

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

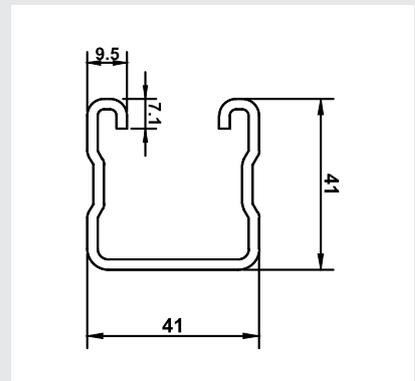
KEY BENEFITS

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")

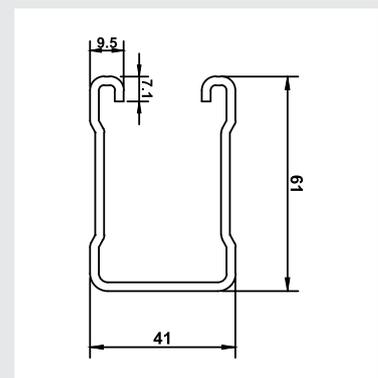
41 x 82 mm (1-5/8" x 3-1/4") B2B

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

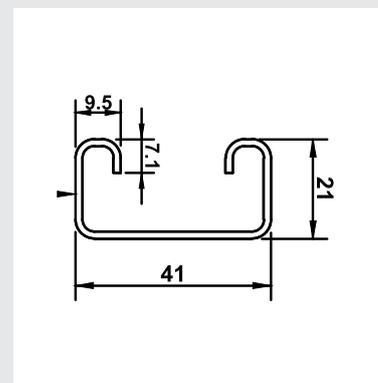
KEY BENEFITS

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

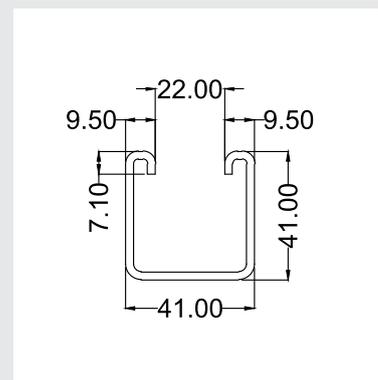
KEY BENEFITS

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

Light to Medium Load Handling – Well suited for standard installations

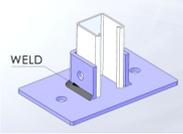
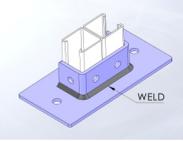
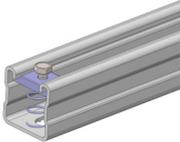
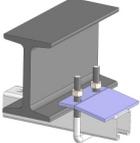
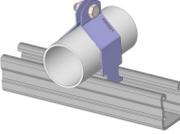
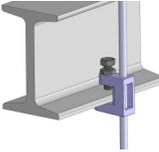
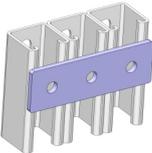
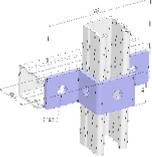
Adaptable Mounting – Horizontal, vertical, ceiling, or wall mounting

Flexible & Customizable – Supports multiple accessories and adjustable designs



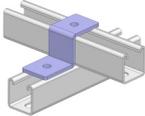
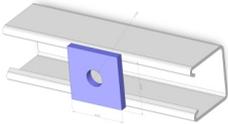
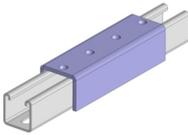
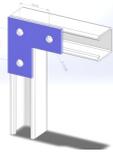
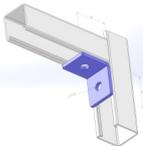


STRUT MAGIC ACCESSORIES

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 	