.0 mm 2.5 mm 3.0 mm	2500 mm to 6000 mm
ST-LCT-150			
ST-LCT-200			
ST-LCT-250			
ST-LCT-300			
ST-LCT-400			
ST-LCT-450			
ST-LCT-500	75 mm 100 mm 150 mm	1.5 mm 2.0 mm 2.5 mm 3.0 mm	2500 mm to 6000 mm
ST-LCT-600			
ST-LCT-700			
ST-LCT-800			
ST-LCT-900			
ST-LCT-1000			
ST-LCT-1200			
ST-LCT-1500			

Rung Dimensions	-	W30X12X12	1.5/2.0 mm	250/275/300
Runner Dimensions	-	Hx15mm		
Rung Dimensions	-	W35X15X15H	1.5/2.0/2.5/3.0 mm	250/275/300
Runner Dimensions	-	20mm		

- ▶ **GI Pre Galvanized IS 277**
- ▶ **11 Tank Powder Coated - IS 2062**
- ▶ **Duly Hot Dip Galvanized - IS 2629**
- ▶ **Stainless Steel (304 / 316)**

The given dimensions are standard; customization is available as per project requirements.



STANDARD LADDER TYPE CABLE TRAY ACCESSORIES



Vertical Inside Bend

45° & 90° bend angles
Allows cable tray to transition vertically upwards



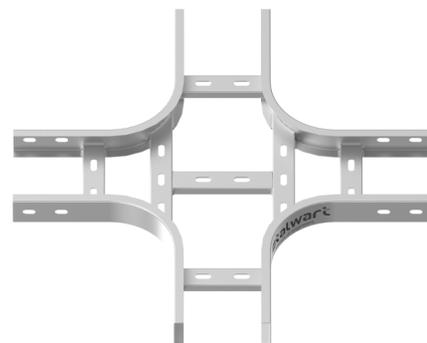
Vertical Outside Bend

45° & 90° bend angles
Enables downward transitions for cables



Tee (T-Junction)

Matches tray dimensions
Branches tray system into three directions



Cross (Four-Way Junction)

Matches tray dimensions
Splits cable routing into four directions



Horizontal Bend (Elbow)

45° & 90° bend angles
Used for horizontal direction changes in the cable pathway



Reducer

Straight, Left-hand, Right-hand
Connects trays of different widths



**PERFECT
PATH
FOR EVERY
CABLE**



ROLLED FLANGE LADDER CABLE TRAY

The XS Ladder Cable Tray is a high-strength cable management system featuring rolled flanges for smooth edges and reinforced ribs for enhanced load-bearing capacity and stability



It ensures superior cable support, durability, and ventilation for industrial and commercial applications



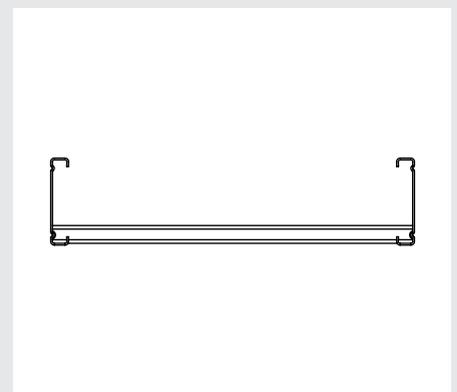
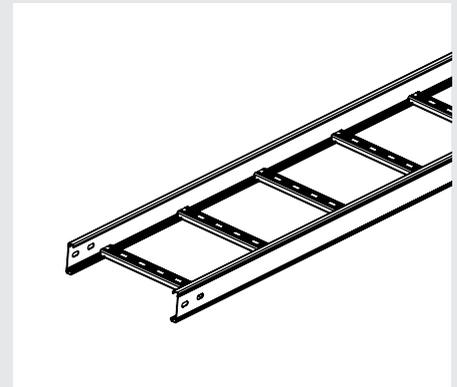
ROLLED FLANGE LADDER CABLE TRAY

BENEFITS OF ROLLED FLANGE LADDER CABLE TRAY

Feature	Advantage
Rolled Flange Edge	No sharp edges – prevents cable damage and improves safety
Ribbed Side Rail	Provides extra stiffness and strength at lower thickness
Long Span Load Capacity	Withstands higher loads at longer support intervals
Heavy-Duty Rung Design	Ensures reliable support for large-diameter or power cables
Enhanced Aesthetic & Finish	Ideal for premium industrial and clean environments

ROLLED FLANGE LADDER CABLE TRAY

ST-XSLCT-100/50/2-PG



Code	Height (H) mm	Thickness (T) mm	Length (L) mm
ST-XSLCT-100	50 mm 75 mm 100 mm	1.5 mm 2.0 mm	2500 mm to 6000 mm
ST-XSLCT-150			
ST-XSLCT-200			
ST-XSLCT-250			
ST-XSLCT-300			
ST-XSLCT-400			
ST-XSLCT-500			
ST-XSLCT-600	75 mm 100 mm 150 mm		
ST-XSLCT-700			
ST-XSLCT-800			
ST-XSLCT-900			
ST-XSLCT-1000			
ST-XSLCT-1200			
ST-XSLCT-1500			

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EMBOFLANGE LADDER TYPE CABLE TRAY

A Rolled Flange & Embossed Ladder Type Cable Tray is an advanced heavy-duty cable support system that enhances strength, durability, and cable protection.



Embossed Rungs: Provides extra reinforcement and prevents cable slippage, improving load-bearing capacity.



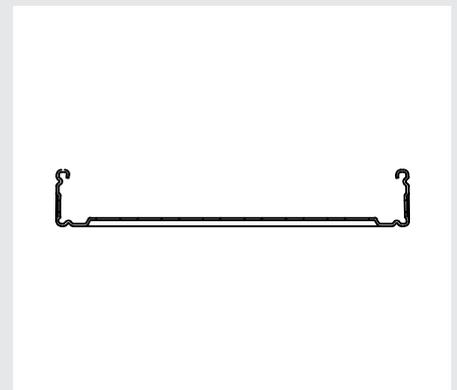
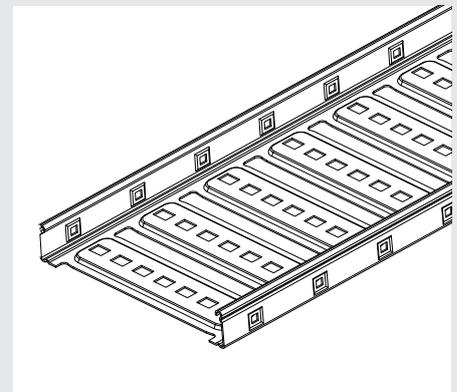
EMBOFLANGE LADDER TYPE CABLE TRAY

BENEFITS OF EMBOFLANGE LADDER TYPE CABLE TRAY

Feature	Advantage
Embossed Side Web	Increases rigidity and eliminates side wall deflection under load
Rolled Flange with Rib	Prevents cable sheath damage and ensures safe handling
Lightweight, High Load	Offers same or better performance at reduced material thickness
Smooth Handling	Safer during installation and reduces injury risks
Longer Span Support	Achieves greater span with fewer support brackets
Premium Look	Ideal for visible installations and modern infrastructure

EMBOFLANGE LADDER TYPE CABLE TRAY

ST-EMFLCT-100/50/2-PG



Code	Height (H) mm	Thickness (T) mm	Length (L) mm
ST-EMFLCT-100	50 mm 75 mm 100 mm	1.5 mm 2.0 mm	2500 mm to 6000 mm
ST-EMFLCT-150			
ST-EMFLCT-200			
ST-EMFLCT-250			
ST-EMFLCT-300			
ST-EMFLCT-400			
ST-EMFLCT-500			
ST-EMFLCT-600			
ST-EMFLCT-700			
ST-EMFLCT-800			
ST-EMFLCT-900			
ST-EMFLCT-1000	75 mm 100 mm 150 mm		
ST-EMFLCT-1200			
ST-EMFLCT-1500			

- ▶ GI Pre Galvanized IS 277
- ▶ 11 Tank Powder Coated - IS 2062
- ▶ Duly Hot Dip Galvanized - IS 2629
- ▶ Stainless Steel (304 / 316)



WIREMESH CABLE TRAY

These trays consist of a grid-like wire mesh structure, providing excellent airflow, easy cable access, and minimal dust accumulation, making them ideal for industries with stringent hygiene standards.



Wire Mesh Cable Trays, also known as Basket Cable Trays, are designed for lightweight cable management applications where high ventilation, flexibility, and quick installation are required.



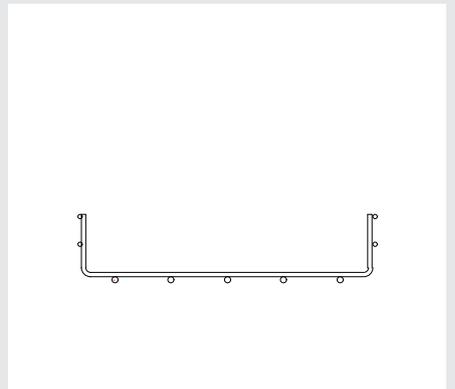
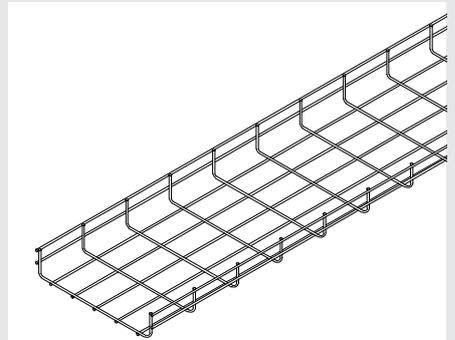
WIREMESH CABLE TRAY

BENEFITS OF WIREMESH CABLE TRAY

Feature	Advantage
Open-Mesh Design	Excellent air circulation — prevents cable overheating
Versatile Routing	Allows cables to exit at any point — no need for extra fittings
Fast Installation	Quick cutting and mounting with minimal tools
Hygienic Material Options	Available in SS 304/316 — ideal for food, pharma, and cleanroom use
Corrosion Resistance	Hot dip galvanized and SS options suitable for harsh or outdoor environments
Modular Compatibility	Supports clamps, connectors, and accessories for flexible configurations
Fire Safety	Open design reduces heat buildup and cable insulation damage in case of fire

WIREMESH CABLE TRAY

ST-SMCT-100/50/5-SS304



Code	Height (H) mm	Wire Diameter	Finish Options
ST-SMCT-50	50 mm	4 mm 5 mm 6 mm	2500 mm to 6000 mm
ST-SMCT-75	75 mm		
ST-SMCT-100	50 mm 75 mm 100 mm		
ST-SMCT-150			
ST-SMCT-200			
ST-SMCT-300			
ST-SMCT-400			
ST-SMCT-450			
ST-SMCT-500			

- ▶ Electro Galvanized
- ▶ 11 Tank Powder Coated - IS 2062
- ▶ Duly Hot Dip Galvanized - IS 2629
- ▶ Stainless Steel (304 / 316)

Wiremesh cable tray 50mm Height

50 x 50	
50 x 75	
50 x 100	
50 x 150	
50 x 200	
50 x 250	
50 x 300	
50 x 350	

50 x 50	
50 x 75	
50 x 100	
50 x 150	
50 x 200	
50 x 250	
50 x 300	
50 x 350	

Wiremesh cable tray 75mm Height

75 x 75	
75 x 100	
75 x 150	
75 x 200	
75 x 250	
75 x 300	
75 x 350	

75 x 400	
75 x 450	
75 x 500	
75 x 550	
75 x 600	
75 x 650	
75 x 700	
75 x 750	

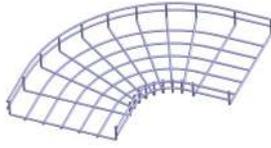
Wiremesh cable tray 100mm Height

100 x 100	
100 x 150	
100 x 200	
100 x 250	
100 x 300	
100 x 350	
100 x 400	

100 x 450	
100 x 500	
100 x 550	
100 x 600	
100 x 650	
100 x 700	
100 x 750	



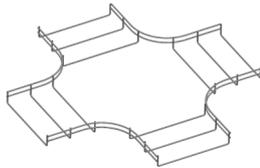
WIREMESH CABLE TRAY ACCESSORIES



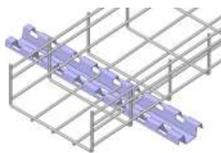
Horizontal Bend (Elbow)
Used for horizontal direction changes in the cable pathway



Vertical Inside Bend
Allows cable tray to transition vertically upwards



Cross (Four-Way Junction)
Splits cable routing into four directions



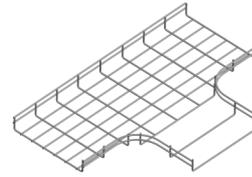
Mounting Channel
securely mount wiremesh cable trays onto threaded rods or support structures in ceiling or wall installations.



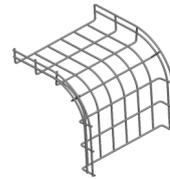
Spider Clamp
connect wiremesh cable trays at intersecting or branching points



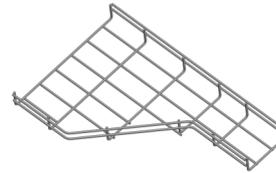
Splice Plate
Multi Purpose Connector



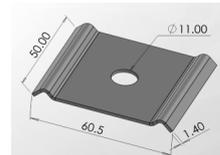
Tee (T-Junction)
Branches tray system into three directions



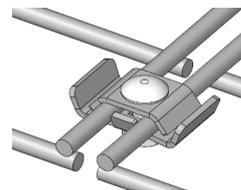
Vertical Outside Bend
Used for horizontal direction changes in the cable pathway



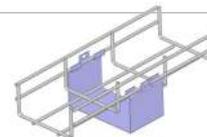
Reducer
Connects trays of different widths



Hold Down Clamp
fix wiremesh cable trays onto mounting channels or support brackets, preventing tray movement or vibration in ceiling and wall-mounted installations.



Splice Plate
join two straight sections of wiremesh cable tray,



Floor Mounting Clamp
fix wiremesh cable trays directly to the floor



WAVE WIREMESH CABLE TRAY

Waved Wire Mesh Cable Trays are an advanced version of standard wire mesh trays, featuring a wave-like structure for enhanced cable support, improved load-bearing capacity, and reduced cable sagging



These trays are widely used in industries where superior cable protection, easy accessibility, and efficient heat dissipation are required.



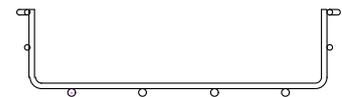
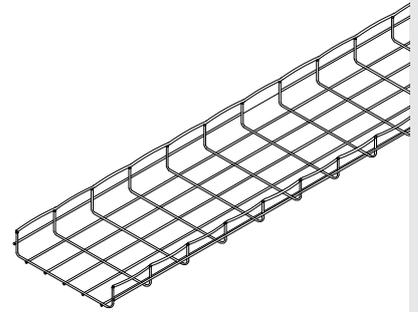
WAVE WIREMESH CABLE TRAY

BENEFITS OF WAVE WIREMESH CABLE TRAY

Feature	Advantage
Wave Design for Strength	Stronger Lateral Stability
High Ventilation & Heat Dissipation	Better Load Distribution
Quick & Flexible Installation	Reduced Vibration
Reduced Cable Stress	Cable Protection
Hygienic & Easy to Clean	Improved Aesthetics
Corrosion-Resistant Material	

WAVE WIREMESH CABLE TRAY

ST-WMCT-100/50/5-SS304



Code	Height (H) mm	WIRE DIAMETER	Length (L) mm
ST-WMCT-50	50 mm	4 mm 5 mm 6 mm	2500 mm to 6000 mm
ST-WMCT-75	50 mm/75 mm		
ST-WMCT-100	50 MM 75 mm 100 mm		
ST-WMCT-150			
ST-WMCT-200			
ST-WMCT-300			
ST-WMCT-400			
ST-WMCT-450			
ST-WMCT-500			

- ▶ Electro Galvanized
- ▶ Duly Hot Dip Galvanized - IS 2629
- ▶ 11 Tank Powder Coated - IS 2062
- ▶ Stainless Steel (304 / 316)



UNDERFLOOR RACEWAY (TRUNKING)

The Underfloor Raceway (Trunking) System is designed to provide a concealed and protected pathway for power, data, and communication cables beneath the floor



It ensures efficient cable management in commercial buildings, data centers, offices, and industrial facilities where aesthetic appeal and safety are critical



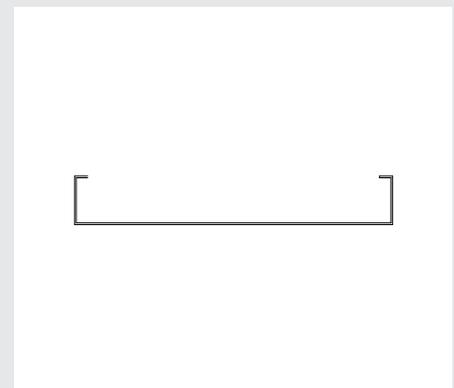
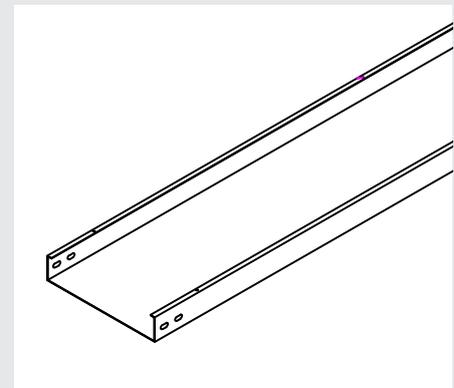
UNDERFLOOR RACEWAY (TRUNKING)

BENEFITS OF UNDERFLOOR RACEWAY (TRUNKING)

Feature	Advantage
Concealed Cable Management	Clean and Hidden Cable Management
Modular and Scalable Design	Future Flexibility
Load-Bearing Strength	Enhanced Aesthetics
Quick and Easy Installation	Safety & Reduced Tripping Hazards
Multiple Compartment Options	Supports Multiple Services
Corrosion & Fire Resistance	Quick Maintenance Access
Customizable Configurations	Improved Air Circulation

UNDERFLOOR RACEWAY (TRUNKING)

ST-UR-100/50/2-PG



Code	Height (H) mm	Thickness Range	Length
ST-UR50	25 mm 40 mm 50 mm 75 mm 100 mm	1.2 mm 1.5 mm 2.0 mm 2.5 mm 3.0 mm	2500 mm to 6000 mm
ST-UR75			
ST-UR100			
ST-UR150			
ST-UR200			
ST-UR300			
ST-UR400			
ST-UR450			
ST-UR500			
ST-UR600			

- ▶ GI Pre Galvanized IS 277
- ▶ 11 Tank Powder Coated - IS 2062
- ▶ Duly Hot Dip Galvanized - IS 2629
- ▶ Stainless Steel (304 / 316)



JUNCTION BOX

The Underfloor Junction Box is a crucial component of the Underfloor Raceway System, designed to provide secure access points for power, data, and communication cables.



It allows for cable branching, distribution, and termination while maintaining a concealed and organized cable management system.



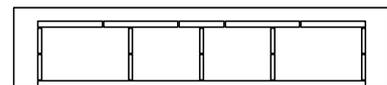
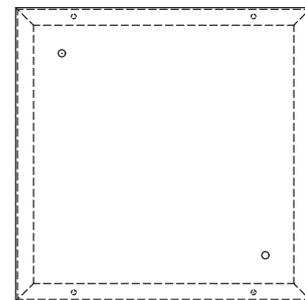
JUNCTION BOX

BENEFITS OF JUNCTION BOX

Feature	Advantage
Seamless Integration	Provides easy access to underfloor wiring
Multiple Cable Entry Points	Ensures safe and organized cable management
High Load-Bearing Capacity	Enables flexibility for reconfiguration
Removable Cover with Secure Locking	Supports power, LAN, data, and telephone connections in one unit

JUNCTION BOX

ST-JB-100/60/2-PG



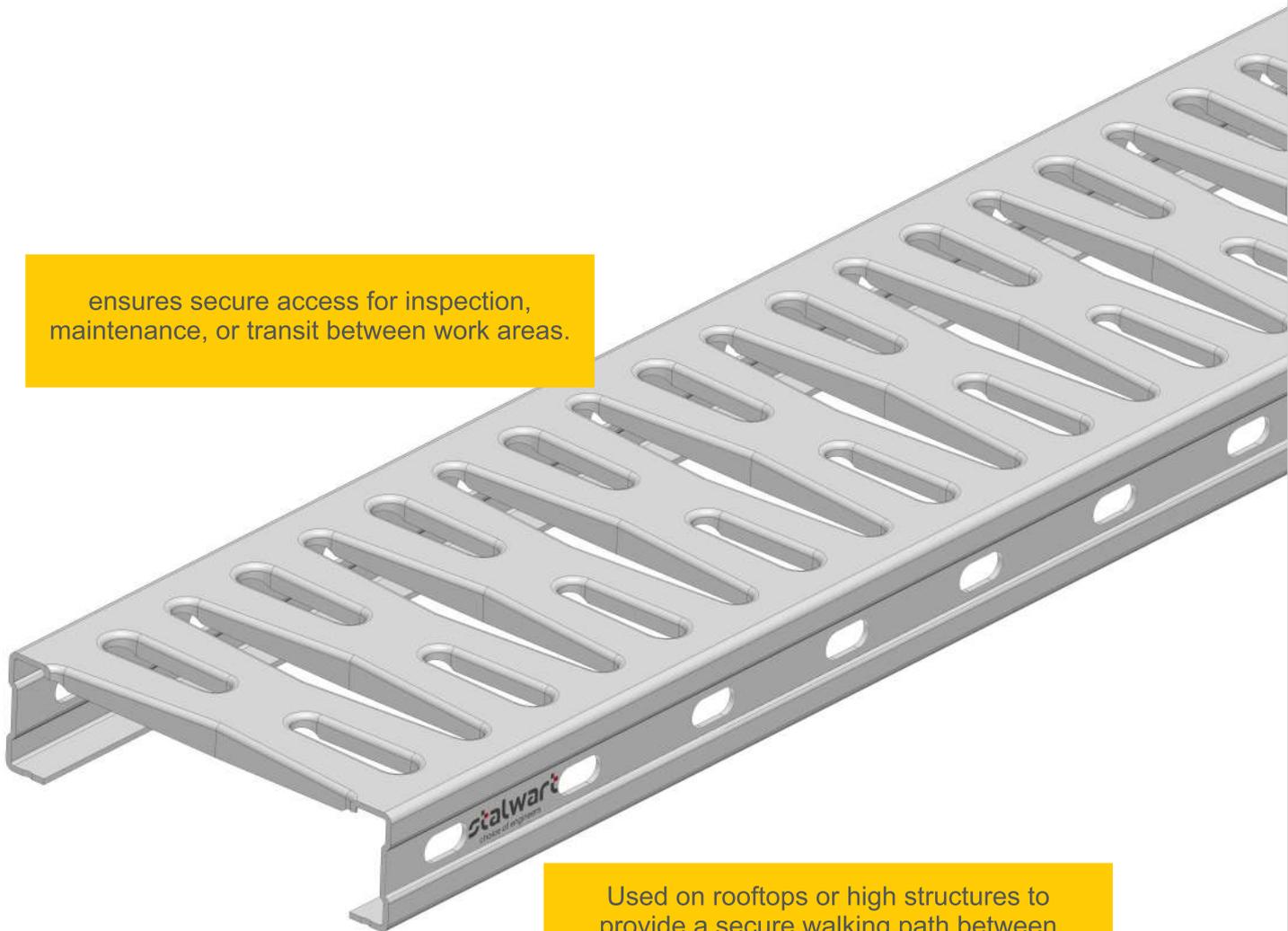
Code	Height (H) mm	Thickness Range
ST-JB100	50 mm 60 mm 85 mm 110 mm	1.2 mm 1.5 mm 2.0 mm 2.5 mm 3.0 mm
ST-JB150		
ST-JB200		
ST-JB250		
ST-JB300		
ST-JB400		
ST-JB500		
ST-JB600		
ST-JB650		

- ▶ GI Pre Galvanized IS 277
- ▶ 11 Tank Powder Coated - IS 2062
- ▶ Duly Hot Dip Galvanized - IS 2629
- ▶ Stainless Steel (304 / 316)



WALKWAY

ensures secure access for inspection, maintenance, or transit between work areas.



Used on rooftops or high structures to provide a secure walking path between equipment like HVAC units, solar panels, or electrical panels.



WALKWAY

Technical Specification	
Width	300mm – 1000mm
Height	25mm – 100mm
Thickness	1.5mm – 3.0mm
Length	2500mm, 3000mm
Surface	Non-Perforated Solid Plate
Load Capacity	Suitable for foot traffic + cable protection
Accessories	Support Brackets (optional)

Used In Departments with Purpose

Department / Industry	Why Used
Cold Storage Units	For ventilation and anti-slip access in low-temperature environments
Pharmaceutical Plants	To maintain hygiene and airflow under cleanroom flooring
Food & Beverage Industries	For drainage and sanitation in wet processing zones
Warehousing & Distribution Centers	As mezzanine floors to maximize vertical space and ease of access
HVAC & Utility Rooms	For safe maintenance access with proper airflow below equipment
Electrical Substations	For elevated cable routing and technician access
Chemical & Fertilizer Industries	Corrosion-resistant flooring for safety and ventilation
Clean Room Facilities	For air circulation and contamination-free operations
Logistics & Packing Areas	To provide durable elevated walking paths above congested floor areas
Maintenance Platforms	For secure technician movement and inspection access

Applications / Use

- ▶ **Cold Storage Flooring:** Installed above insulation layers to provide safe, ventilated access in freezing environments
- ▶ **Mezzanine Flooring:** Used in both cold and normal climates to improve airflow and optimize space
- ▶ **General Walkway Platform:** Designed for walking in industrial areas, maintenance access, or elevated zones
- ▶ **Warehouses & Distribution Centers:** Ideal for creating elevated paths between storage zones without blocking ventilation

Benefits

- ▶ **Ventilation & Airflow:** Open-mesh design allows free circulation of air, critical for maintaining temperature uniformity
- ▶ **Used for Walking:** Strong enough to support foot traffic across industrial or storage environments
- ▶ **Prevents Moisture & Ice Buildup:** Reduces risk of accidents in cold storage due to condensation
- ▶ **Slip-Resistant & Durable:** Ideal for wet or freezing conditions, offering long-lasting performance
- ▶ **High Load Bearing:** Supports maintenance personnel, trolleys, or light equipment
- ▶ **Easy to Clean & Maintain:** Open structure makes debris and moisture drainage simple

- ▶ **GI Pre Galvanized IS 277**
- ▶ **11 Tank Powder Coated - IS 2062**
- ▶ **Duly Hot Dip Galvanized - IS 2629**
- ▶ **Stainless Steel (304 / 316)**



ACCESSORIES

Accessories play a critical role in installing, supporting, and connecting cable trays in industrial, commercial, and infrastructure projects. Choosing the right accessories ensures a safe, durable, and efficient cable tray system.

- ▶ **Hanging Accessories** (For ceiling-suspended installations)
- ▶ **Mounting Accessories** (For wall-mounted or floor-supported installations)

Hanging Accessories

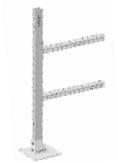
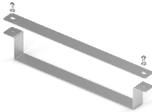
Accessory	Material	Size	Thickness	Usage	Products
Double Bended C Channel	GI, Hot-Dip, Powder Coated, SS 304/316	35x15mm	1mm – 2.5mm	Used for heavy-duty support of cable trays, ribbed C channels provide added strength and stability for long-span or high-load installations.	
C-Channel	GI, Hot-Dip, Powder Coated, SS 304/316	30x10, 30x15, 35x10, 35x15mm and Customized	1mm – 2.5mm	Provides structural support for hanging cable trays	
Z-Channel	GI, Hot-Dip, Powder Coated, SS 304/316	Custom Sizes	1.5mm – 2.5mm	Alternative to C-channel for lighter loads	
Bullet Fastener	GI, MS, Zinc-Plated	M6 - M12	—	Used for quick and secure anchoring in concrete ceilings	
Anchor Fastener	GI, MS, Zinc-Plated	M6 - M16	—	Provides heavy-duty anchoring in concrete and brick walls	
Nut & Washer	GI, MS, Zinc-Plated	M6 - M16	—	Ensures tight and secure fastening of rods and brackets	
Full Threaded Rod	GI, MS, Zinc-Plated	M6 - M16, Length: 2mtr	—	Used for height-adjustable suspension of cable trays	



ACCESSORIES

Mounting Accessories

Used to attach cable trays to walls, floors, or vertical structures for strong and stable installations.

Accessory	Material	Size	Thickness	Usage	Products
Wall Mounting Bracket	GI, Hot-Dip, Powder Coated	200mm - 600mm	1.5mm to 3mm	Fixes cable trays to walls	
Cantilever Bracket	GI, Hot-Dip, Powder Coated	Various hole patterns	1.5mm to 3mm	Used for hanging cable trays from ceilings	
Floor Mounting Clamp	GI, Hot-Dip, Powder Coated	Custom Sizes	1.5mm to 3mm	Floor mounting clamps are used to anchor C channels to the floor, creating a stable base structure. Cable trays are then mounted on these C channels, allowing secure and elevated support for routing cables in ground-level installations.	
Cover Fitting Clamp (C-Type)	GI, Hot-Dip, Powder Coated	Various Sizes	1.5mm to 3mm	Holds covers securely on perforated trays	



**CRAFTING THE
FUTURE
OF
CONNECTIVITY**



STRUCTURE SUPPORT SYSTEM

UNISTRUT CHANNEL

Strut Channels are modular support systems designed for easy and flexible installation of mechanical, electrical, and plumbing (MEP) services. Made from high-strength steel and available in a range of sizes and finishes, these channels form the backbone of structural framing applications across industries.

Fast & Flexible

Easy to assemble, adjust, and expand



Custom Solutions

Tailor-made sizes, finishes & fittings



STRUCTURE SUPPORT SYSTEM

ST-GRIPRIB SERIES

Combination Power: Reinforced ribs + internal teeth = unmatched strength + locking grip

ST-GRIPRIB 41X41 (1-5/8" × 1-5/8")

Item Code : S-GRIPRIB-41/41-SL

Finish : Pre Galvanized, Hotdip, Powder Coated

Length : 2.5mtr, 3mtr, 6mtr and Custom

WEIGHT 41X41:

12 GA - 2.70kg/mtr

14 GA - 2.20kg/mtr

TECHNICAL FEATURES

Profile Types: Slotted / Unslotted

Sizes Available:

41 x 41 mm (1-5/8" x 1-5/8")

41 x 61 mm (1-5/8" x 2-3/8")

41 x 82 mm (1-5/8" x 3-1/4") B2B

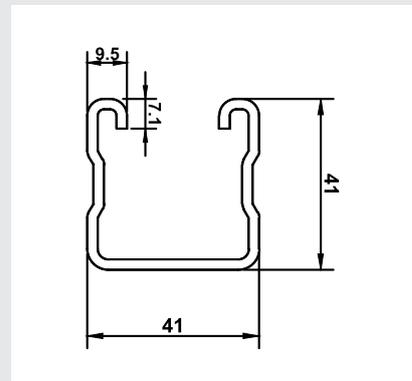
KEY BENEFITS

Zero Slip Assembly – Internal teeth offer superior anti-slip performance

Maximum Load Stability – Ribs boost rigidity and allow longer unsupported spans

High Vibration Resistance – Best for dynamic or industrial environments

Premium Engineering Finish – Designed for MEP, solar, infrastructure & mechanical industries



ST-POWERRIB SERIES

Ribs formed on both vertical sides of the strut

ST-POWERRIB 41X61 (1-5/8" × 2-3/8")

Item Code : S-POWERRIB-41/41-SL

Finish : Pre Galvanized, Hotdip, Powder Coated

Length : 2.5mtr, 3mtr, 6mtr and Custom

Weight 41x61:

12 GA - 3.50kg/mtr

14 GA - 2.80kg/mtr

Technical Features

Profile Types: Slotted / Unslotted

Sizes Available:

41 x 41 mm (1-5/8" x 1-5/8")

41 x 61 mm (1-5/8" x 2-3/8")

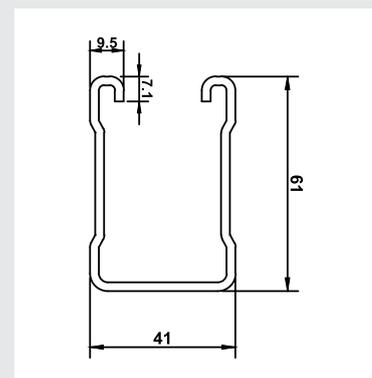
41 x 82 mm (1-5/8" x 3-1/4") B2B

KEY BENEFITS

Superior Structural Strength for frame and load applications

Improved Span Capacity compared to plain channels of the same thickness

Reduces Vibration & Flex in dynamic or outdoor installations"





STRUCTURE SUPPORT SYSTEM

ST-SERRATEK SERIES

Full-Length Internal Teeth – Ensure maximum locking grip with standard spring nuts and fasteners

ST-SERRATEK 41X21 (1-5/8" x 13/16")

Item Code : S-SERRATEK-41/21-SL

Finish : Pre Galvanized, Hotdip, Powder Coated

Length : 2.5mtr, 3mtr, 6mtr and Custom

Weight 41x21:

12 GA - 2.00kg/mtr

14 GA - 1.60kg/mtr

Technical Features

Profile Types: Slotted / Unslotted

Sizes Available:

41 x 21 mm (1-5/8" x 13/16")

41 x 41 mm (1-5/8" x 1-5/8")

41 x 61 mm (1-5/8" x 2-3/8")

41 x 82 mm (1-5/8" x 3-1/4") B2B

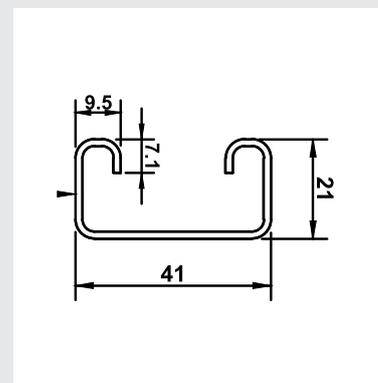
KEY BENEFITS

High Anti-Slip Safety – Prevents any movement or loosening under load

Ideal for Suspension Systems – Strong hold for electrical, piping, and ducting supports

Flexible Fitment – Compatible with toothed nuts, bolts, U-brackets, and clamps

Time-Saving Assembly – No need to over-tighten – teeth lock securely at first contact



ST-AXISLINE SERIES

Classic Universal Profile – Compatible with all industry-standard fittings and clamps

ST-AXISLINE 41X41 (1-5/8" x 13/16")

Item Code : S-AXISLINE-41/21-SL

Finish : Pre Galvanized, Hotdip, Powder Coated

Length : 2.5mtr, 3mtr, 6mtr and Custom

Weight 41x41 :

12 GA - 2.70kg/mtr

14 GA - 2.20kg/mtr

Technical Features

Profile Types: Slotted / Unslotted

Sizes Available:

41 x 21 mm (1-5/8" x 13/16")

41 x 41 mm (1-5/8" x 1-5/8")

41 x 61 mm (1-5/8" x 2-3/8")

41 x 82 mm (1-5/8" x 3-1/4") B2B

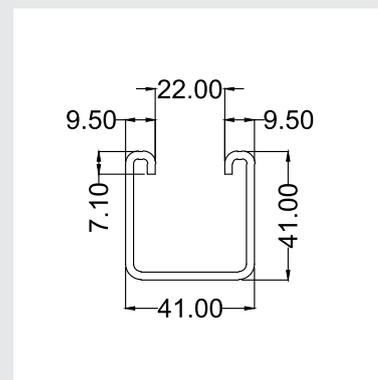
KEY BENEFITS

Easy to Assemble – Allows repositioning and sliding of accessories during setup

Light to Medium Load Handling – Well suited for standard installations

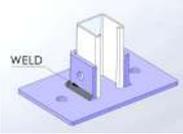
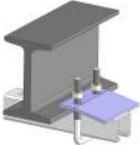
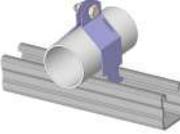
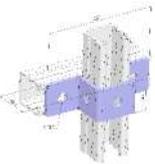
Adaptable Mounting – Horizontal, vertical, ceiling, or wall mounting

Flexible & Customizable – Supports multiple accessories and adjustable designs



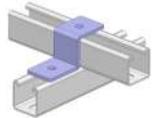
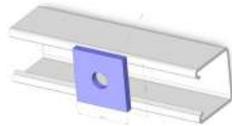
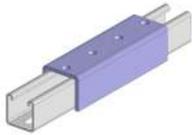


STRUT MAGIC ACCESSORIES

Accessory	Uses	Benefits	
Cantilever Support System	<ul style="list-style-type: none"> - Wall-mount support for trays/pipes - Used in HVAC, cable trays, lighting fixtures 	<ul style="list-style-type: none"> - Withstands heavy loads (up to 1200 kg) - Saves floor space - Easy wall fixing - Adjustable length & spacing 	
Base Plate Bracket	<ul style="list-style-type: none"> - Mount vertical channels to floor/wall - Foundation for vertical structures - Used in racking systems and frames 	<ul style="list-style-type: none"> - Provides strong base - Ensures vertical stability - Easy to anchor - Handles heavy load - Increases structural life 	
Base Plate Bracket (B2B)	<ul style="list-style-type: none"> - Dual channel base support - Heavy-duty vertical frames - Pipe/cable tray structures 	<ul style="list-style-type: none"> - Higher load-bearing strength - Dual-side support - Stable foundation - Anti-vibration design 	
Spring Nut	<ul style="list-style-type: none"> - Fix accessories anywhere on channel - Fasten brackets and fittings - Used in piping and support systems 	<ul style="list-style-type: none"> - Quick installation - No tools required - Adjustable positioning - High grip teeth - Time-saving during assembly 	
U Bolt for Channel	<ul style="list-style-type: none"> - Clamp pipes/conduits to channel - Secure cylindrical objects - Used in plumbing and HVAC setups 	<ul style="list-style-type: none"> - Firm pipe holding- Reduces vibration - Reusable - Supports wide pipe diameters - Rust-resistant coating 	
Pipe Clamps	<ul style="list-style-type: none"> - Secure and align pipes - Hold vertical/horizontal pipelines - Used in water, HVAC, and fire systems 	<ul style="list-style-type: none"> - Firm grip- Available in cushioned type - Corrosion resistant (SS) - Easy maintenance - Dampens pipe vibration 	
I Beam Clamp	<ul style="list-style-type: none"> - Attach channel to I-beam flange - Used in suspended systems and ceilings - Temporary or permanent setups 	<ul style="list-style-type: none"> - No welding or drilling - Adjustable grip - Withstands high loads - Easy relocation - Ideal for retrofitting 	
Flat Plates	<ul style="list-style-type: none"> - Splice channels inline - Reinforce or patch joints - Used in channel extensions 	<ul style="list-style-type: none"> - Even load distribution - Strong joining of channels - Multi-hole options - Saves cost and time 	
Channel U Bracket	<ul style="list-style-type: none"> - Create U-shape frame - Mount panels, motors, trays - Use in enclosures/support assemblies 	<ul style="list-style-type: none"> - Sturdy construction - Easy bolting - Compact design - Load-bearing performance 	



STRUT MAGIC ACCESSORIES

Accessory	Uses	Benefits	
Channel Z Bracket	<ul style="list-style-type: none"> - Offset mounting - Wall/ceiling mount trays - Pipe support at depth 	<ul style="list-style-type: none"> - Maintains clearance - Space-efficient - Ensures parallel fitting - Reduces installation effort 	
Single Hole Washer	<ul style="list-style-type: none"> - Spread load under bolt - Prevent nut pull-through - Used with spring nuts and brackets 	<ul style="list-style-type: none"> - Prevents hardware damage - Improves bolt grip - Corrosion resistant - Increases joint life 	
Double Hole Washer	<ul style="list-style-type: none"> - Align two bolts in channel - Strengthen fixture base - Used in heavy load conditions 	<ul style="list-style-type: none"> - Stronger support - Larger contact surface - Minimizes movement - Corrosion resistant 	
U Coupler	<ul style="list-style-type: none"> - Extend strut channel - End-to-end joining - Used in outdoor or corrosive environments 	<ul style="list-style-type: none"> - High rust resistance (Ss316) - Neat alignment - Strong and long-lasting - Maintains structural strength 	
L bBracket	<ul style="list-style-type: none"> - Connect channels at 90° angle - Used in SS-based frames and racks - Preferred in pharma, marine, and food industry 	<ul style="list-style-type: none"> - Corrosion-proof (Ss316) - Precise corner fit - Ideal for hygienic environments - Long service life 	
90° Angle Bracket – 2 Hole	<ul style="list-style-type: none"> - Light-duty 90° joints - Frame corners - Shelving and tray brackets 	<ul style="list-style-type: none"> - Quick to install - Compact and durable - Maintains structure angle - Cost-effective 	
Tee Bracket	<ul style="list-style-type: none"> - Create “T” intersections - Join three strut channels - Modular framework connections 	<ul style="list-style-type: none"> - Versatile connections - Stable intersections - Easy to assemble and disassemble 	



EARTHING MATERIAL

Application: Electrical grounding in industrial and power systems

Earthing Strips

Finish: GI, Hotdip Galvanized, Copper etc.

Length: 5 to 6 meters uneven

Sizes	Uses	Applications	Products
50*6	Connect electrical equipment to earth	<ul style="list-style-type: none"> - Transformers - Control panels - LT/HT systems - Substations 	
25*6			
25*3	Discharge fault current safely		
75*8			
50*6			
75*10			
75*12			
40*5			
40*6			
25*3			
50*10			
32*6			

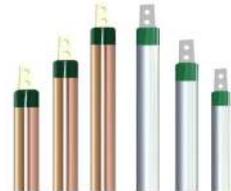
Earthing Wires

Uses	Applications	Products
Bonding of electrical systems Equipotential grounding	<ul style="list-style-type: none"> - Electrical panels - Lightning arresters - Domestic & industrial wiring 	

Chemical Earthing Compound (Bag)

Uses	Applications	Products
Enhances soil conductivity Maintains moisture around electrodes	<ul style="list-style-type: none"> - Solar systems - Telecom towers - Industrial and commercial earthing pits 	

Chemical Earthing Electrode

Uses	Applications	Products
Safe dissipation of fault current Prevents damage to equipment and human life	<ul style="list-style-type: none"> - Power stations - Solar systems - Telecom towers - Industrial and commercial grounding systems 	



**PRECISION
PATHWAYS FOR
POWER
PROGRESS**



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WARE HOUSE STORAGE RACKING SYSTEM



System	Applications / Use
Heavy Duty Storage Racking System	Industrial storage, heavy inventory, logistics
Selective Pallet Racking System	Palletized goods, FMCG, cold storage, distribution centers
Multi Tier Racking System	Retail warehouses, spare parts storage, e-commerce fulfillment, apparel storage
Drive In Racking System	High-density storage, cold storage, bulk inventory, low SKU high-volume goods
Shuttle Racking System	High-density automated storage, cold storage, distribution hubs, fast-moving inventory
Roll Rack	Storage of fabric rolls, carpets, rubber sheets, flexible material handling
Mold Rack	Tooling storage, mold and die storage, heavy-duty industrial parts, maintenance workshops
Modular Mezzanine Floor	Maximize vertical space in warehouses, showrooms, factories
Long Span Shelving System	Warehouses, e-commerce, general stores, Office storage, retail

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UNDERFLOOR RACEWAY (TRUNKING)
XS - PERFORATED CABLE TRAY
EMBOFLANGE PERFORATED CABLE TRAY
WAVE WIREMESH CABLE TRAY
EMBOFLANGE LADDER TYPE CABLE TRAY
STANDARD LADDER TYPE CABLE TRAY WIREMESH CABLE TRAY
JUNCTION BOX
STANDARD PERFORATED CABLE TRAY
ROLLED FLANGE LADDER CABLE TRAY
UNISTRUT CHANNEL



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