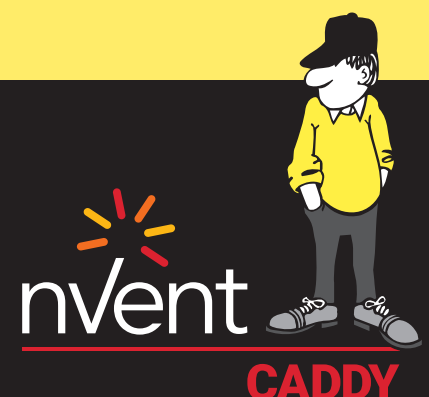




CONNECT AND PROTECT

Fixing, Fastening, and Support Products





Commercial builders, energy companies, data-center operators and industrial producers worldwide have long trusted nVent CADDY, ERICO, HOFFMAN, RAYCHEM, SCHROFF and TRACER products for their electrical connection and protection needs.

These market-leading brands have united under a new company: nVent.

As nVent, established electrical brands that previously were part of the diverse Pentair offerings have joined forces under a single mission: the belief that safer systems ensure a more secure world. nVent connects and protects customers with inventive electrical solutions.

Maximize your productivity. Minimize downtime. Reduce operating costs. Trust nVent to connect and protect your electrical infrastructure.

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All dimensions are $\pm 5\%$. Product designs and specifications are subject to change without notice.
For the most recent and updated information consult our website at nVent.com/CADDY

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at nVent.com/CADDY and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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Featured Products



Featured Products

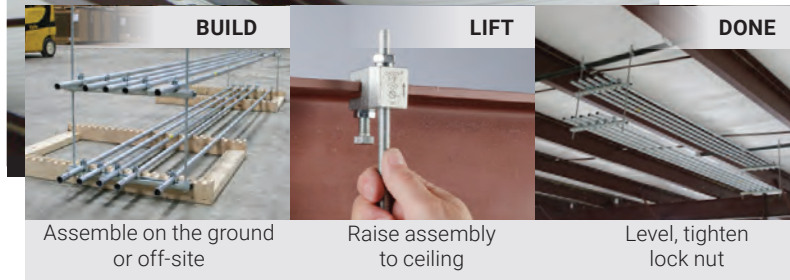
ROD LOCK

– See Page 231 –



The Rod Lock family of products allows contractors to prefabricate complex assemblies at ground level or offsite, and then easily lift and lock them into place by pushing the threaded rod supports into the Rod Lock device. This ingenious technology works with threaded rod with burrs or imperfections, helping to eliminate clean-up time or the need to replace damaged threaded rod.

The most unique feature of the system is its breakthrough “push-to-install” design, which dramatically reduces the installation time of threaded rod support structures when compared to conventional fasteners. Simply speaking – Rod Lock is revolutionizing how contractors support conduit, cable tray, lights, ductwork and pipe by helping to make installations faster, easier and more secure.



SPEED LINK

– See Page 243 –



The Speed Link SLK system provides a versatile overhead support solution that is easy to adjust and installs quickly to almost any structure. The system supports a wide range of applications, including ductwork, pipe and tube, cable tray, lighting, conduit, strut profiles and signage from overhead structural building members. It is available with a variety of specialty end fittings for the most common building structure types, a range of wire rope diameters and lengths, and includes a unique keyless locking device.

- Push/pull keyless release allows easy adjustments
- System supports both 1.5 mm and 2 mm cables
- Low-profile locking device minimizes visual impact
- Cable spread of 90 degrees allows positioning the device closer to the load
- Keyless release tubes are easy to operate while wearing gloves
- Double-sided locking mechanism enables simple height adjustment
- Individual packaging holds wire rope neatly until objects are ready to install

Featured Products

CAT HP

– See Page 120 –



The Cat HP J-Hook System is an advanced, non-continuous pathway support solution for today's high-performance cabling systems. Highly engineered features help ensure a stable and secure installation that complies with industry codes and standards for high-performance cables.

The Cat HP System is a cost-effective alternative to using wire mesh cable tray, ladder tray or similar complex alternatives. It requires significantly less material and installs in a fraction of the time of other methods. This versatile solution accommodates a wide range of attachment methods and is available as individual J-Hooks, pre-built Cat HP assemblies and multi-tiered trees, as well as interchangeable Cat HP components. The Cat HP J-Hook System provides the perfect combination of performance, time savings and versatility required by today's datacom and electrical contractors.

PYRAMID

– See Page 265 –



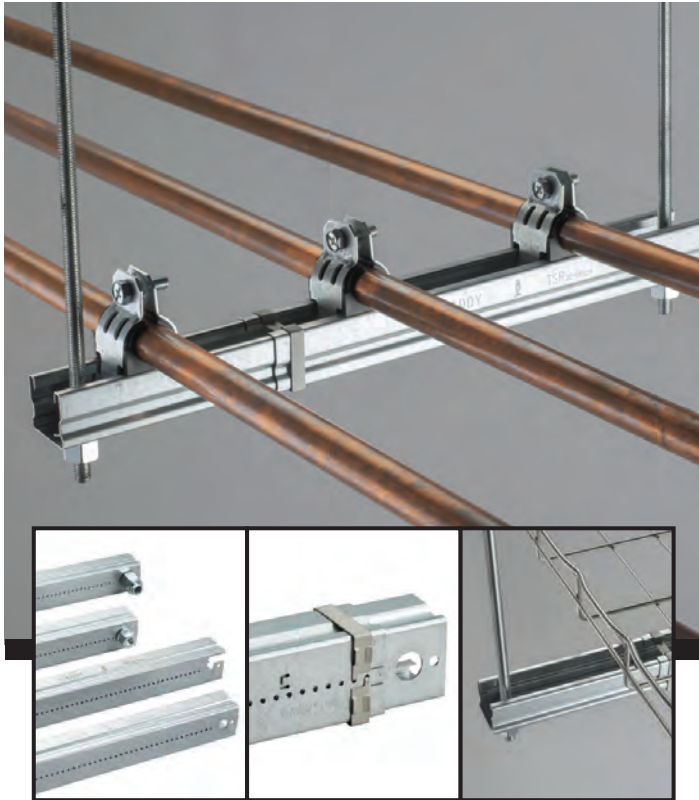
Pyramid rooftop supports are a surface mounted solution for supporting electrical and mechanical applications on a variety of roof surfaces. They offer superior load capacity and dramatically reduce installation time by replacing slow, heavy and labor-intensive methods for support of pipe, conduit, duct, cable tray and equipment. Unlike wood blocks, Pyramid supports are specifically designed for rooftop applications, incorporating unique materials and finishes that protect roof membranes and provide superior corrosion protection.



Featured Products

TELESCOPING STRUT REPLACEMENT

– See Page 462 –



The Telescoping Strut Replacement is an innovative alternative to using strut-based trapeze or support structures to support cable tray, conduit or pipe. It eliminates the need for handling long lengths of strut and cutting sections of strut to size. The bracket telescopes to the desired length, attaches to threaded rod with a captive threaded nut at each end, and is locked in place by tightening a screw on a pre-installed steel band.

- Ready to use out of the box and eliminates the need for cutting sections of strut
- Captive threaded nuts enable fastening to threaded rod supports without loose parts
- Clearance holes help quickly create multi-level trapeze assemblies
- Supports up to four 2" conduits or four 2" water filled pipes at 10' spacing
- Works with the KBT Wire Basket Tray Clip for securing wire basket cable tray
- Works with SCH Single-Piece Strut Clamps



WIRE BASKET TRAY CLIP

– See Page 93 –

- Attaches wire basket tray to strut without additional hardware
- No tools required



115 STANDARD DUTY LOOP HANGER

– See Page 282 –

- Flared edges help prevent any sharp surfaces from coming into contact with the pipe (1/2" to 4" sizes)
- Retained insert nut helps ensure the loop hanger and insert nut stay together
- Recommended for the suspension of stationary non-insulated pipe lines
- Manufactured to use the minimum rod size permitted by NFPA® for fire sprinkler piping
- Conforms with Federal Specification WW-H-171 (Type 10), Manufacturers Standardization Society (MSS) SP-58 (Type 10)



NVENT CADDY MACROFIX PLUS LF LOW-FRICTION

– See Page 292 –

- Includes easy closing mechanism
- Age resistant lining designed specifically for plastic pipe applications
- Low-friction properties allow for expansion, contraction and easy sliding of pipe
- Conforms with Manufacturers Standardization Society (MSS) SP-58 (Type 12)
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109

Featured Products



NVENT CADDY SUPERFIX 243

- See Page 293 –
- Includes easy closing mechanism
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109



NVENT CADDY SWIFT CLIP STRUT CLAMP FOR TUBE/PIPE

- See Page 316 –
- Secures pipe while allowing it to expand, preventing cracked and fractured joints
- Snap-in and twist installation requires no tools
- Fits directly into vertical and horizontal strut channels
- Use for installation of refrigeration, A/C tubing and PEX piping in horizontal and vertical channels
- Compliant with UL® 2043 and suitable for use in air handling (plenum) spaces



MSS INLINE HAMMER-ON STRAP HANGER

- See Page 352 –
- Supports pipe or duct from flange with banding or strapping



SBC STAMPED BEAM

- See Page 161 –
- Allows structural attachment to metal beams, bar joist, channel, or angle iron in top mount position only unless used on a parallel flange
- Lightweight, one-piece stamped body provides superior strength and eliminates deficiencies associated with castings
- Spins onto threaded rod and allows for easy adjustment
- Conforms with Federal Specification WW-H-171 (Type 23), Manufacturers Standardization Society ANSI®/MSS-SP-58 (Type 19)



NVENT CADDY SWIFT CLIP STRUT CLAMP FOR INSULATED TUBE/PIPE

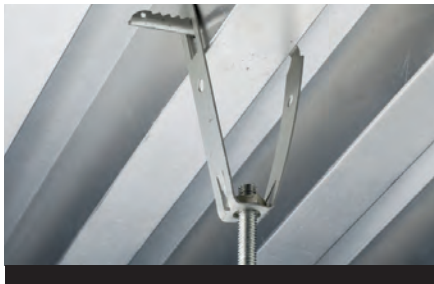
- See Page 317 –
- Secures pipe and insulation without a break, providing an uninterrupted vapor barrier seal which eliminates sweating on metal fittings
- Snap-in and twist installation requires no tools
- Fits directly into vertical and horizontal strut channels
- For support and positioning of refrigeration, A/C tubing, PEX piping, conduit and cabling
- Compliant with UL® 2043 and suitable for use in air handling (plenum) spaces



NVENT CADDY CUSHION CLAMP INSULATED STRUT CLAMP FOR PIPE/TUBE

- See Page 318 –
- Fits into open side of strut channel
- Plastic cushion is hinged to spread apart for easy installation
- Reduces noise and absorbs shock by gripping the pipe/tube firmly
- Square neck of carriage bolt prevents over-tightening
- Nylon locknut prevents loosening under vibration

Featured Products



TDHM TRAPEZOIDAL DECK HANGER WITH FIXED NUT

– See Page 284 –

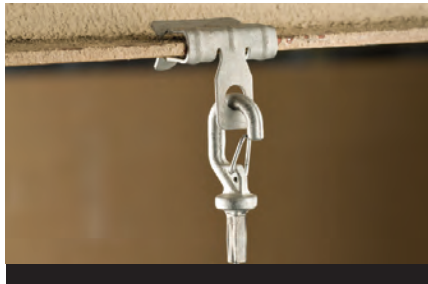
- Easy install
- Use TDHP perforation tool to punch hole in decking



TDHA TRAPEZOIDAL DECK HANGER WITH ROTATING NUT



TDHI TRAPEZOIDAL DECK HANGER WITH SOUND INSULATED NUT



HAMMER-ON FLANGE CLIP, SIDE MOUNT

– See Page 174 –

- Provides an attachment for wire, S-hooks, chain, Speed Link or other assemblies to flanges and profiles
- Fits most beams
- Installs with just a hammer



CABLE TIE HOLDER WITH FLANGE CLIP

– See Page 69 –

- Used to support cables from beam flanges
- Requires only a hammer to install



SC CABLE SNAP CLIP

– See Page 65 –

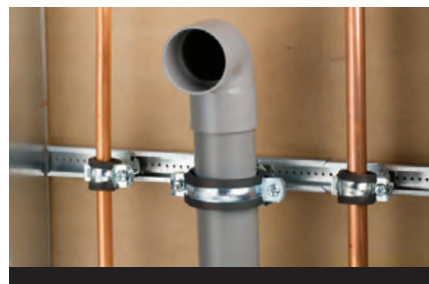
- Easily supports cable from flanges
- Requires only a hammer to install



HAMMER-ON FLANGE CLIP, BOTTOM MOUNT WITH STUD

– See Page 174 –

- Can be used to support boxes, fixtures or other applications from beam flanges
- Captive threaded stud minimizes the need for additional hardware
- Assorted attachment points provided to reduce inventory
- Requires only a hammer to install

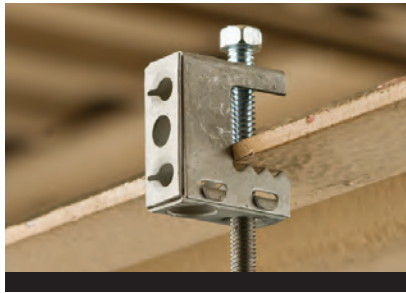


TELESCOPING SCREW GUN BOX BRACKET

– See Page 114 –

- Can mount multiple boxes
- Notched and marked for easy identification and bending
- Improved design with stamped inch markings and pilot holes accelerates precise box conduit mounting between studs
- Pilot holes allow easy box attachment with a screwdriver
- Requires only a screw gun to install
- Can be mounted to face or inside of stud
- Adjustable for non-standard stud spacing
- Interlocking tab prevents accidental disassembly
- Unique, one-piece, break apart design

Featured Products



EBC BEAM CLAMP

– See Page 161 –



RIGID BRACING

– See Page 370 –



CABLE BRACING

– See Page 381 –



300M UNIVERSAL BEAM CLAMP

– See Page 160 –



BRANCH LINE RESTRAINT SYSTEM

– See Page 386 –



ROD STIFFENERS

– See Page 388 –



H-TI/T ROD TO FLANGE CLIP

– See Page 177 –

- Suspends threaded rod from beam flanges
- Threaded rod hanger can swivel to provide a vertical dropdown
- Requires only a hammer to install

To help ensure the availability and operation of safety systems after an earthquake event, many building and industry codes now include requirements for the design and installation of seismic sway bracing for non-structural components, such as fire sprinkler, mechanical, electrical and plumbing systems. The innovative line of nVent CADDY Bracing Systems was developed to help keep fire sprinkler systems intact after a seismic event and to minimize water damage resulting from leaks or ruptures.

nVent CADDY Bracing Systems provide contractors with high-quality, engineered solutions, which include rigid bracing, cable bracing and rod stiffeners.

- Quick and easy installation
- Lower total installed cost
- Meets requirements of NFPA® 13
- cULus® Listed
- FM® Approved
- OSHPD® Pre-Approved

Featured Products



ROD LOCK ANCHOR SCREW

- See Page 233 –
- For use with concrete and solid brick
- Prefabricated assemblies easily lift and lock into place, helping to save time and money
- Works with slightly damaged threads and minor burrs on the threaded rod



ROD LOCK PLYWOOD FORM PRESET ANCHOR

- See Page 234 –
- Eliminate overhead drilling into building structure – Rod Lock Preset Anchors are cast in place
- Nails hold the anchor in place during the pour and easily break off with a strike of a hammer once the plywood forms are removed
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Works with slightly damaged threads and minor burrs on the threaded rod
- Prefabricated assemblies easily lift and lock into place, helping to save time and money
- Plastic flange acts as insert locator when the forms are removed
- Rod Lock Preset Anchors have a pending evaluation to AC446, Acceptance Criteria for Headed Cast-In Specialty Inserts in Concrete



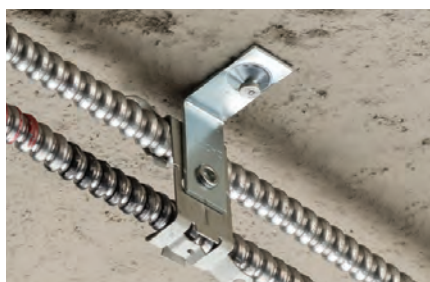
PUSH INSTALL ROD HANGER WITH SHOT-FIRE BRACKET

- See Page 197 –
- Suspends threaded rod without the need for additional hardware
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools



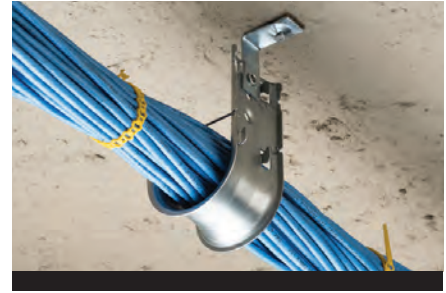
SNAP CLOSE CONDUIT/PIPE CLAMP WITH SHOT-FIRE BRACKET

- See Page 71 –



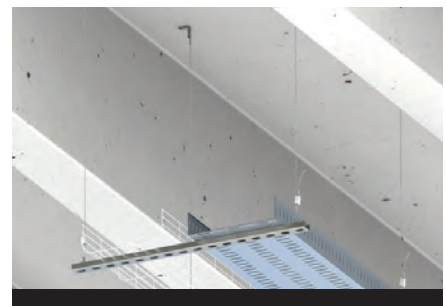
MC/AC CABLE TO STUD CLIP WITH SHOT-FIRE BRACKET

- See Page 75 –



CAT HP J-HOOK WITH SHOT-FIRE BRACKET

- See Page 132 –
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives

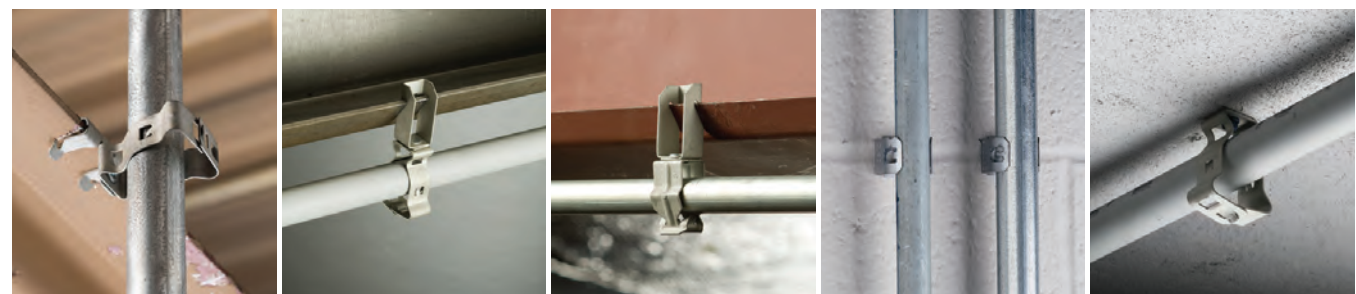


SPEED LINK SLK WITH SHOT-FIRE BRACKET

- See Page 245 –
- Complete system includes wire, locking device and shot-fire bracket with pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools

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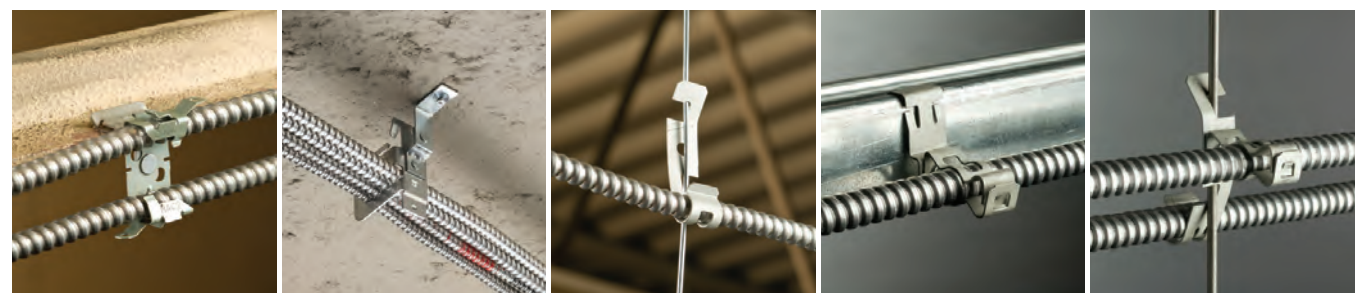
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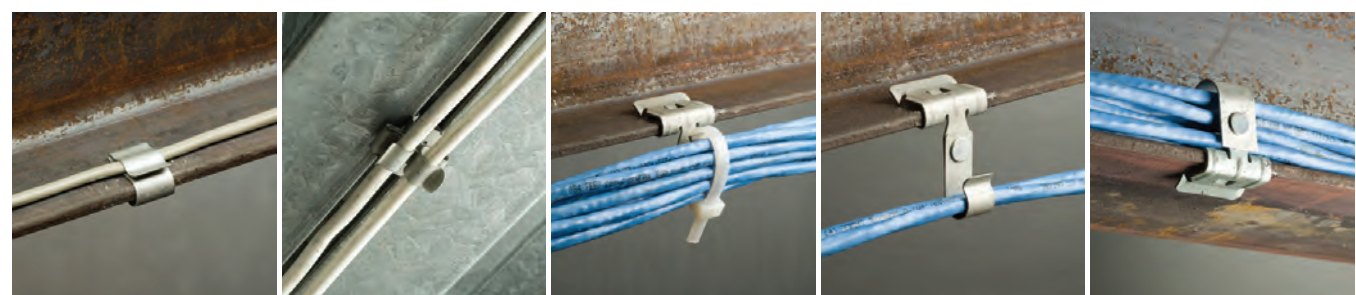
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CABLE/CONDUIT



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CEILING / ACOUSTICAL



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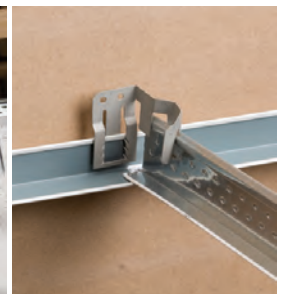
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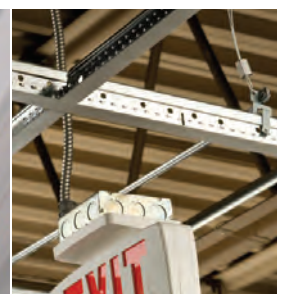
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Applications

STUDWALL



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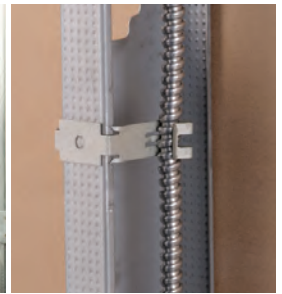
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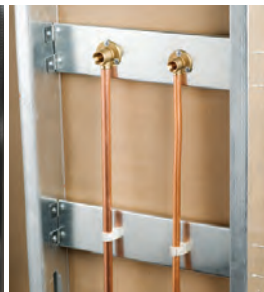
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DATA COM



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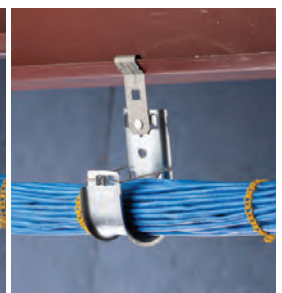
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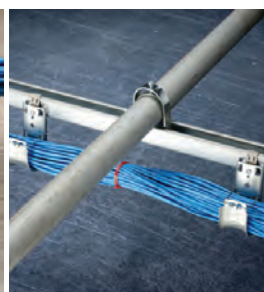
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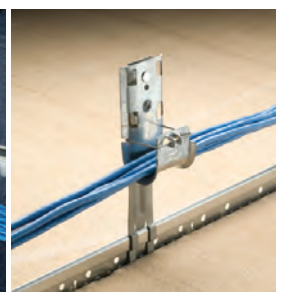
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Applications

DATACOM



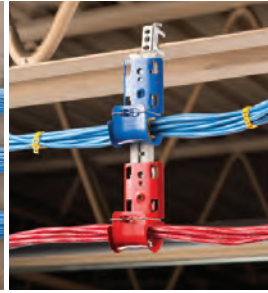
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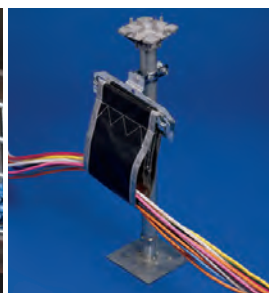
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Applications

STRUCTURAL ATTACHMENTS



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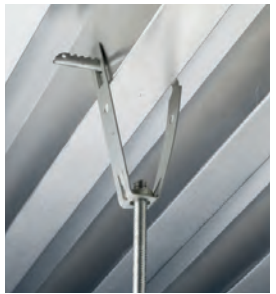
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Applications

WIRE ROPE



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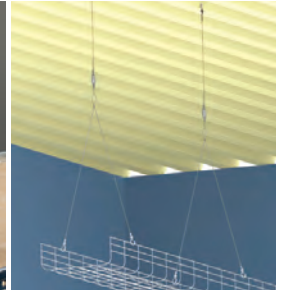
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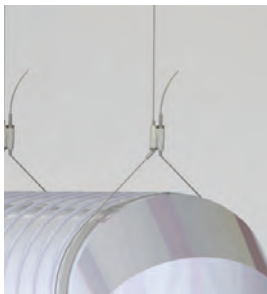
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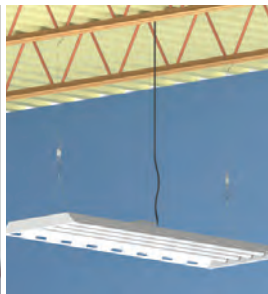
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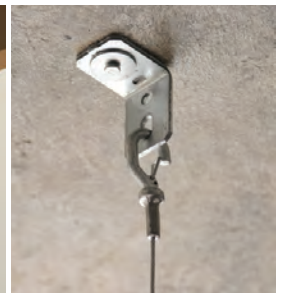
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PRE-FABRICATED TRAPEZE



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Applications

CONCRETE



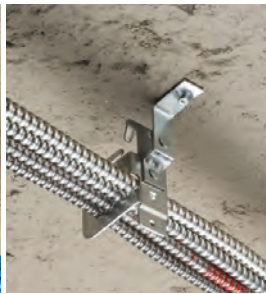
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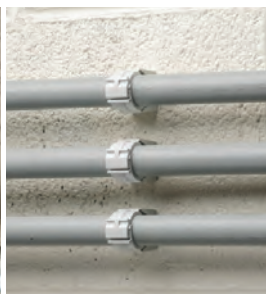
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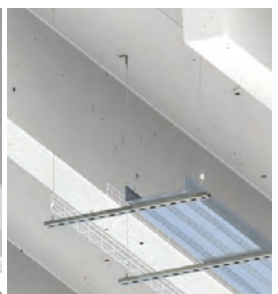
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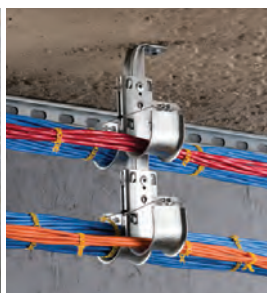
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Applications

THREADED ROD



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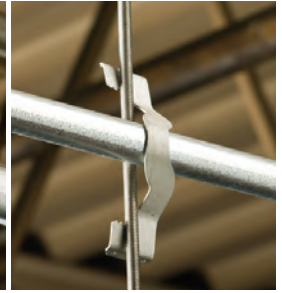
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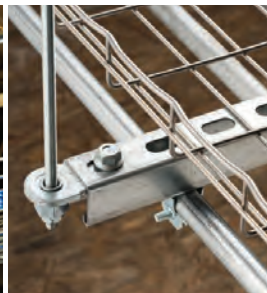
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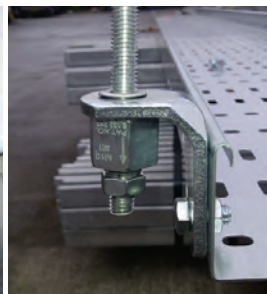
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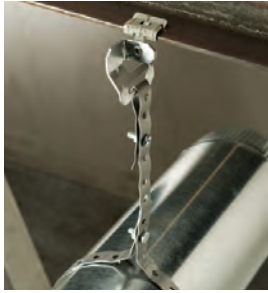
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Applications

DUCT



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ROOFTOP



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Applications

PIPE



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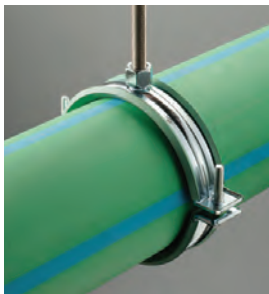
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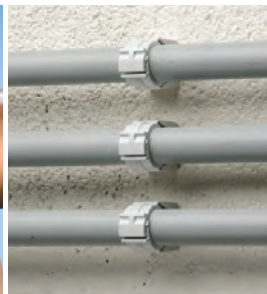
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STRUT



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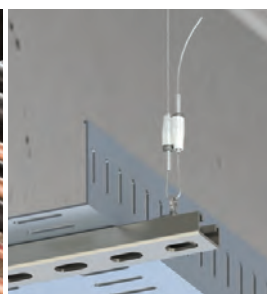
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Applications

RIGID BRACING



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Page 371, 375

CABLE BRACING



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Page 383

BRANCH LINE



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Picture Reference

CABLE / CONDUIT



56

BC200-CD Conduit to Beam Clamp



56

EM-P Conduit to Flange Clip



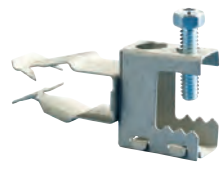
57

H-PSM Conduit to Flange Clip, Side Mount



57

BC-P Conduit to Beam Clamp



58

BC-PSM Conduit to Beam Clamp



58

H-PIN Conduit to Flange Clip



59

EM-M Conduit/Pipe to Flange Clip



60

H-MSM Conduit/Pipe to Flange Clip, Side Mount



61

BC-M Conduit to Beam Clamp



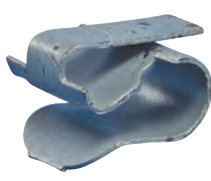
61

BC-MSM Conduit to Beam Clamp, Side Mount



62

HK Cable Snap Clip



62

HSC Hole Snap Clip



63

LB3B Cable Snap Clip



63

LF2/LF3 Cable Snap Clip



64

LF4/LF5 Cable Snap Clip



64

LR Cable Snap Clip



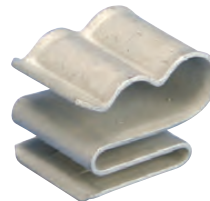
64

LSC Cable Snap Clip



65

SC Cable Snap Clip



66

Solar Snap Clip



66

SCA Cable Snap Clip Adaptor



66

SCB Cable Snap Clip Adaptor



67

SCD Dovetail Mount Cable Snap Clip Adaptor



67

MC/AC Cable to Flange Clip, Side Mount



68

Cable Tie with Flange Clip

Picture Reference

CABLE / CONDUIT



69

Cable Tie Holder with Flange Clip



69

Cable Tie Holder with Inverted Flange Clip



70

Cable to Flange Clip



70

Double Cable to Flange Clip



71

Cable Retainer Strap with Flange Clip



71

Snap Close Conduit/Pipe Clamp with Shot-Fire Bracket



72

Snap Close Conduit Clamp with Z Shot-Fire Bracket



72

Push In Conduit Clamp with Shot-Fire Bracket



73

Push In Conduit Clamp with Z Shot-Fire Bracket



73

Bolt Close Conduit/Pipe Clamp with Shot-Fire Bracket



74

Bolt Close Conduit/Pipe Clamp with Z Shot-Fire Bracket



74

Snap Close Conduit Clamp with Nail Bracket



75

MC/AC Cable Support with Shot-Fire Bracket



75

MC/AC Cable Clip with Shot-Fire Bracket



76

123-M Conduit to Z Purlin Clip



76

123-P Conduit to Z Purlin Clip



77

J-CT Cable Tie Holder with C Purlin Clip



77

PW2-CT Cable Tie Holder with C Purlin Clip



78

Cable/Conduit Clip



79

Cable/Conduit to Wire Clip



79

PCS-M Conduit to Wire Clip



79

Snap Close Conduit to Rod/Wire Clip



80

ESC-M Conduit to Strut Clip



80

Push In Conduit Clamp



81

Snap Close Conduit/Pipe Clamp

Picture Reference

CEILING/ACOUSTICAL



82

Bolt Close Conduit/
Pipe Clamp



83

Push In Conduit to
Conduit Clamp



83

Wall Mount Conduit Clip



84

C-EC Cable to Strut Clamp



85

C-ERU Cable to Flange/
Pole Clamp



86

C-EU Single Cable to
Flange Clamp



87

C-EU Multi-Cable to
Flange Clamp



88

C-ES Cable to Vertical
Flange Clamp



89

C-GW Cable
Protection Plate



90

C-LW Protection Plate
for Cable Clamps



91

C-HW Coaxial/
HF Cable Protector



91

Pipe/Cable Clamp



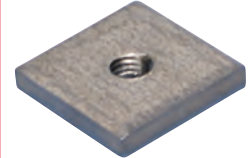
92

Multi-Function C-Clamp



92

Flange Protector for
Multi-Function C-Clamp



93

Square Nut for
Multi-Function C-Clamp



93

WMX Cable Hanger



94

Wire Basket Tray Clip



94

Cable Tray Support
Bracket



95

Cable Tray with
Flange Clip



95

Cable Tray to Rod Clip



96

Cable Tray Support for
Air Handling Spaces

Picture Reference

CABLE / CONDUIT



98

T-Grid Clip, Top Mount



98

T-Grid Clip, Side Mount



99

MATA Conduit to
T-Grid Clip



99

MATS Conduit to
T-Grid Clip



100

CHK Chain



100

CHN Chain



101

KN Hook



101

S Hook



102

Independent Support Clip



102

T-Grid Box Hanger



103

Adjustable T-Grid Box
Hanger



103

T-Grid Perimeter Clip



104

4G16 Twist Clip



104

4G16 Twist Clip with Stud



105

4G16 Twist Clip with
Wing Nut



105

4G16H Twist Clip with 90°
Plain Hole



106

4G24 Twist Clip with Stud



106

4G24 Twist Clip with
Wing Nut



107

4G24H Twist Clip with 90°
Plain Hole



107

4J15 Twist Clip with
Stud, Narrow Grid



107

Twist Clip Spacer for
Recessed T-Grid



107

Wing Nut for Twist Clips

Picture Reference

STUDWALL



110

Adjustable Far-Side Box Support, Spring Steel



110

MSF Snap-On Box Support



111

Adjustable Depth Snap-On Switch Box Support



111

"Colorado Jim" Cable Support



111

"Colorado Jim" Cable Support with Standoff



112

CS812 Cable/Conduit to Stud Attachment



112

Cable Support to Stud



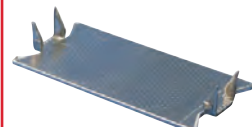
113

MF-M Conduit to Stud Attachment



113

Footed Box Support



113

Hammer-On Nail Plate



114

Snap-On Nail Plate



114

Telescoping Screw Gun Box Bracket



115

Screw Gun Bracket



115

Barrnog/TSGBHD Adjustable Metal Nogging



115

nVent CADDY GLIDER Electrical Box Attachment



116

SMS8 Self-Drilling and Tapping Screw



116

Easy Snap Grommet



117

MSP20 Metal Stud Punch for Easy Snap Grommet

Picture Reference

DATACOM / LOW VOLTAGE



120

Cat HP J-Hook



121

Cat HP J-Hook with
BC200 Beam Clamp



122

Cat HP J-Hook with
BC200 Beam
Clamp, Swivel



123

Cat HP J-Hook with BC
Beam Clamp



124

Cat HP J-Hook with BC
Beam Clamp, Swivel



125

Cat HP J-Hook with BC26
Beam Clamp



126

Cat HP J-Hook with
Hammer-On Flange Clip



127

Cat HP J-Hook
with Hammer-On Flange
Clip, Swivel



128

Cat HP J-Hook with C
Purlin Clip



129

Cat HP J-Hook with Z
Purlin Clip



130

Cat HP J-Hook with Z
Purlin Clip, Swivel



131

Cat HP J-Hook
with Multi-Function Clip



132

Cat HP J-Hook with Shot-
Fire Bracket



133

Cat HP J-Hook with
Angle Bracket



134

Cat HP J-Hook with Pin
Driven Angle Bracket



135

Cat HP J-Hook with
Pedestal Clamp



135

Cat HP J-Hook with Strut
Attachment Clip



136

Cat HP J-Hook
with T-Grid Clip



137

Cat HP J-Hook Tree,
Ceiling Mount



138

Cat HP J-Hook Tree,
Flange Mount



139

Cat HP J-Hook Tree,
Wall Mount



139

Cat HP J-Hook Clip to
BC200 Beam Clamp



140

Cat HP J-Hook Clip
to BC200
Beam Clamp, Swivel



140

Cat HP J-Hook Clip to BC
Beam Clamp



141

Cat HP J-Hook Clip to BC
Beam Clamp, Swivel

Picture Reference

DATACOM / LOW VOLTAGE



141

Cat HP J-Hook Clip to BC26 Beam Clamp



142

Cat HP J-Hook Clip to Hammer-On Flange Clip



142

Cat HP J-Hook Clip to Hammer-On Flange Clip, Swivel



143

Cat HP J-Hook Clip to C Purlin Clip



143

Cat HP J-Hook Clip to Z Purlin Clip



144

Cat HP J-Hook Clip to Z Purlin Clip, Swivel



144

Cat HP J-Hook Clip to Rod/Wire Clip



145

Cat HP J-Hook Clip to Strut Clip



145

Cat HP J-Hook Clip to Pedestal Clamp



146

Cat HP J-Hook Angle Bracket



146

Cat HP J-Hook Straight Bracket



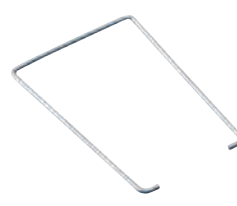
147

Cat HP J-Hook Tree Mount Bracket



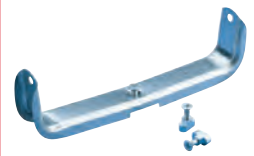
147

Cat HP Cable Puller Kit



148

Cat HP Wire Retainer



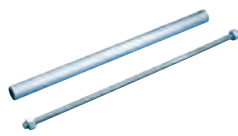
148

Cat CM U-Hook, Strut Mount



149

Cat CM Double J-Hook



149

Cat CM Roller



150

Cat CM Wire Retainer



150

Cat CM Protection Tube



151

Cat 425 Adjustable Cable Support



151

Cat 425 Wall Mount Adjustable Cable Support



152

Cat 425 Adjustable Cable Support with BC Beam Clamp



152

Cat 425 Adjustable Cable Support with BC200 Beam Clamp



153

Cat 425 Adjustable Cable Support with Flange Clip

Picture Reference

DATACOM / LOW VOLTAGE



153

Cat 425 Adjustable Cable Support with C Purlin Clip



154

Cat 425 Adjustable Cable Support with Z Purlin Clip



154

Cat 425 Adjustable Cable Support with Pedestal Clamp



155

Threaded Bridle Ring



155

nVent CADDY Cat CR50 Low-Voltage Cable Retainer



156

nVent CADDY Mille-Tie



156

Signal Reference Grid Wire Clamp



157

nVent CADDY Cat 600R Strut Mount Vertical Cable Support



157

nVent CADDY Cat 600WM Wall Mount Vertical Cable Support

STRUCTURAL ATTACHMENTS



160

300M Universal Beam Clamp



160

310M Universal Beam Clamp, Thick Flange



161

SBC Stamped Beam Clamp, Top Mount



161

EBC Beam Clamp



162

BC200/BC400 Beam Clamp



162

Beam Clamp with Swivel



163

35RS Two Hole Retainer Strap



163

UBH Concrete Beam Clamp



163

UBHT Concrete Beam Clamp with Cantilever Arm



164

Perforated Cable Tray Clip for UBHT Series

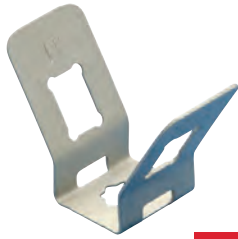
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STRUCTURAL ATTACHMENTS



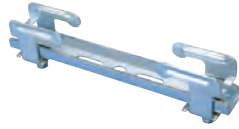
164

Wire Cable Tray Clip for UBHT Series



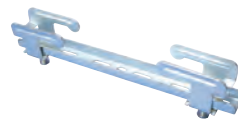
165

Square Tube Support Clip for UBHT Series



165

2000 Beam Clamp Kit



166

3000 Beam Clamp Kit



167

5000 Beam Clamp Kit



168

6000 Beam Clamp Kit



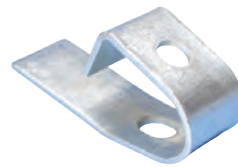
169

6000 Beam Clamp Kit with Swivel



169

D1 Purlin Clamp



170

D2 Purlin Clamp



170

D3 Purlin Clamp



170

122 Series Z Purlin Clip



171

123 Series Z Purlin Clip



171

AF Series Z Purlin Clip



171

J Series C Purlin Clip



172

PW2 Series C Purlin Clip



172

VF Series C Purlin Clip



172

VAFT Installation Tool for Purlin Clips



173

Hammer-On Flange Clip, Bottom Mount



174

Hammer-On Flange Clip, Bottom Mount with Stud



174

Hammer-On Flange Clip, Side Mount



175

Hammer-On Flange Clip, Two Hole Side Mount



175

Hammer-On Flange Clip, Vertical Mount



175

Hammer-On Flange Clip, Vertical Mount with Stud



176

BC-MA Rod to Beam Clamp

Picture Reference

STRUCTURAL ATTACHMENTS



176

H-MA Rod/Wire to Flange Clip



177

H-Ti/T Rod to Flange Clip



178

122-MA Rod to Z Purlin Clip



178

122-Ti/T Rod to Z Purlin Clip



179

J-MA Rod to C Purlin Clip



179

J-Ti/T Rod to C Purlin Clip



180

PW2-MA Rod to C Purlin Clip



180

PW2-Ti/T Rod to C Purlin Clip



181

Bulb Tee Clip



181

325M Steel Side Beam Attachment



182

38 Offset Steel Eye Socket Rod Hanger



182

TDH Trapezoidal Deck Hanger



183

TDHA Trapezoidal Deck Hanger with Rotating Nut



183

TDHI Trapezoidal Deck Hanger with Sound Insulated Nut



184

TDHM Trapezoidal Deck Hanger with Fixed Nut



184

TDHP Trapezoidal Deck Hole Punch



185

Replacement Die for TDHP Trapezoidal Deck Hole Punch



185

TBHG Trapezoidal Deck Hanger



186

TBHGM Trapezoidal Deck Hanger with Fixed Nut



186

TBHK Trapezoidal Deck Hanger



187

TBHKA Trapezoidal Deck Hanger with Rotating Nut



187

TBHKM Trapezoidal Deck Hanger with Fixed Nut



188

EER Trapezoidal Deck Hanger



188

EER-MA Trapezoidal Deck Rod Hanger



189

EER-Ti/T Trapezoidal Deck Threaded Rod Hanger

Picture Reference

STRUCTURAL ATTACHMENTS



189

EERS Trapezoidal Deck Strap Hanger



190

VKR Trapezoidal Deck Hanger



190

OCDC Deck Hanger



190

OCDC-Ti/T Deck Threaded Rod Hanger



191

GTD Dovetail Deck Hanger



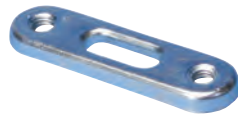
191

HW Wedge Nut for Dovetail Deck Hanger



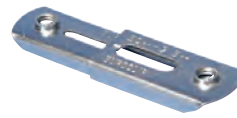
192

AB-C Ceiling to Rod Mounting Bracket



192

DH Distant Holder



193

DS Adjustable Distant Holder



193

PBF Two Hole Base Plate for Threaded Rod



194

PBF Two Hole Base Plate for Threaded Pipe



194

PBF Four Hole Base Plate for Threaded Pipe



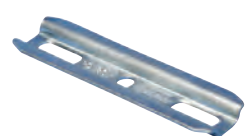
194

PBF Six Hole Base Plate for Threaded Pipe



195

PBM Four Hole Base Plate for Threaded Pipe and Rod



195

PD One Hole Plate



196

Triangular Wall Bracket, Four/Two Hole



196

Triangular Wall Bracket, Four/Three Hole



196

Triangular Wall Bracket, Four/Four Hole



197

Push Install Rod Hanger with Shot-Fire Bracket



197

Push Install Rod Hanger with Angle Bracket



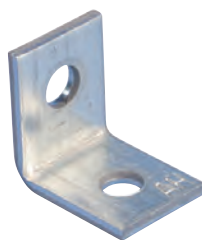
198

Thread Install Rod Hanger



198

Thread Install Rod Hanger with Angle Bracket



199

Angle Bracket

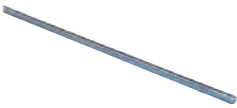
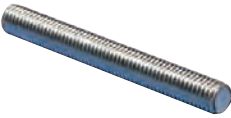
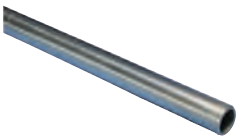
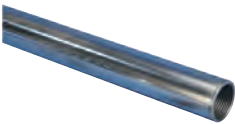
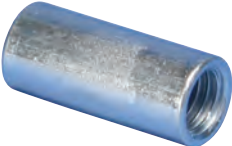
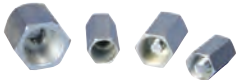
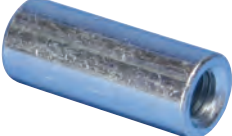
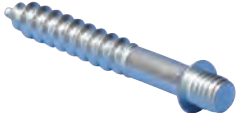


199

Z-Bracket

Picture Reference

STRUCTURAL ATTACHMENTS

				
L-Bracket	Multi-Function Clip	Threaded Rod	Threaded Stud	Threaded Stud with Slot
				
Externally Threaded Pipe	Internally Threaded Pipe	EM-HEX Rod Coupler	EM HEXI Rod Coupler with Inspection Hole	EM Round Rod Connector
				
AB Threaded Pipe Connector for HD Pipe Clamps	Male-Male Threaded Adaptor	Male-Male Threaded Adaptor with Collar	Pipe Thread Connector	RFF Round Rod Reducer
				
RMF Hex Male-Female Reducer	3-Way Adaptor Block	RTU Ball Swivel	Fixture Support from Plain Rod/Wire	42 Hex Head Lag Screw
				
VDF C Wood-to-Metal Dowel Screw with Collar	VDF T Drive Tool for Dowel Screws	VDF TORX Wood-to-Metal Screw with TORX® Head	Hex Head Bolt	Slotted Hex Head Bolt

Picture Reference

STRUCTURAL ATTACHMENTS



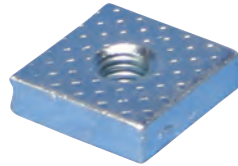
214

Hex Head Bolt with Nut



214

Hex Nut



215

Universal Square Nut



215

Flat Washer



216

Large Washer



216

EB-H Wood Eye Bolt



217

ES Eye Socket



217

LLS-H Slotted Wood Eye Bolt



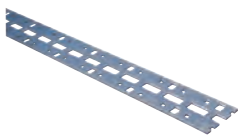
217

LLS-M Slotted Eye Bolt



218

OSM Eye Bolt



218

Perforated Flat Bar



218

Mounting Clip for Perforated Flat Bar



219

Mounting Plate with Screw for Perforated Flat Bar



219

Sound Insulator for Perforated Flat Bar



219

Bending Tool for Perforated Flat Bar



220

HIB Concrete Nail with Collar



220

HIBT Nail Drive Tool



220

Cable Tie Fastener



221

Cable Tie, Nylon



221

Cable Tie, Stainless Steel



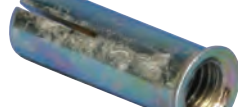
222

Bolt Expansion Anchor



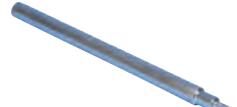
222

Drop-In Anchor



223

Flanged Drop-in Anchor



223

Hammer-In Tool for Drop-in Anchors

Picture Reference

STRUCTURAL ATTACHMENTS



224

Metal Plug



224

Brass Expansion Anchor



225

Cavity Plug



225

Setting Tool for Metal Expansion Anchor



226

CTF Hammer-In Expansion Anchor with Nail



226

NPN Hammer-In Expansion Anchor with Screw



227

FPN Universal Anchor



227

PWM/PWN Self-Drilling Drywall Anchor



228

UPN Universal Anchor with Collar



228

MTSB Spring Toggle with Nut/Washer



229

MTSH Spring Toggle with Hook



229

MTGH Gravity Toggle with Hook



229

MTGB Gravity Toggle with Nut/Washer



230

MTGD Heavy Duty Gravity Toggle with Bushing



230

MTVB Gravity Toggle with Rubber Washer

Picture Reference

ROD LOCK



232

Rod Lock Beam Clamp



232

Rod Lock Beam Clamp,
Thick Flange



233

Rod Lock Anchor Screw



233

Rod Lock Metal Decking
Preset Anchor



234

Rod Lock Plywood Form
Preset Anchor



234

Rod Lock L-Bracket



235

Rod Lock Top-Mount
Duct Bracket



236

Rod Lock Bottom-Mount
Duct Bracket



236

Rod Lock Bottom-Mount
Duct Bracket, Narrow



237

Rod Lock Strut



238

Rod Lock Strut End
Bracket



239

Rod Lock Channel Nut



239

Rod Lock Strut Nut



240

Rod Lock Telescoping
Strut Replacement



240

Rod Lock Nut



241

SN Series Nut



241

SNSW Flanged Nut

Picture Reference

SPEED LINK



244

Speed Link SLK
with Angle Bracket



245

Speed Link SLK
with Shot-Fire Bracket



246

Speed Link SLK
with Decking Hook



247

Speed Link SLK
with Hammer-On Flange Clip



248

Speed Link SLK
with Hook



249

Speed Link SLK
with Loop



250

Speed Link SLK
with Threaded Stud End



251

Speed Link SLK
with Wedge Anchor



252

Speed Link SLK
with Toggle



253

Speed Link SLK
with Y-Hook



254

Speed Link SLK
with Y-Toggle



255

Speed Link LD with Hook



255

Speed Link SLDM
with Hook



256

Speed Link SLDM
with Toggle



256

Speed Link Y-Hook
with Eyelet Extension



257

Speed Link Y-Toggle
with Eyelet Extension



258

Speed Link Y-Toggle
with Hook Extension



258

Speed Link Quad-Toggle
with Eyelet Extension



259

Speed Link SLK
Locking Device



259

Speed Link LD
Locking Device



260

Speed Link SLK Spool Kit



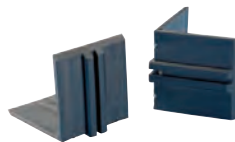
260

Wire Spool



261

Wire Rope Cutter



261

Air Duct Corner Protector



262

Air Duct Support
Attachment

Picture Reference

SPEED LINK



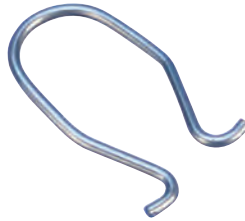
262

Concrete Fixing Eyebolt Screw



263

Eye Screw



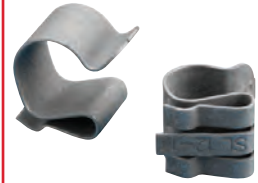
263

Light Duty Light Fixture Eyelet



263

Medium Duty Light Fixture Eyelet



264

MC/AC Cable Clip

PYRAMID



266

Pyramid ST Fixed Strut Support



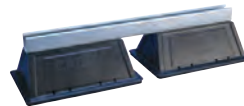
266

Pyramid ST Fixed Strut Support Kit



267

Pyramid ST Adjustable Strut Support



268

Pyramid ST Bridge Assembly



268

Pyramid ST Bridge Assembly Kit



269

Pyramid RL Fixed Roller Support



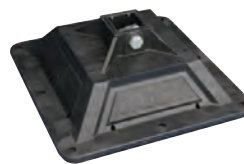
269

Pyramid RL Adjustable Roller Support



270

Retainer Strap



270

Pyramid H-Frame Post Base



271

Pyramid H-Frame Kit



271

Pyramid H-Frame Hardware Kit



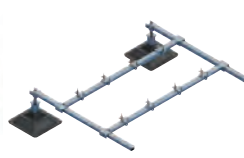
272

Pyramid Equipment Support Kit, 4 Post Base



272

Pyramid Equipment Support Kit, 6 Post Base



273

Pyramid Equipment Support Frame Extension Kit

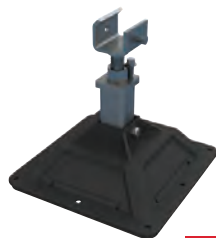
Picture Reference

PYRAMID



273

Pyramid Equipment Support Height Extension



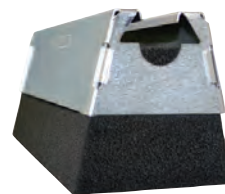
274

Pyramid Equipment Support Post Base



274

Pyramid Equipment Support Clamp



275

Pyramid 50 Foam-Based Support



275

Pyramid EZ Rubber-Based Support



276

Pyramid Universal Support



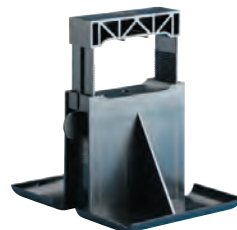
276

Pyramid Tool-Free Pipe Clamp



277

Pyramid Tool-Free Pipe Support Kit



278

Pyramid 25 Pipe and Conduit Support, Plastic

MECHANICAL



280

401 Clevis Hanger



281

410 Clevis Hanger, Light Duty



282

115 Standard Duty Loop Hanger



283

115N Standard Duty Loop Hanger, No Insert Nut



284

Drop-In Loop Hanger



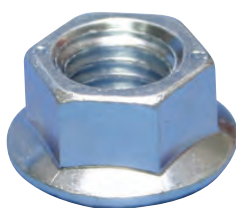
285

FCS Height Adjustable Loop Hanger



285

Fixing Set for FCS Loop Hanger



286

Hex Flange Nut



286

115 Surge Restraint



287

Macrofix 250 M8/M10

Picture Reference

MECHANICAL



288

Macrofix 250 M8



288

Macrofix,
Stainless Steel



289

Macrofix Plus



290

Macrofix Plus HT High
Temperature



291

Macrofix Plus KOMBI
with Combination Nut



292

Macrofix Plus LF
Low-Friction



293

Superfix EZ Light Duty



293

Superfix 243 M8



294

Superfix 243 M8/M10



295

HD Heavy Duty Pipe Clamp



296

HD HT Heavy Duty Pipe
Clamp, High Temperature



297

PX Heavy Duty Pipe Clamp
with External Thread



298

nVent CADDY Microfix
Double Pipe Clamp



299

Microfix Double
Pipe Strap, Adjustable



299

DUPLO Double Pipe Clamp,
Adjustable



300

Heavy Duty Pipe Clamp
per DIN 3567



303

Heavy Duty Pipe Clamp



304

HD NI Heavy Duty Pipe
Clamp, Fire/Sprinkler



306

PX NI Heavy Duty Pipe
Clamp with External
Thread



307

Macrofix NI



309

Macrofix NI KOMBI
with Combination Nut



310

Macrofix NI EZ with
Easy Closure



311

Macrofix Plus NI EZ
with Easy Closure



311

DUPLO NI Double
Pipe Clamp

Picture Reference

MECHANICAL



312

DSC G Hammer-In Pin
Clamp for Gas and
Water Pipe



312

DSC P Hammer-in Pin
Clamp for Plastic Pipe



313

DSC W Hammer-In Pin
Clamp for
Wastewater Pipe



313

OVAL Oval Pipe Clamp
with Nut



314

OVAL DM Oval Pipe
Clamp with Plain Hole



314

510 nVent CADDY EZ Riser



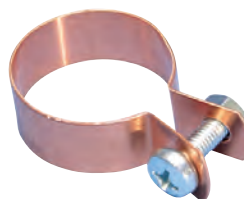
315

700 Offset Pipe Clamp



315

STRC Strap Clamp



316

STRC CU Strap Clamp
for Copper Tube



316

Swift Clip Strut Clamp
for Tube/Pipe



317

Swift Clip Strut Clamp
for Insulated Tube/Pipe



318

Cushion Clamp Insulated
Strut Clamp for
Pipe/Tube



319

USC Universal Strut
Clamp for Pipe/Conduit



320

nVent CADDY Superklip



321

Superklip BP1 Base Plate
for Two Clips



321

Superklip CA Concrete
Attachment



322

Ring FRF /1 Single Pipe
Clip with Plug



322

Ring FRF /2 Double Pipe
Clip with Plug



323

Ring FRF /4 Quadruple
Pipe Clip with Plug



324

Ring PCP /1 Single Pipe
Clip with Insert Nut



324

Ring PCP /2 Double Pipe
Clip with Insert Nut



325

Ring Plus Single Pipe Clip
with Plug and Strap



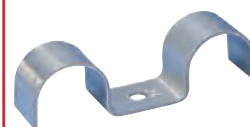
325

TPC Tube and
Pipe Clamp



326

2HPS Two Hole
Pipe Strap



326

Two Hole Double
Pipe Saddle

Picture Reference

MECHANICAL



327

One Hole Strap for Pipe and Conduit



327

Pipe Hook



328

107 Wraparound Strap for CPVC Pipe



328

108 Two Hole Strap for CPVC Pipe



329

109 Side Mount Strap for CPVC Pipe



329

SOSR Stand Off Two Hole Strap for CPVC Pipe



330

U-Bolt, DIN 3570



330

U-Bolt



332

PF ZIN Fix Point Clamp



333

PESHO Heavy Duty Pipe Slide, One Connector



333

PESHOS Heavy Duty Pipe Slide with Strap, One Connector



334

PESHT Heavy Duty Pipe Slide, Two Connectors



334

PESHTS Heavy Duty Pipe Slide with Strap, Two Connectors



335

PESMO Medium Duty Pipe Slide, One Connector



335

PESMOS Medium Duty Pipe Slide with Strap, One Connector



336

PESMT Medium Duty Pipe Slide, Two Connectors



336

PESMTS, Medium Duty Pipe Slide with Strap, Two Connectors



337

PCG Medium Duty Pipe Slide



337

Radiator Fixing Kit, Three Piece



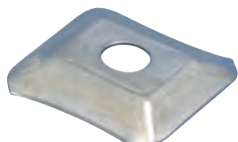
337

Radiator Fixing Kit, Four Piece



338

Bottom Bracket for Old Style Radiator



338

Dome Washer for Old-Style Radiator



339

Radiator Bottom Fixing



339

Radiator Side Fixing

Picture Reference

MECHANICAL



339

Sink Support Bracket



340

Top Bracket Kit for Old Style Radiator



341

nVent CADDY ISOL Pipe Support for Cold Installations



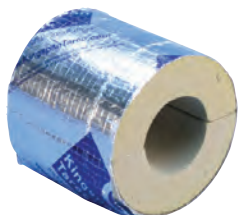
342

ISOL Pipe Support for Cold Installations



344

SIT CLIM Insulated Pipe Clamp with Rubber Ends



345

SIT PH Phenolic Insulation Block



348

MACRO V Duct Clamp with Two-Point Fixing



349

MACRO V Duct Clamp



350

MACRO V NI Duct Clamp with Two-Point Fixing



351

MACRO V NI Duct Clamp



352

H-MSR 90° Strap Hanger with Flange Clip



352

H-MSS Inline Strap Hanger with Flange Clip



353

Strap Hanger with Shot-Fire Bracket



353

ABP Perforated Strap with Rounded Edge, Standard Duty



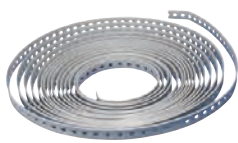
354

BP Perforated Strap with Straight Edge, Light Duty



354

SBP Perforated Strap with Straight Edge, Standard Duty



355

SBP-C Perforated Strap with Straight Edge, Plastic Coated



355

EQLS Square Duct Fixing with Sound Reducer, L-Shape



356

EQZS Square Duct Fixing with Sound Reducer, Z-Shape



356

EQV Round Duct Fixing, V-Shape



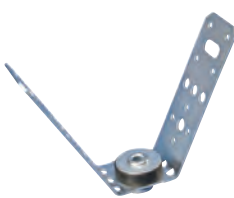
356

EQVS Round Duct Fixing with Sound Reducer, V-Shape



357

TBH Bendable Round Duct Fixing, V-Shape



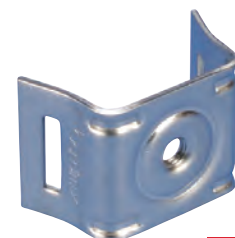
357

TBHS Bendable Round Duct Fixing with Sound Reducer, V-Shape



358

SPIRO Strap Clamp for Ventilation



358

Sign Support Bracket for Round Pole, One Hole

Picture Reference

MECHANICAL



359

Sign Support Bracket for Flat Surface, One Hole



359

Sign Support Bracket for Round Pole, Two Hole



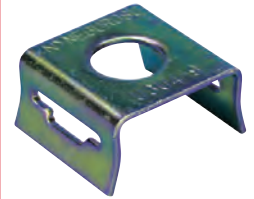
359

Sign Support Bracket for Flat Surface, Two Hole



360

Sign Support Bracket with Slotted Holes



360

UNICBAND Sign Support Bracket



360

Heavy Duty Strap Buckle



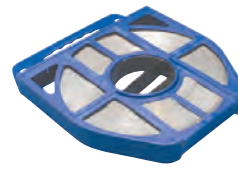
361

Standard Duty Strap Buckle



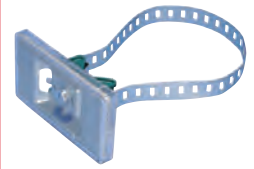
361

Strap Tensioning Tool



361

Metal Strap



362

ESS UHS Sign Holder System with Strap



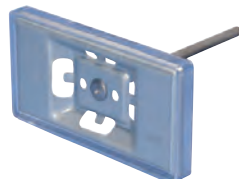
362

ESS UH Sign Holder System without Strap



362

ESS SH Sign Holder System with Nut



363

ESS WH Sign Holder System with Welding Support



363

ESS GP Grooved Plate



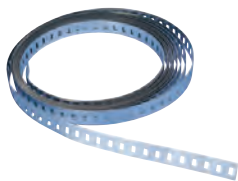
364

ESS MS Plastic Text Labels



364

ESS PC Plastic Cover



364

ESS ST Strap



365

SBFF Female-Female Sound Insulator



365

SBFK Female-Female Compression Insulator



365

SBMF Male-Female Sound Insulator



366

SBMK Male-Male Compression Insulator



366

SGBC Heavy Duty Sound Insulator



366

IHT High-Temperature Sound Insulation Rubber



367

Sound Insulation Rubber for Strut Pipe Clamps

Picture Reference

BRACING



370

Bar Joist Attachment



371

Adjustable I-Beam Attachment



372

I-Beam Attachment



373

Multi Attachment



373

Strut Seismic Hinge



374

Universal Structural Attachment



375

Easy Universal Sway Brace



376

Standard Universal Sway Brace



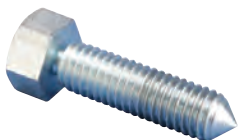
378

Quick Grip Jr. Lateral Sway Brace



379

Quick Grip Lateral Sway Brace



380

Shear Bolt



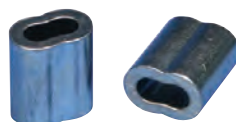
380

Shear Nut



381

Cable Spool



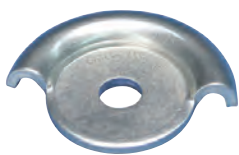
381

Crimping Sleeve



382

Loop Attachment Kit



382

No Pry Clip



383

Stake Eye Kit



383

Cable Cutter



384

Manual Swaging Tool



384

Multi-Size Manual Swaging Tool



385

Universal Restraint Clip



385

Universal Restraint Clip, Retrofit



386

Branch Line Restraint Pipe Attachment



386

Branch Line Restraint Structure Attachment to Steel



387

Branch Line Restraint Structure Attachment to Wood/Concrete

Picture Reference

BRACING



387

Branch Line Restraint
Structure Attachment
to Threaded Hole



388

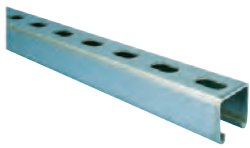
Pipe Rod Stiffener



388

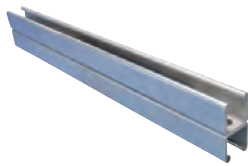
Strut Rod Stiffener

METAL FRAMING



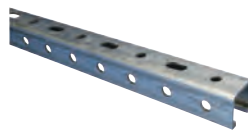
390

Strut Channel Type A,
Slotted



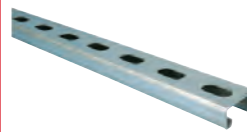
391

Strut Channel Type AA,
Slotted



392

Strut Channel Type AS,
Perforated



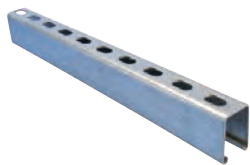
393

Strut Channel Type C,
Slotted



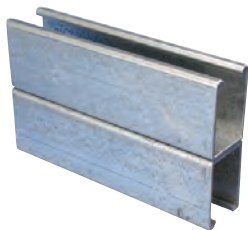
394

Strut Channel Type CC,
Slotted



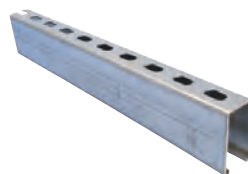
394

Strut Channel Type D,
Slotted



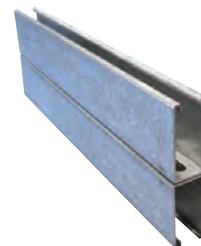
395

Strut Channel Type DD,
Slotted



395

Strut Channel Type E,
Slotted



396

Strut Channel Type EE,
Slotted



396

Strut to Strut Connector



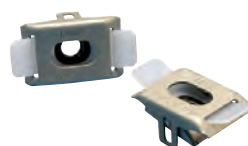
397

ADK Strut End Cap



397

Strut Channel Cover



398

nVent Caddy Slick Nut

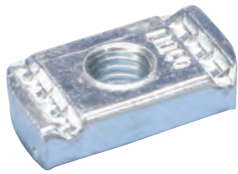


398

Slick Nut with Bolt

Picture Reference

METAL FRAMING



399

Strut Nut without Spring



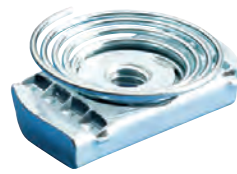
400

Strut Nut with Spring,
Channel Type A



401

Strut Nut with Spring,
Channel Type C



402

Strut Nut with Spring,
Channel Type C



403

Strut T-Bolt



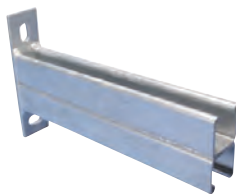
403

Clip-On Strut Nut



404

Strut Cantilever Arm
Type A, Slotted



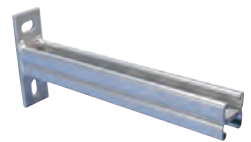
405

Strut Cantilever Arm
Type AA, Slotted



406

Strut Cantilever Arm
Type C, Slotted



407

Strut Cantilever Arm
Type CC, Slotted



407

CTRI Cantilever Arm
for Cable Tray



408

Internal Channel Washer



408

Saddle Washer



409

Square Channel Washer



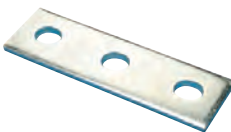
409

Two Hole Flat Bracket



410

Three Hole Flat Adjustable
Swivel Bracket



410

Three Hole Flat Bracket



411

Three Hole Flat
Corner Bracket



411

Four Hole Flat Bracket



412

Four Hole Flat Gusset
Tee Bracket



412

Four Hole Flat Tee Plate



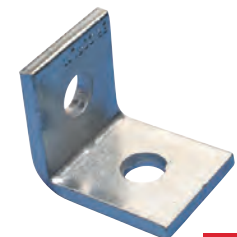
413

Five Hole Flat Bracket



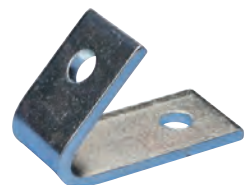
413

Five Hole Flat Cross
Bracket



414

1-1 Hole Angle Bracket



414

1-1 Hole Closed Corner
Angle Bracket

Picture Reference

METAL FRAMING



415

1-1 Hole Open Corner Angle Bracket



415

1-2 Hole Corner Angle Bracket



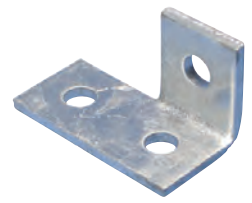
415

1-2 Hole Corner Short Angle Bracket



416

1-2 Hole Offset Corner Angle Bracket, Left



416

1-2 Hole Offset Corner Angle Bracket, Right



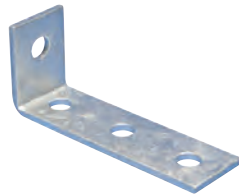
416

1-3 Hole Offset Corner Angle Bracket, Left



417

1-3 Hole Offset Corner Angle Bracket, Right



417

1-3 Hole Corner Angle Bracket



418

2-2 Hole Corner Angle Bracket



418

2-2 Hole Corner 90° Angle Bracket



419

2-2 Hole In-Line Corner 90° Angle Bracket



419

3-1 Hole In-Line Corner 90° Angle Bracket



419

2-2 Hole Corner Gusset



420

2-2 Hole Open Corner Angle Bracket



420

2 Hole 45° Angle Brace



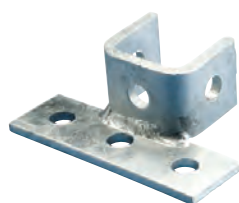
420

Four Hole Special Corner Connector, 3-Way



421

Six Hole Special Corner Connector, 3-Way



421

Six Hole Double Corner Connector, 3-Way



421

Eight Hole Double Corner Connector, 3-Way



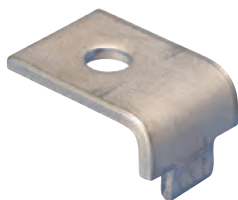
422

Nine Hole Corner Connector, 3-Way



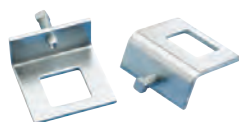
422

Strut Beam Clamp with U-Bolt



423

Strut Beam Clip



423

Strut Beam Clamp with Bolt, Window Shape



424

External Side Strut Beam Clamp

Picture Reference

METAL FRAMING



424

Internal Strut Beam Clamp with Bolt



425

Strut and Rod Beam Clamp



425

Heavy Duty Strut Beam Clamp



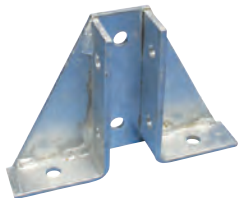
426

INC8 Internal Strut Beam Clamp



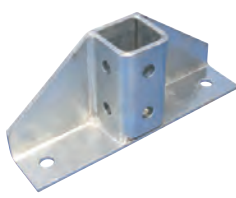
426

High Post Base for Strut Type A with Gusset



427

Open Post Base for Strut Type A with Gusset



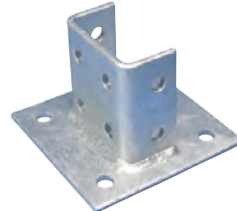
427

Post Base for Strut Type A with Gusset



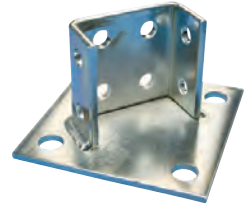
427

Post Base for Strut Type A



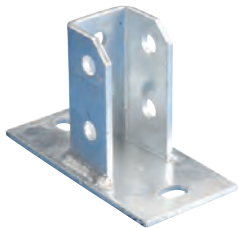
428

Post Base for Strut Type AA



428

45° Post Base for Strut Type AA



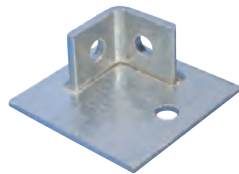
429

Rectangular Post Base Plate



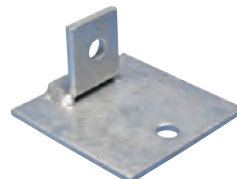
429

Low Post Base for Strut Types AA/E



429

Post Base Plate, 1-1 Hole Angle



430

Post Base Plate, 1 Hole Angle



430

Post Base Plate, 1-1 Hole Angle Corner



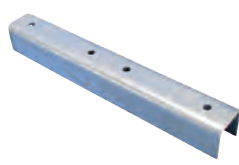
430

Four Hole External Coupler



431

Internal Channel Connector



431

Internal U-Shaped Coupler



432

Swivel Post Base Bracket for Strut Type A



432

Swivel Attachment for Strut Type AS



432

2-2 Hole Adjustable Strut Swivel Bracket



433

1-1 Hole Swivel Bracket



433

Strut Trapeze Attachment Plate



433

U-Shaped Bracket for Strut Type A



434

U-Shaped Bracket for Strut Types AA/E

Picture Reference

METAL FRAMING



434

U-Shaped Bracket for Strut Types AA/E, Back-to-Back



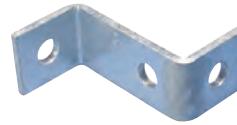
434

U-Shaped Bracket for Strut Type C



435

Z-Shaped Bracket for Strut Type A



435

Z-Shaped Bracket for Strut Type AA/E



435

Z-Shaped Bracket for Strut Type C



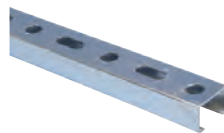
436

Z-Shaped Offset Bracket for Strut Type A



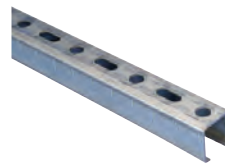
436

ESC Strut Attachment Clip



436

C-Channel Type E0L, Perforated



437

C-Channel Type E0, Perforated



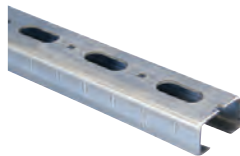
437

C-Channel Type E1, Perforated



437

C-Channel Type E2, Perforated



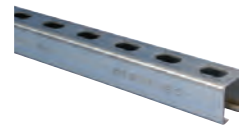
438

C-Channel Type E2L, Perforated



438

C-Channel Type E3, Perforated



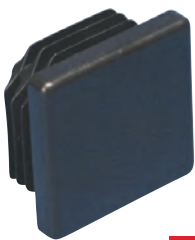
439

C-Channel Type E4, Perforated



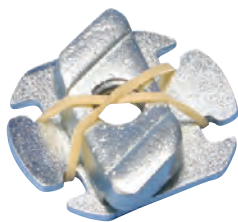
439

C-Channel Type E5, Perforated



440

ADK Plastic End Cap for C-Channel



440

C-FIX Nut/Washer



441

C-FIX M T-Bolt



441

C-FIX SW T-Bolt with Swivel



442

KP T-Bolt for C-Channel E0/E0L/E1



442

KP T-Bolt for C-Channel E2/E2L/E3



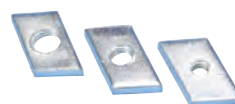
443

KP T-Bolt for C-Channel E4



443

ECN Universal Nut

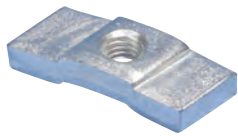


444

ECN Nut for C-Channel E0/E0L/E1

Picture Reference

METAL FRAMING



444

ECN Nut for C-Channel E2/
E2L/E3



444

ECN Nut for C-Channel E4



445

ECN Nut for C-Channel E5



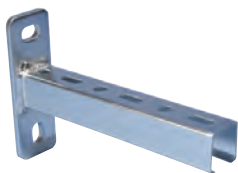
445

ECN Square Nut for
C-Channel E5



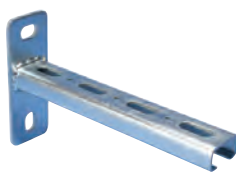
446

Cantilever Arm with E0L
Channel



446

Cantilever Arm with E0
Channel



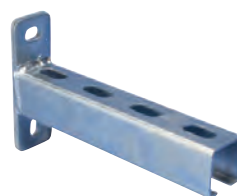
447

Cantilever Arm with E2
Channel



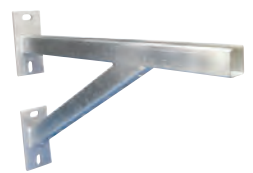
447

Cantilever Arm with E3
Channel



448

Cantilever Arm with E4
Channel



448

Cantilever Arm with E4
Channel and Brace



449

Brace Arm for E4 Channel



449

C-Channel U-Shaped
Washer



450

C-Channel 1-1 Slot
Angle Bracket



450

C-Channel 1-1 Slot Open
Corner Angle Bracket



450

C-Channel 2-2 Slot
Angle Bracket



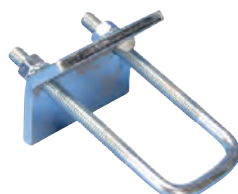
451

C-Channel 2-2 Slot Open
Corner Angle Bracket



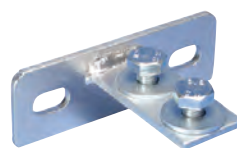
451

C-Channel Beam Clamp



452

C-Channel Beam
Clamp with U-Bolt



452

C-Channel Horizontal
Wall Bracket



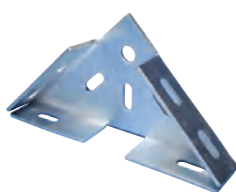
452

C-Channel Vertical
Wall Bracket



453

C-Channel Adjustable
Corner Bracket



453

C-Channel Corner
Bracket



454

C-Channel Coupler



454

C-Channel Coupler,
Type E3

Picture Reference

METAL FRAMING



455

U-Channel Type UC,
Perforated



455

2000 U-Channel



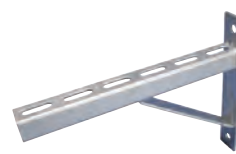
456

3000 U-Channel



456

U-Channel Cantilever Arm,
Perforated



457

U-Channel Cantilever Arm,
Perforated with Brace



457

2000 U-Channel Beam
Clamp



458

3000 U-Channel Beam
Clamp



458

Universal Support Kit



459

Universal Support Kit
with Sound Insulators



459

Gas Meter Support Kit



460

Rubber Profile for Strut
Channel



460

Rubber Profile for
C-Channel E0-E4



460

Rubber Profile for
C-Channel E5



461

APX External Vertical
Wall Bracket



461

APY External Horizontal
Wall Bracket



462

Telescoping Strut
Replacement



462

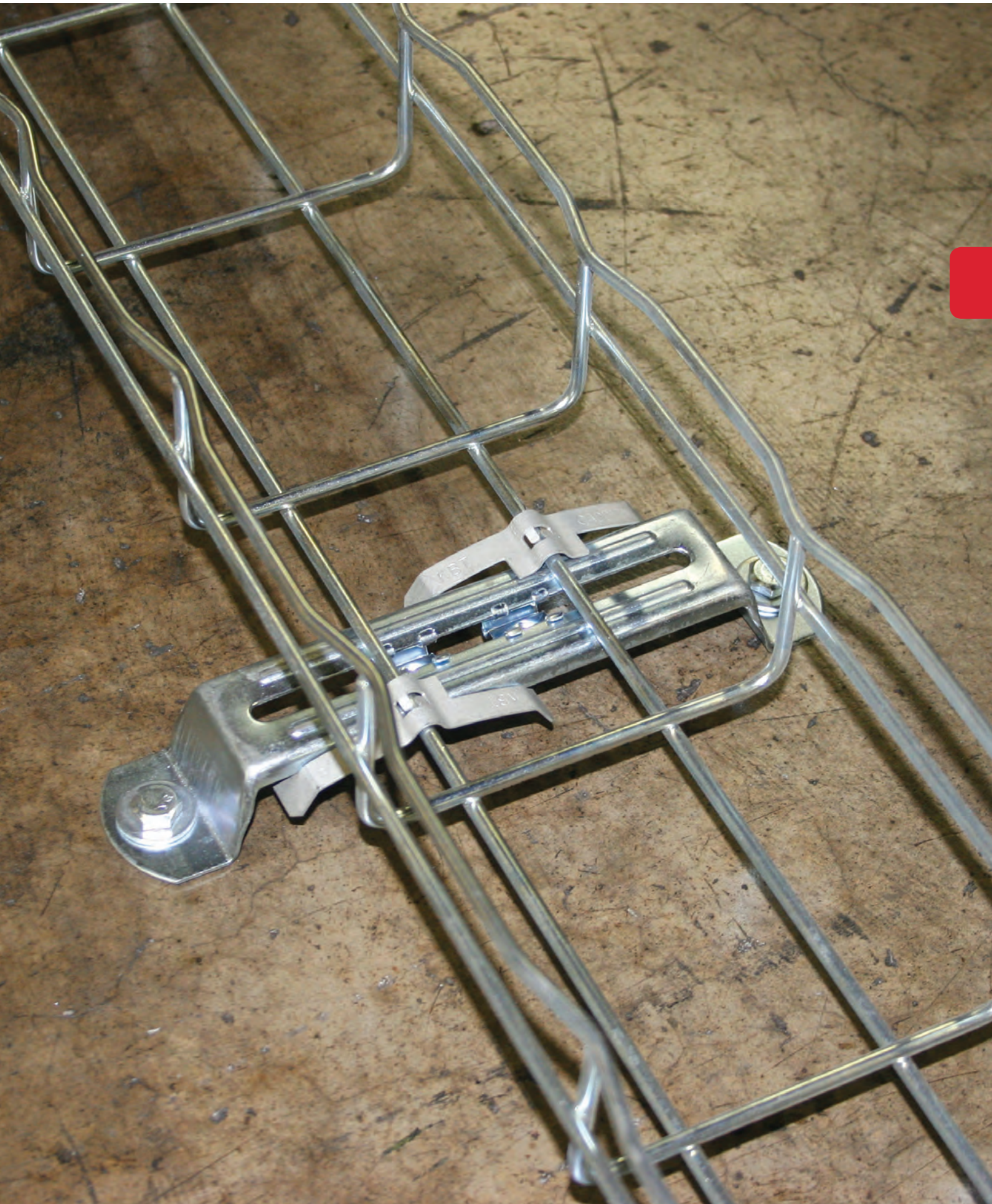
Telescoping Strut
Replacement, No Nut



463

Telescoping Strut
Replacement, Retrofit

Cable/Conduit



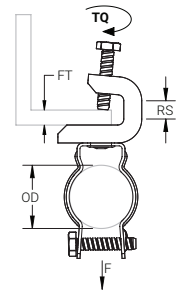
Cable/Conduit

BEAM BOLT CLOSE CLAMPS

BC200-CD CONDUIT TO BEAM CLAMP

FEATURES

- Eliminates offset bending conduit
- Threaded hole on back
- Ideal for electrical, mechanical, and HVAC applications



Material: Steel

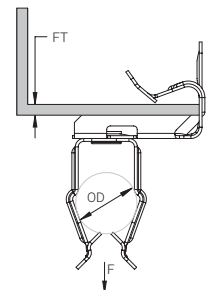
Finish: Electrogalvanized

Part Number	Article Number	Outer Diameter	Flange Thickness	Rod Size	Torque	Static Load
BC200CD0B	182210	17 – 22 mm	16 mm Max	M6	4 N-m	440 N
BC200CD1B	182220	19 – 25 mm	16 mm Max	M6	4 N-m	440 N
BC200CD2.5B	182240	31 – 38 mm	16 mm Max	M6	4 N-m	440 N
BC200CD2B	182230	25 – 33 mm	16 mm Max	M6	4 N-m	440 N
BC200CD3B	182250	36 – 43 mm	16 mm Max	M6	3 N-m	440 N

EM-P CONDUIT TO FLANGE CLIP

FEATURES

- Requires only a hammer to install
- Available for EMT, rigid, IMT and aluminum conduit
- Will pivot thru 360°



Material: Spring Steel

Finish: nVent CADDY Armour

Part Number	Article Number	Outer Diameter	Flange Thickness	Ultimate Static Load
12P24	175110	22 – 30 mm	3 – 8 mm	110 N
12P58	175120	22 – 30 mm	8 – 14 mm	110 N
12P912	175130	22 – 30 mm	14 – 20 mm	110 N
16P24	175140	30 – 35 mm	3 – 8 mm	110 N
16P58	175150	30 – 35 mm	8 – 14 mm	110 N
16P912	175160	30 – 35 mm	14 – 20 mm	110 N
8P24	172150	18 – 22 mm	3 – 8 mm	110 N
8P58	172160	18 – 22 mm	8 – 14 mm	110 N
8P912	175100	18 – 22 mm	14 – 20 mm	110 N

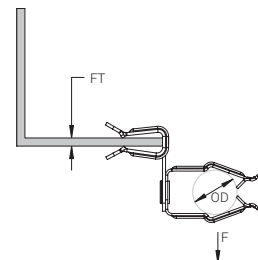
Cable/Conduit

BEAM PUSH IN CLAMPS

H-PSM CONDUIT TO FLANGE CLIP, SIDE MOUNT

FEATURES

- Requires only a hammer to install
- Available for EMT, rigid and aluminum conduit
- Will pivot thru 360°



Orientation: Side Mount

Material: Spring Steel

Finish: Armour

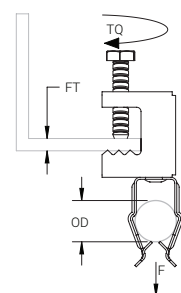
Part Number	Article Number	Outer Diameter	Flange Thickness	Ultimate Static Load
12P24SM	175220	22 – 30 mm	3 – 8 mm	70 N
12P4SM	175210	22 – 30 mm	2 – 3 mm	70 N
12P58SM	175230	22 – 30 mm	8 – 14 mm	70 N
12P912SM	175240	22 – 30 mm	14 – 20 mm	70 N
16P24SM	175260	30 – 35 mm	3 – 8 mm	70 N
16P4SM	175250	30 – 35 mm	2 – 3 mm	70 N
16P58SM	175270	30 – 35 mm	8 – 14 mm	70 N
16P912SM	175280	30 – 35 mm	14 – 20 mm	70 N
8P24SM	175180	18 – 22 mm	3 – 8 mm	70 N
8P4SM	175170	18 – 22 mm	2 – 3 mm	70 N
8P58SM	175190	18 – 22 mm	8 – 14 mm	70 N
8P912SM	175200	18 – 22 mm	14 – 20 mm	70 N

Indicated loads are ultimate and should not be combined.

BC-P CONDUIT TO BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Eliminates offset bending conduit



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Outer Diameter	Flange Thickness	Torque	Ultimate Static Load
EBC12P	172710	22 – 30 mm	16 mm Max	3 N-m	110 N
EBC16P	172720	30 – 35 mm	16 mm Max	3 N-m	110 N
EBC8P	172700	18 – 22 mm	16 mm Max	3 N-m	110 N

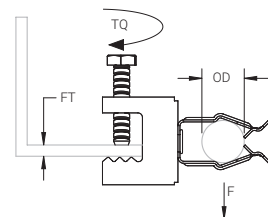
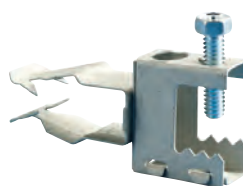
Cable/Conduit

BEAM PUSH IN CLAMPS

BC-PSM CONDUIT TO BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Eliminates offset bending conduit



Material: Spring Steel

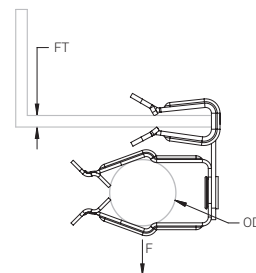
Finish: Armour

Part Number	Article Number	Outer Diameter	Flange Thickness	Torque	Static Load
EBC12PSM	172740	22 – 30 mm	16 mm Max	3 N-m	70 N
EBC16PSM	172750	30 – 35 mm	16 mm Max	3 N-m	70 N
EBC8PSM	172730	18 – 22 mm	16 mm Max	3 N-m	70 N

H-PIN CONDUIT TO FLANGE CLIP

FEATURES

- Supports conduit from beam
- Requires only a hammer to install



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Outer Diameter	Flange Thickness	Static Load
12P4IN	175320	22 – 30 mm	2 – 3 mm	70 N
16P4IN	175330	30 – 35 mm	2 – 3 mm	70 N
8P24IN	175300	18 – 22 mm	3 – 8 mm	70 N
8P4IN	175290	18 – 22 mm	2 – 3 mm	70 N
8P58IN	175310	18 – 22 mm	8 – 14 mm	70 N

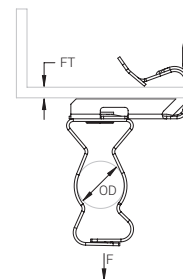
Cable/Conduit

BEAM SNAP CLOSE CLAMPS

EM-M CONDUIT/PIPE TO FLANGE CLIP

FEATURES

- Supports conduit/pipe or cable from beam flanges
- Snap close clip pivots a full 360°
- Requires only a hammer to install



Part Number	Article Number	Outer Diameter	Flange Thickness	Static Load
Material: Spring Steel — Finish: nVent CADDY Armour				
16EM24	171740	30 – 35 mm	3 – 8 mm	330 N
16EM58	171490	30 – 35 mm	8 – 14 mm	330 N
16EM912	173570	30 – 35 mm	14 – 20 mm	330 N
20EM24	171800	35 – 42 mm	3 – 8 mm	330 N
20EM58	171950	35 – 42 mm	8 – 14 mm	330 N
20EM912	173580	35 – 42 mm	14 – 20 mm	330 N
24EM24	171960	42 – 50 mm	3 – 8 mm	330 N
24EM58	171970	42 – 50 mm	8 – 14 mm	330 N
24EM912	173590	42 – 50 mm	14 – 20 mm	330 N
32EM24	173600	50 – 60 mm	3 – 8 mm	330 N
32EM58	173610	50 – 60 mm	8 – 14 mm	330 N
32EM912	173620	50 – 60 mm	14 – 20 mm	330 N
6EM24	173550	14 – 18 mm	3 – 8 mm	330 N
6EM58	171750	14 – 18 mm	8 – 14 mm	330 N
6EM912	173560	14 – 18 mm	14 – 20 mm	330 N
812EM24	160120	18 – 30 mm	3 – 8 mm	330 N
812EM58	160130	18 – 30 mm	8 – 14 mm	330 N
812EM912	160140	18 – 30 mm	14 – 20 mm	330 N
Material: Stainless Steel 301 (EN 1.4310)				
12EM24S1	179810	22 – 30 mm	3 – 8 mm	200 N
12EM58S1	179820	22 – 30 mm	8 – 14 mm	200 N
12EM912S1	179830	22 – 30 mm	14 – 20 mm	200 N
8EM24S1	179780	18 – 22 mm	3 – 8 mm	200 N
8EM58S1	179790	18 – 22 mm	8 – 14 mm	200 N
8EM912S1	179800	18 – 22 mm	14 – 20 mm	200 N

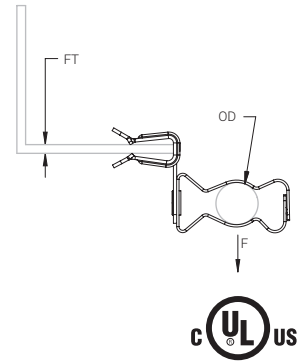
Cable/Conduit

BEAM SNAP CLOSE CLAMPS

H-MSM CONDUIT/PIPE TO FLANGE CLIP, SIDE MOUNT

FEATURES

- Supports conduit/pipe or cable from beam flanges
- Snap close clip pivots a full 360°
- Requires only a hammer to install



Part Number	Article Number	Outer Diameter	Flange Thickness	Static Load	Certifications
Material: Spring Steel — Finish: Armour					
16M24SM	173720	30 – 35 mm	3 – 8 mm	120 N	cULus
16M4SM	173710	30 – 35 mm	2 – 3 mm	120 N	
16M58SM	173730	30 – 35 mm	8 – 14 mm	120 N	cULus
16M912SM	173740	30 – 35 mm	14 – 20 mm	120 N	cULus
20M24SM	171720	35 – 42 mm	3 – 8 mm	120 N	cULus
20M4SM	173750	35 – 42 mm	2 – 3 mm	120 N	
20M58SM	173770	35 – 42 mm	8 – 14 mm	120 N	
20M912SM	173780	35 – 42 mm	14 – 20 mm	120 N	
24M24SM	176690	42 – 50 mm	3 – 8 mm	120 N	cULus
24M4SM	173790	42 – 50 mm	2 – 3 mm	120 N	
24M58SM	173800	42 – 50 mm	8 – 14 mm	120 N	cULus
24M912SM	173810	42 – 50 mm	14 – 20 mm	120 N	cULus
32M24SM	173830	50 – 60 mm	3 – 8 mm	120 N	cULus
32M4SM	173820	50 – 60 mm	2 – 3 mm	120 N	
32M58SM	173840	50 – 60 mm	8 – 14 mm	120 N	cULus
32M912SM	173850	50 – 60 mm	14 – 20 mm	120 N	cULus
6M24SM	173640	14 – 18 mm	3 – 8 mm	120 N	cULus
6M4SM	173630	14 – 18 mm	2 – 3 mm	120 N	
6M58SM	171980	14 – 18 mm	8 – 14 mm	120 N	cULus
6M912SM	173650	14 – 18 mm	14 – 20 mm	120 N	
812M24SM	160050	18 – 30 mm	3 – 8 mm	120 N	cULus
812M4SM	160040	18 – 30 mm	2 – 3 mm	120 N	
812M58SM	160060	18 – 30 mm	8 – 14 mm	120 N	cULus
812M912SM	160070	18 – 30 mm	14 – 20 mm	120 N	cULus
Material: Stainless Steel 301 (EN 1.4310)					
12M24SMS1	179690	22 – 30 mm	3 – 8 mm	90 N	
12M58SMS1	179700	22 – 30 mm	8 – 14 mm	90 N	
12M912SMS1	179710	22 – 30 mm	14 – 20 mm	90 N	
8M24SMS1	179650	18 – 22 mm	3 – 8 mm	90 N	
8M58SMS1	179660	18 – 22 mm	8 – 14 mm	90 N	
8M912SMS1	179670	18 – 22 mm	14 – 20 mm	90 N	

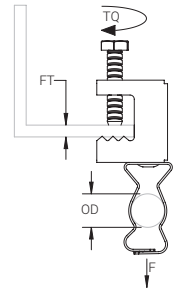
Cable/Conduit

BEAM SNAP CLOSE CLAMPS

BC-M CONDUIT TO BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Eliminates offset bending conduit
- Conduit clip rotates 360 degrees



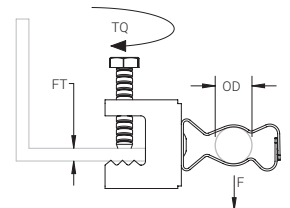
Material: Spring Steel
Finish: Armour

Part Number	Article Number	Outer Diameter	Flange Thickness	Torque	Static Load
EBC16M	172590	30 – 35 mm	16 mm Max	3 N-m	450 N
EBC20M	172600	35 – 42 mm	16 mm Max	3 N-m	450 N
EBC24M	172610	42 – 50 mm	16 mm Max	3 N-m	450 N
EBC32M	172620	50 – 60 mm	16 mm Max	3 N-m	450 N
EBC6M	172580	14 – 18 mm	16 mm Max	3 N-m	450 N
EBC812M	160200	18 – 30 mm	16 mm Max	3 N-m	450 N

BC-MSM CONDUIT TO BEAM CLAMP, SIDE MOUNT

FEATURES

- Easy installation to beam flanges
- Eliminates offset bending conduit
- Conduit clip rotates 360 degrees



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Outer Diameter	Flange Thickness	Torque	Static Load
EBC16MSM	172660	30 – 35 mm	16 mm Max	3 N-m	110 N
EBC20MSM	172670	35 – 42 mm	16 mm Max	3 N-m	110 N
EBC24MSM	172680	42 – 50 mm	16 mm Max	3 N-m	110 N
EBC32MSM	172690	50 – 60 mm	16 mm Max	3 N-m	110 N
EBC6MSM	172650	14 – 18 mm	16 mm Max	3 N-m	110 N
EBC812MSM	160180	18 – 30 mm	16 mm Max	3 N-m	110 N

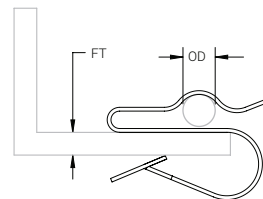
Cable/Conduit

BEAM SNAP CLIPS

HK CABLE SNAP CLIP

FEATURES

- Provides support for low voltage cables
- Attaches easily to beam



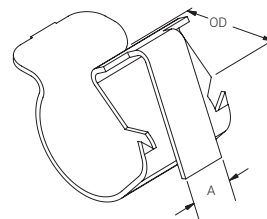
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	Outer Diameter
HK25	187440	1.5 – 4.5 mm	4.2 – 6.5 mm
HK48	187450	4.0 – 8.0 mm	4.2 – 6.5 mm
HK811	187460	8.0 – 11.0 mm	4.2 – 6.5 mm

HSC HOLE SNAP CLIP

FEATURES

- Supports cable to decking
- Snap clip that attaches to decking
- Mounts in two different orientations
- Fits in any 6 mm or greater hole



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Outer Diameter	A
HSC1011	186020	10 – 11 mm	6 mm
HSC1214	186030	12 – 14 mm	6 mm
HSC1518	186040	15 – 18 mm	6 mm
HSC1924	186050	19 – 24 mm	6 mm
HSC2532	186060	25 – 32 mm	6 mm
HSC67	186000	6 – 7 mm	6 mm
HSC78	187740	7 – 8 mm	6 mm
HSC89	186010	8 – 9 mm	6 mm
HSC910	187780	9 – 10 mm	6 mm

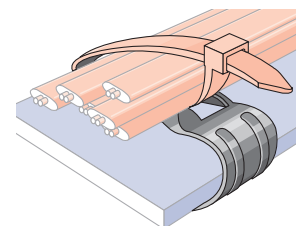
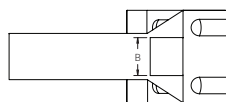
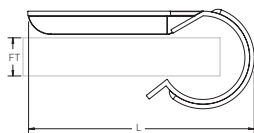
Cable/Conduit

BEAM SNAP CLIPS

LB3B CABLE SNAP CLIP

FEATURES

- Attaches multiple cable runs to beam or joist



Material: Steel

Finish: Electrogalvanized

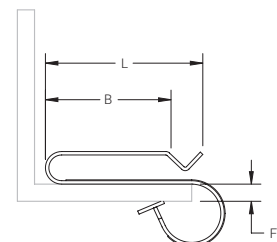
Part Number	Article Number	Flange Thickness	Length	B
LB3B	187390	12 – 20 mm	52 mm	8 mm Max

Cable tie not supplied with clip.

LF2/LF3 CABLE SNAP CLIP

FEATURES

- Supports up to two runs of cables
- Attaches easily to beam or joist



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	Length	B
LF2	187400	5 – 12 mm	45 mm	35 mm
LF3	187410	12 – 20 mm	53 mm	35 mm

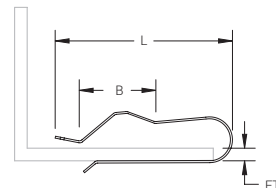
Cable/Conduit

BEAM SNAP CLIPS

LF4/LF5 CABLE SNAP CLIP

FEATURES

- Supports single run of cable
- Attaches easily to beam or joist



Material: Steel

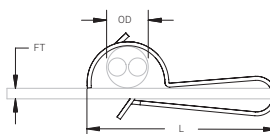
Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	Length	B
LF4	187420	3 – 6 mm	42 mm	18 mm
LF5	187430	6 – 12 mm	49 mm	18 mm

LR CABLE SNAP CLIP

FEATURES

- Supports single run of cable
- Attaches easily to beam or joist



Material: Steel

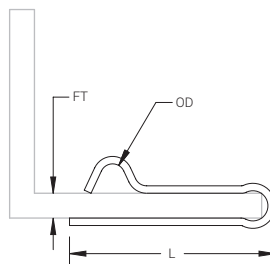
Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	Outer Diameter	Length
LR1	187370	3 – 6 mm	8 – 15 mm	36 mm
LR2	187380	6 – 12 mm	8 – 15 mm	36 mm

LSC CABLE SNAP CLIP

FEATURES

- Provides support for low voltage cables
- Attaches easily to beam
- For horizontal positioning only



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	Outer Diameter	Length
5LSC10	188190	5 mm	10 mm	40 mm
6LSC8	188200	6 mm	8 mm	65 mm

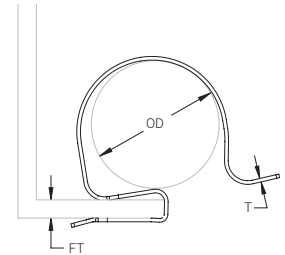
Cable/Conduit

BEAM SNAP CLIPS

SC CABLE SNAP CLIP

FEATURES

- Easily supports cable from flanges
- Requires only a hammer to install



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Flange Thickness	Outer Diameter	Thickness	Standard Packaging Quantity
24SC1011	187550	2 – 4 mm	10 – 11 mm	0.6 mm	100 pc
24SC1214	187570	2 – 4 mm	12 – 14 mm	0.6 mm	100 pc
24SC1518	187590	2 – 4 mm	15 – 18 mm	0.6 mm	100 pc
24SC1924	187610	2 – 4 mm	19 – 24 mm	0.6 mm	100 pc
24SC2530	187630	2 – 4 mm	25 – 32 mm	0.6 mm	100 pc
24SC67	187510	2 – 4 mm	6 – 7 mm	0.6 mm	100 pc
24SC78	187710	2 – 4 mm	7 – 8 mm	0.6 mm	100 pc
24SC89	187530	2 – 4 mm	8 – 9 mm	0.6 mm	100 pc
24SC910	187750	2 – 4 mm	9 – 10 mm	0.6 mm	100 pc
47SC1011	187540	4 – 7 mm	10 – 11 mm	0.6 mm	100 pc
47SC1214	187560	4 – 7 mm	12 – 14 mm	0.6 mm	100 pc
47SC1518	187580	4 – 7 mm	15 – 18 mm	0.6 mm	100 pc
47SC1924	187600	4 – 7 mm	19 – 24 mm	0.6 mm	100 pc
47SC2530	187620	4 – 7 mm	25 – 32 mm	0.6 mm	100 pc
47SC67	187500	4 – 7 mm	6 – 7 mm	0.6 mm	100 pc
47SC78	187720	4 – 7 mm	7 – 8 mm	0.6 mm	100 pc
47SC89	187520	4 – 7 mm	8 – 9 mm	0.6 mm	100 pc
47SC910	187760	4 – 7 mm	9 – 10 mm	0.6 mm	100 pc
812SC1011	187660	8 – 12 mm	10 – 11 mm	0.6 mm	100 pc
812SC1214	187670	8 – 12 mm	12 – 14 mm	0.6 mm	100 pc
812SC1518	187680	8 – 12 mm	15 – 18 mm	0.6 mm	100 pc
812SC1924	187690	8 – 12 mm	19 – 24 mm	0.6 mm	100 pc
812SC2530	187700	8 – 12 mm	25 – 32 mm	0.6 mm	100 pc
812SC67	187640	8 – 12 mm	6 – 7 mm	0.6 mm	100 pc
812SC78	187730	8 – 12 mm	7 – 8 mm	0.6 mm	100 pc
812SC89	187650	8 – 12 mm	8 – 9 mm	0.6 mm	100 pc
812SC910	187770	8 – 12 mm	9 – 10 mm	0.6 mm	100 pc

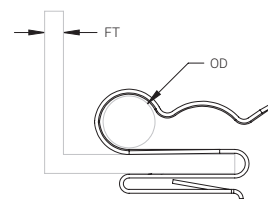
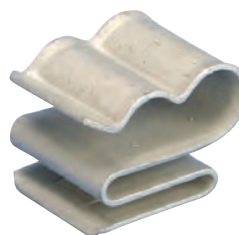
Cable/Conduit

BEAM SNAP CLIPS

SOLAR SNAP CLIP

FEATURES

- Supports up to two transmission cables on solar arrays
- Mounts in four orientations
- Flared edges to protect cable
- Gripping tab provides a secure fit to the frame



Material: Spring Steel

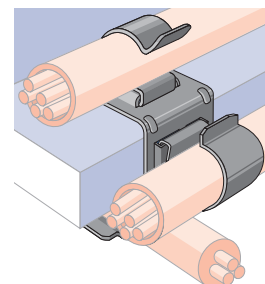
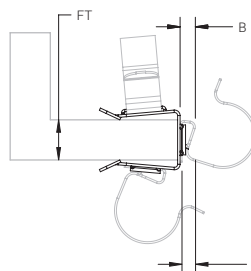
Finish: Armour

Part Number	Article Number	Flange Thickness	Outer Diameter
SCSOL1A	187781	1.5 – 2.0 mm	5 – 7 mm

SCA CABLE SNAP CLIP ADAPTOR

FEATURES

- Use with 24SC series snap clips to accommodate thicker flanges
- Supports up to three snap clips
- Requires only a hammer to install



Material: Spring Steel

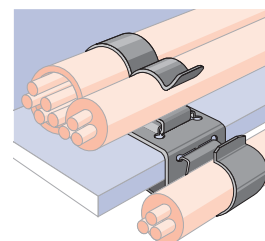
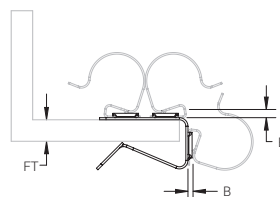
Finish: Armour

Part Number	Article Number	Flange Thickness	B
SCA	160510	13 – 20 mm	2 – 4 mm

SCB CABLE SNAP CLIP ADAPTOR

FEATURES

- Allows for parallel cable runs along the inboard of the flange
- Use with 24SC series snap clips to accommodate thicker flanges
- Supports up to three snap clips
- Requires only a hammer to install



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Flange Thickness	B
SCB1220	188090	12 – 20 mm	2 – 4 mm
SCB312	188080	3 – 12 mm	2 – 4 mm

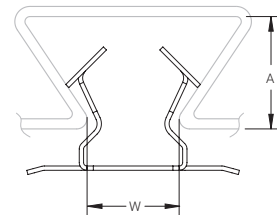
Cable/Conduit

BEAM SNAP CLIPS

SCD DOVETAIL MOUNT CABLE SNAP CLIP ADAPTOR

FEATURES

- Adaptor to fix up to two 24SC snap clips to a dovetail deck
- Provides support for low voltage cables



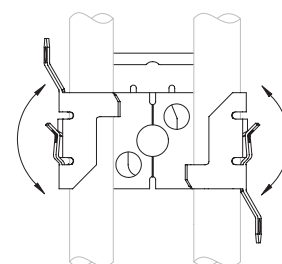
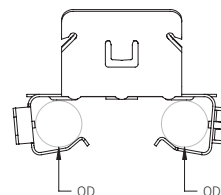
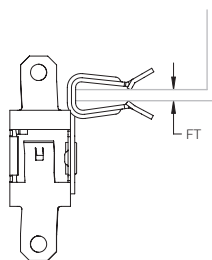
Material: Spring Steel
Finish: Armour

Part Number	Article Number	Width	A
SCD1217	188170	12 – 17 mm	14 mm Min
SCD1722	188180	17 – 22 mm	14 mm Min

MC/AC CABLE TO FLANGE CLIP, SIDE MOUNT

FEATURES

- No tools required for installation
- Compliant with NEC® Article 300.4(d), allowing cable to be positioned a minimum of 1-1/4" from face of stud
- Compliant with CEC Rule 12-618 for support of MC/AC cable



Material: Spring Steel
Finish: Armour



Part Number	Article Number	Flange Thickness	Outer Diameter
MAC224SM	173150	3.2 – 6.4 mm	15.2 mm Max
MAC258SM	173160	7.9 – 12.7 mm	15.2 mm Max
MAC2912SM	173410	14.3 – 19.1 mm	15.2 mm Max

Assemblies allow for support from most main and substructures.

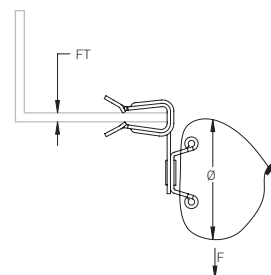
Cable/Conduit

BEAM CABLE CLIPS, TIES AND STRAPS

CABLE TIE WITH FLANGE CLIP

FEATURES

- Used to support cables from beam flanges
- Requires only a hammer to install



Part Number	Article Number	Flange Thickness	Cable Tie	Diameter	Static Load	Standard Packaging Quantity
Material: Spring Steel – Finish: Armour						
2H4CTBB	170210	2 – 3 mm	Nylon Black	10 – 70 mm	150 N	100 pc
2H4CTBW	170170	2 – 3 mm	Nylon White	10 – 70 mm	150 N	100 pc
4H24CTBB	170220	3 – 8 mm	Nylon Black	10 – 70 mm	150 N	100 pc
4H24CTBW	170180	3 – 8 mm	Nylon White	10 – 70 mm	150 N	100 pc
4H58CTBB	170240	8 – 14 mm	Nylon Black	10 – 70 mm	150 N	100 pc
4H58CTBW	170190	8 – 14 mm	Nylon White	10 – 70 mm	150 N	100 pc
4H912CTBB	170260	14 – 20 mm	Nylon Black	10 – 70 mm	150 N	100 pc
4H912CTBW	170200	14 – 20 mm	Nylon White	10 – 70 mm	150 N	100 pc
Material: Stainless Steel 301 (EN 1.4310)						
4H24CTBRS1	170280	3 – 8 mm	Stainless Steel 302 (EN 1.4324)	25 – 51 mm	150 N	100 pc
4H58CTBRS1	170300	8 – 14 mm	Stainless Steel 302 (EN 1.4324)	25 – 51 mm	150 N	100 pc
4H912CTBRS1	170310	14 – 20 mm	Stainless Steel 302 (EN 1.4324)	25 – 51 mm	150 N	100 pc

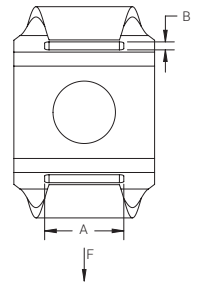
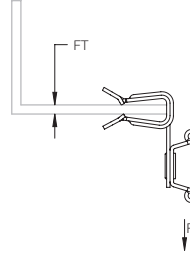
Cable/Conduit

BEAM CABLE CLIPS, TIES AND STRAPS

CABLE TIE HOLDER WITH FLANGE CLIP

FEATURES

- Used to support cables from beam flanges
- Requires only a hammer to install

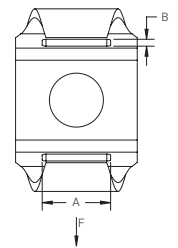
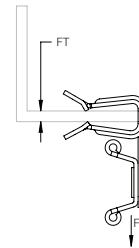


Part Number	Article Number	Flange Thickness	A	B	Static Load	Standard Packaging Quantity
Material: Spring Steel – Finish: Armour						
2H4CT	178510	2 – 3 mm	9 mm	2 mm	150 N	100 pc
4H24CT	178520	3 – 8 mm	9 mm	2 mm	150 N	100 pc
4H24CTSP25	172330	3 – 8 mm	9 mm	2 mm	150 N	10 x 25 pc
4H58CT	178530	8 – 14 mm	9 mm	2 mm	150 N	100 pc
4H58CTSP25	172360	8 – 14 mm	9 mm	2 mm	150 N	10 x 25 pc
4H912CT	178540	14 – 20 mm	9 mm	2 mm	150 N	100 pc
4H912CTSP25	172390	14 – 20 mm	9 mm	2 mm	150 N	10 x 25 pc
Material: Stainless Steel 301 (EN 1.4310)						
4H24CTS1	160500	3 – 8 mm	9 mm	2 mm	150 N	100 pc
4H58CTS1	170430	8 – 14 mm	9 mm	2 mm	150 N	100 pc
4H912CTS1	170700	14 – 20 mm	9 mm	2 mm	150 N	100 pc

CABLE TIE HOLDER WITH INVERTED FLANGE CLIP

FEATURES

- Used to support cables from beam flanges
- Requires only a hammer to install
- Installed at the inside of the beam to avoid accidental rip-off



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Flange Thickness	A	B	Static Load
2H4CTIN	178550	2 – 3 mm	9 mm	2 mm	150 N
4H24CTIN	160470	3 – 8 mm	9 mm	2 mm	150 N
4H58CTIN	160480	8 – 14 mm	9 mm	2 mm	150 N
4H912CTIN	160490	14 – 20 mm	9 mm	2 mm	150 N

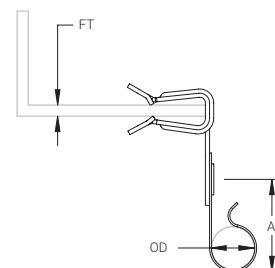
Cable/Conduit

BEAM CABLE CLIPS, TIES AND STRAPS

CABLE TO FLANGE CLIP

FEATURES

- Provides support for low voltage cables
- Requires only a hammer to install



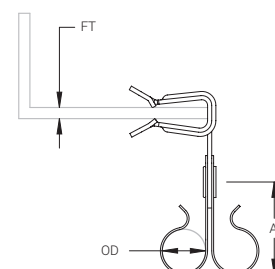
Material: Spring Steel
Finish: Armour

Part Number	Article Number	Flange Thickness	Outer Diameter	A
2H41012A	170460	2 – 3 mm	10.9 – 13.0 mm	25 mm
2H41214A	170470	2 – 3 mm	12.4 – 16.0 mm	25 mm
4H241012A	170480	3 – 8 mm	10.9 – 13.0 mm	25 mm
4H241214A	170630	3 – 8 mm	12.4 – 16.0 mm	25 mm

DOUBLE CABLE TO FLANGE CLIP

FEATURES

- Provides support for low voltage cables
- Requires only a hammer to install



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Flange Thickness	Outer Diameter	A
2H41012B	170830	2 – 3 mm	10.9 – 13.0 mm	25 mm
2H41214B	170840	2 – 3 mm	12.4 – 16.0 mm	25 mm
4H241012B	170850	3 – 8 mm	10.9 – 13.0 mm	25 mm
4H241214B	170640	3 – 8 mm	12.4 – 16.0 mm	25 mm

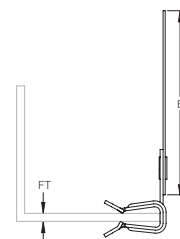
Cable/Conduit

BEAM CABLE CLIPS, TIES AND STRAPS

CABLE RETAINER STRAP WITH FLANGE CLIP

FEATURES

- Fastens cables to top of flange
- Requires only a hammer to install

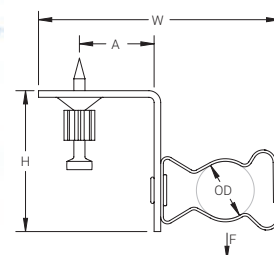


Part Number	Article Number	Flange Thickness	B	Standard Packaging Quantity
Material: Spring Steel – Finish: Armour				
2H4ST3	173420	2 – 3 mm	69 mm	100 pc
4H24ST3	171500	3 – 8 mm	69 mm	100 pc
4H24ST3SP25	172340	3 – 8 mm	69 mm	10 x 25 pc
4H58ST3	171530	8 – 14 mm	69 mm	100 pc
4H58ST3SP25	172370	8 – 14 mm	69 mm	10 x 25 pc
4H912ST3	171640	14 – 20 mm	69 mm	100 pc
4H912ST3SP25	172400	14 – 20 mm	69 mm	10 x 25 pc
Material: Stainless Steel 301 (EN 1.4310)				
4H24ST3S1	171480	3 – 8 mm	69 mm	100 pc
4H58ST3S1	171540	8 – 14 mm	69 mm	100 pc
4H912ST3S1	171550	14 – 20 mm	69 mm	100 pc

SNAP CLOSE CONDUIT/PIPE CLAMP WITH SHOT-FIRE BRACKET

FEATURES

- Eliminates need for offset bending conduit
- Finger closure, no tools required
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc



Material: Steel, Spring Steel

Finish: Electrogalvanized, Armour

Part Number	Article Number	Outer Diameter	Height	Width	A	Static Load
16MSF	171613	30 – 35 mm	44.4 mm	101.6 mm	22.2 mm	110 N
6MSF	171611	14 – 18 mm	42.9 mm	79.4 mm	22.2 mm	110 N
812MSF	171612	18 – 30 mm	50.8 mm	85.7 mm	22.2 mm	110 N

Uses Powers Fasteners, Inc. part number 50032. Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 Mpa) lightweight concrete. For variations in embedment and material please consult www.powers.com. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers.

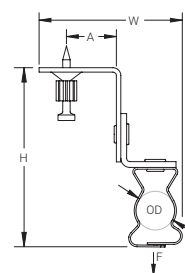
Cable/Conduit

DECK

SNAP CLOSE CONDUIT CLAMP WITH Z SHOT-FIRE BRACKET

FEATURES

- Eliminates need for offset bending conduit
- Finger closure, no tools required
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc



Material: Steel, Spring Steel
Finish: Electrogalvanized, Armour

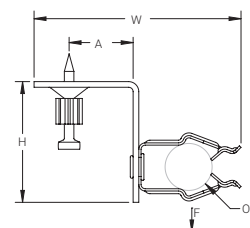
Part Number	Article Number	Outer Diameter	Height	Width	A	Static Load
16MZSF	171622	30 – 35 mm	111.1 mm	70.0 mm	22.2 mm	440 N
6MZSF	171620	14 – 18 mm	88.9 mm	63.5 mm	22.2 mm	440 N
812MZSF	171621	18 – 30 mm	98.4 mm	70.0 mm	22.2 mm	440 N

Uses Powers Fasteners, Inc. part number 50032. Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 Mpa) lightweight concrete. For variations in embedment and material please consult www.powers.com. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers. For shot-fired supports in seismic design category D, E, or F, maximum load is the lesser of 90 lb (400 N) or the published load.

PUSH IN CONDUIT CLAMP WITH SHOT-FIRE BRACKET

FEATURES

- Push-in installation of conduit
- Eliminates need for offset bending conduit
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc



Material: Steel, Spring Steel
Finish: Electrogalvanized, Armour

Part Number	Article Number	Outer Diameter	Height	Width	A	Ultimate Static Load
12PSF	171615	22 – 30 mm	42.9 mm	77.8 mm	22.2 mm	65 N
16PSF	171616	30 – 35 mm	47.6 mm	85.7 mm	22.2 mm	65 N
8PSF	171614	18 – 22 mm	42.9 mm	74.6 mm	22.2 mm	65 N

Uses Powers Fasteners, Inc. part number 50032. Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 Mpa) lightweight concrete. For variations in embedment and material please consult www.powers.com. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers.

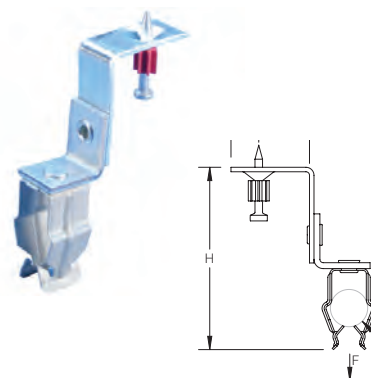
Cable/Conduit

DECK

PUSH IN CONDUIT CLAMP WITH Z SHOT-FIRE BRACKET

FEATURES

- Push-in installation of conduit
- Eliminates need for offset bending conduit
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc



Material: Steel, Spring Steel

Finish: Electrogalvanized, Armour

Part Number	Article Number	Outer Diameter	Height	Width	A	Ultimate Static Load
12PZSF	171624	22 – 30 mm	92.1 mm	66.7 mm	22.2 mm	110 N
16PZSF	171625	30 – 35 mm	98.4 mm	70.0 mm	22.2 mm	110 N
8PZSF	171623	18 – 22 mm	85.7 mm	66.7 mm	22.2 mm	110 N

Uses Powers Fasteners, Inc. part number 50032. Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 Mpa) lightweight concrete. For variations in embedment and material please consult www.powers.com. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers.

BOLT CLOSE CONDUIT/PIPE CLAMP WITH SHOT-FIRE BRACKET

FEATURES

- Retained bolt and built-in nut means there are less parts to handle or drop
- Combo head bolt works with slotted, hex, #3 phillips or #2 robertson drivers
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Outer Diameter	Height	Width	A	Static Load
CD0BSF	171617	17 – 22 mm	44.4 mm	85.7 mm	22.2 mm	440 N
CD1BSF	171618	19 – 25 mm	47.6 mm	95.3 mm	22.2 mm	440 N
CD2BSF	171619	25 – 33 mm	50.8 mm	98.4 mm	22.2 mm	440 N

Uses Powers Fasteners, Inc. part number 50032. Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 Mpa) lightweight concrete. For variations in embedment and material please consult www.powers.com. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers.

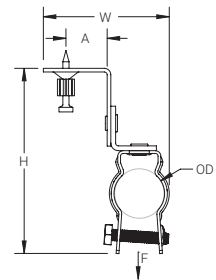
Cable/Conduit

DECK

BOLT CLOSE CONDUIT/PIPE CLAMP WITH Z SHOT-FIRE BRACKET

FEATURES

- Retained bolt and built-in nut means there are less parts to handle or drop
- Combo head bolt works with slotted, hex, #3 phillips or #2 robertson drivers
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc



Material: Steel

Finish: Electrogalvanized

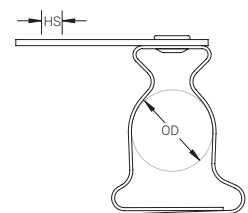
Part Number	Article Number	Outer Diameter	Height	Width	A	Static Load
CD0BZSF	171626	17 – 22 mm	98.4 mm	70.0 mm	22.2 mm	440 N
CD1BZSF	171627	19 – 25 mm	104.8 mm	79.4 mm	22.2 mm	440 N
CD2BZSF	171628	25 – 33 mm	111.1 mm	79.4 mm	22.2 mm	440 N

Uses Powers Fasteners, Inc. part number 50032. Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 Mpa) lightweight concrete. For variations in embedment and material please consult www.powers.com. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers. For shot-fired supports in seismic design category D, E, or F, maximum load is the lesser of 90 lb (400 N) or the published load.

SNAP CLOSE CONDUIT CLAMP WITH NAIL BRACKET

FEATURES

- Used to attach conduit to wood, steel or concrete
- Eliminates need for offset bending conduit
- Works with power tools, screw guns or nails
- May be attached after positioning conduit



Material: Spring Steel

Finish: Armour



Part Number	Article Number	Outer Diameter	Hole Size
CNB812M	171610	18 – 30 mm	4.75 mm

No load rating, for positioning only.

Cable/Conduit

DECK

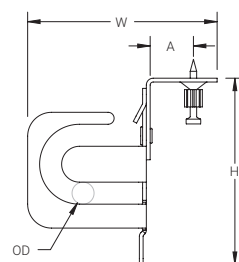
MC/AC CABLE SUPPORT WITH SHOT-FIRE BRACKET

FEATURES

- Neatly isolates, supports and secures MC/AC cables
- Properly spaces MC/AC cable to help eliminate bundling and NEC® & -CEC derating issues
- Results in a “neat and workmanlike” installation
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc.

Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Outer Diameter	Cable Capacity	Height	Width	A
MCS100SF	171632	11 – 14 mm	8	98.4 mm	73 mm	22.2 mm

Uses Powers Fasteners, Inc. part number 50032. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers.

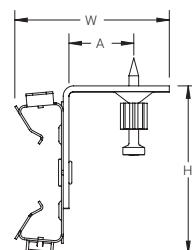
MC/AC CABLE CLIP WITH SHOT-FIRE BRACKET

FEATURES

- Provides easy snap-in installation of up to two MC/AC cables
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc.

Material: Steel, Spring Steel

Finish: Electrogalvanized, Armour



Part Number	Article Number	Height	Width	A
MAC2SF	171629	60.3 mm	55.6 mm	22.2 mm

Uses Powers Fasteners, Inc. part number 50032. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers.

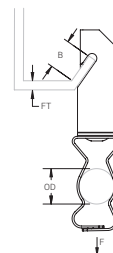
Cable/Conduit

PURLIN

123-M CONDUIT TO Z PURLIN CLIP

FEATURES

- Snap-close conduit support
- Conduit clip rotates 360 degrees
- Supports conduit from purlin



Material: Spring Steel

Finish: Armour

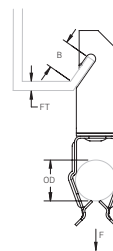
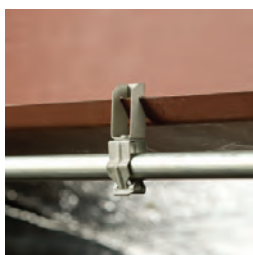


Part Number	Article Number	Outer Diameter	Flange Thickness	B	Static Load	Certifications
12316M	174790	30 – 35 mm	1.5 – 2.5 mm	15 mm Min	450 N	cULus
12320M	177760	35 – 42 mm	1.5 – 2.5 mm	15 mm Min	450 N	cULus
1236M	174760	14 – 18 mm	1.5 – 2.5 mm	15 mm Min	450 N	cULus
160420	160420	18 – 30 mm	1.5 – 2.5 mm	15 mm Min	450 N	

123-P CONDUIT TO Z PURLIN CLIP

FEATURES

- Push-in conduit support
- Conduit clip rotates 360 degrees
- Supports conduit from purlin



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Outer Diameter	Flange Thickness	B	Static Load	Ultimate Static Load
12312P	176730	22 – 30 mm	1.5 – 2.5 mm	15 mm Min	110 N	110 N
12316P	176740	30 – 35 mm	1.5 – 2.5 mm	15 mm Min	110 N	110 N
1238P	176720	18 – 22 mm	1.5 – 2.5 mm	15 mm Min	110 N	110 N

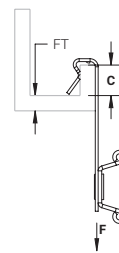
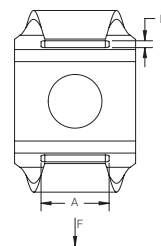
Cable/Conduit

PURLIN

J-CT CABLE TIE HOLDER WITH C PURLIN CLIP

FEATURES

- Used to support cables from C purlin
- Requires only a hammer to install



Material: Spring Steel

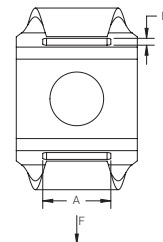
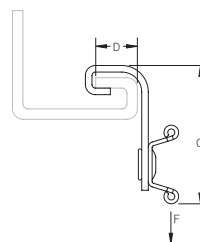
Finish: Armour

Part Number	Article Number	Flange Thickness	Cable Tie	A	B	C	Static Load
J1CT	170610	1.5 – 4.0 mm	Not Included	9 mm	2 mm	10 mm Min	150 N
J1CTBB	170410	1.5 – 4.0 mm	Nylon Black	9 mm	2 mm	10 mm Min	150 N
J1CTBW	170360	1.5 – 4.0 mm	Nylon White	9 mm	2 mm	10 mm Min	150 N
J2CT	170350	4.0 – 6.5 mm	Not Included	9 mm	2 mm	10 mm Min	150 N
J2CTBB	170440	4.0 – 6.5 mm	Nylon Black	9 mm	2 mm	10 mm Min	150 N
J2CTBW	170390	4.0 – 6.5 mm	Nylon White	9 mm	2 mm	10 mm Min	150 N

PW2-CT CABLE TIE HOLDER WITH C PURLIN CLIP

FEATURES

- Used to support cables from flanges
- Combines with cable ties (not included)



Material: Steel, Spring Steel

Finish: Armour

Part Number	Article Number	A	B	C	D	Static Load
PW2CT	175690	9 mm	2 mm	40 mm	12.5 mm	700 N

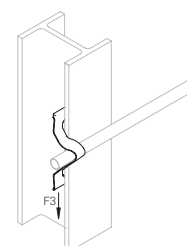
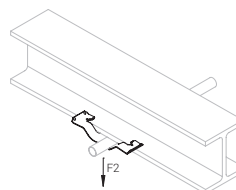
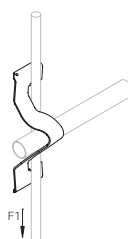
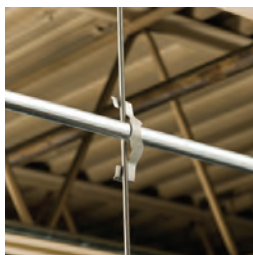
Cable/Conduit

ROD/WIRE

CABLE/CONDUIT CLIP

FEATURES

- Supports conduit to rod, wire or flange
- Can also be used for flexible metallic tubing, armored cable, portable cables, control tubes and communications cable
- Available for EMT, rigid, ENT, IMT, MC/AC and aluminum conduit
- No installation tools required



Material: Spring Steel

Finish: Armour



Part Number	Article Number	Outer Diameter	Static Load 1	Static Load 2	Static Load 3	Standard Packaging Quantity
K12	170670	24 mm Max	220 N	445 N	110 N	100 pc
K16	170680	30 mm Max	220 N	445 N	110 N	100 pc
K20	170690	42 mm Max	220 N	445 N	110 N	100 pc
K8	170660	18 mm Max	220 N	445 N	110 N	100 pc
KX	170870	12 mm Max				100 pc

May require dedicated drop wire/rod and EC311. Consult local authority. For horizontal application only when installing conduit.

Part Number	Outer Diameter	Rod Size
K8	8 mm – 18 mm	M4; M6
K12	14 mm – 20 mm	M12
K12	16 mm – 22 mm	M8; M10
K12	18 mm – 24 mm	M4; M6
K16	22 mm – 24 mm	M12
K16	24 mm – 26 mm	M8; M10
K16	26 mm – 30 mm	M4; M6
K20	20 mm – 36 mm	M12
K20	25 mm – 38 mm	M8; M10
K20	30 mm – 42 mm	M4; M6
KX	4 mm – 12 mm	M4; M6

Part Number	Outer Diameter	Flange Thickness
K8	3 mm – 7 mm	12 mm – 16 mm
K12	3 mm – 7 mm	16 mm – 22 mm
K12	8 mm – 10 mm	14 mm – 20 mm
K12	11 mm – 13 mm	12 mm – 19 mm
K16	3 mm – 7 mm	24 mm – 28 mm
K16	8 mm – 10 mm	20 mm – 26 mm
K16	11 mm – 13 mm	19 mm – 24 mm
K20	3 mm – 7 mm	28 mm – 40 mm
K20	8 mm – 10 mm	26 mm – 38 mm
K20	11 mm – 13 mm	21 mm – 35 mm
KX	6 mm – 12 mm	3 mm – 5 mm

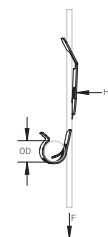
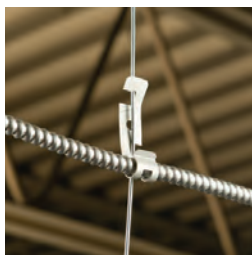
Cable/Conduit

ROD/WIRE

CABLE/CONDUIT TO WIRE CLIP

FEATURES

- Supports cable and conduit without bending drop wire
- Faster installation than traditional methods



Material: Spring Steel
Finish: Armour

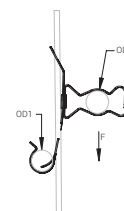
Part Number	Article Number	Outer Diameter	Wire Size	Hole Size	Ultimate Static Load	Certifications
PCS1	170880	11 – 14 mm	2 – 4 mm	6.8 mm	110 N	cULus
PCS2	170881	15 – 23 mm	2 – 4 mm	6.8 mm	110 N	

NEC® 300.11 requires dedicated drop wire/rod and EC311.

PCS-M CONDUIT TO WIRE CLIP

FEATURES

- Supports cable and conduit without bending drop wire
- Faster installation than traditional methods



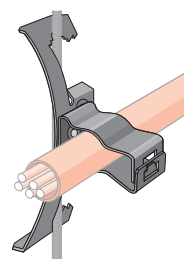
Material: Spring Steel
Finish: Armour

Part Number	Article Number	Outer Diameter 1	Outer Diameter 2	Wire Size	Static Load
6MPCS1	171000	11 – 14 mm	14 – 18 mm	2 – 4 mm	110 N
812PCS1	170990	11 – 14 mm	18 – 30 mm	2 – 4 mm	110 N

SNAP CLOSE CONDUIT TO ROD/WIRE CLIP

FEATURES

- Provides attachment of conduit and boxes



Material: Spring Steel
Finish: Armour



Part Number	Article Number	Outer Diameter	Rod Size	Wire Size	Flange Thickness	Certifications
4Z346M	171050	14 – 18 mm	M4, M6, M8	4.8 mm	3.0 – 9.0 mm	
4Z34812M	171060	18 – 30 mm	M4, M6, M8	4.8 mm	3.2 – 9.5 mm	cULus
6Z346M	171080	14 – 18 mm	M8, M10, M12		9.5 – 11.0 mm	
6Z34812M	171090	18 – 30 mm	M10		9.5 – 11.1 mm	cULus

NEC® 300.11 requires dedicated drop wire/rod and EC311.

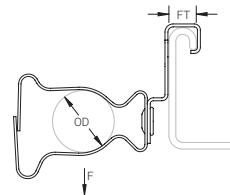
Cable/Conduit

STRUT

ESC-M CONDUIT TO STRUT CLIP

FEATURES

- Attaches to open side of a strut channel
- Includes easy close pipe and conduit clamp



Material: Spring Steel
Finish: Armour

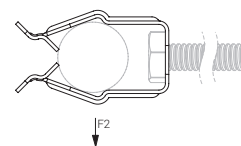
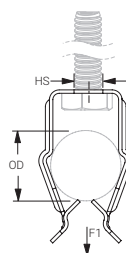


Part Number	Article Number	Outer Diameter	Flange Thickness	Static Load
ESC812M	174600	18 – 30 mm	10 mm	110 N

PUSH IN CONDUIT CLAMP

FEATURES

- Push-in installation of conduit
- Eliminates need for offset bending conduit
- May be used for either vertical or horizontal installations



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Outer Diameter	Hole Size	Hole Type	Ultimate Static Load 1	Ultimate Static Load 2
12P	171150	22 – 30 mm	7 mm	Plain	110 N	65 N
16P	171170	30 – 35 mm	7 mm	Plain	110 N	65 N
8P	171130	18 – 22 mm	7 mm	Plain	110 N	65 N

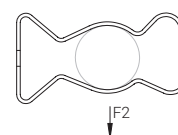
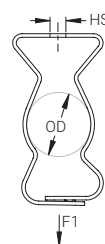
Cable/Conduit

CLAMPS AND CLIPS

SNAP CLOSE CONDUIT/PIPE CLAMP

FEATURES

- May be used for either vertical or horizontal installations
- Eliminates need for offset bending conduit
- Finger closure, no tools required



Material: Spring Steel

Finish: Armour



Part Number	Article Number	Outer Diameter	Hole Size	Hole Type	Static Load 1	Static Load 2	Certifications
Material: Spring Steel – Finish: Armour							
16M	170100	30 – 35 mm	7 mm	Plain	440 N	110 N	cULus
20M	170110	35 – 42 mm	7 mm	Plain	440 N	110 N	cULus
24M	170120	42 – 50 mm	7 mm	Plain	440 N	110 N	cULus
32M	170130	50 – 60 mm	7 mm	Plain	440 N	110 N	cULus
6M	170790	14 – 18 mm	7 mm	Plain	440 N	110 N	cULus
812M	177130	18 – 30 mm	7 mm	Plain	440 N	110 N	cULus
Material: Stainless Steel 301 (EN 1.4310)							
12MS1	179910	22 – 30 mm	7 mm	Plain	440 N	110 N	
8MS1	179900	18 – 22 mm	7 mm	Plain	440 N	110 N	

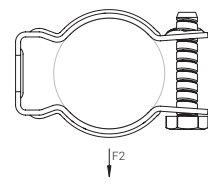
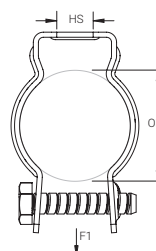
Cable/Conduit

CLAMPS AND CLIPS

BOLT CLOSE CONDUIT/PIPE CLAMP

FEATURES

- Retained bolt and built-in nut means there are less parts to handle or drop
- Combo head bolt works with slotted, hex, #3 phillips or #2 robertson drivers



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Outer Diameter	Hole Size	Static Load 1	Static Load 2	Certifications	Standard Packaging Quantity
Nut Type: Built-In Nut							
CD0B	181140	17 – 22 mm	6.4 mm	880 N	220 N	cULus	100 pc
CD1B	181190	19 – 25 mm	6.4 mm	880 N	220 N	cULus	100 pc
CD2.5B	181370	31 – 38 mm	6.4 mm	880 N	220 N	cULus	100 pc
CD2B	181150	25 – 33 mm	6.4 mm	880 N	220 N	cULus	100 pc
CD3B	181380	36 – 43 mm	6.4 mm	880 N	220 N	cULus	100 pc
CD4B	181390	45 – 48 mm	9.5 mm	880 N	220 N	cULus	50 pc
CD5B	181470	49 – 73 mm	7.9 mm	880 N	220 N	cULus	50 pc
Nut Type: Hex Nut							
CD6B	181480	66 – 76 mm	7.9 mm	1,550 N	220 N		25 pc
CD7B	181490	80 – 90 mm	7.9 mm	1,550 N	220 N		25 pc
CD8B	181500	95 – 105 mm	7.9 mm	1,550 N	220 N		10 pc
CD9B	181540	108 – 115 mm	7.9 mm	1,550 N	220 N		10 pc

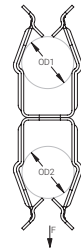
Cable/Conduit

CLAMPS AND CLIPS

PUSH IN CONDUIT TO CONDUIT CLAMP

FEATURES

- Ideal as spacer between same or different size conduit
- No tools required for installation
- Top conduit to be used for support only, not a raceway



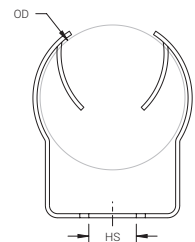
Material: Spring Steel
Finish: Armour

Part Number	Article Number	Outer Diameter 1	Outer Diameter 2	Ultimate Static Load
12P12P	171250	22 – 30 mm	22 – 30 mm	110 N
12P16P	171260	22 – 30 mm	30 – 35 mm	110 N
16P16P	171270	30 – 35 mm	30 – 35 mm	110 N
8P12P	171230	18 – 22 mm	22 – 30 mm	110 N
8P16P	171240	18 – 22 mm	30 – 35 mm	110 N
8P8P	171220	18 – 22 mm	18 – 22 mm	110 N

WALL MOUNT CONDUIT CLIP

FEATURES

- Quickly attaches pipe, conduit, MC/AC and tube to wall surfaces
- Push-in installation of conduit
- Eliminates need for offset bending conduit
- Low-profile design minimizes snag potential
- Secure with powder-actuated tools, self-tapping concrete anchors or screw guns



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Outer Diameter	Hole Size
WC812	160890	18 – 30 mm	7 mm

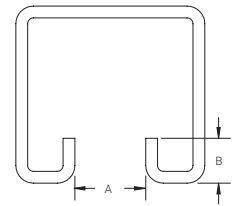
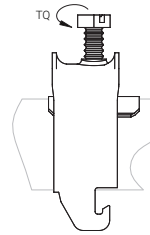
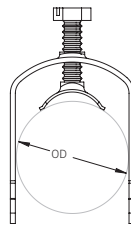
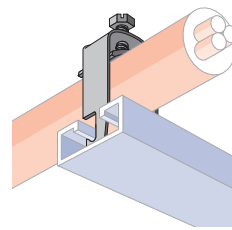
Cable/Conduit

CLAMPS AND CLIPS CABLE CLAMP SYSTEM

C-EC CABLE TO STRUT CLAMP

FEATURES

- One-piece cable/conduit clamp with protective boot
- No screws or bolts to drop
- Requires only a screwdriver or nutdriver for installation
- Fits into open side of strut channel



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Outer Diameter	Torque	A	B
C100EC	337790	94 – 100 mm	4 N-m	18 mm Min	10 mm Max
C12EC	337600	8 – 12 mm	2 N-m	18 mm Min	10 mm Max
C16EC	337610	12 – 16 mm	2 N-m	18 mm Min	10 mm Max
C20EC	337620	16 – 20 mm	2 N-m	18 mm Min	10 mm Max
C24EC	337630	20 – 24 mm	2 N-m	18 mm Min	10 mm Max
C28EC	337640	24 – 28 mm	2 N-m	18 mm Min	10 mm Max
C32EC	337650	28 – 32 mm	2 N-m	18 mm Min	10 mm Max
C36EC	337660	32 – 36 mm	2 N-m	18 mm Min	10 mm Max
C40EC	337670	36 – 40 mm	2 N-m	18 mm Min	10 mm Max
C44EC	337680	40 – 44 mm	4 N-m	18 mm Min	10 mm Max
C48EC	337690	44 – 48 mm	4 N-m	18 mm Min	10 mm Max
C52EC	337700	48 – 52 mm	4 N-m	18 mm Min	10 mm Max
C56EC	337710	52 – 56 mm	4 N-m	18 mm Min	10 mm Max
C60EC	337720	56 – 60 mm	4 N-m	18 mm Min	10 mm Max
C64EC	337730	60 – 64 mm	4 N-m	18 mm Min	10 mm Max
C70EC	337740	64 – 70 mm	4 N-m	18 mm Min	10 mm Max
C76EC	337750	70 – 76 mm	4 N-m	18 mm Min	10 mm Max
C82EC	337760	76 – 82 mm	4 N-m	18 mm Min	10 mm Max
C88EC	337770	82 – 88 mm	4 N-m	18 mm Min	10 mm Max
C94EC	337780	88 – 94 mm	4 N-m	18 mm Min	10 mm Max

Screw is electrogalvanized on clamps that have an outer diameter of 40 mm or less.

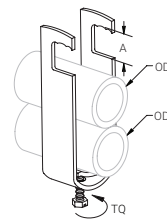
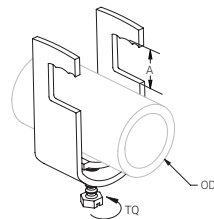
Cable/Conduit

CLAMPS AND CLIPS CABLE CLAMP SYSTEM

C-ERU CABLE TO FLANGE/POLE CLAMP

FEATURES

- Supports multiple runs of cable
- For fastening to round profiles or flat sections



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Outer Diameter	A	Torque
Cable Capacity: 1				
C14ERU	337200	14 mm	22 mm	2 N-m
C20ERU	337210	20 mm	22 mm	2 N-m
C26ERU	337220	26 mm	22 mm	2 N-m
C32ERU	337230	32 mm	22 mm	2 N-m
C38ERU	337240	38 mm	22 mm	2 N-m
C44ERU	337250	44 mm	22 mm	4 N-m
C52ERU	337260	52 mm	22 mm	4 N-m
C60ERU	337270	60 mm	22 mm	4 N-m
C70ERU	337280	70 mm	22 mm	4 N-m
Cable Capacity: 2				
C14ERU2	338300	14 mm	22 mm	2 N-m
C20ERU2	338310	20 mm	22 mm	2 N-m
C26ERU2	338320	26 mm	22 mm	2 N-m
C32ERU2	338330	32 mm	22 mm	2 N-m

Screw is electrogalvanized on clamps that have an outer diameter of 40 mm or less.

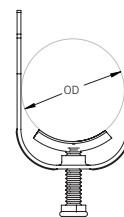
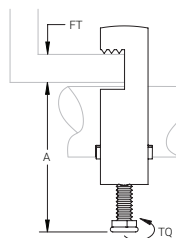
Cable/Conduit

CLAMPS AND CLIPS CABLE CLAMP SYSTEM

C-EU SINGLE CABLE TO FLANGE CLAMP

FEATURES

- Supports single run of conduit
- Attaches to beam flanges, angle iron, joists and other structural supports



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Outer Diameter	Flange Thickness	A	Torque
C100EU	337490	94 – 100 mm	12 mm Max	137 mm Max	4 N-m
C12EU	337300	8 – 12 mm	12 mm Max	41 mm Max	2 N-m
C16EU	337310	12 – 16 mm	12 mm Max	46 mm Max	2 N-m
C20EU	337320	16 – 20 mm	12 mm Max	50 mm Max	2 N-m
C24EU	337330	20 – 24 mm	12 mm Max	54 mm Max	2 N-m
C28EU	337340	24 – 28 mm	12 mm Max	58 mm Max	2 N-m
C32EU	337350	28 – 32 mm	12 mm Max	63 mm Max	2 N-m
C36EU	337360	32 – 36 mm	12 mm Max	67 mm Max	2 N-m
C40EU	337370	36 – 40 mm	12 mm Max	71 mm Max	2 N-m
C44EU	337380	40 – 44 mm	12 mm Max	81 mm Max	4 N-m
C48EU	337390	44 – 48 mm	12 mm Max	85 mm Max	4 N-m
C52EU	337400	48 – 52 mm	12 mm Max	90 mm Max	4 N-m
C56EU	337410	52 – 56 mm	12 mm Max	94 mm Max	4 N-m
C60EU	337420	56 – 60 mm	12 mm Max	98 mm Max	4 N-m
C64EU	337430	60 – 64 mm	12 mm Max	102 mm Max	4 N-m
C70EU	337440	64 – 70 mm	12 mm Max	109 mm Max	4 N-m
C76EU	337450	70 – 76 mm	12 mm Max	113 mm Max	4 N-m
C82EU	337460	76 – 82 mm	12 mm Max	119 mm Max	4 N-m
C88EU	337470	82 – 88 mm	12 mm Max	125 mm Max	4 N-m
C94EU	337480	88 – 94 mm	12 mm Max	131 mm Max	4 N-m

Screw is electrogalvanized on clamps that have an outer diameter of 40 mm or less.

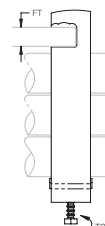
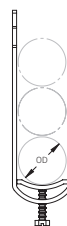
Cable/Conduit

CLAMPS AND CLIPS CABLE CLAMP SYSTEM

C-EU SINGLE CABLE TO FLANGE CLAMP

FEATURES

- Supports multiple runs of cable
- Attaches to beam flanges, angle iron, joists and other structural supports
- Use with C-HW Coaxial/HF Cable Protector



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Outer Diameter	Flange Thickness	Torque
Cable Capacity: 2				
C12EU2	337305	8 – 12 mm	12 mm Max	2 N-m
C16EU2	337315	12 – 16 mm	12 mm Max	2 N-m
C20EU2	337325	16 – 20 mm	12 mm Max	2 N-m
C32EU2	337355	28 – 32 mm	12 mm Max	2 N-m
C44EU2	337385	40 – 44 mm	12 mm Max	4 N-m
C52EU2	337415	48 – 52 mm	12 mm Max	4 N-m
Cable Capacity: 3				
C12EU3	337306	8 – 12 mm	12 mm Max	2 N-m
C16EU3	337316	12 – 16 mm	12 mm Max	2 N-m
C20EU3	337326	16 – 20 mm	12 mm Max	2 N-m
C32EU3	337356	28 – 32 mm	12 mm Max	2 N-m
C44EU3	337366	40 – 44 mm	12 mm Max	4 N-m
C52EU3	337416	48 – 52 mm	12 mm Max	4 N-m

Screw is electrogalvanized on clamps that have an outer diameter of 40 mm or less.

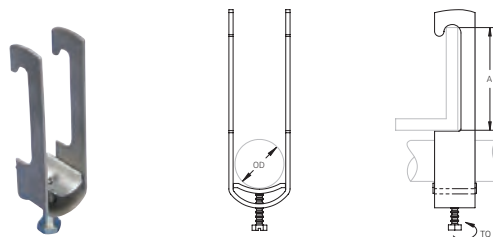
Cable/Conduit

CLAMPS AND CLIPS CABLE CLAMP SYSTEM

C-ES CABLE TO VERTICAL FLANGE CLAMP

FEATURES

- Supports multiple runs of cable
- Attaches to beam flanges, angle iron, joists and other structural supports



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Outer Diameter	A	Torque
C100ES	337190	94 – 100 mm	40 mm	4 N-m
C12ES	337000	6 – 12 mm	40 mm	2 N-m
C16ES	337010	12 – 16 mm	40 mm	2 N-m
C20ES	337020	16 – 20 mm	40 mm	2 N-m
C24ES	337030	20 – 24 mm	40 mm	2 N-m
C28ES	337040	24 – 28 mm	40 mm	2 N-m
C32ES	337050	28 – 32 mm	40 mm	2 N-m
C36ES	337060	32 – 36 mm	40 mm	2 N-m
C40ES	337070	36 – 40 mm	40 mm	2 N-m
C44ES	337080	40 – 44 mm	40 mm	4 N-m
C48ES	337090	44 – 48 mm	40 mm	4 N-m
C52ES	337100	48 – 52 mm	40 mm	4 N-m
C56ES	337110	52 – 56 mm	40 mm	4 N-m
C60ES	337120	56 – 60 mm	40 mm	4 N-m
C64ES	337130	60 – 64 mm	40 mm	4 N-m
C70ES	337140	64 – 70 mm	40 mm	4 N-m
C76ES	337150	70 – 76 mm	40 mm	4 N-m
C82ES	337160	76 – 82 mm	40 mm	4 N-m
C88ES	337170	82 – 88 mm	40 mm	4 N-m
C94ES	337180	88 – 94 mm	40 mm	4 N-m

Screw is electrogalvanized on clamps that have an outer diameter of 40 mm or less.

Cable/Conduit

CLAMPS AND CLIPS CABLE CLAMP SYSTEM

C-GW CABLE PROTECTION PLATE

FEATURES

- Cable protection plate
- Used with C-EC, C-EU, C-ERU and C-ES products



Part Number	Article Number	Outer Diameter	Length
Material: Polyethylene			
C12GW	337800	9 – 12 mm	40 mm
C16GW	337810	13 – 16 mm	40 mm
C20GW	337820	17 – 20 mm	40 mm
C24GW	337830	21 – 24 mm	40 mm
C28GW	337840	25 – 28 mm	40 mm
C32GW	337850	29 – 32 mm	40 mm
C36GW	337860	33 – 36 mm	40 mm
C40GW	337870	37 – 40 mm	40 mm
C48GW	337890	41 – 48 mm	40 mm
C56GW	337900	49 – 56 mm	40 mm
C64GW	338000	57 – 64 mm	40 mm
C70GW	337940	65 – 70 mm	40 mm
Material: Steel – Finish: Pregalvanized			
C100GW	337990	95 – 100 mm	60 mm
C76GW	337950	71 – 76 mm	60 mm
C82GW	337960	77 – 82 mm	60 mm
C88GW	337970	83 – 88 mm	60 mm
C94GW	337980	89 – 94 mm	60 mm

Cable/Conduit

CLAMPS AND CLIPS CABLE CLAMP SYSTEM

C-LW PROTECTION PLATE FOR CABLE CLAMPS

FEATURES

- Cable protection plate
- Used with C-EC, C-EU, C-ERU and C-ES products



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Outer Diameter	Length
C100LW	339690	95 – 100 mm	100 mm
C12LW	339500	9 – 12 mm	70 mm
C16LW	339510	13 – 16 mm	70 mm
C20LW	339520	17 – 20 mm	70 mm
C24LW	339530	21 – 24 mm	70 mm
C28LW	339540	25 – 28 mm	70 mm
C32LW	339550	29 – 32 mm	70 mm
C36LW	339560	33 – 36 mm	70 mm
C40LW	339570	37 – 40 mm	70 mm
C44LW	339580	41 – 44 mm	70 mm
C48LW	339590	45 – 48 mm	70 mm
C52LW	339600	49 – 52 mm	70 mm
C56LW	339610	53 – 56 mm	70 mm
C60LW	339620	57 – 60 mm	70 mm
C64LW	339630	61 – 64 mm	70 mm
C70LW	339640	65 – 70 mm	70 mm
C76LW	339650	71 – 76 mm	70 mm
C82LW	339660	77 – 82 mm	100 mm
C88LW	339670	83 – 88 mm	100 mm
C94LW	339680	89 – 94 mm	100 mm

Cable/Conduit

CLAMPS AND CLIPS CABLE CLAMP SYSTEM

C-HW COAXIAL/HF CABLE PROTECTOR

FEATURES

- Cable protection sleeves
- Shield up to three cables
- Used with 2/3EU series products



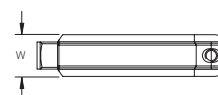
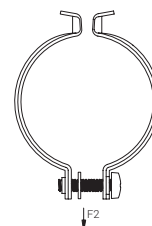
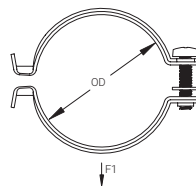
Material: Polystyrene

Part Number	Article Number	Outer Diameter	Length
C20HW	338001	17 mm	55 mm
C32HW	338002	29 mm	60 mm
C44HW	338003	39 mm	60 mm
C58HW	338004	51 mm	60 mm

PIPE/CABLE CLAMP

FEATURES

- Attaches to Multi-Function C-Clamp or C-Channel Type E5



Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Width	Static Load 1	Static Load 2
Material: Stainless Steel 304 (EN 1.4301)							
CR037S4	336400	3/8"	10	16.0 – 20.0 mm	16 mm	125 N	550 N
CR050S4	336410	1/2"	15	20.4 – 25.0 mm	16 mm	125 N	550 N
CR075S4	336420	3/4"	20	26.9 – 31.8 mm	16 mm	125 N	550 N
CR100S4	336430	1"	25	33.7 – 38.0 mm	20 mm	250 N	550 N
CR125S4	336440	1 1/4"	32	40.0 – 44.5 mm	20 mm	250 N	550 N
CR150S4	336450	1 1/2"	40	47.0 – 51.0 mm	20 mm	250 N	550 N
CR200S4	336460	2"	50	59.2 – 63.5 mm	20 mm	250 N	550 N
Material: Steel – Finish: Hot-Dip Galvanized							
CR037HD	336300	3/8"	10	16.0 – 20.0 mm	16 mm	125 N	550 N
CR050HD	336310	1/2"	15	20.4 – 25.0 mm	16 mm	125 N	550 N
CR075HD	336320	3/4"	20	26.9 – 31.8 mm	16 mm	125 N	550 N
CR100HD	336330	1"	25	33.7 – 38.0 mm	20 mm	250 N	550 N
CR125HD	336340	1 1/4"	32	40.0 – 44.5 mm	20 mm	250 N	550 N
CR150HD	336350	1 1/2"	40	47.0 – 51.0 mm	20 mm	250 N	550 N
CR200HD	336360	2"	50	59.2 – 63.5 mm	20 mm	250 N	550 N

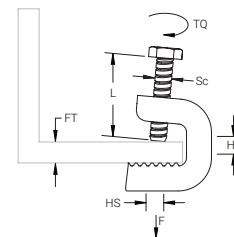
Cable/Conduit

CLAMPS AND CLIPS C-CR PIPE/CABLE CLAMP SYSTEM

MULTI-FUNCTION C-CLAMP

FEATURES

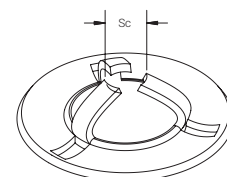
- Multi-functional beam clamp
- Use with Cable/Conduit/Pipe Clamp or Square Washer for Multi-Function C-Clamp



Part Number	Article Number	Flange Thickness	Hole Size	Screw Diameter	Screw Length	Torque	Static Load
Material: Stainless Steel 304 (EN 1.4301)							
C20S4	336130	4 – 20 mm	14 mm	M6	25 mm	3 N-m	1,100 N
C30S4	336140	17 – 30 mm	14 mm	M8	30 mm	3 N-m	1,100 N
C45S4	336150	30 – 44 mm	14 mm	M8	30 mm	3 N-m	1,100 N
Material: Steel – Finish: Hot-Dip Galvanized							
C20HD	336100	4 – 20 mm	14 mm	M6	25 mm	3 N-m	1,100 N
C30HD	336110	17 – 30 mm	14 mm	M8	30 mm	3 N-m	1,100 N
C45HD	336120	30 – 44 mm	14 mm	M8	30 mm	3 N-m	1,100 N

Setscrew must be tightened and torqued onto the sloped side of the I-beam.

FLANGE PROTECTOR FOR MULTI-FUNCTION C-CLAMP



Part Number	Article Number	Screw Diameter
Material: Stainless Steel 304 (EN 1.4301)		
SPPM6S4	336220	M6
SPPM8S4	336230	M8
Material: Steel – Finish: Hot-Dip Galvanized		
SPPM6HD	336200	M6
SPPM8HD	336210	M8

When the laquer protective plates are used, the clamping range is reduced by approximately 3 mm and the permissible load must be reduced by 20%. The screw tip should be placed so it will not damage the paint of the steel structure.

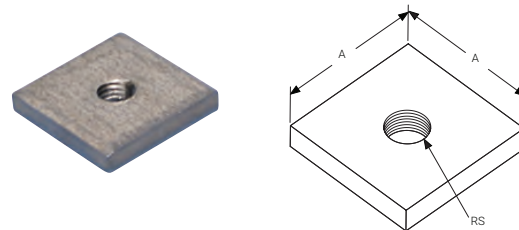
Cable/Conduit

CLAMPS AND CLIPS C-CR PIPE/CABLE CLAMP SYSTEM

SQUARE NUT FOR MULTI-FUNCTION C-CLAMP

FEATURES

- Square adapter nut for Wide Mouth Steel C-Clamp
- Exact fit into C-Clamp; nuts do not twist during installation

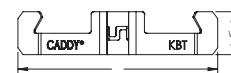
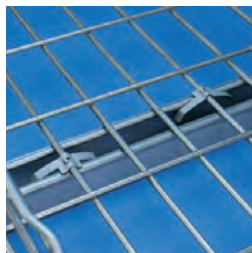


Part Number	Article Number	Rod Size	A
Material: Stainless Steel 304 (EN 1.4301)			
CNM6S4	336180	M6	28 mm
CNM8S4	336190	M8	28 mm
Material: Steel — Finish: Hot-Dip Galvanized			
CNM6	336160	M6	28 mm
CNM8	336170	M8	28 mm

WIRE BASKET TRAY CLIP

FEATURES

- Attaches wire basket tray to strut without additional hardware
- No tools required



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Wire Size	Length	Width
KBT	170011	4 – 8 mm	74 mm	16 mm

Use two clips per strut support for trays up to 12" (300mm). Use three clips per strut support for trays up to 18" (457mm) and add one clip per strut support for each additional 6" (150mm) of tray width. No load rating, for positioning only.

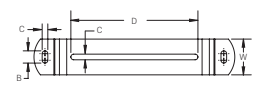
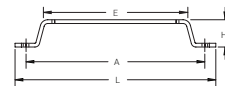
Cable/Conduit

CABLE TRAY AND ACCESSORIES

CABLE TRAY SUPPORT BRACKET

FEATURES

- Secures wire basket mesh or perforated cable trays to either vertical or horizontal masonry surfaces
- Accommodates cable tray from 50 mm to 450 mm wide
- Includes two M6 adjustable captive nuts and two M6 round bolts for securing perforated tray
- Works with the KBT Wire Basket Tray Clip for securing wire basket cable tray



Material: Steel

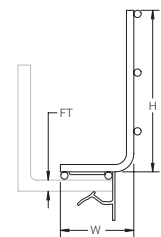
Finish: Electrogalvanized

Part Number	Article Number	Height	Length	Width	A	B	C	D	E
ECTB1	175640	25 mm	122 mm	38 mm	96.5 mm	6.5 mm	13 mm	43.0 mm	63.5 mm
ECTB2	175650	25 mm	186 mm	38 mm	160.5 mm	6.5 mm	13 mm	107.0 mm	127.0 mm
ECTB3	175660	25 mm	283 mm	38 mm	257.5 mm	6.5 mm	13 mm	205.0 mm	225.0 mm
ECTB4	175670	25 mm	360 mm	38 mm	333.5 mm	6.5 mm	13 mm	278.5 mm	298.5 mm
ECTB5	175950	25 mm	520 mm	38 mm	494.5 mm	6.5 mm	13 mm	440.0 mm	460.0 mm

CABLE TRAY WITH FLANGE CLIP

FEATURES

- Quick and easy solution to support datacom cables along existing I-beams
- Half the weight and is an alternative to traditional cable tray
- Utilizes the lost space within the beam, modifying it to a practical cable tray



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	Height	Length	Width
BTF24	160820	3 – 8 mm	110 mm	1.5 m	50 mm
BTF58	160830	8 – 14 mm	110 mm	1.5 m	50 mm
BTF912	160840	14 – 20 mm	110 mm	1.5 m	50 mm

Cable/Conduit

CABLE TRAY AND ACCESSORIES

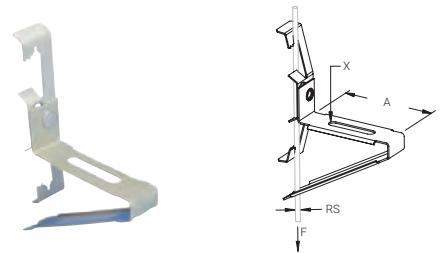
CABLE TRAY TO ROD CLIP

FEATURES

- Supports cable tray up to 68mm wide

Material: Spring Steel

Finish: Armour

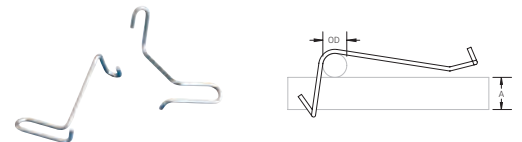


Part Number	Article Number	Rod Size	A	X	Static Load
4Z34CTS	172950	M4, M6, M8	68 mm	35 x 6.5 mm	90 N
6Z34CTS	172960	M8, M10, M12	68 mm	35 x 6.5 mm	90 N

CABLE TRAY TO STRUT CLIP

FEATURES

- Fastens cable tray to strut



Material: Stainless Steel 301 (EN 1.4310)

Part Number	Article Number	Wire Size	A
WCTM	181996	5 mm	8 mm

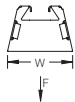
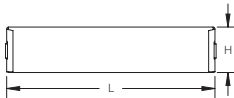
Cable/Conduit

CABLE TRAY AND ACCESSORIES

CABLE TRAY SUPPORT FOR AIR HANDLING SPACES

FEATURES

- Provides an easy method for supporting cable tray below raised floors



Material: Steel
Finish: Polyester
Static Load Safety Factor: 3:1

Part Number	Article Number	Height	Length	Width	Static Load
RPS50AHGP	182495	59 mm	267 mm	84 mm	220 N

Ceiling/Acoustical



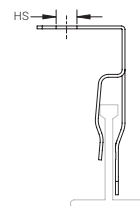
Ceiling/Acoustical

ADJUSTABLE BOX COMPONENTS AND CONDUIT SUPPORTS

T-GRID CLIP, TOP MOUNT

FEATURES

- Clips on acoustical tee bar providing a threaded hole for securing conduit, boxes, or bridle rings
- Eliminates need for offset bending conduit



Material: Spring Steel

Finish: Armour

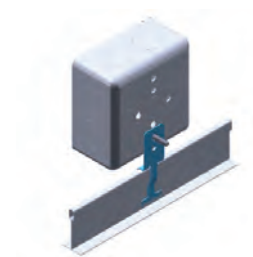
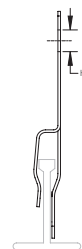
Part Number	Article Number	Hole Size	Hole Type
ATA4I	170400	M6	Threaded

No load rating, for positioning only.

T-GRID CLIP, SIDE MOUNT

FEATURES

- Clips on acoustical tee bar providing a threaded hole for securing conduit, boxes, or bridle rings
- Eliminates need for offset bending conduit



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Hole Size	Hole Type
ATS4I	170420	M6	Threaded

No load rating, for positioning only. Additional support required per NEC® 300.11.

Ceiling/Acoustical

ADJUSTABLE BOX COMPONENTS AND CONDUIT SUPPORTS

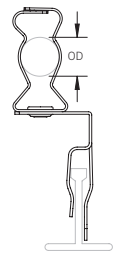
MATA CONDUIT TO T-GRID CLIP

FEATURES

- Provides a method of securing conduit above acoustical tee bar
- No tools required for installation
- Eliminates need for offset bending conduit

Material: Spring Steel

Finish: Armour



Part Number	Article Number	Outer Diameter
812MATA	177190	18 – 30 mm

No load rating, for positioning only. Additional support required per NEC® 300.11.

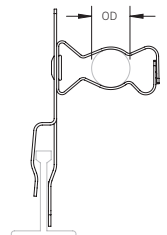
MATS CONDUIT TO T-GRID CLIP

FEATURES

- Provides a method of securing conduit above acoustical tee bar
- Clip rotates for securing conduit in either horizontal or vertical orientation
- No tools required for installation
- Eliminates need for offset bending conduit

Material: Spring Steel

Finish: Armour



Part Number	Article Number	Outer Diameter
812MATS	177200	18 – 30 mm

No load rating, for positioning only. Additional support required per NEC® 300.11.

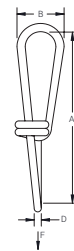
Ceiling/Acoustical

CHAIN AND HOOKS

CHK CHAIN

FEATURES

- Versatile non-welded double loop chain



Material: Steel

Finish: Electrogalvanized

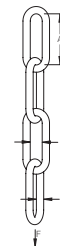
Part Number	Article Number	Length	A	B	D	Static Load
CHK22K	385860	30 m	28 mm	9.0 mm	2.0 mm	400 N
CHK25K	385870	30 m	31 mm	10.0 mm	2.2 mm	500 N
CHK27K	385880	30 m	35 mm	11.0 mm	2.5 mm	700 N
CHK30K	385890	30 m	39 mm	12.5 mm	2.8 mm	900 N
CHK32K	385900	25 m	41 mm	14.0 mm	3.1 mm	1,200 N

No load rating, for positioning only.

CHN CHAIN

FEATURES

- Round link chain
- Conforms to DIN 5685



Part Number	Article Number	Length	A	B	D	Static Load
Material: Stainless Steel 304 (EN 1.4301)						
CHN15KS4	591500	30 m	24 mm	4.5 mm	2.5 mm	300 N
CHN17KS4	591510	30 m	26 mm	5.5 mm	3.0 mm	400 N
Material: Steel — Finish: Electrogalvanized						
CHN13K	386780	30 m	22 mm	3.5 mm	2.0 mm	200 N
CHN15K	385910	30 m	24 mm	4.5 mm	2.5 mm	300 N
CHN17K	385920	30 m	26 mm	5.5 mm	3.0 mm	400 N

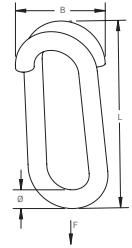
Ceiling/Acoustical

CHAIN AND HOOKS

KN HOOK

FEATURES

- For suspending chains, perforated bands, and similar items



Material: Steel

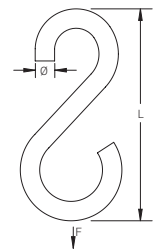
Finish: Electrogalvanized

Part Number	Article Number	Diameter	Length	B	Static Load
KN30EG	380050	3 mm	16.5 mm	12.5 mm	370 N
KN40EG	380060	4 mm	20.0 mm	16.0 mm	550 N
KN50EG	380070	5 mm	23.0 mm	20.0 mm	950 N

S HOOK

FEATURES

- For suspending chains, perforated bands, and similar items



Part Number	Article Number	Diameter	Length	Static Load	Standard Packaging Quantity
Material: Stainless Steel 304 (EN 1.4301)					
S40S4	591650	4 mm	35 mm	250 N	100 pc
S50S4	591660	5 mm	45 mm	400 N	100 pc
Material: Steel — Finish: Electrogalvanized					
S30EG	591570	3 mm	25 mm	120 N	100 pc
S40EG	591580	4 mm	35 mm	250 N	100 pc
S40EGSP25	172420	4 mm	35 mm	250 N	4 x 25 pc
S50EG	591590	5 mm	45 mm	400 N	100 pc

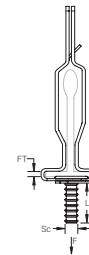
Ceiling/Acoustical

INDEPENDENT SUPPORT CLIP

INDEPENDENT SUPPORT CLIP

FEATURES

- Provides a means of independent support of fixtures
- No tools required for installation
- Includes mounting hardware



Material: Spring Steel

Finish: Armour

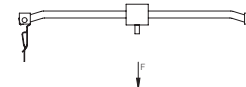
Part Number	Article Number	T-Grid Size	Flange Thickness	Screw Diameter	Screw Length	Static Load
IDS9	173460	24 mm	1.5 mm	M6	16 mm	290 N

IDS9 for use with Ultra Line 3500, AWW Ultra Line 3600 (a trademark product of Chicago Metallics Corp.)

T-GRID BOX HANGER

FEATURES

- Dual height feature permits 1-1/2" (38 mm) deep electrical box to be mounted flush with tile or offset 3/4" (19 mm) for plaster ring
- Allows 2-1/8" (54 mm) deep electrical box to be mounted flush with tile
- Snaps easily onto T-Grid
- Hanger comes complete with box mounting clip and screw



Material: Steel, Spring Steel

Finish: Pregalvanized, Armour

Part Number	Article Number	T-Grid Span	Ultimate Static Load
512MM	190440	600 mm	80 N

Not to exceed static load without independent wire support to box mounting clip. Not permitted for paddle fans.

Ceiling/Acoustical

T-GRID BOX HANGERS

ADJUSTABLE T-GRID BOX HANGER

FEATURES

- Adjustable height allows installation of double deep boxes, speaker cases and emergency light fixtures above T-Grid
- Snaps easily onto T-Grid
- Hanger comes complete with box mounting clip and screw

Material: Steel, Spring Steel

Finish: Pregalvanized, Armour



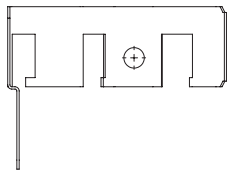
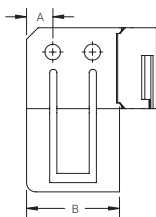
Part Number	Article Number	T-Grid Span	Height	Ultimate Static Load	Standard Packaging Quantity
512A	190450	610 mm	203.2 mm Max	80 N	50 pc

Not to exceed static load without independent wire support to box mounting clip. Not permitted for paddle fans.

T-GRID PERIMETER CLIP

FEATURES

- Attaches T-Grid to edge trim without riveting
- Can be used to accommodate partial tiles
- Clip is easily repositioned along T-Grid or edge trim



Material: Spring Steel

Finish: Armour

Part Number	Article Number	A	B
TGE	170510	6 mm	25.0 mm Min, 25.4 mm Nom

Ceiling/Acoustical

T-GRID TWIST CLIPS

4G16 TWIST CLIP

FEATURES

- Fast, easy and secure twist-on installation
- No special tools required
- Designed to reduce scratching of T-grid
- Standard nut included

Material: Spring Steel

Finish: Armour



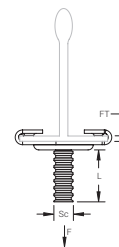
Part Number	Article Number	T-Grid Size	Static Load
4G16LS	171670	24 mm	220 N

IDS9 for use with Ultra Line 3500, AWW Ultra Line 3600 (a trademark product of Chicago Metallics Corp.)

4G16 TWIST CLIP WITH STUD

FEATURES

- Supports electrical fixtures from acoustical T-grid
- No tools required for installation
- Fast, easy and secure twist-on installation
- Nut sold separately



Material: Spring Steel, Steel

Part Number	Article Number	Flange Thickness	T-Grid Size	Screw Diameter	Screw Length	Static Load	Standard Packaging Quantity
Finish: Armour — Color: Gray							
4G16M11	178600	1.5 mm	24 mm	M6	11 mm	220 N	100 pc
4G16M16	171900	1.5 mm	24 mm	M6	16 mm	220 N	100 pc
4G16M25	176880	1.5 mm	24 mm	M6	25 mm	220 N	100 pc
4G16M38	171890	1.5 mm	24 mm	M6	38 mm	220 N	100 pc
4G16M7	178590	1.5 mm	24 mm	M6	7 mm	220 N	100 pc
4G16M76	171880	1.5 mm	24 mm	M6	76 mm	220 N	100 pc
Finish: Painted — Color: White							
4G16M11WH	178620	1.5 mm	24 mm	M6	11 mm	220 N	100 pc
4G16M16WH	576940	1.5 mm	24 mm	M6	16 mm	220 N	100 pc

Ceiling/Acoustical

T-GRID TWIST CLIPS

4G16 TWIST CLIP WITH WING NUT

FEATURES

- Supports electrical fixtures from acoustical T-grid
- No tools required for installation
- Fast, easy and secure twist-on installation
- Wing nut included

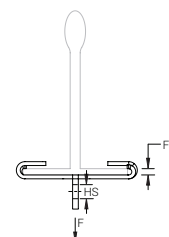


Part Number	Article Number	T-Grid Size	Screw Diameter	Screw Length	Static Load	Certifications
Material: Spring Steel – Finish: Armour						
4G16		24 mm	M6	14.3 mm	220 N	UL
Material: Spring Steel – Finish: Painted - Color: White						
4G16WH		24 mm	M6	14.3 mm	220 N	
Material: Steel – Finish: Armour - Color: Gray						
4G16WN	176710	24 mm	M6	16.0 mm	220 N	

4G16H TWIST CLIP WITH 90° PLAIN HOLE

FEATURES

- Provides an attachment for Speed Link assemblies, wire, S-hooks, or chain from T-Grid
- Fast, easy and secure twist-on installation
- No tools required for installation



Material: Spring Steel

Part Number	Article Number	Hole Size	Flange Thickness	T-Grid Size	Static Load
Finish: Armour – Color: Gray					
4G16H	170230	6.4 mm	1.5 mm Max	24 mm	180 N
Finish: Painted – Color: White					
4G16HWH	576950	6.4 mm	1.5 mm Max	24 mm	180 N

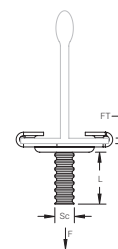
Ceiling/Acoustical

T-GRID TWIST CLIPS

4G24 TWIST CLIP WITH STUD

FEATURES

- Supports electrical fixtures from acoustical T-grid
- No tools required for installation
- Fast, easy and secure twist-on installation
- Nut sold separately



Material: Spring Steel, Steel

Part Number	Article Number	Screw Length	Flange Thickness	T-Grid Size	Screw Diameter	Static Load	Standard Packaging Quantity
Finish: Armour — Color: Gray							
4G24M11	171680	11 mm	1.5 mm	24 mm	M6	220 N	100 pc
4G24M16	171710	16 mm	1.5 mm	24 mm	M6	220 N	100 pc
4G24M16SP25	172450	16 mm	1.5 mm	24 mm	M6	220 N	10 x 25 pc
4G24M25	171730	25 mm	1.5 mm	24 mm	M6	220 N	100 pc
4G24M38	171820	38 mm	1.5 mm	24 mm	M6	220 N	100 pc
Finish: Painted — Color: White							
4G24M11WH	171840	11 mm	1.5 mm	24 mm	M6	220 N	100 pc
4G24M16WH	171860	16 mm	1.5 mm	24 mm	M6	220 N	100 pc
4G24M16WHSP25	172290	16 mm	1.5 mm	24 mm	M6	220 N	10 x 25 pc
4G24M25WH	171910	25 mm	1.5 mm	24 mm	M6	220 N	100 pc
4G24M25WHSP25	172300	25 mm	1.5 mm	24 mm	M6	220 N	10 x 25 pc

4G24 TWIST CLIP WITH WING NUT

FEATURES

- Supports electrical fixtures from acoustical T-grid
- No tools required for installation
- Fast, easy and secure twist-on installation
- Wing nut included



Material: Spring Steel, Steel

Finish: Armour

Color: Gray

Part Number	Article Number	T-Grid Size	Screw Diameter	Screw Length	Static Load
4G24WN	160290	24 mm	M6	16 mm	220 N

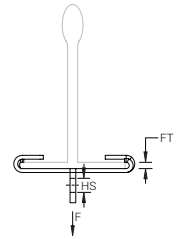
Ceiling/Acoustical

T-GRID TWIST CLIPS

4G24H TWIST CLIP WITH 90° PLAIN HOLE

FEATURES

- Provides an attachment for Speed Link assemblies, wire, S-hooks, or chain from T-Grid
- Fast, easy and secure twist-on installation
- No tools required for installation



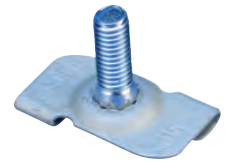
Material: Spring Steel

Part Number	Article Number	Hole Size	Flange Thickness	T-Grid Size	Static Load
Finish: Armour — Color: Gray					
4G24H	170490	5.8 mm	1.5 mm Max	24 mm	180 N
Finish: Painted — Color: White					
4G24HWH	170500	5.8 mm	1.5 mm Max	24 mm	180 N
4G24HWHSP25	172280	5.8 mm	1.5 mm Max	24 mm	180 N

4J15 TWIST CLIP WITH STUD, NARROW GRID

FEATURES

- Fast, easy and secure twist-on installation
- No special tools required
- Designed to reduce scratching of T-grid



Material: Steel, Spring Steel

Finish: Armour

Part Number	Article Number	T-Grid Size	Screw Diameter	Screw Length	Static Load
4J15M	178860	15 mm	M6	16 mm	220 N

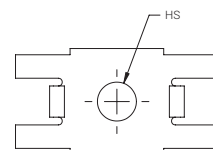
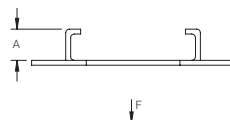
Ceiling/Acoustical

T-GRID TWIST CLIPS

TWIST CLIP SPACER FOR RECESSED T-GRID

FEATURES

- Provides a mounting surface level with recessed grid systems
- No tools required for installation
- For use with studded Twist Clips



Material: Spring Steel

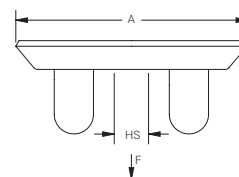
Finish: Armour

Part Number	Article Number	Hole Size	A
4TGS	179840	6.4 mm	6.4 mm

WING NUT FOR TWIST CLIPS

FEATURES

- Large diameter allows the use of knock-outs as mounting points
- Combination wing nut and washer



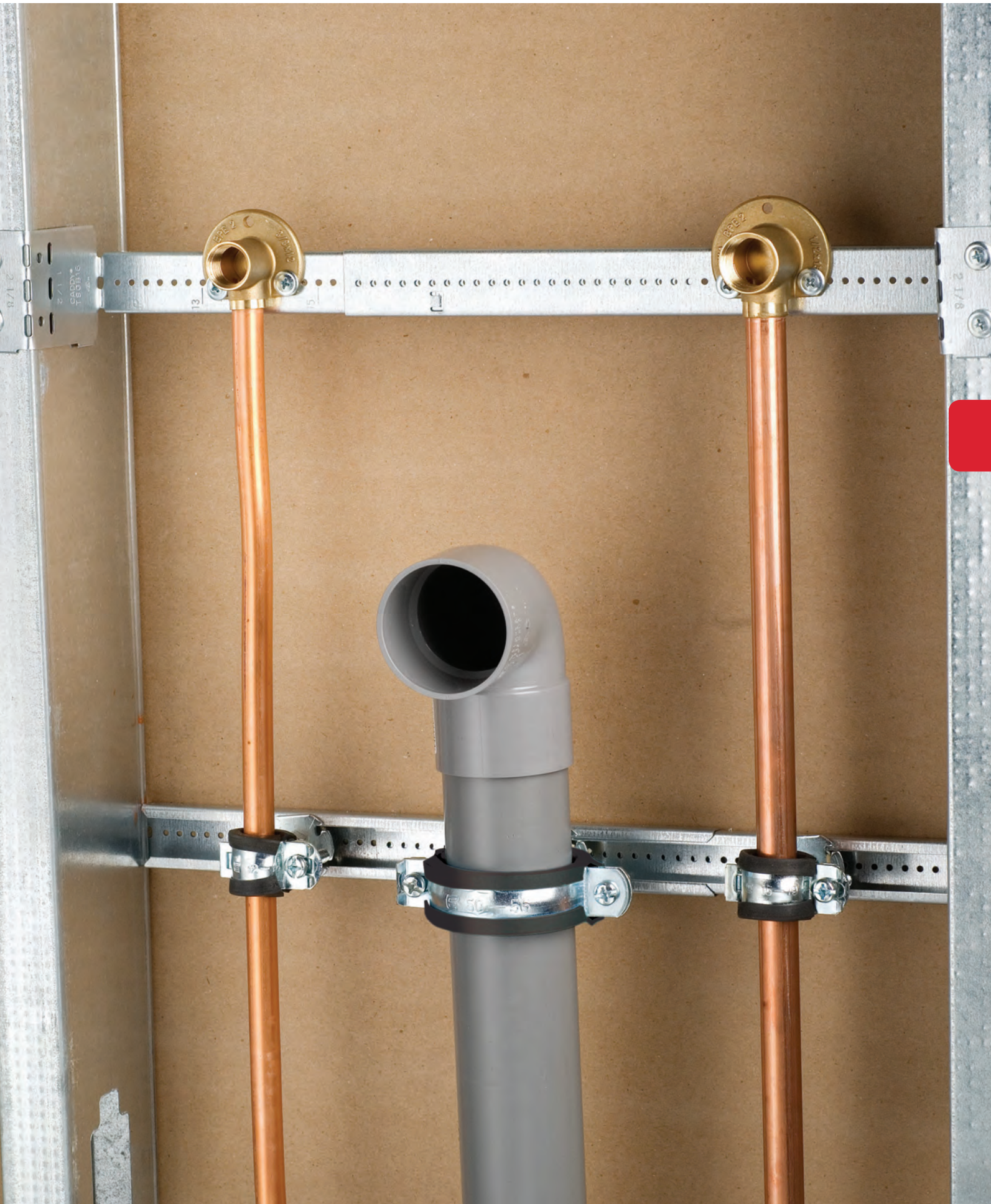
Material: Spring Steel

Finish: Armour

Part Number	Article Number	Hole Size	Hole Type	A	Static Load	Standard Packaging Quantity
6WN	171560	M6	Threaded	33.7 mm	450 N	100 pc
6WNSP25	172410	M6	Threaded	33.7 mm	450 N	10 x 25 pc

When using with other fasteners refer to the lowest load rating.

Stud Wall



Stud Wall

ADJUSTABLE FAR-SIDE BOX SUPPORTS

ADJUSTABLE FAR-SIDE BOX SUPPORT, SPRING STEEL

FEATURES

- Prevents boxes from being pushed back into the stud cavity, reducing costly trim out issues
- Attaches quickly and securely to the side of the box
- Installs without the use of tools or screws

Material: Spring Steel
Finish: Armour



Part Number	Article Number	Stud Size
J1A35	160883	63 mm, 92 mm

No load rating, for positioning only.

MSF SNAP-ON BOX SUPPORT

FEATURES

- Spring steel for press-on attachment
- Center hole assists in consistent alignment, exact positioning and screw attachment
- Requires hammer to attach clip to box

Material: Spring Steel
Finish: Armour



Part Number	Article Number	Hole Size
MSF	179965	7.1 mm

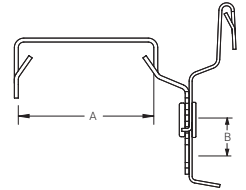
Stud Wall

STUD MOUNTED SWITCH BOX BRACKETS

ADJUSTABLE DEPTH SNAP-ON SWITCH BOX SUPPORT

FEATURES

- Allows the switch box to protrude through any size drywall
- Fits most drywall studding



Material: Spring Steel

Finish: Armour

Part Number	Article Number	A	B
MFSE	160991	35 – 38 mm	6.4 – 19.1 mm

“COLORADO JIM” CABLE SUPPORT

FEATURES

- Easy-to-use locking tab
- Cable locating ribs to maintain cable separation
- Flared edges for cable protection
- NEC® 300.4D applicable
- For wood or metal stud



Material: Steel

Finish: Pregalvanized



Part Number	Article Number	Standard Packaging Quantity
CJ6	176830	100 pc

“COLORADO JIM” CABLE SUPPORT WITH STANDOFF

FEATURES

- Easy-to-use locking tab
- Cable locating ribs to maintain cable separation
- Flared edges for cable protection
- NEC® 300.4D applicable
- AC or Flexible Cable to Furring strip and hat channel



Material: Steel

Finish: Pregalvanized



Part Number	Article Number	Standard Packaging Quantity
CJ6S	160880	100 pc

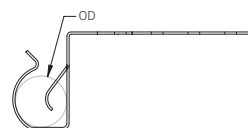
Stud Wall

CABLE/CONDUIT TO STUD

CS812 CABLE/CONDUIT TO STUD ATTACHMENT

FEATURES

- Accommodates EMT conduit and MC/AC cable
- Easily locate the fastener on the stud, keeping your conduit in line with box knock out and H-series brackets
- For wood or metal stud
- Eliminates offset bending of conduit
- Compliant with NEC® Article 358.30(A), which requires conduit support within 36" of an electrical box
- Compliant with CEC Rule 12-1404, which requires conduit support within 1 m of an electrical box
- Compliant with CEC Rule 12-618, which requires support of armoured cable within 300 mm (12") of an electrical box



Material: Spring Steel
Finish: Armour

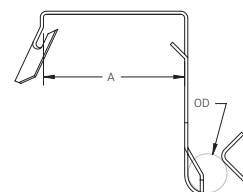


Part Number	Article Number	Outer Diameter	Box Depth	Standard Packaging Quantity
CS812	176910	18 – 30 mm	38 mm	100 pc

CABLE SUPPORT TO STUD

FEATURES

- Provides secure support of NMC or MC/AC to metal/wood stud in seconds
- One fastener, four applications
- Delivers compliance with NEC® 300.4(d), CEC 12-618 and CEC 12-510
- No installation tools required



Material: Spring Steel
Finish: Armour



Part Number	Article Number	Outer Diameter	A
FXC20	160885	11 – 14 mm	35 – 38 mm

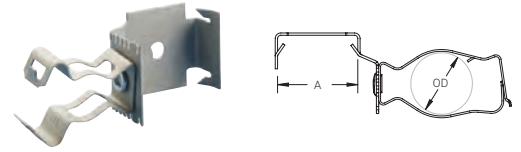
Stud Wall

CABLE/CONDUIT TO STUD

MF-M CONDUIT TO STUD ATTACHMENT

FEATURES

- Easily snaps onto stud
- Snap-close conduit support
- Fasten to stud with screw for additional support



Material: Spring Steel

Finish: Armour

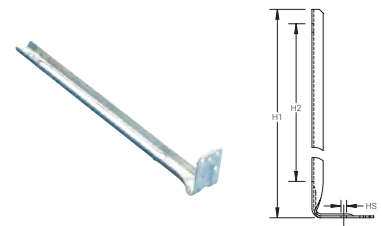


Part Number	Article Number	Outer Diameter	A	Standard Packaging Quantity
812MF	160881	18 – 30 mm	35 – 38 mm	100 pc

FOOTED BOX SUPPORT

FEATURES

- Supports electrical boxes from floor or concrete forms
- Slot provides for 8" (203 mm) height adjustment
- Use with Multiple Conduit Support for conduits in concrete pours



Material: Steel

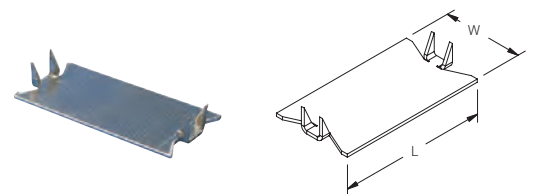
Finish: Pregalvanized

Part Number	Article Number	Box Height Above Floor	Height 1	Height 2	Hole Size
FBS12	176970	304 mm	304 mm	210 mm	4.7 mm
FBS16	176980	406 mm	406 mm	210 mm	4.7 mm
FBS18	176990	457 mm	457 mm	210 mm	4.7 mm

HAMMER-ON NAIL PLATE

FEATURES

- For wood studs
- Protects electrical and mechanical installation installed through studs
- Hammer-in installation



Material: Steel

Finish: Plain

Part Number	Article Number	Length	Width
005325275PL	190461	82.5 mm	70 mm

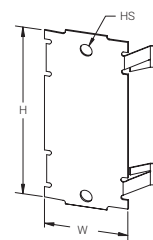
Stud Wall

NAIL PLATES

SNAP-ON NAIL PLATE

FEATURES

- Protects electrical and mechanical installation through studs
- For wood and metal studs
- Press-on installation
- No tools required
- Breakable tabs permit multiple plates to be ganged together
- Holes on legs and surface of plate are provided to secure with nail or screw



Material: Spring Steel

Finish: Armour



Part Number	Article Number	Height	Width	Hole Size
304B2	187991	80 mm	38 mm	5 mm

TELESCOPING SCREW GUN BOX BRACKET

FEATURES

- Can mount multiple boxes
- Notched and marked for easy identification and bending
- Improved design with stamped inch markings and pilot holes accelerates precise box conduit mounting between studs
- Pilot holes allow easy box attachment with a screwdriver
- Requires only a screw gun to install
- Can be mounted to face or inside of stud
- Adjustable for non-standard stud spacing
- Interlocking tab prevents accidental disassembly
- Unique, one-piece, break apart design



Material: Spring Steel

Finish: Pregalvanized



Part Number	Article Number	Stud Spacing	Box Depth	Standard Packaging Quantity
TSGB16	187190	280 – 458 mm	38.0 mm, 54.0 mm	50 pc
TSGB1624	187199	400 – 635 mm	38.0 mm, 54.0 mm, 63.5 mm	50 pc
TSGB24	187191	432 – 660 mm	38.0 mm, 54.0 mm, 63.5 mm	50 pc

Stud Wall

SCREW GUN BRACKETS AND ACCESSORIES

SCREW GUN BRACKET

FEATURES

- Can be pre-assembled by the contractor to allow for greater productivity at the job site
- Pre-set for studs widths



Material: Steel

Finish: Plain

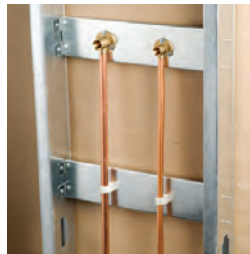


Part Number	Article Number	Stud Spacing	Box Depth
SGB24A	187196	609.6 mm	38 mm, 54 mm

BARRNOG/TSGBHD ADJUSTABLE METAL NOGGING

FEATURES

- Flat sliding plate for use with heavier applications
- Use self drilling/tapping screws for mounting onto bracket



Material: Steel

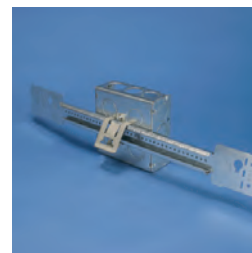
Finish: Electrogalvanized

Part Number	Article Number	Length	Height	Thickness
BARRNOG	187189	330 – 600 mm	92 mm	1 mm

GLIDER ELECTRICAL BOX ATTACHMENT

FEATURES

- Attaches electrical boxes to the TSGB with a single screw, without tools and without need for disassembly
- Allows closer installation of multiple boxes between or against the studs
- Allows for easy repositioning of electrical boxes
- Ideal for pre-fab assemblies



Material: Spring Steel

Finish: Armour



Part Number	Article Number	Hole Size
TSGLDR1	187198	5 mm

Stud Wall

SCREW GUN BRACKETS AND ACCESSORIES

SMS8 SELF-DRILLING AND TAPPING SCREW

FEATURES

- Suitable for screw gun use
- Thin “wafer-head” type



Material: Steel

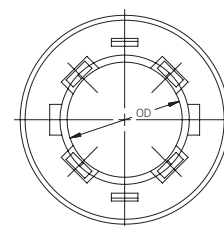
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length
SMS8	187197	M4	12 mm

EASY SNAP GROMMET

FEATURES

- Provides 360° protection for cable, conduit, plumbing and fire sprinkler plumbing in metal studs
- Snap one grommet into standard 1-11/32" field punched hole, or snap two together into any shape factory-punched hole
- Grommet can be split for use on pre-existing installations



Material: Polyethylene

Part Number	Article Number	Outer Diameter	Standard Packaging Quantity
ESG1	188470	33 mm	100 pc

Stud Wall

THROUGH STUD CABLE/CONDUIT SUPPORTS

MSP20 METAL STUD PUNCH FOR EASY SNAP GROMMET

FEATURES

- Punches standard sized holes in metal studs
- Easy Snap Grommet snaps easily into punched hole
- Cushioned handles mean less operator fatigue and more comfortable handling
- Tool design with offset handles allows punch to work in confined locations and near perpendicular walls
- Lightweight punch makes accurate location of holes easier
- Hardened steel components keep tool sharp longer
 - less replacement



Material: Steel

Part Number	Article Number	Hole Size
MSP20	188480	34.1 mm

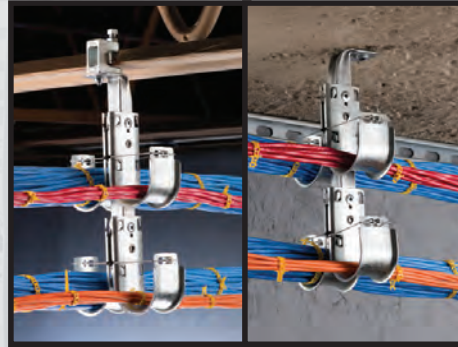
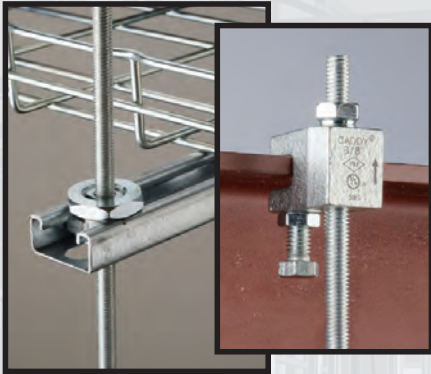
REPLACEMENT PUNCH FOR MSP20 METAL STUD PUNCH

Material: Steel

Part Number	Hole Size
CPR25	34.1 mm

Fixing, Fastening & Support Products

FOR ELECTRICAL & DATACOM APPLICATIONS



- Simple & Intuitive Installation
- Labor Efficiency
- Minimal Tool Usage

Datacom/Low Voltage



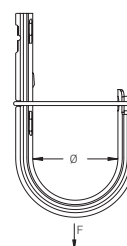
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK

FEATURES

- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Multiple color options aid in the identification and organization of the pathway application
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Compliant with UL® 2043 and suitable for use in air handling (plenum) spaces
- Tested according to DIN 4102-12
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569
- Painted J-Hooks are low-smoke and halogen-free



Material: Steel



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Static Load
Finish: Pregalvanized							
CAT16HP	181061	25.0 mm	690 mm ²	20	15	10	270 N
CAT21HP	181188	33.3 mm	1,174 mm ²	50	40	25	270 N
CAT32HP	181062	50.0 mm	2,561 mm ²	90	60	35	270 N
CAT48HP	181063	75.0 mm	5,974 mm ²	200	150	80	270 N
CAT64HP	181064	100.0 mm	9,987 mm ²	330	220	140	270 N
Finish: Pregalvanized, Painted — Color: Black							
CAT16HPBA	181255	25.0 mm	690 mm ²	20	15	10	270 N
CAT21HPBA	181185	33.3 mm	1,174 mm ²	50	40	25	270 N
CAT32HPBA	181115	50.0 mm	2,561 mm ²	90	60	35	270 N
CAT48HPBA	181125	75.0 mm	5,974 mm ²	200	150	80	270 N
CAT64HPBA	181135	100.0 mm	9,987 mm ²	330	220	140	270 N
Finish: Pregalvanized, Painted — Color: Blue							
CAT16HPBU	181252	25.0 mm	690 mm ²	20	15	10	270 N
CAT21HPBU	181182	33.3 mm	1,174 mm ²	50	40	25	270 N
CAT32HPBU	181112	50.0 mm	2,561 mm ²	90	60	35	270 N
CAT48HPBU	181122	75.0 mm	5,974 mm ²	200	150	80	270 N
CAT64HPBU	181132	100.0 mm	9,987 mm ²	330	220	140	270 N
Finish: Pregalvanized, Painted — Color: Green							
CAT16HPGR	181256	25.0 mm	690 mm ²	20	15	10	270 N
CAT21HPGR	181186	33.3 mm	1,174 mm ²	50	40	25	270 N
CAT32HPGR	181116	50.0 mm	2,561 mm ²	90	60	35	270 N
CAT48HPGR	181126	75.0 mm	5,974 mm ²	200	150	80	270 N
CAT64HPGR	181136	100.0 mm	9,987 mm ²	330	220	140	270 N
Finish: Pregalvanized, Painted — Color: Orange							
CAT16HPOR	181257	25.0 mm	690 mm ²	20	15	10	270 N
CAT21HPOR	181187	33.3 mm	1,174 mm ²	50	40	25	270 N
CAT32HPOR	181117	50.0 mm	2,561 mm ²	90	60	35	270 N
CAT48HPOR	181127	75.0 mm	5,974 mm ²	200	150	80	270 N
CAT64HPOR	181137	100.0 mm	9,987 mm ²	330	220	140	270 N
Finish: Pregalvanized, Painted — Color: Red							
CAT16HPRD	181251	25.0 mm	690 mm ²	20	15	10	270 N
CAT21HPRD	181181	33.3 mm	1,174 mm ²	50	40	25	270 N
CAT32HPRD	181111	50.0 mm	2,561 mm ²	90	60	35	270 N
CAT48HPRD	181121	75.0 mm	5,974 mm ²	200	150	80	270 N
CAT64HPRD	181131	100.0 mm	9,987 mm ²	330	220	140	270 N

Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Static Load
Finish: Pregalvanized, Painted — Color: White							
CAT16HPWH	181253	25.0 mm	690 mm ²	20	15	10	270 N
CAT21HPWH	181183	33.3 mm	1,174 mm ²	50	40	25	270 N
CAT32HPWH	181113	50.0 mm	2,561 mm ²	90	60	35	270 N
CAT48HPWH	181123	75.0 mm	5,974 mm ²	200	150	80	270 N
CAT64HPWH	181133	100.0 mm	9,987 mm ²	330	220	140	270 N
Finish: Pregalvanized, Painted — Color: Yellow							
CAT16HPYL	181254	25.0 mm	690 mm ²	20	15	10	270 Nz
CAT21HPYL	181184	33.3 mm	1,174 mm ²	50	40	25	270 Nz
CAT32HPYL	181114	50.0 mm	2,561 mm ²	90	60	35	270 N
CAT48HPYL	181124	75.0 mm	5,974 mm ²	200	150	80	270 N
CAT64HPYL	181134	100.0 mm	9,987 mm ²	330	220	140	270 N

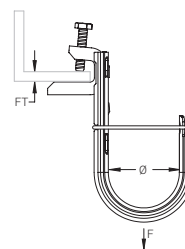
Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

Cable	Number of Twisted Pairs	AWG	Cable Diameter	Capacity (70% fill)			
				CAT16HP	CAT32HP	CAT48HP	CAT64HP
UTP	4	24	5 mm	20	70	160	280
FTP	4	24	6 mm	15	50	110	190
SFTP	4	24	6 mm	15	50	110	190
SFTP	4	23	7 mm	10	40	85	140
F/STP	4	23	8,5 mm	7	25	60	100
SFTP	4	23	8,5 mm	7	25	60	100
SFTP	3x4	24	14 mm	2	9	20	35
UTP	25	24	13 mm	3	11	25	40

CAT HP J-HOOK WITH BC200 BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel

Finish: Pregalvanized, Electrogalvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT16HPBC200	181014	25.0 mm	690 mm ²	20	15	10	16 mm Max	270 N
CAT21HPBC200	181239	33.3 mm	1,174 mm ²	50	40	25	16 mm Max	270 N
CAT32HPBC200	181015	50.0 mm	2,561 mm ²	90	60	35	16 mm Max	270 N
CAT48HPBC200	181236	75.0 mm	5,974 mm ²	200	150	80	16 mm Max	270 N
CAT64HPBC200	181016	100.0 mm	9,987 mm ²	330	220	140	16 mm Max	270 N

Setscrew must be tightened and torqued onto the sloped side of the I-beam. Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

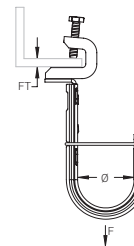
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH BC200 BEAM CLAMP, SWIVEL

FEATURES

- Easy installation to beam flanges
- Rotates 360 degrees to support various directional runs of cable
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel

Finish: Pregalvanized, Electro galvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT16HPBC200B	181017	25.0 mm	690 mm ²	20	15	10	16 mm Max	270 N
CAT21HPBC200B	181246	33.3 mm	1,174 mm ²	50	40	25	16 mm Max	270 N
CAT32HPBC200B	181018	50.0 mm	2,561 mm ²	90	60	35	16 mm Max	270 N
CAT48HPBC200B	181237	75.0 mm	5,974 mm ²	200	150	80	16 mm Max	270 N
CAT64HPBC200B	181019	100.0 mm	9,987 mm ²	330	220	140	16 mm Max	270 N

Setscrew must be tightened and torqued onto the sloped side of the I-beam. Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

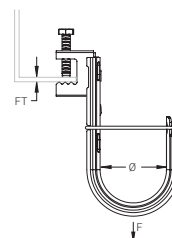
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH BC BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel, Spring Steel
Finish: Pregalvanized, Armour



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT16HPBC	181201	25.0 mm	690 mm ²	20	15	10	16 mm Max	270 N
CAT21HPBC	181238	33.3 mm	1,174 mm ²	50	40	25	16 mm Max	270 N
CAT32HPBC	181202	50.0 mm	2,561 mm ²	90	60	35	16 mm Max	270 N
CAT48HPBC	181203	75.0 mm	5,974 mm ²	220	140	80	16 mm Max	270 N
CAT64HPBC	181204	100.0 mm	9,987 mm ²	330	220	140	16 mm Max	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

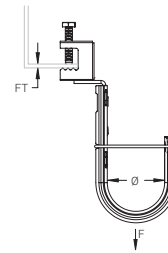
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH BC BEAM CLAMP, SWIVEL

FEATURES

- Easy installation to beam flanges
- Rotates 360 degrees to support various directional runs of cable
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel

Finish: Pregalvanized, Armour



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT16HPBCB	181219	25.0 mm	690 mm ²	20	15	10	16 mm Max	270 N
CAT21HPBCB	181245	33.3 mm	1,174 mm ²	50	40	25	16 mm Max	270 N
CAT32HPBCB	181221	50.0 mm	2,561 mm ²	90	60	35	16 mm Max	270 N
CAT48HPBCB	181222	75.0 mm	5,974 mm ²	200	150	80	16 mm Max	270 N
CAT64HPBCB	181021	100.0 mm	9,987 mm ²	330	220	140	16 mm Max	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

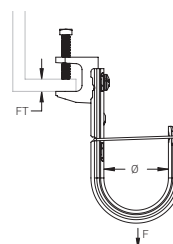
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH BC26 BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel, Cast Iron

Finish: Pregalvanized, Electro galvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT16HPBC26	181163	25.0 mm	690 mm ²	20	15	10	21.8 mm Max	270 N
CAT21HPBC26	181164	33.3 mm	1,174 mm ²	50	40	25	21.8 mm Max	270 N
CAT32HPBC26	181165	50.0 mm	2,561 mm ²	90	60	35	21.8 mm Max	270 N
CAT48HPBC26	181166	75.0 mm	5,974 mm ²	200	150	80	21.8 mm Max	270 N
CAT64HPBC26	181167	100.0 mm	9,987 mm ²	330	220	140	21.8 mm Max	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

Datacom/Low Voltage

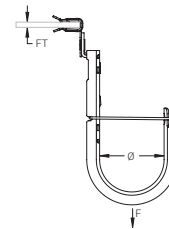
CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH HAMMER-ON FLANGE CLIP

FEATURES

- Requires only a hammer to install
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569

Material: Steel, Spring Steel
Finish: Pregalvanized, Armour



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT16HP24SM	181098	25.0 mm	690 mm ²	20	15	10	3 – 6 mm	270 N
CAT16HP58SM	181151	25.0 mm	690 mm ²	20	15	10	8 – 14 mm	270 N
CAT16HP912SM	181152	25.0 mm	690 mm ²	20	15	10	14 – 20 mm	270 N
CAT21HP24SM	181197	33.3 mm	1,174 mm ²	50	40	25	3 – 6 mm	270 N
CAT21HP58SM	181198	33.3 mm	1,174 mm ²	50	40	25	8 – 14 mm	270 N
CAT21HP912SM	181199	33.3 mm	1,174 mm ²	50	40	25	14 – 20 mm	270 N
CAT32HP24SM	181099	50.0 mm	2,561 mm ²	90	60	35	3 – 6 mm	270 N
CAT32HP58SM	181154	50.0 mm	2,561 mm ²	90	60	35	8 – 14 mm	270 N
CAT32HP912SM	181155	50.0 mm	2,561 mm ²	90	60	35	14 – 20 mm	270 N
CAT48HP24SM	181207	75.0 mm	5,974 mm ²	200	150	80	3 – 6 mm	270 N
CAT48HP58SM	181157	75.0 mm	5,974 mm ²	200	150	80	8 – 14 mm	270 N
CAT48HP912SM	181158	75.0 mm	5,974 mm ²	200	150	80	14 – 20 mm	270 N
CAT64HP24SM	181208	100.0 mm	9,987 mm ²	330	220	140	3 – 6 mm	270 N
CAT64HP58SM	181161	100.0 mm	9,987 mm ²	330	220	140	8 – 14 mm	270 N
CAT64HP912SM	181162	100.0 mm	9,987 mm ²	330	220	140	14 – 20 mm	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

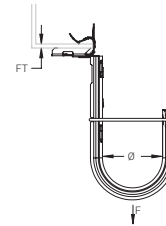
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH HAMMER-ON FLANGE CLIP, SWIVEL

FEATURES

- Requires only a hammer to install
- Rotates 360 degrees to support various directional runs of cable
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel, Spring Steel
Finish: Pregalvanized, Armour



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT16HP24	181213	25.0 mm	690 mm ²	20	15	10	3 – 6 mm	270 N
CAT16HP58	181001	25.0 mm	690 mm ²	20	15	10	8 – 14 mm	270 N
CAT16HP912	181004	25.0 mm	690 mm ²	20	15	10	14 – 20 mm	270 N
CAT21HP24	181194	33.3 mm	1,174 mm ²	50	40	25	3 – 6 mm	270 N
CAT21HP58	181195	33.3 mm	1,174 mm ²	50	40	25	8 – 14 mm	270 N
CAT21HP912	181196	33.3 mm	1,174 mm ²	50	40	25	14 – 20 mm	270 N
CAT32HP24	181214	50.0 mm	2,561 mm ²	90	60	35	3 – 6 mm	270 N
CAT32HP58	181002	50.0 mm	2,561 mm ²	90	60	35	8 – 14 mm	270 N
CAT32HP912	181005	50.0 mm	2,561 mm ²	90	60	35	14 – 20 mm	270 N
CAT48HP24	181215	75.0 mm	5,974 mm ²	200	150	80	3 – 6 mm	270 N
CAT48HP58	181231	75.0 mm	5,974 mm ²	200	150	80	8 – 14 mm	270 N
CAT48HP912	181232	75.0 mm	5,974 mm ²	200	150	80	14 – 20 mm	270 N
CAT64HP24	181216	100.0 mm	9,987 mm ²	330	220	140	3 – 6 mm	270 N
CAT64HP58	181003	100.0 mm	9,987 mm ²	330	220	140	8 – 14 mm	270 N
CAT64HP912	181006	100.0 mm	9,987 mm ²	330	220	140	14 – 20 mm	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

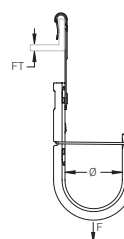
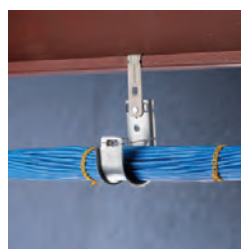
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH C PURLIN CLIP

FEATURES

- Hammer-on or install from the floor with the VAFT tool
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel, Spring Steel
Finish: Pregalvanized, Armour



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT16HPVF14	181145	25.0 mm	690 mm ²	20	15	10	1.5 – 6.0 mm	270 N
CAT21HPVF14	181249	33.3 mm	1,174 mm ²	50	40	25	1.5 – 6.0 mm	270 N
CAT32HPVF14	181146	50.0 mm	2,561 mm ²	90	60	35	1.5 – 6.0 mm	270 N
CAT48HPVF14	181147	75.0 mm	5,974 mm ²	200	150	80	1.5 – 6.0 mm	270 N
CAT64HPVF14	181148	100.0 mm	9,987 mm ²	330	220	140	1.5 – 6.0 mm	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

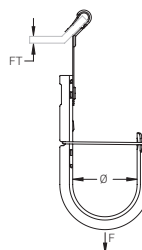
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH Z PURLIN CLIP

FEATURES

- Hammer-on or install from the floor with the VAFT tool
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel, Spring Steel

Finish: Pregalvanized, Armour



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT16HPAF14	181141	25.0 mm	690 mm ²	20	15	10	1.5 – 6.0 mm	270 N
CAT21HPAF14	181248	33.3 mm	1,174 mm ²	50	40	25	1.5 – 6.0 mm	270 N
CAT32HPAF14	181142	50.0 mm	2,561 mm ²	90	60	35	1.5 – 6.0 mm	270 N
CAT48HPAF14	181143	75.0 mm	5,974 mm ²	200	150	80	1.5 – 6.0 mm	270 N
CAT64HPAF14	181144	100.0 mm	9,987 mm ²	330	220	140	1.5 – 6.0 mm	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

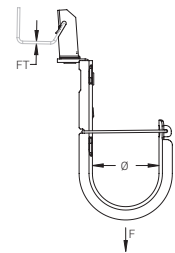
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH Z PURLIN CLIP, SWIVEL

FEATURES

- Requires only a hammer to install
- Rotates 360 degrees to support various directional runs of cable
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel, Spring Steel
Finish: Pregalvanized, Armour



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT16HP123	181262	25.0 mm	690 mm ²	20	15	10	1.5 – 2.5 mm	270 N
CAT21HP123	181263	33.3 mm	1,174 mm ²	50	40	25	1.5 – 2.5 mm	270 N
CAT32HP123	181264	50.0 mm	2,561 mm ²	90	60	35	1.5 – 2.5 mm	270 N
CAT48HP123	181265	75.0 mm	5,974 mm ²	200	150	80	1.5 – 2.5 mm	270 N
CAT64HP123	181266	100.0 mm	9,987 mm ²	330	220	140	1.5 – 2.5 mm	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

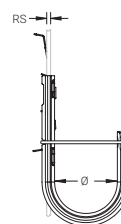
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH MULTI-FUNCTION CLIP

FEATURES

- Quick attachment to threaded rod or wire
- Fully adjustable and easy to relocate to accommodate changes once installed
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel, Spring Steel
Finish: Pregalvanized, Armour



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Rod Size	Wire Size	Static Load
CAT16HP4Z34	181217	25.0 mm	690 mm ²	20	15	10	M4, M6, M8	4.8 – 6.4 mm	130 N
CAT16HP6Z34	181007	25.0 mm	690 mm ²	20	15	10	M8, M10, M12		130 N
CAT21HP4Z34	181258	33.3 mm	1,174 mm ²	50	40	25	M4, M6, M8	4.8 – 6.4 mm	130 N
CAT21HP6Z34	181259	33.3 mm	1,174 mm ²	50	40	25	M8, M10, M12		130 N
CAT32HP4Z34	181218	50.0 mm	2,561 mm ²	90	60	35	M4, M6, M8	4.8 – 6.4 mm	130 N
CAT32HP6Z34	181008	50.0 mm	2,561 mm ²	90	60	35	M8, M10, M12		130 N
CAT48HP4Z34	181168	75.0 mm	5,974 mm ²	200	150	80	M4, M6, M8	4.8 – 6.4 mm	130 N
CAT48HP6Z34	181169	75.0 mm	5,974 mm ²	200	150	80	M8, M10, M12		130 N
CAT64HP4Z34	181178	100.0 mm	9,987 mm ²	330	220	140	M4, M6, M8	4.8 – 6.4 mm	130 N
CAT64HP6Z34	181179	100.0 mm	9,987 mm ²	330	220	140	M8, M10, M12		130 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

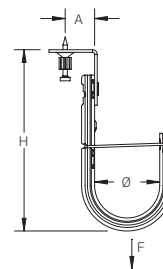
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH SHOT-FIRE BRACKET

FEATURES

- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc



Material: Steel

Finish: Electrogalvanized, Pregalvanized

Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Height	A	Static Load
CAT16HPSF	181673	25.0 mm	690 mm ²	20	15	10	120.7 mm	22.2 mm	270 N
CAT21HPSF	181674	33.3 mm	1,174 mm ²	50	40	25	130.2 mm	22.2 mm	270 N
CAT32HPSF	181675	50.0 mm	2,561 mm ²	90	60	35	139.7 mm	22.2 mm	270 N
CAT48HPSF	181676	75.0 mm	5,974 mm ²	200	150	80	185.2 mm	22.2 mm	270 N
CAT64HPSF	181677	100.0 mm	9,987 mm ²	330	220	140	203.2 mm	22.2 mm	270 N

Uses Powers Fasteners, Inc. part number 50032. Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 Mpa) lightweight concrete. For variations in embedment and material please consult www.powers.com. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers.

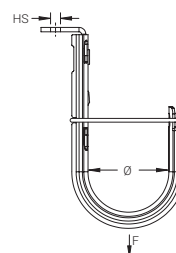
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH ANGLE BRACKET

FEATURES

- Ideal for attaching to concrete, steel or wood surfaces
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel

Finish: Pregalvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Hole Size	Static Load
CAT16HPAB	181209	25.0 mm	690 mm ²	20	15	10	6.3 mm	270 N
CAT21HPAB	181189	33.3 mm	1,174 mm ²	50	40	25	6.3 mm	270 N
CAT32HPAB	181211	50.0 mm	2,561 mm ²	90	60	35	6.3 mm	270 N
CAT48HPAB	181212	75.0 mm	5,974 mm ²	200	150	80	6.3 mm	270 N
CAT64HPAB	181024	100.0 mm	9,987 mm ²	330	220	140	6.3 mm	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

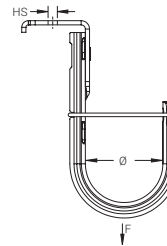
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH PIN DRIVEN ANGLE BRACKET

FEATURES

- Longer leg angle bracket for tool clearance
- Designed to fit a variety of pin drivers
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel

Finish: Pregalvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Hole Size	Static Load
CAT16HPAFAB3	181009	25.0 mm	690 mm ²	20	15	10	4 mm	270 N
CAT21HPAFAB3	181191	33.3 mm	1,174 mm ²	50	40	25	4 mm	270 N
CAT21HPAFAB4	181192	33.3 mm	1,174 mm ²	50	40	25	6 mm	270 N
CAT21HPAFAB6	181193	33.3 mm	1,174 mm ²	50	40	25	9 mm	270 N
CAT32HPAFAB3	181011	50.0 mm	2,561 mm ²	90	60	35	4 mm	270 N
CAT32HPAFAB4	181012	50.0 mm	2,561 mm ²	90	60	35	6 mm	270 N
CAT32HPAFAB6	181013	50.0 mm	2,561 mm ²	90	60	35	9 mm	270 N
CAT48HPAFAB3	181233	75.0 mm	5,974 mm ²	200	150	80	4 mm	270 N
CAT48HPAFAB4	181234	75.0 mm	5,974 mm ²	200	150	80	6 mm	270 N
CAT48HPAFAB6	181235	75.0 mm	5,974 mm ²	200	150	80	9 mm	270 N
CAT64HPAFAB3	181223	100.0 mm	9,987 mm ²	330	220	140	4 mm	270 N
CAT64HPAFAB4	181224	100.0 mm	9,987 mm ²	330	220	140	6 mm	270 N
CAT64HPAFAB6	181225	100.0 mm	9,987 mm ²	330	220	140	9 mm	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

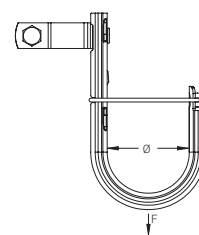
CAT HP J-HOOK WITH PEDESTAL CLAMP

FEATURES

- Easy installation to pedestals used under raised floors
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569

Material: Steel

Finish: Pregalvanized



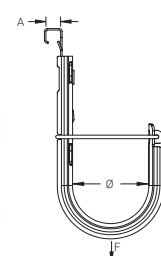
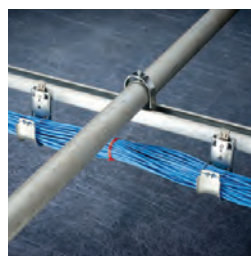
Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Pedestal Size	Static Load
CAT16HPCD1B	181226	25.0 mm	690 mm ²	20	15	10	19 mm Square, 22.2 - 28.5 mm Round	270 N
CAT21HPCD1B	181247	33.3 mm	1,174 mm ²	50	40	25	19 mm Square, 22.2 - 28.5 mm Round	270 N
CAT32HPCD1B	181227	50.0 mm	2,561 mm ²	90	60	35	19 mm Square, 22.2 - 28.5 mm Round	270 N
CAT48HPCD1B	181228	75.0 mm	5,974 mm ²	200	150	80	19 mm Square, 22.2 - 28.5 mm Round	270 N
CAT64HPCD1B	181229	100.0 mm	9,987 mm ²	330	220	140	19 mm Square, 22.2 - 28.5 mm Round	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

CAT HP J-HOOK WITH STRUT ATTACHMENT CLIP

FEATURES

- Attaches to open side of a strut channel
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	A	Static Load
CAT16HPESC	181022	25.0 mm	690 mm ²	20	15	10	10 mm	270 N
CAT21HPESC	181261	33.3 mm	1,174 mm ²	50	40	25	10 mm	270 N
CAT32HPESC	181023	50.0 mm	2,561 mm ²	90	60	35	10 mm	270 N

Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

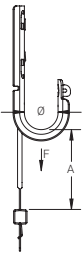
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK WITH T-GRID CLIP

FEATURES

- No installation tools required for basic clip
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
- Cost effective alternative to expensive cable tray
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel, Spring Steel
Finish: Armour, Pregalvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	A	Static Load
CAT16HPTS	181089	25 mm	690 mm ²	20	15	10	65 mm	270 N

Additional support wire required per NEC® 300.11. Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2. Cable capacity is calculated based on a 70% fill rate.

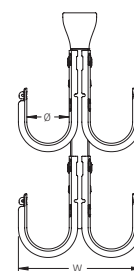
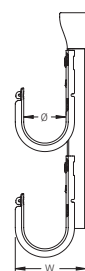
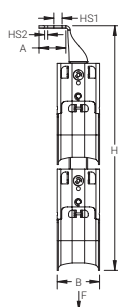
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK TREE, CEILING MOUNT

FEATURES

- Ideal for attaching to concrete, steel or wood surfaces
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Ready to use out of the box, saving installation time and labor
- Requires no screws, rivets or special tools for assembly
- Single- or double-sided tree configurations provide multiple J-Hooks with one structural attachment
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Ø	Tiers	H	W	HS1	HS2	A	B	F1	F2
Type: Double Sided											
CAT32HPDCM2	181049	50	2	260	148.0	10.3	4.7	36.5	50	1,080	810
CAT32HPDCM3	181051	50	3	387	148.0	10.3	4.7	36.5	50	1,620	810
CAT32HPDCM4	181052	50	4	514	148.0	10.3	4.7	36.5	50	2,160	810
CAT64HPDCM2	181057	100	2	387	254.0	10.3	4.7	36.5	50	1,080	810
CAT64HPDCM3	181058	100	3	578	254.0	10.3	4.7	36.5	50	1,620	810
CAT64HPDCM4	181059	100	4	768	254.0	10.3	4.7	36.5	50	2,160	810
Type: Single Sided											
CAT32HPSCM2	181046	50	2	260	84.8	10.3	4.7	36.5	50	540	540
CAT32HPSCM3	181047	50	3	387	84.8	10.3	4.7	36.5	50	810	810
CAT32HPSCM4	181048	50	4	514	84.8	10.3	4.7	36.5	50	1,080	810
CAT64HPSCM2	181053	100	2	387	138.0	10.3	4.7	36.5	50	540	540
CAT64HPSCM3	181054	100	3	578	138.0	10.3	4.7	36.5	50	810	810
CAT64HPSCM4	181056	100	4	768	138.0	10.3	4.7	36.5	50	1,080	810

Static loads represent maximum load limit of J-Hook tree. Static load limit of each J-Hook is 60 lb (270 N). Refer to Static Load 1 when fastening J-Hook tree using Hole Size 1. Refer to Static Load 2 when fastening J-Hook tree using Hole Size 2. Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2.

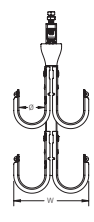
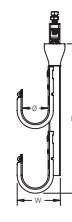
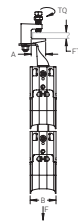
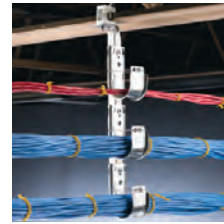
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK TREE, FLANGE MOUNT

FEATURES

- Easy installation to beam flanges
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Ready to use out of the box, saving installation time and labor
- Requires no screws, rivets or special tools for assembly
- Single- or double-sided tree configurations provide multiple J-Hooks with one structural attachment
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Diameter	Tiers	Flange Thickness	Height	Width	A	B	Torque	Static Load
Type: Double Sided										
CAT32HPDFM2	181036	50 mm	2	20.6 mm Max	260 mm	148.0 mm	3.18 mm	50 mm	7 N-m	1,068 N
CAT32HPDFM3	181037	50 mm	3	20.6 mm Max	387 mm	148.0 mm	3.18 mm	50 mm	11 N-m	1,600 N
CAT32HPDFM4	181038	50 mm	4	20.6 mm Max	514 mm	148.0 mm	3.18 mm	50 mm	11 N-m	2,130 N
CAT64HPDFM2	181043	100 mm	2	20.6 mm Max	387 mm	254.0 mm	3.18 mm	50 mm	7 N-m	1,068 N
CAT64HPDFM3	181044	100 mm	3	20.6 mm Max	578 mm	254.0 mm	3.18 mm	50 mm	11 N-m	1,600 N
CAT64HPDFM4	181045	100 mm	4	20.6 mm Max	768 mm	254.0 mm	3.18 mm	50 mm	11 N-m	2,130 N
Type: Single Sided										
CAT32HPSFM2	181033	50 mm	2	20.6 mm Max	260 mm	84.8 mm	28.50 mm	50 mm	7 N-m	530 N
CAT32HPSFM3	181034	50 mm	3	20.6 mm Max	387 mm	84.8 mm	28.50 mm	50 mm	7 N-m	800 N
CAT32HPSFM4	181035	50 mm	4	20.6 mm Max	768 mm	84.8 mm	28.50 mm	50 mm	7 N-m	1,068 N
CAT64HPSFM2	181039	100 mm	2	20.6 mm Max	387 mm	138.0 mm	28.50 mm	50 mm	7 N-m	530 N
CAT64HPSFM3	181041	100 mm	3	20.6 mm Max	578 mm	138.0 mm	28.50 mm	50 mm	7 N-m	800 N
CAT64HPSFM4	181042	100 mm	4	20.6 mm Max	768 mm	138.0 mm	28.50 mm	50 mm	7 N-m	1,068 N

Static loads represent maximum load limit of J-Hook tree. Static load limit of each J-Hook is 60 lb (270 N). Setscrew must be tightened and torqued onto the sloped side of the I-beam. Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2.

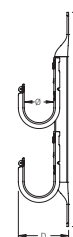
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK TREE, WALL MOUNT

FEATURES

- Ideal for attaching to concrete, steel or wood surfaces
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Ready to use out of the box, saving installation time and labor
- Requires no screws, rivets or special tools for assembly
- Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
- Complies with EN 50174-2
- Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



Material: Steel

Finish: Pregalvanized

Type: Single Sided

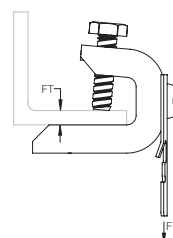
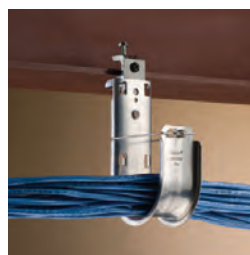
Part Number	Article Number	Diameter	Tiers	Height	Depth	Width	Hole Size	Static Load
CAT32HPSWM2	181026	50 mm	2	368.3 mm	86.38 mm	50 mm	6.5 mm	530 N
CAT32HPSWM3	181027	50 mm	3	495.3 mm	86.38 mm	50 mm	6.5 mm	800 N
CAT32HPSWM4	181028	50 mm	4	622.3 mm	86.38 mm	50 mm	6.5 mm	1,068 N
CAT64HPSWM2	181029	100 mm	2	495.3 mm	139.69 mm	50 mm	6.5 mm	530 N
CAT64HPSWM3	181031	100 mm	3	685.8 mm	139.69 mm	50 mm	6.5 mm	800 N
CAT64HPSWM4	181032	100 mm	4	876.3 mm	139.69 mm	50 mm	6.5 mm	1,068 N

Static loads represent maximum load limit of J-Hook tree. Static load limit of each J-Hook is 60 lb (270 N). Non-continuous supports may not exceed spacing of 5' (1.5 m) per TIA 569-C.9.7 and EN 50174-2.

CAT HP J-HOOK CLIP TO BC200 BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Steel, Spring Steel

Finish: Electrogalvanized, Armour



Part Number	Article Number	Flange Thickness	Static Load
CATHPBC200	181079	3.2 – 16.0 mm	445 N

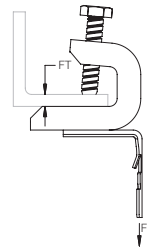
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK CLIP TO BC200 BEAM CLAMP, SWIVEL

FEATURES

- Easy installation to beam flanges
- Rotates 360 degrees to support various directional runs of cable
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Steel, Spring Steel
Finish: Electrogalvanized, Armour

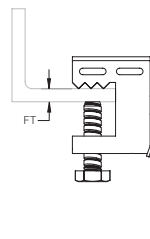


Part Number	Article Number	Flange Thickness	Static Load
CATHPBC200B	181074	3.2 – 16.0 mm	445 N

CAT HP J-HOOK CLIP TO BC BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Steel, Spring Steel
Finish: Electrogalvanized, Armour



Part Number	Article Number	Flange Thickness	Static Load
CATHPBC	181078	3.2 – 16.0 mm	445 N

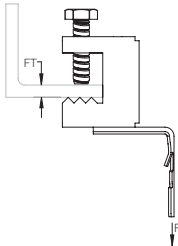
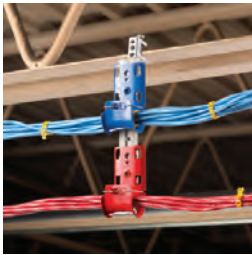
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK CLIP TO BC BEAM CLAMP, SWIVEL

FEATURES

- Easy installation to beam flanges
- Rotates 360 degrees to support various directional runs of cable
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Steel, Spring Steel

Finish: Electrogalvanized, Armour

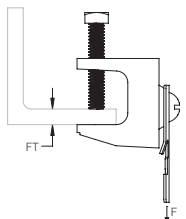


Part Number	Article Number	Flange Thickness	Static Load
CATHPBCB	181073	3.2 – 16.0 mm	267 N

CAT HP J-HOOK CLIP TO BC26 BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Cast Iron, Spring Steel

Finish: Electrogalvanized, Armour



Part Number	Article Number	Flange Thickness	Static Load 1	Static Load 2
CATHPBC26	181107	21.8 mm Max	890 N	445 N

Refer to Static Load 1 for top mount applications. Refer to Static Load 2 for bottom mount applications.

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CAT HP J-HOOK SYSTEM

CAT HP J-HOOK CLIP TO HAMMER-ON FLANGE CLIP

FEATURES

- Requires only a hammer to install
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Spring Steel

Finish: Armour

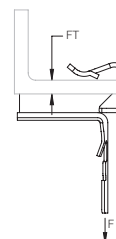


Part Number	Article Number	Flange Thickness	Static Load
CATHP24SM	181075	3 – 8 mm	890 N
CATHP58SM	181076	8 – 14 mm	890 N
CATHP912SM	181077	14 – 20 mm	890 N

CAT HP J-HOOK CLIP TO HAMMER-ON FLANGE CLIP, SWIVEL

FEATURES

- Requires only a hammer to install
- Rotates 360 degrees to support various directional runs of cable
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Spring Steel

Finish: Armour



Part Number	Article Number	Flange Thickness	Static Load
CATHP24	181091	3 – 8 mm	334 N
CATHP58	181071	8 – 14 mm	334 N
CATHP912	181072	14 – 20 mm	334 N

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CAT HP J-HOOK SYSTEM

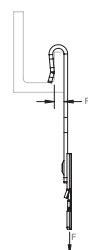
CAT HP J-HOOK CLIP TO C PURLIN CLIP

FEATURES

- Hammer-on or install from the floor with the VAFT tool
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook

Material: Spring Steel

Finish: Armour



Part Number	Article Number	Flange Thickness	Static Load
CATHPVF14	181081	1.5 – 6.0 mm	712 N

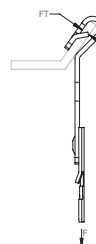
CAT HP J-HOOK CLIP TO Z PURLIN CLIP

FEATURES

- Requires only a hammer to install
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook

Material: Spring Steel

Finish: Armour



Part Number	Article Number	Flange Thickness	Static Load
CATHPAF14	181092	1.5 – 6.0 mm	445 N

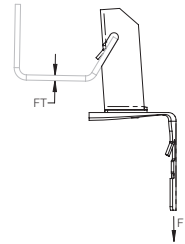
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK CLIP TO Z PURLIN CLIP, SWIVEL

FEATURES

- Requires only a hammer to install
- Rotates 360 degrees to support various directional runs of cable
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Steel, Spring Steel
Finish: Pregalvanized, Armour

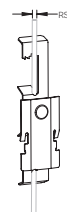


Part Number	Article Number	Flange Thickness	Static Load
CATHP123	181267	1.5 – 2.5 mm	440 N

CAT HP J-HOOK CLIP TO ROD/WIRE CLIP

FEATURES

- Quick attachment to threaded rod or wire
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Spring Steel
Finish: Armour



Part Number	Article Number	Rod Size	Wire Size	Static Load
CATHP4Z34	181083	M4, M6, M8	4.8 – 6.4 mm	130 N
CATHP6Z34	181084	M8, M10, M12		130 N

Recommended for use with Cat HP J-Hooks with a diameter of 2" (50 mm) or less.

Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK CLIP TO STRUT CLIP

FEATURES

- Easily attaches to the side of strut
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook

Material: Steel, Spring Steel

Finish: Armour



Part Number	Article Number	A	Static Load
CATHPESC	181082	10 mm	445 N

CAT HP J-HOOK CLIP TO PEDESTAL CLAMP

FEATURES

- Easy installation to pedestals used under raised floors
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook

Material: Steel, Spring Steel

Finish: Electrogalvanized, Armour



Part Number	Article Number	Pedestal Size	Static Load
CATHPCD0B	181085	19 mm Round	70 N
CATHPCD1B	181086	19 mm Square, 22.2 - 28.5 mm Round	70 N
CATHPCD2.5B	181087	25.4 mm Square	70 N
CATHPCD2B	181088	22.2 mm Square	70 N

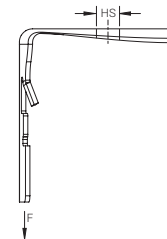
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK ANGLE BRACKET

FEATURES

- Ideal for attaching to threaded rod, concrete, steel or wood surfaces
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Spring Steel
Finish: Armour

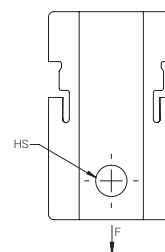


Part Number	Article Number	Hole Size	Static Load
CATHPA4	181066	7.2 mm	667 N
CATHPA6	181067	10.4 mm	890 N
CATHPAN	181065	4.7 mm	712 N

CAT HP J-HOOK STRAIGHT BRACKET

FEATURES

- Can be attached to various nVent CADDY fasteners or screwed directly to a wall
- Ideal for attaching to concrete, steel or wood surfaces
- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Spring Steel
Finish: Armour



Part Number	Article Number	Hole Size	Static Load
CATHPS4	181068	7 mm	890 N

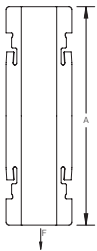
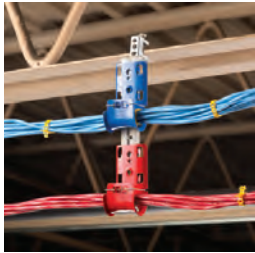
Datacom/Low Voltage

CAT HP J-HOOK SYSTEM

CAT HP J-HOOK TREE MOUNT BRACKET

FEATURES

- Requires no screws, rivets or special tools for assembly
- J-Hooks feature bendable locking tabs that lock on to Cat HP components to provide rigidity and stability
- Link to J-Hooks in one of multiple color options to aid in pathway identification and organization
- Customized J-Hook trees can be easily assembled with various J-Hook sizes, colors and configurations
- Cat HP components easily attach to any size Cat HP J-Hook



Material: Spring Steel

Finish: Armour



Part Number	Article Number	A	Static Load
CATHPTM	181069	111 mm	890 N

CAT HP CABLE PULLER KIT

FEATURES

- Minimizes pulling tension per TIA 568-C.5.3.1 during the installation of high-performance data cables
- Includes retainer, screw, angle bracket, tree mount bracket, carabiner hook and beam clamp



Material: Steel, Spring Steel

Finish: Pregalvanized, Armour

Part Number	Article Number	Diameter
CATHPLR	181093	50 mm

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CAT HP J-HOOK SYSTEM

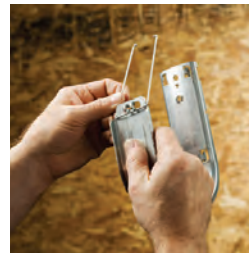
CAT HP WIRE RETAINER

FEATURES

- Replacement wire retainer for Cat HP J-Hooks
- Provides 360 degree containment for cables

Material: Steel

Finish: Pregalvanized



Part Number	Article Number	Diameter
RET16B50	181271	25.0 mm
RET21B50	181272	33.3 mm
RET32B50	181273	50.0 mm
RET48B25	181274	75.0 mm
RET64B25	181275	100.0 mm

CAT CM U-HOOK, STRUT MOUNT

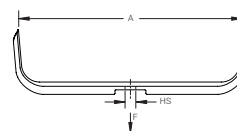
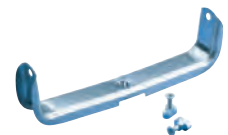
FEATURES

- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Integrated quick-attach T-nut allows U-Hooks to be quickly mounted to strut
- System offers a convenient pathway for wires and cables
- Specially designed U-Hooks have large-diameter, rounded support surfaces
- Rounded edges help prevent over-bending and kinking of cables
- Ideal for retrofit applications where cable runs need to be routed around existing building infrastructure
- Compliant with NEC® and ANSI®/TIA structured cabling systems standards

Material: Steel

Finish: Electrogalvanized

Included Components: Quick-Attach T-Nut



Part Number	Article Number	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	A	Area	Hole Size	Static Load
CAT200CM	181982	450	350	215	203 mm	533 mm ²	9.5 mm	440 N
CAT300CM	181984	700	525	325	304 mm	812 mm ²	9.5 mm	440 N

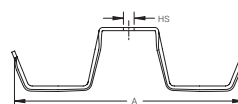
Datacom/Low Voltage

CAT CM CABLE SUPPORT SYSTEM

CAT CM DOUBLE J-HOOK

FEATURES

- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- System offers a convenient pathway for wires and cables
- Double J-Hooks can be mounted vertically along the same drop rod to create a tree configuration
- Allows addition of cables even when fixed flush to overhead decking
- Specially designed double J-Hook has large-diameter, rounded support surfaces
- Rounded edges help prevent over-bending and kinking of cables
- Ideal for retrofit applications where cable runs need to be routed around existing building infrastructure
- Compliant with NEC® and ANSI®/TIA structured cabling systems standards



Material: Steel

Finish: Electrogalvanized



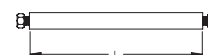
Part Number	Article Number	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	A	Area	Hole Size
CAT100CM	181976	70	50	30	185 mm	80 mm ²	9.5 mm

Area shown is the combined value for both sides. Divide by 2 for area of each side.

CAT CM ROLLER

FEATURES

- Retains cables while supporting cable pulls



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Length
CATRL200CM	181988	200 mm
CATRL300CM	181989	300 mm

Datacom/Low Voltage

CAT CM CABLE SUPPORT SYSTEM

CAT CM WIRE RETAINER

FEATURES

- Provides 360 degree containment for cables



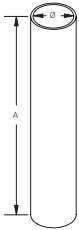
Material: Steel
Finish: Pregalvanized

Part Number	Article Number	Wire Size	Length
CATRT200CM	181991	5.4 mm	254 mm
CATRT300CM	181992	5.4 mm	342 mm

CAT CM PROTECTION TUBE

FEATURES

- Protects high performance data cables from coming in contact with threaded rod
- Minimizes the risk of cutting or abrading cable sheaths while pulling cable



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Diameter	A
CATTBCM	181987	17 mm	100 mm

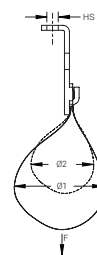
Datacom/Low Voltage

CAT 425 ADJUSTABLE CABLE SUPPORT

CAT 425 ADJUSTABLE CABLE SUPPORT

FEATURES

- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Simple unlocking and locking of bar allows for additional cables to be added easily after installation
- Adjustable strap allows for multiple support sizes to reduce inventory
- Cost effective alternative to expensive cable tray
- cULus® Listed and complies with NEC® and TIA requirements for structured cabling systems
- Suitable for air handling spaces (plenum)



Material: Polyethylene, Steel

Finish: Electrogalvanized

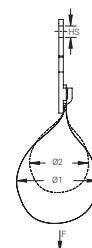


Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Hole Size	Static Load
CAT425	181130	100 mm, 150 mm	518 mm ²	425	325	210	7 mm	450 N

CAT 425 WALL MOUNT ADJUSTABLE CABLE SUPPORT

FEATURES

- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Simple unlocking and locking of bar allows for additional cables to be added easily after installation
- Adjustable strap allows for multiple support sizes to reduce inventory
- Cost effective alternative to expensive cable tray
- cULus® Listed and complies with NEC® and TIA requirements for structured cabling systems
- Suitable for air handling spaces (plenum)



Material: Polyethylene, Steel

Finish: Electrogalvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Hole Size	Static Load
CAT425WM	181880	100 mm, 150 mm	518 mm ²	425	325	210	7 mm	450 N

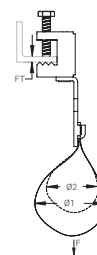
Datacom/Low Voltage

CAT 425 ADJUSTABLE CABLE SUPPORTS

CAT 425 ADJUSTABLE CABLE SUPPORT WITH BC BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Rotates 360 degrees to support various directional runs of cable
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Simple unlocking and locking of bar allows for additional cables to be added easily after installation
- Adjustable strap allows for multiple support sizes to reduce inventory
- Cost effective alternative to expensive cable tray
- cULus® Listed and complies with NEC® and TIA requirements for structured cabling systems
- Suitable for air handling spaces (plenum)



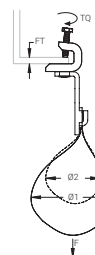
Material: Steel, Spring Steel
Finish: Armour, Electrogalvanized

Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT425EBC	181360	100 mm, 150 mm	518 mm ²	425	325	210	16 mm Max	450 N

CAT 425 ADJUSTABLE CABLE SUPPORT WITH BC200 BEAM CLAMP

FEATURES

- Easy installation to beam flanges
- Rotates 360 degrees to support various directional runs of cable
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Simple unlocking and locking of bar allows for additional cables to be added easily after installation
- Adjustable strap allows for multiple support sizes to reduce inventory
- Cost effective alternative to expensive cable tray
- cULus® Listed and complies with NEC® and TIA requirements for structured cabling systems
- Suitable for air handling spaces (plenum)



Material: Polyethylene, Steel
Finish: Electrogalvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Torque	Static Load
CAT425BC200	181460	100 mm, 150 mm	13,181 mm ²	425	325	210	3.2 – 12.7 mm	3 N-m	450 N

Datacom/Low Voltage

CAT 425 ADJUSTABLE CABLE SUPPORTS

CAT 425 ADJUSTABLE CABLE SUPPORT WITH FLANGE CLIP

FEATURES

- Requires only a hammer to install
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Simple unlocking and locking of bar allows for additional cables to be added easily after installation
- Adjustable strap allows for multiple support sizes to reduce inventory
- Cost effective alternative to expensive cable tray
- cULus® Listed and complies with NEC® and TIA requirements for structured cabling systems
- Suitable for air handling spaces (plenum)

Material: Polyethylene, Steel, Spring Steel
Finish: Armour, Electrogalvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT42524SM	181620	100 mm, 150 mm	13,181 mm²	425	325	210	3.2 – 6.4 mm	450 N
CAT42558SM	181630	100 mm, 150 mm	13,181 mm²	425	325	210	7.9 – 12.7 mm	450 N
CAT425912SM	181640	100 mm, 150 mm	13,181 mm²	425	325	210	14.3 – 19.1 mm	450 N

CAT 425 ADJUSTABLE CABLE SUPPORT WITH C PURLIN CLIP

FEATURES

- Requires only a hammer to install
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Simple unlocking and locking of bar allows for additional cables to be added easily after installation
- Adjustable strap allows for multiple support sizes to reduce inventory
- Cost effective alternative to expensive cable tray
- cULus® Listed and complies with NEC® and TIA requirements for structured cabling systems
- Suitable for air handling spaces (plenum)

Material: Steel, Spring Steel
Finish: Pregalvanized, Armour



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT425VF	181830	100 mm, 150 mm	519 mm²	425	325	210	3 – 6 mm	450 N

Datacom/Low Voltage

CAT 425 ADJUSTABLE CABLE SUPPORTS

CAT 425 ADJUSTABLE CABLE SUPPORT WITH Z PURLIN CLIP

FEATURES

- Requires only a hammer to install
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Simple unlocking and locking of bar allows for additional cables to be added easily after installation
- Adjustable strap allows for multiple support sizes to reduce inventory
- Cost effective alternative to expensive cable tray
- cULus® Listed and complies with NEC® and TIA requirements for structured cabling systems
- Suitable for air handling spaces (plenum)

Material: Polyethylene, Steel, Spring Steel
Finish: Armour, Electrogalvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Flange Thickness	Static Load
CAT425AF14	181870	100 mm, 150 mm	519 mm ²	425	325	210	1.6 – 6.0 mm	450 N



CAT 425 ADJUSTABLE CABLE SUPPORT WITH PEDESTAL CLAMP

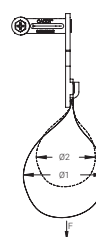
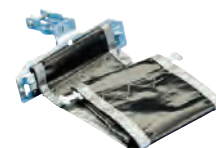
FEATURES

- Easy installation to pedestals used under raised floors
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
- Simple unlocking and locking of bar allows for additional cables to be added easily after installation
- Adjustable strap allows for multiple support sizes to reduce inventory
- Cost effective alternative to expensive cable tray
- cULus® Listed and complies with NEC® and TIA requirements for structured cabling systems
- Suitable for air handling spaces (plenum)

Material: Polyethylene, Steel
Finish: Electrogalvanized



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Pedestal Size	Static Load
CAT425WMCD1B	181881	100 mm, 150 mm	13,181 mm ²	425	325	210	19 mm Square, 22.2 - 28.5 mm Round	220 N



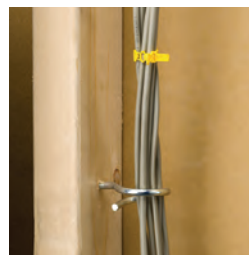
Datacom/Low Voltage

BRIDLE RINGS

THREADED BRIDLE RING

FEATURES

- Combine bridle rings with other nVent CADDY fasteners to support cables from flange, purlin, drop wire, t-grid, etc.



Material: Steel

Finish: Electrogalvanized



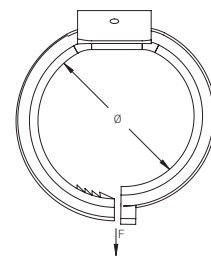
Part Number	Article Number	Diameter	Screw Diameter	Screw Type	Screw Length	Ultimate Static Load	Certifications	Standard Packaging Quantity
4BRT32WS	172923	50 mm	M6	Wood	19 mm	220 N	cULus	100 pc
GR50	172920	50 mm	M6	Metal	18 mm	220 N		100 pc
PTB6	172921	12 mm	M6	Metal	32 mm	220 N		100 pc
PTB8	172922	16 mm	M8	Metal	32 mm	220 N		100 pc

Bridle Rings not recommended for high performance cables. See Cat HP J-Hook System.

CAT CR50 LOW-VOLTAGE CABLE RETAINER

FEATURES

- Complies with the NEC®, the CEC and TIA standards for cable management
- Allows for horizontal and vertical change of direction
- Installs easily
- Works with CAT 5e and higher, fibre optic and coaxial cable
- Residential application
- Suitable for air handling spaces (plenum)



Material: Polypropylene



Part Number	Article Number	Diameter	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Static Load
CATCR50	182335	50 mm	68 mm ²	50	36	45 N

Datacom/Low Voltage

CLIPS, CLAMPS AND RETAINERS

MILLE-TIE

FEATURES

- Suitable for heavy duty applications
- Maintains cable properties and conductor configuration
- Protects cable from crimping with "Intelligent Grip Technology"
- Cushions vibration
- No sharp edges
- One size fits all
- Reusable

Material: Polyurethane
Temperature: -20 to 60 °C

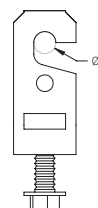
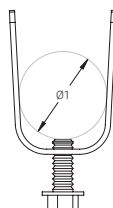


Part Number	Article Number	Type	Length	Color
CATMTLS	181995	Low-Smoke/Halogen Free	300 mm	Yellow

SIGNAL REFERENCE GRID WIRE CLAMP

FEATURES

- Provides a quick method to support a signal grid to computer floor pedestals
- Slots in fastener grip wire to provide positive contact with post
- Clamps grid wire directly to post allowing a low resistance connection across bare metal contacts
- Installs easily with a screwdriver or nut driver



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Conductor Size	Diameter 1	Diameter 2
RGC	339000	#8 Stranded - #4 Stranded	19 – 25 mm	3.70 – 7.11 mm

Datacom/Low Voltage

VERTICAL CABLE SUPPORTS

CAT 600R STRUT MOUNT VERTICAL CABLE SUPPORT

FEATURES

- Makes vertical cable pulling easier - locking mechanism opens during pull and re-engages when cable is released
- Includes pre-riveted assembly that twist-locks into the strut
- Rounded edges help prevent cable damage
- Valuable space savings within telecomm closets
- More versatile allowing future additions of cable runs
- Reduces installation time
- Allows cable installation to start at the bottom floor



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Area	Diameter
CAT600R	181930	75	47	80 mm ²	25.4 mm Max

CAT 600WM WALL MOUNT VERTICAL CABLE SUPPORT

FEATURES

- Makes vertical cable pulling easier - locking mechanism opens during pull and re-engages when cable is released
- Accepts wide range of cable sizes: (75) 4-pair UTP Cat 5e, (47) Cat 6, (10) 25-pair UTP, (1) each 100-pair through 600-pair
- Rounded edges help prevent cable damage
- Valuable space savings within telecomm closets
- More versatile allowing future additions of cable runs
- Reduces installation time
- Allows cable installation to start at the bottom floor

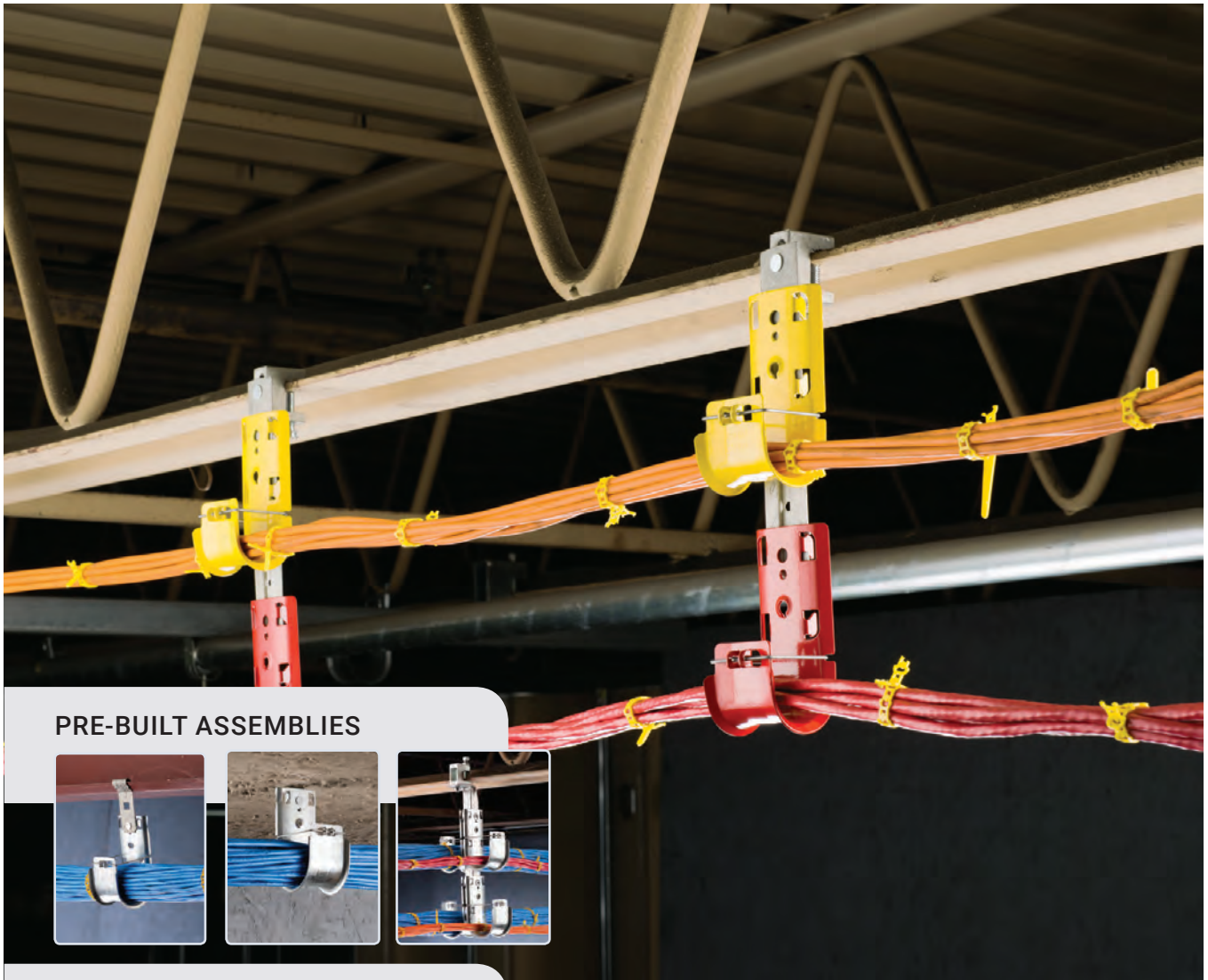


Material: Steel

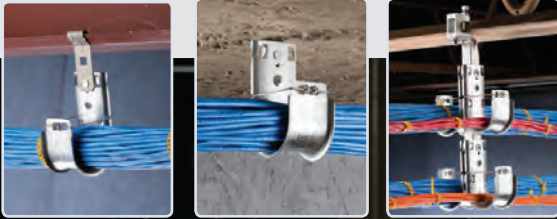
Finish: Electrogalvanized



Part Number	Article Number	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Area	Diameter
CAT600WM	181940	75	47	80 mm ²	25 mm Max



PRE-BUILT ASSEMBLIES



INTERCHANGEABLE COMPONENTS



CAT HP

Cable Support System

- Assemblies are ready to use out of the box
- Provides optimal support for high-performance data cable
- Components are adaptable to jobsite needs and require no special tools for assembly
- Provides superior fill capacity and load rating over most other alternatives

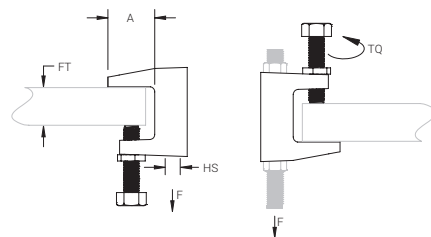
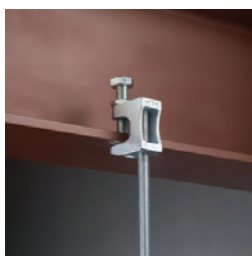
Structural Attachments



Structural Attachments

BEAM/PURLIN

300M UNIVERSAL BEAM CLAMP



Material: Cast Iron
Finish: Electrogalvanized



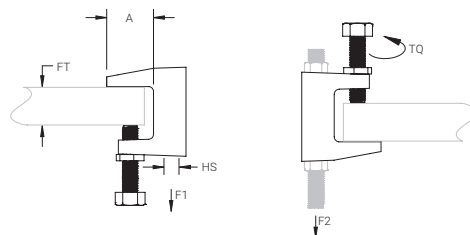
Part Number	Article Number	Hole Size	Flange Thickness	A	Torque	Static Load	Certifications	Standard Packaging Quantity
Hole Type: Plain								
30009MM	389500	9 mm	18 mm Max	21 mm	14 N-m	1,200 N	VdS	100 pc
30011MM	389510	11 mm	20 mm Max	23 mm	14 N-m	2,500 N	FM, VdS	100 pc
30011MMSP5	175840	11 mm	20 mm Max	23 mm	14 N-m	2,500 N	FM, VdS	10 x 5 pc
30013MM	389520	13 mm	26 mm Max	35 mm	14 N-m	3,500 N	FM, VdS	80 pc
30017MM	389505	17 mm	28 mm Max	30 mm	14 N-m	5,500 N	FM, VdS	50 pc
3009MMSP5	175830	9 mm	18 mm Max	21 mm	14 N-m	1,200 N	VdS	10 x 5 pc
Hole Type: Threaded								
300M10	386820	M10	20 mm Max	23 mm	14 N-m	2,500 N	FM, VdS	100 pc
300M12	386830	M12	26 mm Max	35 mm	14 N-m	3,500 N	FM, VdS	80 pc
300M6	386805	M6	18 mm Max	21 mm	14 N-m	1,200 N		140 pc
300M6SP5	175910	M6	18 mm Max	21 mm	14 N-m	1,200 N		10 x 5 pc
300M8	386810	M8	18 mm Max	21 mm	14 N-m	1,200 N	VdS	100 pc

Setscrew must be tightened and torqued onto the sloped side of the I-beam.

310M UNIVERSAL BEAM CLAMP, THICK FLANGE

FEATURES

- Universal beam clamp for thick beams



Material: Cast Iron
Finish: Electrogalvanized



Part Number	Article Number	Hole Size	Hole Type	Flange Thickness	A	Torque	Static Load 1	Static Load 2	Certifications
31011MM	598501	11 mm	Plain	31.8 mm Max	28.6 mm	7 N-m	2,200 N	1,100 N	FM, VdS
31013MM	598502	13 mm	Plain	31.8 mm Max	28.6 mm	15 N-m	4,200 N	3,300 N	FM, VdS
310M10	389890	M10	Threaded	31.8 mm Max	28.6 mm	7 N-m	2,200 N	1,100 N	cULus, FM, VdS
310M12	388890	M12	Threaded	31.8 mm Max	28.6 mm	15 N-m	4,200 N	3,300 N	cULus, FM, VdS

Setscrew must be tightened and torqued onto the sloped side of the I-beam.

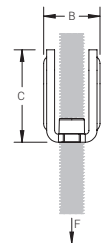
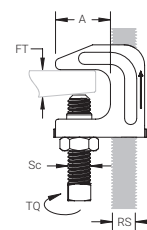
Structural Attachments

BEAM/PURLIN

SBC STAMPED BEAM CLAMP, TOP MOUNT

FEATURES

- Allows structural attachment to metal beams, bar joist, channel, or angle iron in top mount position only unless used on a parallel flange
- Lightweight, one-piece stamped body provides superior strength and eliminates deficiencies associated with castings
- Spins onto threaded rod and allows for easy adjustment
- Conforms with Federal Specification WW-H-171 (Type 23), Manufacturers Standardization Society ANSI®/MSS-SP-58 (Type 19)



Material: Steel

Finish: Pregalvanized

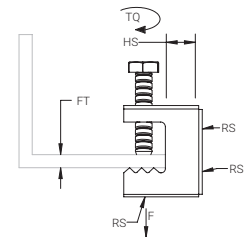
Part Number	Article Number	Rod Size	Flange Thickness	A	B	C	Screw Diameter	Torque	Static Load
SBCM10	386821	M10	19 mm Max	23.5 mm	21.6 mm	40.1 mm	9.5 mm	6.78 N-m	2,200 N

Set screw must be tightened and torqued onto the sloped side of the I-beam, channel, or angle iron flange.

EBC BEAM CLAMP

FEATURES

- Easy installation to beam flanges



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Rod Size	Hole Size	Flange Thickness	Torque	Static Load	Standard Packaging Quantity
EBC	170380	M6	10.5 mm	16 mm Max	3 N-m	450 N	100 pc
EBCSP25	172430	M6	10.5 mm	16 mm Max	3 N-m	450 N	10 x 25 pc

Setscrew must be tightened and torqued onto the sloped side of the I-beam.

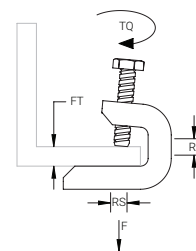
Structural Attachments

BEAM/PURLIN

BC200/BC400 BEAM CLAMP

FEATURES

- Threaded hole on back and bottom



Material: Steel

Finish: Electrogalvanized

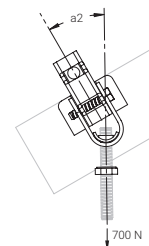
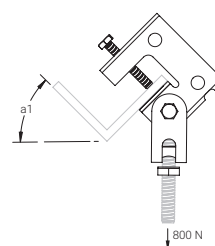
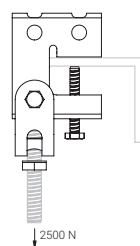
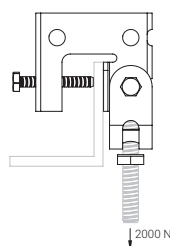
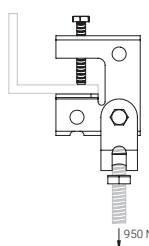
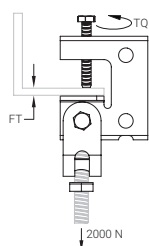
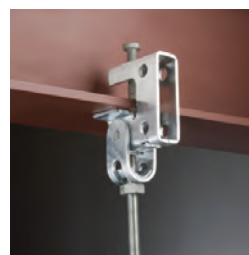
Part Number	Article Number	Rod Size	Flange Thickness	Torque	Static Load
BC200M6	181180	M6	16 mm Max	3 N-m	550 N

Setscrew must be tightened and torqued onto the sloped side of the I-beam.

BEAM CLAMP WITH SWIVEL

FEATURES

- Swivel beam clamp
- Suitable for mounting onto sloped steel structures
- Includes M10 nut and washer



Material: Steel

Part Number	Article Number	Flange Thickness	Torque	Angle 1	Angle 2
Finish: Electrogalvanized					
HB2	336030	24 mm Max	6 N-m	45° Min	30° Max
Finish: Hot-Dip Galvanized					
HB2HD	336040	24 mm Max	6 N-m	45° Min	30° Max

Setscrew must be tightened and torqued onto the sloped side of the I-beam.

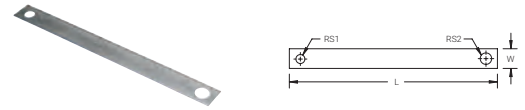
Structural Attachments

BEAM/PURLIN

35RS TWO HOLE RETAINER STRAP

FEATURES

- Retainer strap for beam clamps



Material: Steel

Finish: Pregalvanized

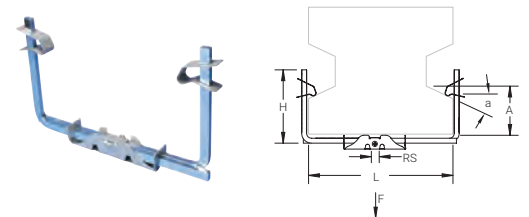
Part Number	Article Number	Length	Width	Flange Width	Rod Size 1	Rod Size 2
035RS300	590240	350 mm	25 mm	300 mm Max	M10	M10

Field bend and use jam nut over hanger rod to secure.

UBH CONCRETE BEAM CLAMP

FEATURES

- Complete beam clamp assembly for hanging from large I-shaped concrete beams



Material: Steel

Finish: Electrogalvanized

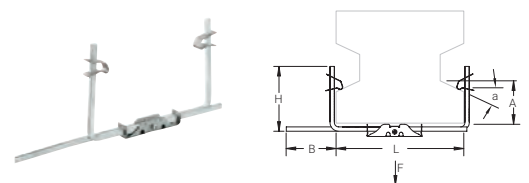
Part Number	Article Number	Rod Size	Length	Height	A	Angle	Static Load 1	Static Load 2
UBH350M6	190530	M6	200 – 350 mm	170 mm	3 – 110 mm	0° – 40°	750 N	500 N
UBH350M8	190490	M8	200 – 350 mm	170 mm	3 – 110 mm	0° – 40°	750 N	500 N
UBH500M6	190540	M6	350 – 500 mm	210 mm	3 – 150 mm	0° – 40°	750 N	500 N
UBH500M8	190500	M8	350 – 500 mm	210 mm	3 – 150 mm	0° – 40°	750 N	500 N

Static Load 1 represents 0° to 20° angle. Static Load 2 represents 20° to 40° angle.

UBHT CONCRETE BEAM CLAMP WITH CANTILEVER ARM

FEATURES

- Under beam attachment
- Rod extends past beam to support basket tray



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Length	Height	A	B	Angle	Static Load 1	Static Load 2
UBHT350	190510	200 – 350 mm	170 mm	3 – 110 mm	125 – 275 mm	0° – 40°	750 N	500 N
UBHT500	190520	350 – 500 mm	210 mm	3 – 150 mm	125 – 275 mm	0° – 40°	750 N	500 N

Static Load 1 represents 0° to 20° angle. Static Load 2 represents 20° to 40° angle.

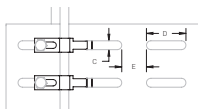
Structural Attachments

BEAM/PURLIN

PERFORATED CABLE TRAY CLIP FOR UBHT SERIES

FEATURES

- Easily attaches perforated cable tray to UBHT Concrete Beam Clamp with Cantilever Arm



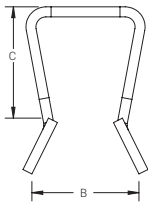
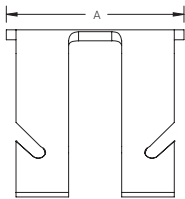
Material: Spring Steel
Finish: Armour

Part Number	Article Number	A	B	C	D	E
UBHCTC	190600	6.5 mm	19 mm	6 – 10 mm	15 mm Max	39 mm Max

WIRE CABLE TRAY CLIP FOR UBHT SERIES

FEATURES

- Easily attaches wire cable tray to UBHT Concrete Beam Clamp with Cantilever Arm
- No tools or fasteners needed; fast snap-on installation



Material: Spring Steel
Finish: Armour

Part Number	Article Number	A	B	C
UBHBTC	190620	18.1 mm	6.6 mm	12.6 mm

Structural Attachments

BEAM/PURLIN

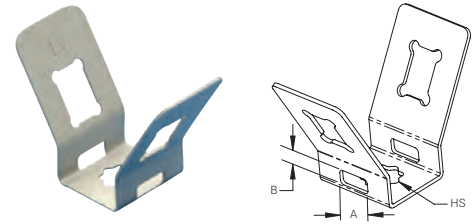
SQUARE TUBE SUPPORT CLIP FOR UBHT SERIES

FEATURES

- Rod support
- Attaches to rod used as catenary support

Material: Spring Steel

Finish: Armour

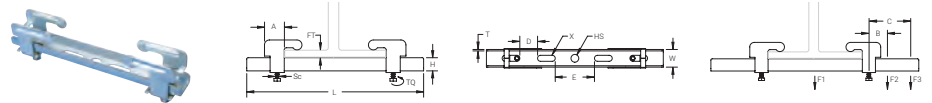


Part Number	Article Number	Hole Size	A	B
UBHRA	190650	8.5 mm	8 mm	2 mm

2000 BEAM CLAMP KIT

FEATURES

- Light duty system
- Includes clamp and U channel



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Length	A	B	C	D	E	Static Load 1	Static Load 2	Static Load 3
2150EG	570130	150 mm	25 mm	25 mm		25 mm	80.0 mm	1,700 N	490 N	
2200EG	570140	200 mm	25 mm	25 mm	65 mm	25 mm	30.5 mm	1,700 N	490 N	340 N
2250EG	570150	250 mm	25 mm	25 mm	65 mm	25 mm	55.5 mm	1,700 N	490 N	340 N
2300EG	570160	300 mm	25 mm	25 mm	65 mm	25 mm	30.5 mm	1,700 N	490 N	340 N
2350EG	570170	350 mm	25 mm	25 mm	65 mm	25 mm	55.5 mm	1,700 N	490 N	340 N
2400EG	570180	400 mm	25 mm	25 mm	65 mm	25 mm	30.5 mm	1,700 N	490 N	340 N

Height	Width	Thickness	Flange Thickness	Hole Size	Screw Diameter
12 mm	25 mm	2 mm	11 mm Max	11 mm	M6

For a secure grip the channel must extend to the outer edge of each beam clamp.

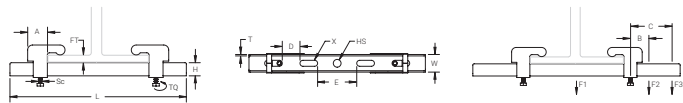
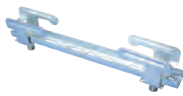
Structural Attachments

BEAM/PURLIN

3000 BEAM CLAMP KIT

FEATURES

- Medium duty system
- Includes clamp and U channel



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Length	Height	Width	Thickness	Flange Thickness	Hole Size	Static Load 1	Static Load 2	Static Load 3
3300EG	570410	300 mm	15 mm	30 mm	2.5 mm	15 mm Max	13 mm	3,700 N	490 N	390 N
3400EG	570420	400 mm	15 mm	30 mm	2.5 mm	15 mm Max	13 mm	3,700 N	490 N	390 N
3500EG	570430	500 mm	15 mm	30 mm	2.5 mm	15 mm Max	13 mm	3,700 N	490 N	390 N
3600EG	570440	600 mm	15 mm	30 mm	2.5 mm	15 mm Max	13 mm	3,700 N	490 N	390 N

A	B	C	D	E	X
40 mm	100 mm	150 mm	25 mm	31.5 mm	10.5 x 25 mm

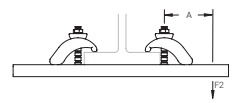
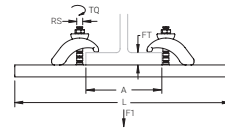
Structural Attachments

BEAM/PURLIN

5000 BEAM CLAMP KIT

FEATURES

- C-Channel system
- Includes beam clamp and channel



Part Number	Article Number	Length	Channel Type	Rod Size	Flange Thickness	Torque
Material: Stainless Steel 304 (EN 1.4301)						
5300S4	335050	300 mm	E5	M10	3 – 30 mm	30 N-m
5400S4	335060	400 mm	E5	M10	3 – 30 mm	30 N-m
5500S4	335070	500 mm	E5	M10	3 – 30 mm	30 N-m
5600S4	335080	600 mm	E5	M10	3 – 30 mm	30 N-m
5800S4	335090	800 mm	E5	M10	3 – 30 mm	30 N-m
Material: Steel – Finish: Hot-Dip Galvanized						
5300HD	335000	300 mm	E5	M10	3 – 30 mm	30 N-m
5400HD	335010	400 mm	E5	M10	3 – 30 mm	30 N-m
5500HD	335020	500 mm	E5	M10	3 – 30 mm	30 N-m
5600HD	335030	600 mm	E5	M10	3 – 30 mm	30 N-m
5800HD	335040	800 mm	E5	M10	3 – 30 mm	30 N-m

A	Static Load 1 F1	Static Load 2 F2
100 mm	3500 N	850 N
200 mm	1750 N	400 N
300 mm	1100 N	250 N
400 mm	800 N	200 N
500 mm	700 N	175 N
600 mm	500 N	125 N

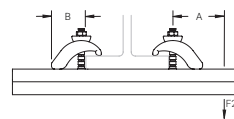
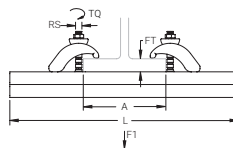
Structural Attachments

BEAM/PURLIN

6000 BEAM CLAMP KIT

FEATURES

- Back-to-back welded channels provide a smooth and easy adjustable fixing over the complete length of the channel
- Pressure clamps grip the strut channel between two lips, protecting it from turning
- Safe heavy duty fixing system for cable tray, duct or pipe



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Length	Strut Type	Rod Size	Flange Thickness	B	Torque
6300AAHD	330100	300 mm	AA (83 x 41 mm)	M10	3 – 30 mm	60 mm	30 N-m
6300CCHD	330000	300 mm	CC (41 x 41 mm)	M10	3 – 30 mm	60 mm	30 N-m
6400AAHD	330110	400 mm	AA (83 x 41 mm)	M10	3 – 30 mm	60 mm	30 N-m
6400CCHD	330010	400 mm	CC (41 x 41 mm)	M10	3 – 30 mm	60 mm	30 N-m
6500AAHD	330120	500 mm	AA (83 x 41 mm)	M10	3 – 30 mm	60 mm	30 N-m
6500CCHD	330020	500 mm	CC (41 x 41 mm)	M10	3 – 30 mm	60 mm	30 N-m
6600AAHD	330130	600 mm	AA (83 x 41 mm)	M10	3 – 30 mm	60 mm	30 N-m
6600CCHD	330030	600 mm	CC (41 x 41 mm)	M10	3 – 30 mm	60 mm	30 N-m
6800AAHD	330140	800 mm	AA (83 x 41 mm)	M10	3 – 30 mm	60 mm	30 N-m
6800CCHD	330040	800 mm	CC (41 x 41 mm)	M10	3 – 30 mm	60 mm	30 N-m

Strut Type	A	Static Load 1 F1	Static Load 2 F2
CC	200 mm	4000 N	1100 N
	300 mm	3000 N	750 N
	400 mm	2250 N	550 N
	500 mm	1800 N	450 N
	600 mm	1500 N	350 N
AA	200 mm	7000 N	3250 N
	300 mm	7000 N	2250 N
	400 mm	7000 N	1750 N
	500 mm	5500 N	1400 N
	600 mm	4500 N	1150 N

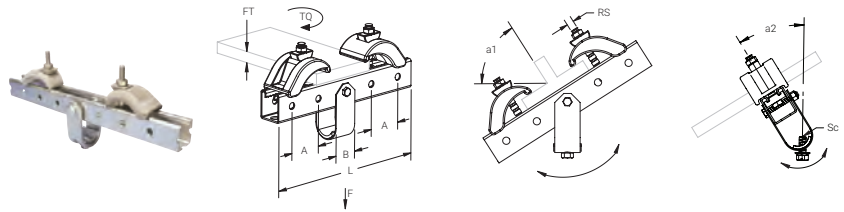
Structural Attachments

BEAM/PURLIN

6000 BEAM CLAMP KIT WITH SWIVEL

FEATURES

- Strut channel system, complete kit with swivel adapter
- Includes AS channel and two beam clamps
- Beam clamps grip laterally over the channel preventing it from twisting



Material: Steel

Finish: Hot-Dip Galvanized

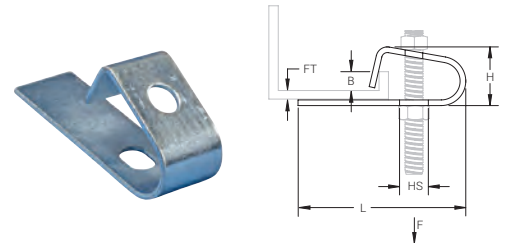
Part Number	Article Number	Length	Rod Size	Flange Thickness	Angle 1	Angle 2	A	B	Screw Diameter	Torque
6300SWHD	336000	300 mm	M10	3 – 30 mm	45° Max	30° Max	50 mm	35 mm	M10	30 N·m
6400SWHD	336010	400 mm	M10	3 – 30 mm	45° Max	30° Max	50 mm	35 mm	M10	30 N·m
6500SWHD	336020	500 mm	M10	3 – 30 mm	45° Max	30° Max	50 mm	35 mm	M10	30 N·m

Load ratings apply for installations under a horizontal beam.

D1 PURLIN CLAMP

FEATURES

- Straight design
- Hangs threaded rod from purlins



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	Hole Size	Height	Length	B	Static Load
D1	336280	4 mm Max	11 mm	36 mm	90 mm	22 mm Max	600 N

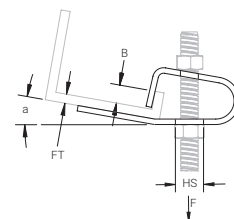
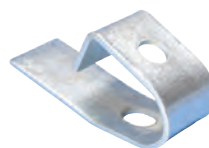
Structural Attachments

BEAM/PURLIN

D2 PURLIN CLAMP

FEATURES

- Angled design



Material: Steel

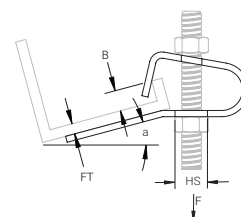
Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	Hole Size	Angle	B	Static Load
D2	339100	4 mm Max	11 mm	15°	22 mm Max	600 N

D3 PURLIN CLAMP

FEATURES

- Angled design



Material: Steel

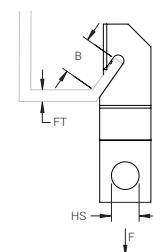
Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	Hole Size	Angle	B	Static Load
D3	339110	4 mm Max	11 mm	15°	22 mm Max	600 N

122 SERIES Z PURLIN CLIP

FEATURES

- Hammer-on clip compensates for angle of purlin
- Provides a portable hole
- Side mount



Material: Spring Steel

Finish: Armour



Part Number	Article Number	Hole Size	Flange Thickness	B	Static Load
122	171690	6.8 mm	2.8 mm Max	15 mm Min	450 N

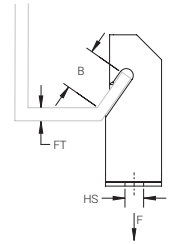
Structural Attachments

BEAM/PURLIN

123 SERIES Z PURLIN CLIP

FEATURES

- Hammer-on clip compensates for angle of purlin
- Provides method for attaching conduit and boxes to purlin
- Bottom mount



Material: Spring Steel
Finish: Armour

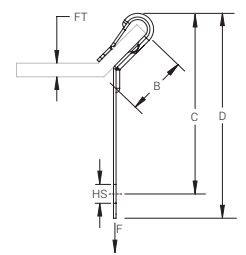
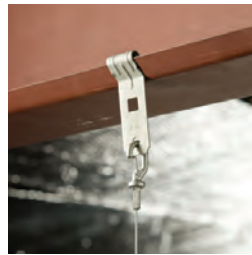


Part Number	Article Number	Hole Size	Flange Thickness	B	Static Load
123	171700	6.8 mm	1.5 – 2.5 mm	15 mm Min	450 N

AF SERIES Z PURLIN CLIP

FEATURES

- Angle flange clip for wire or chain suspensions from Z purlins
- Installs from floor with VAFT tool and conduit



Material: Spring Steel
Finish: Armour

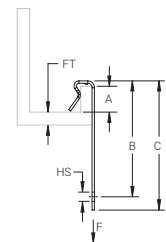


Part Number	Article Number	Hole Size	Flange Thickness	B	C	D	Static Load
AF14	179860	7.1 mm	1.5 – 6.0 mm	20 mm Min	65 mm	74 mm	440 N

J SERIES C PURLIN CLIP

FEATURES

- Provides an attachment for Speed Link assemblies, wire, S-hooks, or chain from purlin and bar joist
- Requires only a hammer to install



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Flange Thickness	Hole Size	A	B	C	Static Load	Standard Packaging Quantity
J1	170370	1.5 – 4.0 mm	6.8 mm	10 mm Min	42 mm	50 mm	700 N	100 pc
J1SP25	172440	1.5 – 4.0 mm	6.8 mm	10 mm Min	42 mm	50 mm	700 N	10 x 25 pc
J2	171590	4.0 – 6.5 mm	6.8 mm	10 mm Min	42 mm	50 mm	700 N	100 pc

Structural Attachments

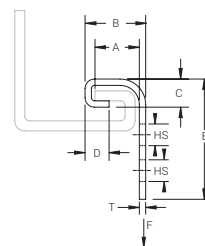
BEAM/PURLIN

PW2 SERIES C PURLIN CLIP

FEATURES

- Provides an attachment for Speed Link assemblies, wire, S-hooks, or chain from roll-lip purlin

Material: Steel
Finish: Armour



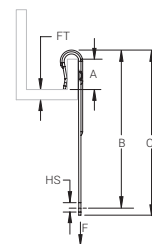
Part Number	Article Number	Hole Size	Thickness	A	B	C	D	E	Static Load
PW2	175590	6.8 mm	2 mm	12.5 mm	19.5 mm	12.5 mm	7.8 mm	37.5 mm	700 N

VF SERIES C PURLIN CLIP

FEATURES

- Provides an attachment for Speed Link assemblies, wire, S-hooks, or chain from purlin and bar joist
- Installs from floor with VAFT tool and conduit

Material: Spring Steel
Finish: Armour



Part Number	Article Number	Flange Thickness	A	B	C	Hole Size	Static Load	Standard Packaging Quantity
VF14	179850	1.5 – 6.0 mm	20 mm Min	80 mm	90 mm	7.1 mm	700 N	100 pc

VAFT INSTALLATION TOOL FOR PURLIN CLIPS

FEATURES

- Installation tool for VF & AF assemblies
- Used to install the AF or VF rod clips from the floor

Material: Steel



Part Number	Article Number	Product
VAFT	190330	Installation Tool

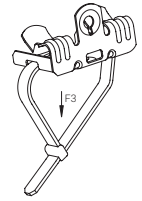
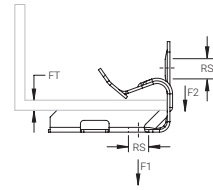
Structural Attachments

BEAM/PURLIN

HAMMER-ON FLANGE CLIP, BOTTOM MOUNT

FEATURES

- Can be used to support boxes, fixtures or other applications from beam flanges
- Assorted attachment points provided to reduce inventory
- Requires only a hammer to install



Part Number	Article Number	Flange Thickness	Rod Size	Static Load 1	Static Load 2	Static Load 3	Standard Packaging Quantity
Material: Spring Steel – Finish: Armour							
EM24	170050	3 – 8 mm	M6	450 N	110 N	330 N	100 pc
EM24SP25	172170	3 – 8 mm	M6	450 N	110 N	330 N	10 x 25 pc
EM58	170060	8 – 14 mm	M6	450 N	110 N	330 N	100 pc
EM58SP25	172180	8 – 14 mm	M6	450 N	110 N	330 N	10 x 25 pc
EM912	170070	14 – 20 mm	M6	450 N	110 N	330 N	100 pc
EM912SP25	175760	14 – 20 mm	M6	450 N	110 N	330 N	10 x 25 pc
Material: Stainless Steel 301 (EN 1.4310)							
EM24S1	179720	3 – 8 mm	M6	450 N	110 N	330 N	100 pc
EM58S1	179730	8 – 14 mm	M6	450 N	110 N	330 N	100 pc
EM912S1	179740	14 – 20 mm	M6	450 N	110 N	330 N	100 pc

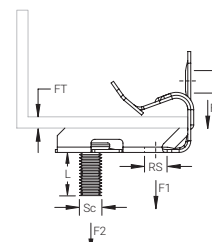
Structural Attachments

BEAM/PURLIN

HAMMER-ON FLANGE CLIP, BOTTOM MOUNT WITH STUD

FEATURES

- Can be used to support boxes, fixtures or other applications from beam flanges
- Captive threaded stud minimizes the need for additional hardware
- Assorted attachment points provided to reduce inventory
- Requires only a hammer to install

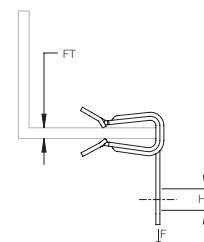


Part Number	Article Number	Flange Thickness	Rod Size	Screw Diameter	Screw Length	Static Load 1	Static Load 2	Static Load 3	Standard Packaging Quantity
Material: Stainless Steel 301 (EN 1.4310)									
EM24SS1	179750	3 – 8 mm	M6	M6	11 mm	450 N	330 N	110 N	100 pc
EM58SMS1	179760	8 – 14 mm	M6	M6	11 mm	450 N	330 N	110 N	100 pc
EM912SS1	179770	14 – 20 mm	M6	M6	11 mm	450 N	330 N	110 N	100 pc
Material: Steel, Spring Steel – Finish: ARMOUR									
EM24SM	170530	3 – 8 mm	M6	M6	11 mm	450 N	330 N	110 N	100 pc
EM24SM16	160440	3 – 8 mm	M6	M6	16 mm	450 N	330 N	110 N	100 pc
EM24SM16SP10	172220	3 – 8 mm	M6	M6	16 mm	450 N	330 N	110 N	10 x 10 pc
EM58SM	172060	8 – 14 mm	M6	M6	11 mm	450 N	330 N	110 N	100 pc
EM58SM16	160450	8 – 14 mm	M6	M6	16 mm	450 N	330 N	110 N	100 pc
EM58SM16SP10	172230	8 – 14 mm	M6	M6	16 mm	450 N	330 N	110 N	10 x 10 pc
EM912SM	171850	14 – 20 mm	M6	M6	11 mm	450 N	330 N	110 N	100 pc
EM912SM16	160460	14 – 20 mm	M6	M6	16 mm	450 N	330 N	110 N	100 pc
EM912SM16SP10	172240	14 – 20 mm	M6	M6	16 mm	450 N	330 N	110 N	10 x 10 pc

HAMMER-ON FLANGE CLIP, SIDE MOUNT

FEATURES

- Provides an attachment for wire, S-hooks, chain, Speed Link or other assemblies to flanges and profiles
- Fits most beams
- Installs with just a hammer



Part Number	Article Number	Flange Thickness	Hole Size	Static Load	Certifications	Standard Packaging Quantity
Material: Spring Steel – Finish: Armour						
2H4	170010	2 – 3 mm	7.1 mm	700 N	cULus	100 pc
4H24	170020	3 – 8 mm	7.1 mm	900 N	cULus	100 pc
4H24SP25	172320	3 – 8 mm	7.1 mm	900 N		10 x 25 pc
4H58	170030	8 – 14 mm	7.1 mm	900 N	cULus	100 pc
4H58SP25	172350	8 – 14 mm	7.1 mm	900 N		10 x 25 pc
4H912	170040	14 – 20 mm	7.1 mm	900 N	cULus	100 pc
4H912SP25	172380	14 – 20 mm	7.1 mm	900 N		10 x 25 pc
Material: Stainless Steel 301 (EN 1.4310)						
4H24S1	179610	3 – 8 mm	7.1 mm	650 N		100 pc
4H58S1	179620	8 – 14 mm	7.1 mm	650 N		100 pc
4H912S1	179630	14 – 20 mm	7.1 mm	650 N		100 pc

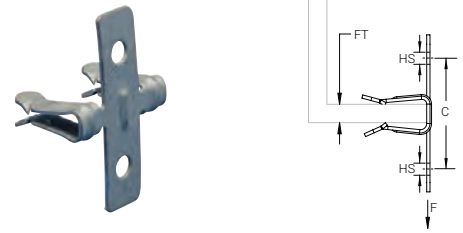
Structural Attachments

BEAM/PURLIN

HAMMER-ON FLANGE CLIP, TWO HOLE SIDE MOUNT

FEATURES

- Attaches electrical box to beam



Material: Steel

Finish: Armour

Part Number	Flange Thickness	Hole Size	C	Static Load
350000	3 – 6 mm	5.1 mm	30 mm	150 N

HAMMER-ON FLANGE CLIP, VERTICAL MOUNT

FEATURES

- Can be used to support boxes, fixtures or other applications from beam flanges
- Fits most beams
- Requires only a hammer to install



Material: Spring Steel

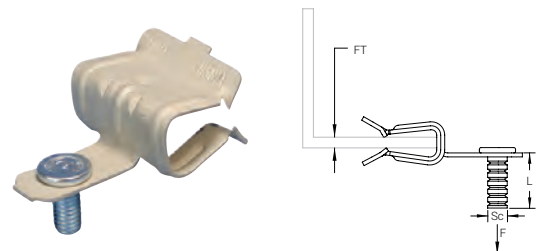
Finish: Armour

Part Number	Article Number	Flange Thickness	Rod Size	Static Load
4H24I	170150	3 – 8 mm	M6	150 N
4H58I	170250	8 – 14 mm	M6	150 N

HAMMER-ON FLANGE CLIP, VERTICAL MOUNT WITH STUD

FEATURES

- Can be used to support boxes, fixtures or other applications from beam flanges
- Captive threaded stud minimizes the need for additional hardware
- Fits most beams
- Requires only a hammer to install



Material: Steel, Spring Steel

Finish: Armour

Part Number	Article Number	Flange Thickness	Screw Diameter	Screw Length	Static Load
4H24IM11	170140	3 – 8 mm	M6	11 mm	150 N
4H58IM11	170160	8 – 14 mm	M6	11 mm	150 N

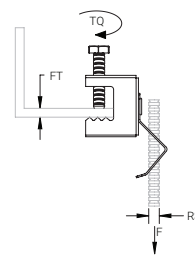
Structural Attachments

BEAM/PURLIN

BC-MA ROD TO BEAM CLAMP

FEATURES

- Attaches rod to beam flange
- Uses EBC as attachment to beam



Material: Spring Steel

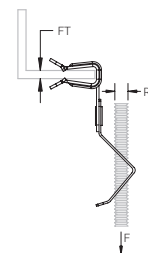
Finish: Armour

Part Number	Article Number	Rod Size	Flange Thickness	Torque	Static Load
EBCM10MA	173010	M10	16 mm Max	3 N-m	250 N
EBCM6MA	172990	M6	16 mm Max	3 N-m	250 N
EBCM8MA	173000	M8	16 mm Max	3 N-m	250 N

H-MA ROD/WIRE TO FLANGE CLIP

FEATURES

- Requires only a hammer to install
- Easily install and position rod without threading or tools



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Rod Size	Wire Size	Flange Thickness	Static Load
4MA24	173870		4 mm	3 – 8 mm	800 N
4MA4	173860		4 mm	2 – 3 mm	600 N
M10MA24	173320	M10		3 – 8 mm	700 N
M10MA4	173310	M10		2 – 3 mm	700 N
M10MA58	173330	M10		8 – 14 mm	700 N
M10MA912	173340	M10		14 – 20 mm	700 N
M6MA24	173240	M6		3 – 8 mm	600 N
M6MA4	173230	M6		2 – 3 mm	600 N
M6MA58	173250	M6		8 – 14 mm	600 N
M6MA912	173260	M6		14 – 20 mm	600 N
M8MA24	173280	M8		3 – 8 mm	700 N
M8MA4	173270	M8		2 – 3 mm	700 N
M8MA58	173290	M8		8 – 14 mm	700 N
M8MA912	173300	M8		14 – 20 mm	700 N

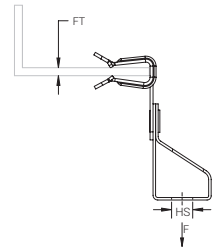
Structural Attachments

BEAM/PURLIN

H-TI/T ROD TO FLANGE CLIP

FEATURES

- Suspends threaded rod from beam flanges
- Threaded rod hanger can swivel to provide a vertical dropdown
- Requires only a hammer to install



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Hole Size	Hole Type	Flange Thickness	Static Load	Standard Packaging Quantity
160000	160000	11 mm	Plain	2 – 3 mm	700 N	100 pc
160010	160010	11 mm	Plain	3 – 8 mm	900 N	100 pc
160030	160030	11 mm	Plain	14 – 20 mm	900 N	100 pc
M10TI24	175000	M10	Threaded	3 – 8 mm	900 N	100 pc
M10TI4	174990	M10	Threaded	2 – 3 mm	700 N	100 pc
M10TI58	175010	M10	Threaded	8 – 14 mm	900 N	100 pc
M10TI912	175020	M10	Threaded	14 – 20 mm	900 N	100 pc
M6TI24	174820	M6	Threaded	3 – 8 mm	900 N	100 pc
M6TI24SP25	175860	M6	Threaded	3 – 8 mm	900 N	10 x 25 pc
M6TI4	174810	M6	Threaded	2 – 3 mm	700 N	100 pc
M6TI58	174830	M6	Threaded	8 – 14 mm	900 N	100 pc
M6TI58SP25	175870	M6	Threaded	8 – 14 mm	900 N	10 x 25 pc
M6TI912	174840	M6	Threaded	14 – 20 mm	900 N	100 pc
M8TI24	174910	M8	Threaded	3 – 8 mm	900 N	100 pc
M8TI4	174900	M8	Threaded	2 – 3 mm	700 N	100 pc
M8TI58	174920	M8	Threaded	8 – 14 mm	900 N	100 pc
M8TI912	174930	M8	Threaded	14 – 20 mm	900 N	100 pc
T1058	160020	11 mm	Plain	8 – 14 mm	900 N	100 pc

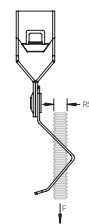
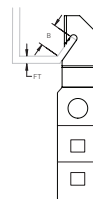
Structural Attachments

BEAM/PURLIN

122-MA ROD TO Z PURLIN CLIP

FEATURES

- Hammer-on clip compensates for angle of purlin
- Provides method for attaching wire or rod to purlin



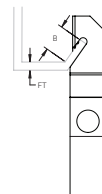
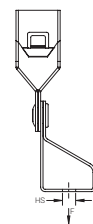
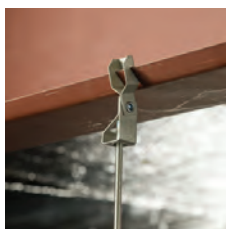
Material: Spring Steel
Finish: Armour

Part Number	Article Number	Rod Size	Flange Thickness	B	Static Load
122M10MA	174700	M10	2.8 mm Max	15 mm Min	450 N
122M6MA	174680	M6	2.8 mm Max	15 mm Min	450 N
122M8MA	174690	M8	2.8 mm Max	15 mm Min	450 N

122-TI/T ROD TO Z PURLIN CLIP

FEATURES

- Hammer-on clip compensates for angle of purlin
- Provides method for attaching rod to purlin



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Hole Size	Hole Type	Flange Thickness	B	Static Load
122M10TI	175070	M10	Threaded	2.8 mm Max	15 mm Min	450 N
122M6TI	174890	M6	Threaded	2.8 mm Max	15 mm Min	450 N
122M8TI	174980	M8	Threaded	2.8 mm Max	15 mm Min	450 N
122T10	160240	11 mm	Plain	2.8 mm Max	15 mm Min	450 N

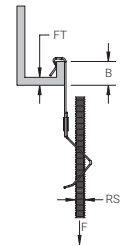
Structural Attachments

BEAM/PURLIN

J-MA ROD TO C PURLIN CLIP

FEATURES

- Attaches to joists and C purlin
- Support threaded rod



Material: Spring Steel

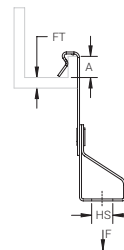
Finish: Armour

Part Number	Article Number	Rod Size	Flange Thickness	B	Static Load
M10MAJ1	173370	M10	1.5 – 4.0 mm	10 mm Min	700 N
M10MAJ2	173400	M10	4.0 – 6.5 mm	10 mm Min	700 N
M4MAJ1	174090	4 mm	1.5 – 4.0 mm	10 mm Min	700 N
M6MAJ1	173350	M6	1.5 – 4.0 mm	10 mm Min	600 N
M6MAJ2	173380	M6	4.0 – 6.5 mm	10 mm Min	600 N
M8MAJ1	173360	M8	1.5 – 4.0 mm	10 mm Min	700 N
M8MAJ2	173390	M8	4.0 – 6.5 mm	10 mm Min	700 N

J-TI/T ROD TO C PURLIN CLIP

FEATURES

- Attaches to joists and C purlin
- Support threaded rod
- Threaded rod hanger can swivel to provide a vertical dropdown



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Hole Size	Hole Type	Flange Thickness	A	Static Load	Standard Packaging Quantity
J1M10TI	175050	M10	Threaded	1.5 – 4.0 mm	10 mm Min	700 N	100 pc
J1M6TI	174870	M6	Threaded	1.5 – 4.0 mm	10 mm Min	700 N	100 pc
J1M8TI	174960	M8	Threaded	1.5 – 4.0 mm	10 mm Min	700 N	100 pc
J1T10	160220	11 mm	Plain	1.5 – 4.0 mm	10 mm Min	700 N	100 pc
J2M10TI	175060	M10	Threaded	4.0 – 6.5 mm	10 mm Min	700 N	100 pc
J2M6TI	174880	M6	Threaded	4.0 – 6.5 mm	10 mm Min	700 N	100 pc
J2M8TI	174970	M8	Threaded	4.0 – 6.5 mm	10 mm Min	700 N	100 pc
J2T10	160230	11 mm	Plain	4.0 – 6.5 mm	10 mm Min	700 N	100 pc

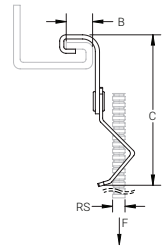
Structural Attachments

BEAM/PURLIN

PW2-MA ROD TO C PURLIN CLIP

FEATURES

- For suspending services from roll-lip purlins
- Combines with cable ties (not included)



Material: Steel, Spring Steel

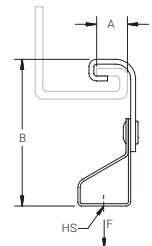
Finish: Armour

Part Number	Article Number	Rod Size	B	C	Static Load
PW2M10MA	175750	M10	12.5 mm	174 mm	700 N
PW2M6MA	175730	M6	12.5 mm	174 mm	600 N
PW2M8MA	175740	M8	12.5 mm	174 mm	700 N

PW2-TI/T ROD TO C PURLIN CLIP

FEATURES

- For suspending services from roll-lip purlins



Material: Steel, Spring Steel

Finish: Armour

Part Number	Article Number	Hole Size	Hole Type	A	B	Static Load
PW2M10TIIN	175620	M10	Threaded	12.5 mm	52 mm Min	700 N
PW2M6TIIN	175600	M6	Threaded	12.5 mm	52 mm Min	700 N
PW2M8TIIN	175610	M8	Threaded	12.5 mm	52 mm Min	700 N
PW2T10IN	175630	11 mm	Plain	12.5 mm	52 mm Min	700 N

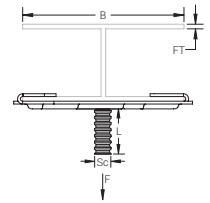
Structural Attachments

BEAM/PURLIN

BULB TEE CLIP

FEATURES

- Provides means of support from underside of bulb tee
- Ceiling material not defaced when correctly applied
- Requires only a hammer to install



Material: Spring Steel

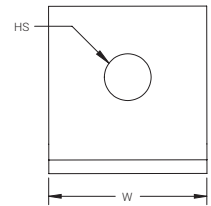
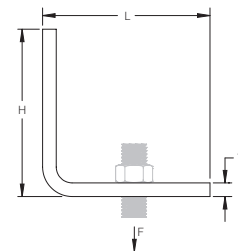
Finish: Armour

Part Number	Article Number	Flange Thickness	B	Nut Included	Screw Included	Screw Diameter	Screw Length	Static Load
4J2438	170290	4.7 mm Max	38 – 60 mm	No	No			600 N
4J2438SM	176780	4.7 mm Max	38 – 60 mm	No	Yes	M6	16 mm	600 N

325M STEEL SIDE BEAM ATTACHMENT

FEATURES

- Fastens to the wall or the side of a joist to support hanger rod



Material: Steel

Part Number	Article Number	Hole Size	Height	Length	Width	Thickness	Static Load
Finish: Electrogalvanized							
32513MMEG	589297	13 mm	60 mm	40 mm	45 mm	6 mm	5,000 N
Finish: Hot-Dip Galvanized							
325M10HD	589295	11 mm	50 mm	50 mm	50 mm	5 mm	2,000 N
325M12HD	589296	14 mm	50 mm	50 mm	50 mm	6 mm	3,000 N

Follow fastener manufacturer's recommended shear and pull-out strength when fastening to the structure. Fastener not included. Install in accordance with applicable code.

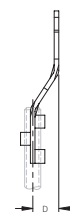
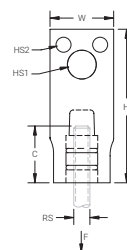
Structural Attachments

BEAM/PURLIN

BULB TEE CLIP

FEATURES

- Structural attachment used to join hanger rod to a structure
- Provides full vertical rod adjustment



Material: Steel

Finish: Electrogalvanized

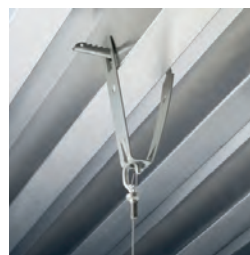
Part Number	Article Number	Rod Size	Pipe Size	Hole Size 1	Hole Size 2	Height	Width	C	D	Static Load
038M0010EG	598290	M10	100 mm Max	13 mm	6.7 mm	85 mm	29 mm	30.6 mm	19 mm	1,112 N

Load rating dependent on wood structure strength. For 3/8" rod through 2" pipe, use two Model #43 Wood Drive Screws. For 3/8" rod through 4" pipe, use one Model #42 1/2" x 3" Lag Screw.

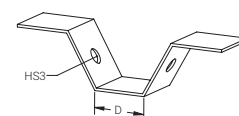
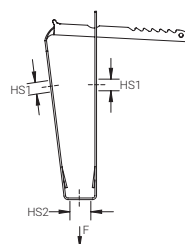
TDH TRAPEZOIDAL DECK HANGER

FEATURES

- Easy install
- If thread connection is required, use square nut THHM and snap in
- Use TDHP perforation tool to punch hole in decking



Ceiling Thickness	Static Load F
0,63 mm - 0,70 mm	600 N
0,71 mm - 0,80 mm	700 N
0,81 mm - 1,00 mm	800 N
1,01 mm - 1,20 mm	1000 N
1,21 mm - 1,50 mm	1200 N
> 1,50 mm	1500 N



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Hole Size 1	Hole Size 2	Hole Size 3	D
TDH	179920	6.8 mm	14 mm	10.5 mm	50 mm Max

Structural Attachments

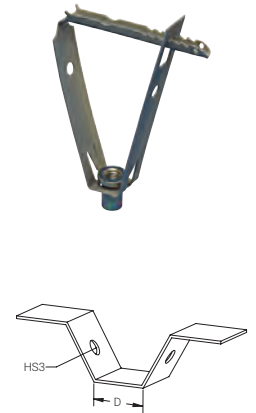
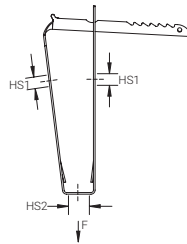
DECK

TDHA TRAPEZOIDAL DECK HANGER WITH ROTATING NUT

FEATURES

- Easy install
- Includes knurled nut for easy height adjusting
- Use TDHP perforation tool to punch hole in decking

Ceiling Thickness	Static Load F
0,63 mm - 0,70 mm	600 N
0,71 mm - 0,80 mm	700 N
0,81 mm - 1,00 mm	800 N
1,01 mm - 1,20 mm	1000 N
1,21 mm - 1,50 mm	1200 N
> 1,50 mm	1500 N



Material: Spring Steel
Finish: Armour

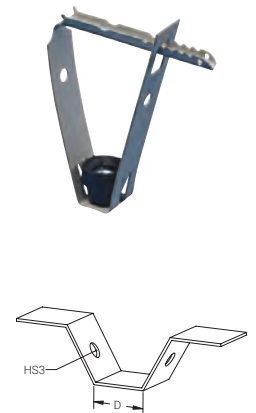
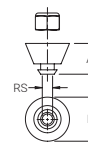
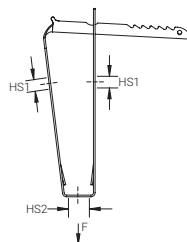
Part Number	Article Number	Rod Size	Hole Size 1	Hole Size 2	Hole Size 3	D
TDHAM10	179955	M10	6.8 mm	14 mm	10.5 mm	50 mm Max
TDHAM8	179945	M8	6.8 mm	14 mm	10.5 mm	50 mm Max

TDHI TRAPEZOIDAL DECK HANGER WITH SOUND INSULATED NUT

FEATURES

- Easy install
- Includes sound insulator, female thread
- Use TDHP perforation tool to punch hole in decking

Ceiling Thickness	Static Load F
0,63 mm - 0,70 mm	600 N
0,71 mm - 0,80 mm	700 N
0,81 mm - 1,00 mm	800 N
1,01 mm - 1,20 mm	1000 N
1,21 mm - 1,50 mm	1200 N
> 1,50 mm	1500 N



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Rod Size	Hole Size 1	Hole Size 2	Hole Size 3	A	B	D
TDHIM8	179510	M8	6.8 mm	14 mm	10.5 mm	19 mm	23 mm	50 mm Max

Structural Attachments

DECK

TDHM TRAPEZOIDAL DECK HANGER WITH FIXED NUT

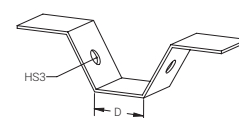
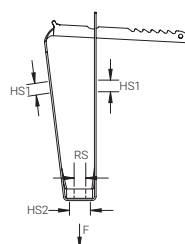
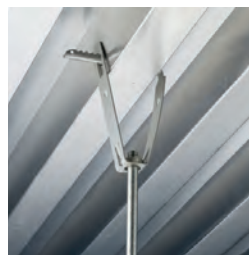
FEATURES

- Easy install
- Use TDHP perforation tool to punch hole in decking

Ceiling Thickness	Static Load F
0,63 mm - 0,70 mm	600 N
0,71 mm - 0,80 mm	700 N
0,81 mm - 1,00 mm	800 N
1,01 mm - 1,20 mm	1000 N
1,21 mm - 1,50 mm	1200 N
> 1,50 mm	1500 N

Material: Spring Steel
Finish: Armour

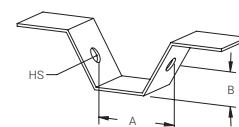
Part Number	Article Number	Rod Size	Hole Size 1	Hole Size 2	Hole Size 3	D
TDHM10	179950	M10	6.8 mm	14 mm	10.5 mm	50 mm Max
TDHM6	179930	M6	6.8 mm	14 mm	10.5 mm	50 mm Max
TDHM8	179940	M8	6.8 mm	14 mm	10.5 mm	50 mm Max



TDHP TRAPEZOIDAL DECK HOLE PUNCH

FEATURES

- Includes springs for quick release
- Height adjustable
- Replacement die set available



Material: Steel

Part Number	Article Number	Hole Size	A	B
TDHP2	159441	10.5 mm	40 – 100 mm	12 – 80 mm

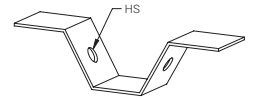
Structural Attachments

DECK

REPLACEMENT DIE FOR TDHP TRAPEZOIDAL DECK HOLE PUNCH

FEATURES

- Includes two punches with springs, nuts and washers



Material: Steel

Part Number	Article Number	Hole Size
TDHP2PR10	159442	10.5 mm

TBHG TRAPEZOIDAL DECK HANGER

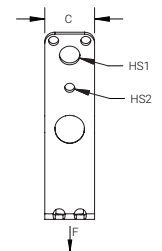
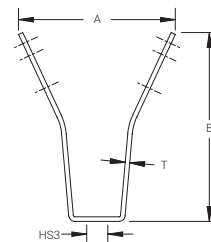
FEATURES

- Requires separate cross bolt and nut
- Use TDHP perforation tool to punch hole in decking

Ceiling thickness	Static Load F
0,63 mm - 0,70 mm	600 N
0,71 mm - 0,80 mm	700 N
0,81 mm - 1,00 mm	800 N
1,01 mm - 1,20 mm	1000 N
1,21 mm - 1,50 mm	1200 N
> 1,50 mm	1500 N

Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	A	B	C	Thickness	Hole Size 1	Hole Size 2	Hole Size 3
TBHG	597586	100 mm	120 mm	25 mm	2.5 mm	11 mm	6 mm	10.5 mm

Structural Attachments

DECK

TBHGGM TRAPEZOIDAL DECK HANGER WITH FIXED NUT

FEATURES

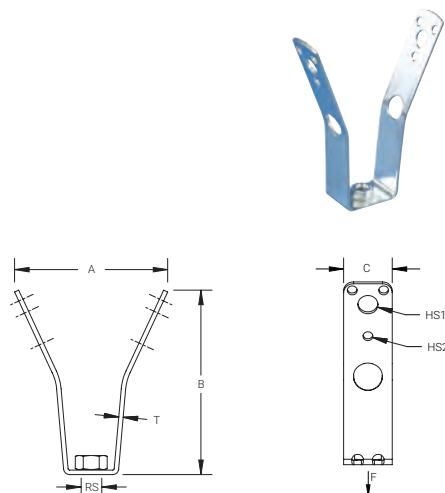
- Requires separate cross bolt and nut
- Use TDHP perforation tool to punch hole in decking

Ceiling Thickness	Static Load F
0,63 mm - 0,70 mm	600 N
0,71 mm - 0,80 mm	700 N
0,81 mm - 1,00 mm	800 N
1,01 mm - 1,20 mm	1000 N
1,21 mm - 1,50 mm	1200 N
> 1,50 mm	1500 N

Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	A	B	B	Thickness	Hole Size 1	Hole Size 2
TBHGM10	597588	M10	100 mm	120 mm	25 mm	2.5 mm	11 mm	6 mm
TBHGM8	597587	M8	100 mm	120 mm	25 mm	2.5 mm	11 mm	6 mm



TBHK TRAPEZOIDAL DECK HANGER

FEATURES

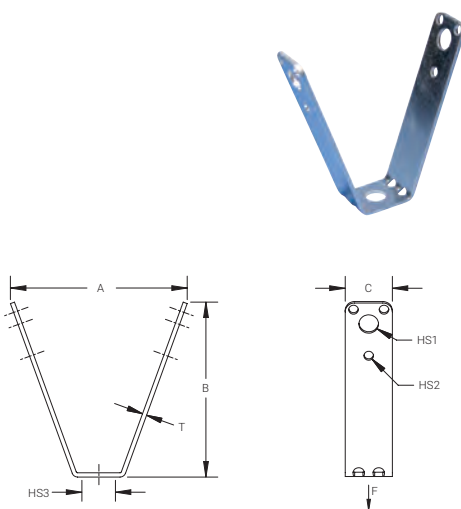
- Requires separate cross bolt and nut
- Use TDHP perforation tool to punch hole in decking

Ceiling Thickness	Static Load F
0,63 mm - 0,70 mm	600 N
0,71 mm - 0,80 mm	700 N
0,81 mm - 1,00 mm	800 N
1,01 mm - 1,20 mm	1000 N
1,21 mm - 1,50 mm	1200 N
> 1,50 mm	1500 N

Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	A	B	C	Thickness	Hole Size 1	Hole Size 2	Hole Size 3
TBHK	597581	97 mm	91.5 mm	25 mm	2.5 mm	10.5 mm	5 mm	10.5 mm



Structural Attachments

DECK

TBHK A TRAPEZOIDAL DECK HANGER WITH ROTATING NUT

FEATURES

- Requires separate cross bolt and nut
- Use TDHP perforation tool to punch hole in decking

Ceiling Thickness	Static Load F
0,63 mm - 0,70 mm	600 N
0,71 mm - 0,80 mm	700 N
0,81 mm - 1,00 mm	800 N
1,01 mm - 1,20 mm	1000 N
1,21 mm - 1,50 mm	1200 N
> 1,50 mm	1500 N

Material: Steel
Finish: Electrogalvanized



Part Number	Article Number	Rod Size	A	B	C	Thickness	Hole Size 1	Hole Size 2	Certifications
TBHKAM10	597585	M10	97 mm	91.5 mm	25 mm	2.5 mm	10.5 mm	5 mm	FM, VdS
TBHKAM8	597584	M8	97 mm	91.5 mm	25 mm	2.5 mm	10.5 mm	5 mm	VdS

TBHKM TRAPEZOIDAL DECK HANGER WITH FIXED NUT

FEATURES

- Requires separate cross bolt and nut
- Use TDHP perforation tool to punch hole in decking

Ceiling Thickness	Static Load F
0,63 mm - 0,70 mm	600 N
0,71 mm - 0,80 mm	700 N
0,81 mm - 1,00 mm	800 N
1,01 mm - 1,20 mm	1000 N
1,21 mm - 1,50 mm	1200 N
> 1,50 mm	1500 N

Material: Steel
Finish: Electrogalvanized



Part Number	Article Number	Rod Size	A	B	C	Thickness	Hole Size 1	Hole Size 2	Certifications
TBHKM10	597583	M10	97 mm	91.5 mm	25 mm	2.5 mm	10.5 mm	5 mm	FM, VdS
TBHKM8	597582	M8	97 mm	91.5 mm	25 mm	2.5 mm	10.5 mm	5 mm	VdS

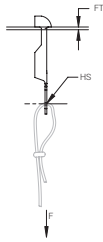
Structural Attachments

DECK

EER TRAPEZOIDAL DECK HANGER

FEATURES

- Supports wire from decking



Material: Spring Steel
Finish: Armour

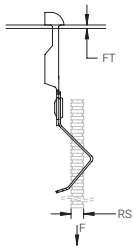
Part Number	Article Number	Flange Thickness	Hole Size	Drill Bit Diameter	Static Load 1	Static Load 2	Standard Packaging Quantity
EER	171470	0.8 – 3.0 mm	6.8 mm	7 mm	450 N	900 N	100 pc

Static Load 1 represents 0.8 - 2.0 mm flange thickness. Static Load 2 represents 2.0 - 3.0 mm flange thickness.

EER-MA TRAPEZOIDAL DECK ROD HANGER

FEATURES

- Supports rod from decking



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Rod Size	Flange Thickness	Drill Bit Diameter	Static Load 1	Static Load 2
EERMAM10	173190	M10	0.8 – 3.0 mm	7 mm	450 N	700 N
EERMAM6	173170	M6	0.8 – 3.0 mm	7 mm	450 N	600 N
EERMAM8	173180	M8	0.8 – 3.0 mm	7 mm	450 N	700 N

Static Load 1 represents 0.8 - 2.0 mm flange thickness. Static Load 2 represents 2.0 - 3.0 mm flange thickness.

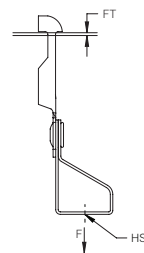
Structural Attachments

DECK

EER-TI/T TRAPEZOIDAL DECK THREADED ROD HANGER

FEATURES

- Supports rod from decking
- Thread impression for simple installation



Material: Spring Steel

Finish: Armour

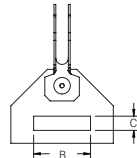
Part Number	Article Number	Hole Size	Hole Type	Flange Thickness	Drill Bit Diameter	Static Load 1	Static Load 2
EERT10	160250	11 mm	Plain	0.8 – 3.0 mm	7 mm	450 N	900 N
EERTIM10	173140	M10	Threaded	0.8 – 3.0 mm	7 mm	450 N	900 N
EERTIM6	173120	M6	Threaded	0.8 – 3.0 mm	7 mm	450 N	900 N
EERTIM8	173130	M8	Threaded	0.8 – 3.0 mm	7 mm	450 N	900 N

Static Load 1 represents 0.8 - 2.0 mm flange thickness. Static Load 2 represents 2.0 - 3.0 mm flange thickness.

EERS TRAPEZOIDAL DECK STRAP HANGER

FEATURES

- Supports straps from decking



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Flange Thickness	B	C	Drill Bit Diameter	Static Load 1	Static Load 2
EERS	173080	0.8 – 3.0 mm	25 mm	6 mm	7 mm	450 N	900 N

Static Load 1 represents 0.8 - 2.0 mm flange thickness. Static Load 2 represents 2.0 - 3.0 mm flange thickness.

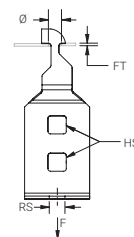
Structural Attachments

DECK

VKR TRAPEZOIDAL DECK HANGER

FEATURES

- Supports wire from decking



Material: Spring Steel

Finish: Armour

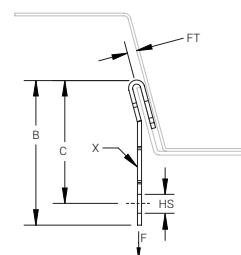
Part Number	Article Number	Rod Size	Flange Thickness	Hole Size	Diameter	Static Load 1	Static Load 2	Standard Packaging Quantity
M10VKR	160660	M10	0.8 – 3.0 mm	7 mm	7 mm	450 N	900 N	100 pc
M6VKR	160640	M6	0.8 – 3.0 mm	7 mm	7 mm	450 N	600 N	100 pc
M8VKR	160650	M8	0.8 – 3.0 mm	7 mm	7 mm	450 N	900 N	100 pc

Static Load 1 represents 0.8 - 2.0 mm flange thickness. Static Load 2 represents 2.0 - 3.0 mm flange thickness.

OCDC DECK HANGER

FEATURES

- Provide a mobile mounting hole
- Attached to decking



Material: Steel

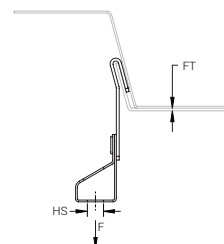
Finish: Armour

Part Number	Article Number	Hole Size	Flange Thickness	B	C	X	Static Load
OCDC68MM	160700	6.8 mm	1.0 – 2.5 mm	54 mm	46 mm	13 x 8.5 mm	400 N

OCDC-TI/T DECK THREADED ROD HANGER

FEATURES

- Suspends plain rod, threaded rod and wire drops from decking



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Hole Size	Hole Type	Flange Thickness	Static Load
OCDCTI11MM	160740	11 mm	Plain	1.0 – 2.5 mm	400 N
OCDCTIM10	160730	M10	Threaded	1.0 – 2.5 mm	400 N
OCDCTIM6	160710	M6	Threaded	1.0 – 2.5 mm	400 N
OCDCTIM8	160720	M8	Threaded	1.0 – 2.5 mm	400 N

Structural Attachments

DECK

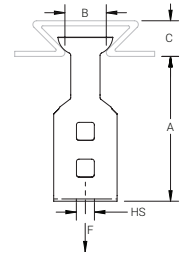
GTD DOVETAIL DECK HANGER

FEATURES

- Supports rod from decking
- Installs between channels

Material: Spring Steel

Finish: Armour

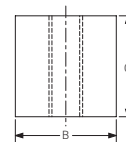
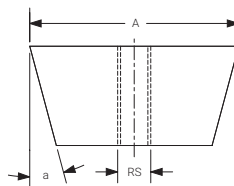
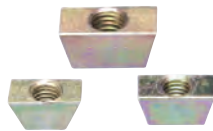


Part Number	Article Number	Hole Size	Hole Type	A	B	C	Static Load
M10GTD1217	160340	M10	Threaded	55 mm	12 – 17 mm	14 mm Min	900 N
M10GTD1722	160370	M10	Threaded	55 mm	17 – 22 mm	16 mm Min	900 N

HW WEDGE NUT FOR DOVETAIL DECK HANGER

FEATURES

- Trapeze nut for hanging from steel ceilings
- Installs easily
- Fits several composite floor decking profiles



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Angle	A	B	C	Static Load
HW10	187290	M10	15°	25 mm	12.0 mm	12.0 mm	2,100 N
HW10SR	188820	M10	12°	21 mm	13.0 mm	10.0 mm	2,100 N
HW6	187270	M6	15°	25 mm	12.0 mm	12.0 mm	1,200 N
HW6M	188740	M6	15°	19 mm	9.5 mm	9.5 mm	1,200 N
HW6SR	188760	M6	12°	21 mm	13.0 mm	10.0 mm	1,200 N
HW6ST	188770	M6	15°	25 mm	9.5 mm	9.5 mm	1,200 N
HW8	187280	M8	15°	25 mm	12.0 mm	12.0 mm	1,700 N
HW8M	188780	M8	15°	19 mm	9.5 mm	9.5 mm	1,700 N
HW8SR	188800	M8	12°	21 mm	13.0 mm	10.0 mm	1,700 N
HW8ST	188810	M8	15°	25 mm	9.5 mm	9.5 mm	1,700 N
PHW6	188840	M6	25°	18 mm	9.5 mm	9.5 mm	1,200 N
PHW8	188850	M8	25°	18 mm	9.5 mm	9.5 mm	1,700 N
PHWC6	196240	M6	25°	18 mm	9.5 mm	9.5 mm	1,200 N
PHWC8	196250	M8	25°	18 mm	9.5 mm	9.5 mm	1,700 N

Structural Attachments

WALL/CEILING

AB-C CEILING TO ROD MOUNTING BRACKET

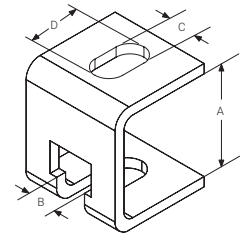
FEATURES

- Allows rod with pre mounted nuts to be installed from the side

Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	A	B	C	D
ABCM8M10	589300	45 mm	12 mm	10.5 mm	20 mm



DH DISTANT HOLDER

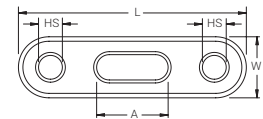
FEATURES

- Double with one slot and two threaded holes

Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Hole Size	Length	Width	A
DH55EG	588375	M8	76.5 mm	20.5 mm	24 mm
DH65EG	588376	M8	85.0 mm	20.5 mm	24 mm
DH85EG	588377	M8	105.0 mm	20.5 mm	24 mm



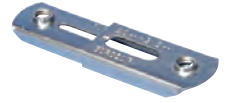
Structural Attachments

WALL/CEILING

DS ADJUSTABLE DISTANT HOLDER

FEATURES

- Double with one slot and two threaded holes



Material: Steel

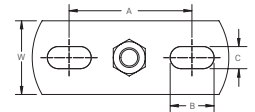
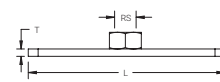
Finish: Electrogalvanized

Part Number	Article Number	Hole Size	Length
DHX5095EG	400722	M8	50 – 95 mm

PBF TWO HOLE BASE PLATE FOR THREADED ROD

FEATURES

- Light duty with two holes and one nut/adaptor



Part Number	Article Number	Rod Size	Length	Width	Thickness	A	B	C
Material: Stainless Steel 316 (EN 1.4401)								
PBRM8M10L70S6	587175	M8, M10	70 mm	33 mm	2 mm	48 mm	10 mm	8 mm
Material: Steel – Finish: Electrogalvanized								
PBRM10L120	587160	M10	120 mm	40 mm	4 mm	81 mm	18 mm	11 mm
PBRM10L80	587135	M10	80 mm	30 mm	3 mm	50 mm	18 mm	9 mm
PBRM12L120	587165	M12	120 mm	40 mm	4 mm	81 mm	18 mm	11 mm
PBRM16L120	587180	M16	120 mm	40 mm	4 mm	81 mm	18 mm	11 mm
PBRM8L120	587150	M8	120 mm	40 mm	4 mm	81 mm	18 mm	11 mm
PBRM8L80	587155	M8	80 mm	30 mm	3 mm	50 mm	18 mm	9 mm
PBRM8M10L120	587140	M8, M10	120 mm	40 mm	4 mm	81 mm	18 mm	11 mm
PBRM8M10L80	587145	M8, M10	80 mm	30 mm	3 mm	50 mm	18 mm	9 mm

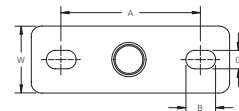
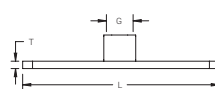
Structural Attachments

WALL/CEILING

PBF TWO HOLE BASE PLATE FOR THREADED PIPE

FEATURES

- Medium duty with two holes and one nut/adaptor



Material: Steel

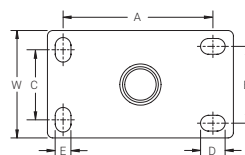
Finish: Electrogalvanized

Part Number	Article Number	Gewinde	Length	Width	Thickness	A	B	C
PBT050L120	587120	1/2"	120 mm	40 mm	4 mm	81 mm	18 mm	11 mm
PBT050L80	587125	1/2"	80 mm	30 mm	3 mm	50 mm	18 mm	9 mm
PBT075L120	587130	3/4"	120 mm	40 mm	4 mm	81 mm	18 mm	11 mm
PBT100L120	587131	1"	120 mm	40 mm	4 mm	81 mm	18 mm	11 mm

PBF FOUR HOLE BASE PLATE FOR THREADED PIPE

FEATURES

- Heavy duty with four holes and one nut/adaptor



Material: Steel

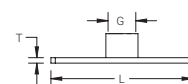
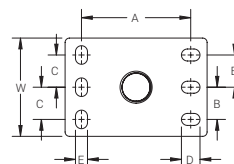
Finish: Electrogalvanized

Part Number	Article Number	Gewinde	Length	Width	Thickness	A	B	C	D	E
PBH050L130	587450	1/2"	130 mm	75 mm	5 mm	100 mm	44 mm	44 mm	17 mm	11 mm
PBH075L130	587460	3/4"	130 mm	75 mm	5 mm	100 mm	44 mm	44 mm	17 mm	11 mm

PBF SIX HOLE BASE PLATE FOR THREADED PIPE

FEATURES

- Heavy duty with six holes and one nut/adaptor



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Gewinde	Length	Width	Thickness	A	B	C	D	E
PBH100L130	587470	1"	130 mm	100 mm	5 mm	100 mm	31 mm	31 mm	20 mm	12.5 mm

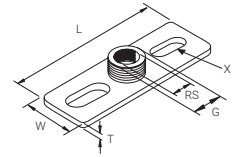
Structural Attachments

WALL/CEILING

PBM FOUR HOLE BASE PLATE FOR THREADED PIPE AND ROD

FEATURES

- Contains two holes and one combination adapter for threaded hole and male pipe thread

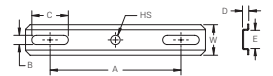
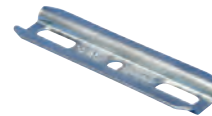


Part Number	Article Number	Rod Size	Gewinde	Length	Width	Thickness	X
Material: Stainless Steel 316 (EN 1.4401)							
PBXM10L70S6	587030	M10	1/2"	70 mm	33 mm	4.0 mm	8 x 13 mm
PBXM12L100S6	587040	M12	3/4"	100 mm	40 mm	4.0 mm	8 x 13 mm
Material: Steel – Finish: Electrogalvanized							
PBXM10L100	586840	M10	1/2"	100 mm	40 mm	3.5 mm	8.5 x 20 mm
PBXM10L70	586830	M10	1/2"	70 mm	33 mm	2.5 mm	8.5 x 20 mm

PD ONE HOLE PLATE

FEATURES

- Mounting bracket with two slots and one hole



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Hole Size	Width	A	B	C	D	E
PD100EG	576990	8.5 mm	28 mm	100 mm	8.5 mm	20 mm	6.5 mm	13.5 mm
PD120EG	577000	8.5 mm	28 mm	120 mm	8.5 mm	20 mm	6.5 mm	13.5 mm
PD80EG	576980	8.5 mm	28 mm	80 mm	8.5 mm	20 mm	6.5 mm	13.5 mm

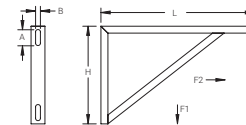
Structural Attachments

WALL/CEILING

TRIANGULAR WALL BRACKET, FOUR/TWO HOLE

FEATURES

- Triangular shaped welded bracket manufactured from hot rolled steel
- Perforated on two sides
- Suitable for installation in two directions



Material: Steel

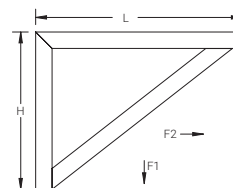
Finish: Hot-Dip Galvanized

Part Number	Article Number	Height	Length	A	B	Static Load 1	Static Load 2
SCT03	312198	350 mm	550 mm	57.5 mm	17.5 mm	4,000 N	8,000 N

TRIANGULAR WALL BRACKET, FOUR/THREE HOLE

FEATURES

- Triangular shaped welded bracket manufactured from hot rolled steel
- Perforated on two sides
- Suitable for installation in two directions



Material: Steel

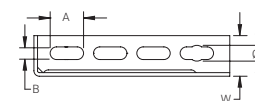
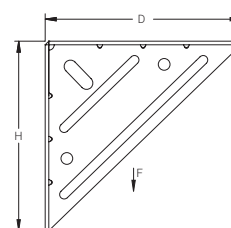
Finish: Hot-Dip Galvanized

Part Number	Article Number	Height	Length	A	B	Static Load 1	Static Load 2
SCT02	312197	240 mm	315 mm	57.5 mm	17.5 mm	4,000 N	8,000 N

TRIANGULAR WALL BRACKET, FOUR/FOUR HOLE

FEATURES

- Triangular shaped welded bracket manufactured from hot rolled steel
- Perforated on two sides
- Suitable for installation in two directions



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Depth	Height	Width	Diameter	A	B	Static Load
SCT01	312196	210 mm	210 mm	45 mm	17.5 mm	37 mm	14 mm	6,000 N

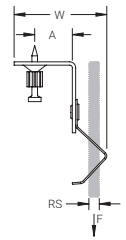
Structural Attachments

ROD/WIRE

PUSH INSTALL ROD HANGER WITH SHOT-FIRE BRACKET

FEATURES

- Suspends threaded rod without the need for additional hardware
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc



Material: Steel, Spring Steel

Finish: Electrogalvanized, Armour

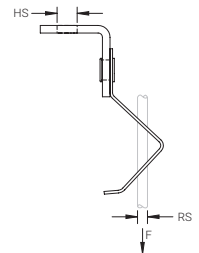
Part Number	Article Number	Rod Size	Width	A	Static Load
M8MASF	173445	M8	56.4 mm	22.2 mm	440 N

Uses Powers Fasteners, Inc. part number 50032. Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 Mpa) lightweight concrete. For variations in embedment and material please consult www.powers.com. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers. For shot-fired supports in seismic design category D, E, or F, maximum load is the lesser of 90 lb (400 N) or the published load.

PUSH INSTALL ROD HANGER WITH ANGLE BRACKET

FEATURES

- Suspends rod from horizontal structures such as laminated wood or concrete beams, joists, ceilings and walls



Material: Spring Steel

Finish: Armour

Part Number	Article Number	Rod Size	Hole Size	Static Load
M10MAB	173450	M10	7 mm	700 N
M6MAB	173430	M6	7 mm	600 N
M8MAB	173440	M8	7 mm	700 N

Loads indicated are for nVent CADDY Fasteners only. Method of attachment to structure must be evaluated separately.

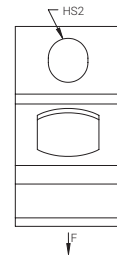
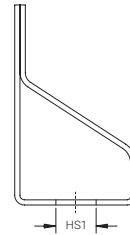
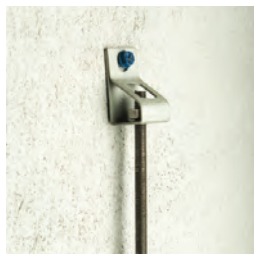
Structural Attachments

ROD/WIRE

THREAD INSTALL ROD HANGER

FEATURES

- Supports wire or rod from block or concrete walls



Material: Spring Steel

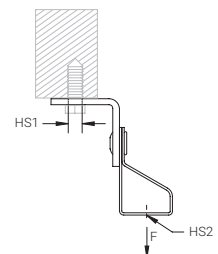
Finish: Armour

Part Number	Article Number	Hole Size 1	Hole Type 1	Hole Size 2	Hole Type 2	Static Load
M10T	160260	11 mm	Plain	7 mm	Plain	700 N
M10TI	170910	M10	Threaded	7 mm	Plain	700 N
M6TI	174800	M6	Threaded	7 mm	Plain	700 N
M8TI	170900	M8	Threaded	7 mm	Plain	700 N

THREAD INSTALL ROD HANGER WITH ANGLE BRACKET

FEATURES

- Suspends threaded rod from horizontal structures such as laminated wood or concrete beams, joists, ceilings and walls



Material: Spring Steel, Steel

Finish: Armour, Pregalvanized

Part Number	Article Number	Hole Size 1	Hole Type 1	Hole Size 2	Hole Type 2	Static Load
M10TB	160280	7 mm	Plain	11 mm	Plain	700 N
M10TIB	175030	7 mm	Plain	M10	Threaded	700 N
M6TIB	174850	7 mm	Plain	M6	Threaded	700 N
M8TIB	174940	7 mm	Plain	M8	Threaded	700 N

Loads indicated are for nVent CADDY Fasteners only. Method of attachment to structure must be evaluated separately.

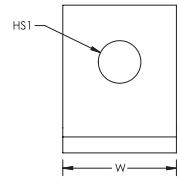
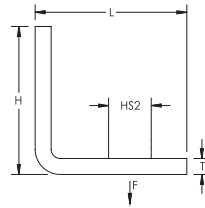
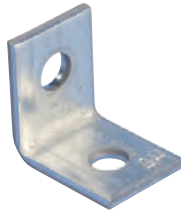
Structural Attachments

ROD/WIRE

ANGLE BRACKET

FEATURES

- Provides an attachment for Speed Link assemblies, wire, threaded rod, S-hooks, or chain from concrete or wood



Material: Steel

Finish: Pregalvanized

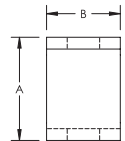
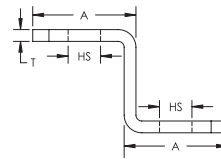


Part Number	Article Number	Hole Size 1	Hole Size 2	Height	Length	Width	Thickness	Static Load
AB	171120	6.3 mm	6.3 mm	25.3 mm	25.3 mm	19 mm	2.74 mm	700 N

Z-BRACKET

FEATURES

- Allows threaded rod or chain drops from ceilings or structure



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Hole Size	A	B	Thickness
ZB11MM35X35	387975	11 mm	35 mm	25 mm	4 mm

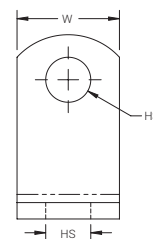
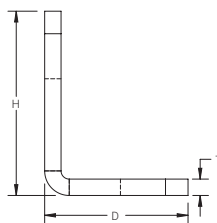
Structural Attachments

ROD/WIRE

L-BRACKET

FEATURES

- Allows threaded rod or chain drops from walls or structure



Material: Steel

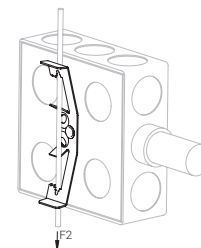
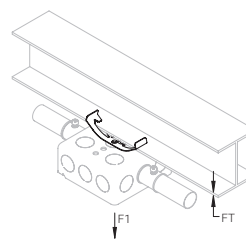
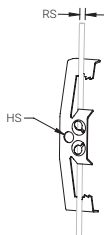
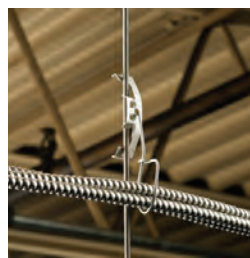
Finish: Pregalvanized

Part Number	Article Number	Hole Size	Depth	Height	Width	Thickness
AB11MM35X35	387976	11 mm	35 mm	45 mm	25 mm	4 mm

MULTI-FUNCTION CLIP

FEATURES

- Provides attachment of conduit and boxes
- Supports #10-24 and 1/4-20 threaded bridle rings



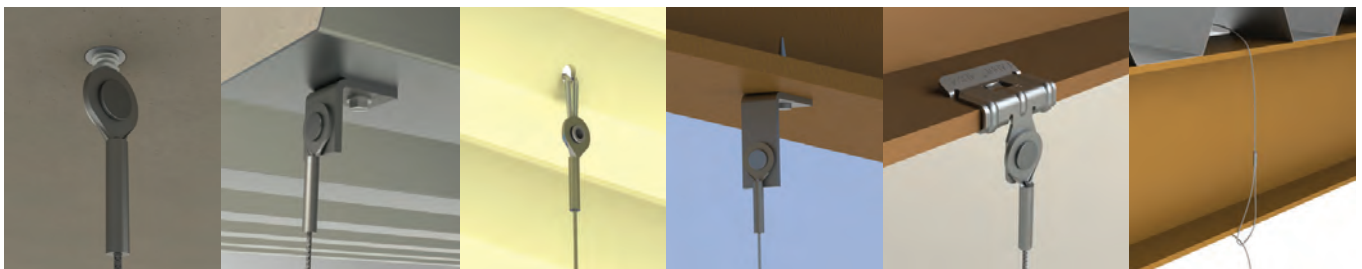
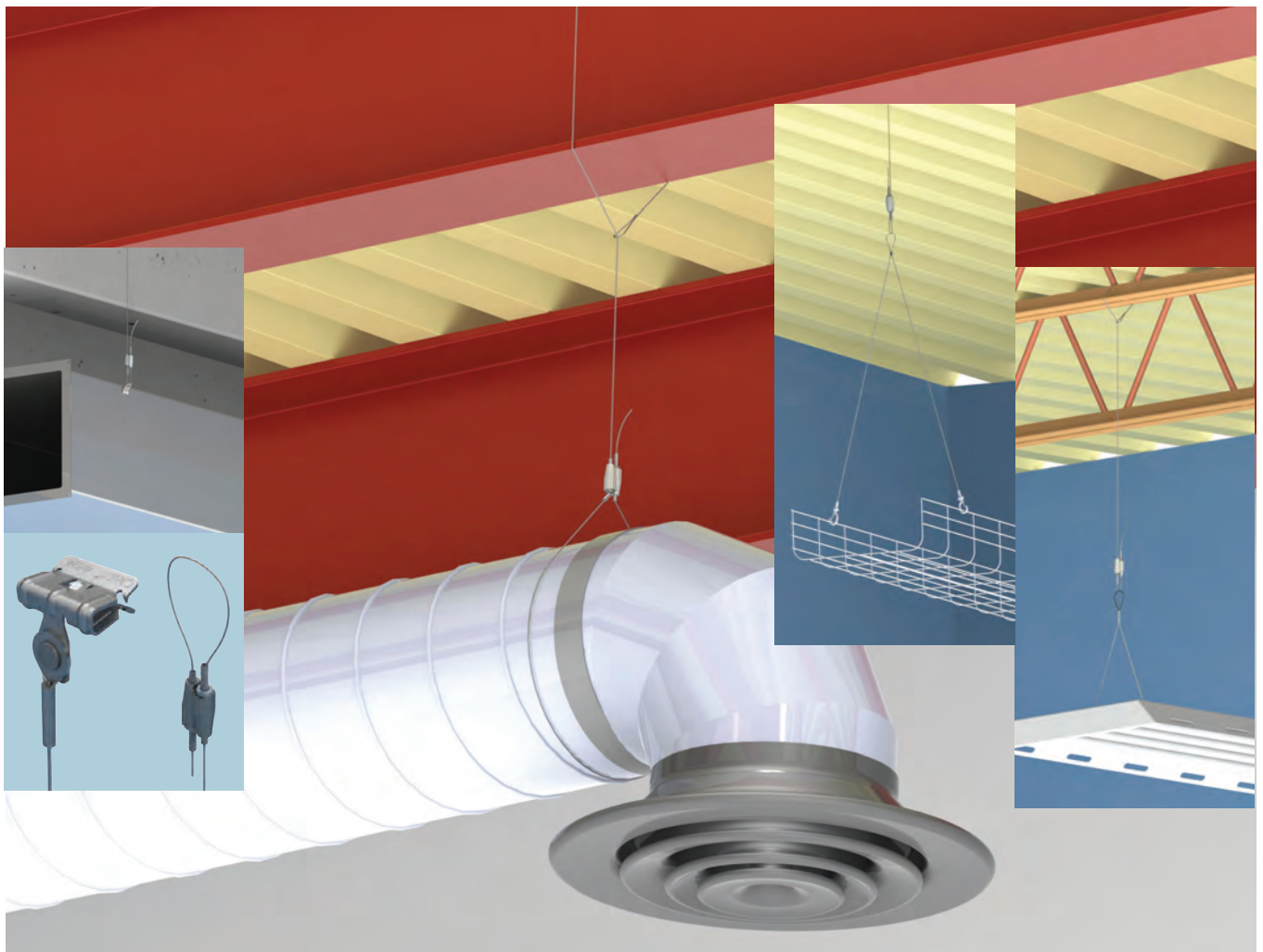
Material: Spring Steel

Finish: Armour



Part Number	Article Number	Rod Size	Wire Size	Flange Thickness	Hole Size	Screw Included	Static Load 1	Static Load 2	Standard Packaging Quantity
4Z34	170650	M4, M6	4.8 mm	3 – 9 mm	6.5 mm	No	110 N	90 N	100 pc
6Z34	170720	M8, M10		9 – 11 mm	6.5 mm	No	110 N	90 N	100 pc

NEC® 300.11 requires dedicated drop wire/rod and EC311.



SPEED LINK SLK System

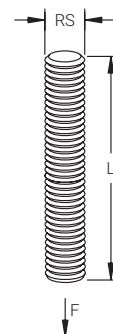
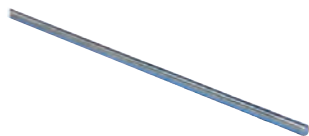
The Speed Link SLK system provides a versatile overhead support solution that is easy to adjust and installs quickly to almost any structure. The system supports a wide range of applications, including ductwork, pipe and tube, cable tray, lighting, conduit, strut profiles and signage from overhead structural building members. It is available with a variety of specialty end fittings for the most common building structure types, a range of wire rope diameters and lengths, and includes a unique keyless locking device.

- Push/pull keyless release allows easy adjustments
- Range includes solutions for both 1.5 mm and 2 mm cables as well as larger 3 mm cables for higher load applications
- Low-profile locking device minimizes visual impact
- Cable spread of 90 degrees allows positioning the device closer to the load
- Keyless release tubes are easy to operate while wearing gloves
- Double-sided locking mechanism enables simple height adjustment
- Individual packaging holds wire rope neatly until objects are ready to install

Structural Attachments

FASTENERS/HARDWARE

THREADED ROD



Part Number	Article Number	Rod Size	Length	Static Load
Material: Stainless Steel 304 (EN 1.4301) — Quality Class: 70				
050M101000S4	592740	M10	1 m	7,000 N
050M102000S4	592750	M10	2 m	7,000 N
050M121000S4	592760	M12	1 m	10,000 N
050M122000S4	592770	M12	2 m	10,000 N
050M61000S4	592700	M6	1 m	2,400 N
050M62000S4	592710	M6	2 m	2,400 N
050M81000S4	592720	M8	1 m	4,500 N
050M82000S4	592730	M8	2 m	4,500 N
Material: Steel — Finish: ElectrogalvanizedQuality Class — 4.6:				
050M101000	592610	M10	1 m	7,000 N
050M102000	592620	M10	2 m	7,000 N
050M103000	592670	M10	3 m	7,000 N
050M121000	592630	M12	1 m	10,000 N
050M122000	592640	M12	2 m	10,000 N
050M123000	592680	M12	3 m	10,000 N
050M161000	400332	M16	1 m	18,000 N
050M61000	592570	M6	1 m	2,400 N
050M62000	592580	M6	2 m	2,400 N
050M63000	592650	M6	3 m	2,400 N
050M81000	592590	M8	1 m	4,500 N
050M82000	592600	M8	2 m	4,500 N
050M83000	592660	M8	3 m	4,500 N
Material: Steel — Finish: Hot-Dip GalvanizedQuality Class — 4.6:				
050M101000HD	592615	M10	1 m	7,000 N
050M121000HD	592635	M12	1 m	10,000 N

Structural Attachments

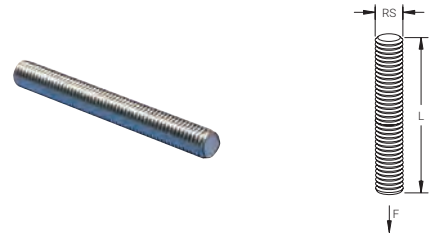
FASTENERS/HARDWARE

THREADED STUD

FEATURES

- Pre-cut lengths of threaded rod

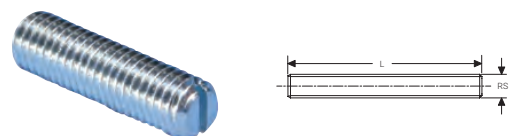
Material: Steel
Finish: Electrogalvanized
Quality Class: 4.6



Part Number	Article Number	Rod Size	Length
051M10025	400345	M10	25 mm
051M10040	400346	M10	40 mm
051M10060	400347	M10	60 mm
051M10070	593495	M10	70 mm
051M10080	400349	M10	80 mm
051M10090	593505	M10	90 mm
051M10100	400351	M10	100 mm
051M10120	593515	M10	120 mm
051M10150	593516	M10	150 mm
051M12040	400355	M12	40 mm
051M12080	400357	M12	80 mm
051M12100	400359	M12	100 mm
051M8025	400336	M8	25 mm
051M8040	400337	M8	40 mm
051M8060	400338	M8	60 mm
051M8070	593465	M8	70 mm
051M8080	400340	M8	80 mm
051M8090	593475	M8	90 mm
051M8100	400342	M8	100 mm
051M8120	593476	M8	120 mm
051M8150	593477	M8	150 mm
051M8200	593478	M8	200 mm

THREADED STUD WITH SLOT

Material: Steel
Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Length
051SM10040	593480	M10	40 mm
051SM10050	593490	M10	50 mm
051SM12050	593520	M12	50 mm
051SM8020	593430	M8	20 mm
051SM8030	593440	M8	30 mm
051SM8050	593450	M8	50 mm

Structural Attachments

FASTENERS/HARDWARE

EXTERNALLY THREADED PIPE



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Gewinde	Length
ETP050	583550	1/2"	2 m
ETP075	583560	3/4"	2 m
ETP100	583570	1"	2 m

INTERNALLY THREADED PIPE



Material: Steel
Finish: Electrogalvanized

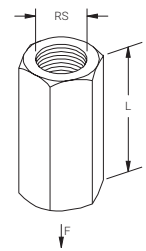
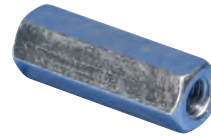
Part Number	Article Number	Gewinde	Length
ITP050	588660	1/2"	115 cm
ITP075	588670	3/4"	115 cm

Structural Attachments

FASTENERS/HARDWARE

EM-HEX ROD COUPLER

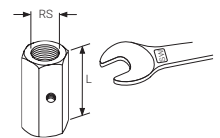
Material: Steel
Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Length	Static Load
025M10EG	592350	M10	30 mm	2,800 N
025M12EG	592335	M12	30 mm	4,000 N
025M16EG	592336	M16	30 mm	7,000 N
025M6EG	592305	M6	30 mm	900 N
025M8EG	592340	M8	30 mm	1,800 N

EM HEXI ROD COUPLER WITH INSPECTION HOLE

Material: Steel
Finish: Electrogalvanized

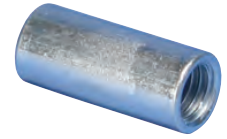


Part Number	Article Number	Rod Size	Length	Wrench Size
025IM10EG	592356	M10	30 mm	17 mm
025IM12EG	592357	M12	30 mm	19 mm
025IM16EG	592358	M16	32 mm	24 mm
025IM8EG	592355	M8	30 mm	13 mm

Structural Attachments

FASTENERS/HARDWARE

EM ROUND ROD CONNECTOR



Part Number	Article Number	Rod Size	Length
Material: Stainless Steel 304 (EN 1.4301)			
025DM10S4	401146	M10	40 mm
025DM8S4	401145	M8	30 mm
Material: Steel – Finish: Electrogalvanized			
025DM10EG	592320	M10	30 mm
025DM12EG	592330	M12	30 mm
025DM16EG	592331	M16	40 mm
025DM6EG	592300	M6	30 mm
025DM8EG	592310	M8	30 mm

AB THREADED PIPE CONNECTOR FOR HD PIPE CLAMPS

FEATURES

- Connects threaded pipe to HDPC pipe clamps and PES expansion slides
- Consists of stud and hex connector



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Rod Size 1	Rod Size 2
HDPCABM10050	402163	M10	1/2"
HDPCABM12050	402164	M12	1/2"
HDPCABM12075	402165	M12	3/4"
HDPCABM12100	402166	M12	1"
HDPCABM16050	402167	M16	1/2"
HDPCABM16075	402168	M16	3/4"
HDPCABM16100	402169	M16	1"

Structural Attachments

FASTENERS/HARDWARE

MALE-MALE THREADED ADAPTOR



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Length
MMTA015	588380	M8	15 mm
MMTA025	588381	M8	25 mm
MMTA035	588382	M8	35 mm
MMTA045	588383	M8	45 mm
MMTA055	588384	M8	55 mm

MALE-MALE THREADED ADAPTOR WITH COLLAR



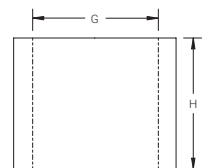
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Length
MMTC025	401124	M8	26 mm

PIPE THREAD CONNECTOR

FEATURES

- Connect threaded pipe to PX pipe clamps
- Female-to-female connector

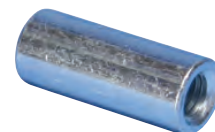


Part Number	Article Number	Gewinde	Height
Material: Stainless Steel 316 (EN 1.4401)			
PTC050S6	578800	1/2"	18 mm
PTC075S6	578810	3/4"	20 mm
Material: Steel — Finish: Electrogalvanized			
PTC050EG	578730	1/2"	18 mm

Structural Attachments

FASTENERS/HARDWARE

RFF ROUND ROD REDUCER



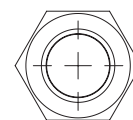
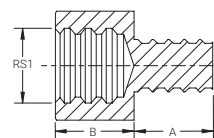
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Rod Size 1	Rod Size 2	Length
RFFM10M12	583890	M10	M12	40 mm
RFFM8M10	583870	M8	M10	40 mm
RFFM8M12	583880	M8	M12	40 mm

RMF HEX MALE-FEMALE REDUCER

FEATURES

- Hexagonal shape



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Rod Size 1	Rod Size 2	A	B
RMFM10M12	583760	M10	M12	10 mm	14 mm
RMFM10M8	583750	M10	M8	8 mm	14 mm
RMFM12M10	583780	M12	M10	10 mm	15 mm
RMFM12M8	583770	M12	M8	8 mm	14 mm
RMFM6M8	583710	M6	M8	8 mm	12 mm
RMFM8M10	583730	M8	M10	9 mm	13 mm
RMFM8M12	583740	M8	M12	10 mm	13 mm
RMFM8M6	583720	M8	M6	8 mm	12 mm

Structural Attachments

FASTENERS/HARDWARE

3-WAY ADAPTOR BLOCK

FEATURES

- Zinc alloy body



Material: Steel

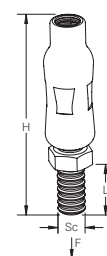
Finish: Electrogalvanized

Part Number	Article Number	Rod Size
UCM10	400736	M10
UCM8	400735	M8

RTU BALL SWIVEL

FEATURES

- Swivels up to 15°



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length	Height	Static Load
RTUM10	583590	M10	18 mm	75 mm	2,500 N
RTUM10L18	583610	M10	18 mm	85 mm	2,500 N
RTUM10L30	583630	M10	30 mm	85 mm	2,500 N
RTUM10L60	583640	M10	60 mm	115 mm	2,500 N
RTUM12L20	583620	M12	20 mm	95 mm	3,000 N
RTUM8	583580	M8	15 mm	56 mm	2,500 N
RTUM8L15	583600	M8	15 mm	66 mm	2,500 N

Structural Attachments

FASTENERS/HARDWARE

FIXTURE SUPPORT FROM PLAIN ROD/WIRE

FEATURES

- No tools required for installation
- Eliminates the use of nut and allows the use of plain rod



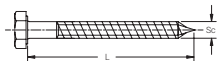
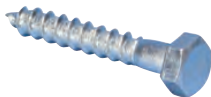
Material: Spring Steel
Finish: Armour

Part Number	Article Number	Rod Size
4MEBN	172100	4 mm
6MEBN	172120	6 mm
8MEBN	172130	8 mm

42 HEX HEAD LAG SCREW

FEATURES

- For use with wood structures



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Length
042H10100	400407	H10	100 mm
042H8050	400404	H8	50 mm
042H8065	400405	H8	65 mm
042H8080	400406	H8	80 mm

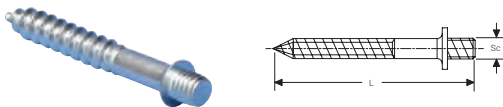
Structural Attachments

FASTENERS/HARDWARE

VDF C WOOD-TO-METAL DOWEL SCREW WITH COLLAR

FEATURES

- Wood dowel screw with metric thread connection with collar



Material: Steel

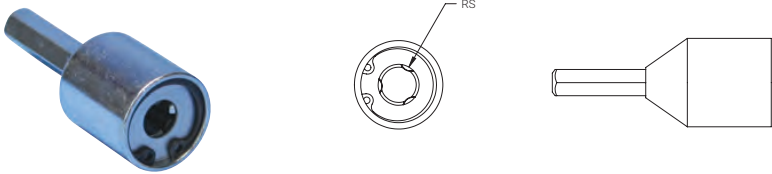
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length
VDFCM10045	583860	M10	45 mm
VDFCM6050	400697	M6	50 mm
VDFCM6080	400698	M6	80 mm
VDFCM8040	583850	M8	40 mm
VDFCM8050	593320	M8	50 mm
VDFCM8080	400700	M8	80 mm
VDFCM8100	400701	M8	100 mm
VDFCM8120	400702	M8	120 mm

VDF T DRIVE TOOL FOR DOWEL SCREWS

FEATURES

- Tool for screwing in wood thread dowel screws



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size
VDFTM10	401122	M10
VDFTM8	401121	M8

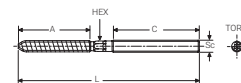
Structural Attachments

FASTENERS/HARDWARE

VDF TORX WOOD-TO-METAL SCREW WITH TORX® HEAD

FEATURES

- Wood dowel screw with metric thread connection
- TORX® head



Part Number	Article Number	Screw Diameter	Length	A	C	TORX®
Material: Stainless Steel 304 (EN 1.4301)						
VDFM10100S4	400482	M10	100 mm	55 mm	40 mm	T25
VDFM8050S4	400477	M8	50 mm	28 mm	15 mm	T25
VDFM8080S4	400478	M8	80 mm	40 mm	30 mm	T25
VDFM8100S4	400479	M8	100 mm	45 mm	40 mm	T25
Material: Steel – Finish: Electrogalvanized						
VDFM10050	593560	M10	50 mm	30 mm	18 mm	T25
VDFM10060	593330	M10	60 mm	30 mm	18 mm	T25
VDFM10080	593340	M10	80 mm	40 mm	30 mm	T25
VDFM10100	593350	M10	100 mm	60 mm	30 mm	T25
VDFM10110	593360	M10	110 mm	60 mm	40 mm	T25
VDFM10120	593370	M10	120 mm	60 mm	50 mm	T25
VDFM10150	593570	M10	150 mm	60 mm	50 mm	T25
VDFM10200	593580	M10	200 mm	60 mm	50 mm	T25
VDFM12100	400402	M12	100 mm	55 mm	30 mm	T30
VDFM12120	400403	M12	120 mm	55 mm	30 mm	T30
VDFM6050	400374	M6	50 mm	25 mm	20 mm	T15
VDFM8050	593270	M8	50 mm	40 mm	10 mm	T25
VDFM8060	593280	M8	60 mm	30 mm	20 mm	T25
VDFM8070	593290	M8	70 mm	30 mm	25 mm	T25
VDFM8080	593300	M8	80 mm	40 mm	30 mm	T25
VDFM8100	593310	M8	100 mm	40 mm	40 mm	T25
VDFM8120	593400	M8	120 mm	50 mm	50 mm	T25
VDFM8140	400385	M8	140 mm	50 mm	50 mm	T25
VDFM8150	593410	M8	150 mm	45 mm	50 mm	T25
VDFM8200	593420	M8	200 mm	50 mm	50 mm	T25

No HEX when length is 50.0 mm

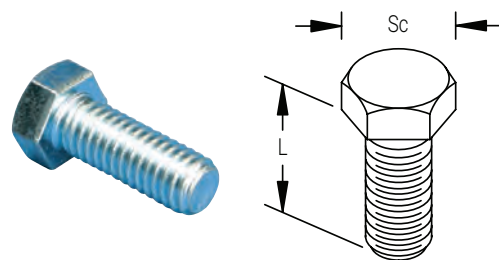
Structural Attachments

FASTENERS/HARDWARE

HEX HEAD BOLT

FEATURES

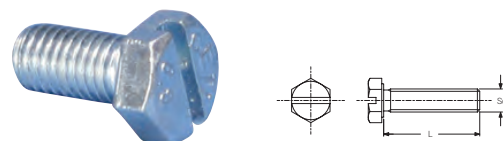
- Fully threaded hexagon head bolt



Material: Steel

Part Number	Article Number	Screw Diameter	Screw Length
Finish: Electrogalvanized			
HSCRM825EG	593680	M8	25 mm
Finish: Hot-Dip Galvanized			
HSCRM1025HD	593745	M10	25 mm
HSCRM1030HD	593755	M10	30 mm
HSCRM1230HD	593765	M12	30 mm

SLOTTED HEX HEAD BOLT



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length
THMFM1025	592860	M10	25 mm
THMFM1030	592870	M10	30 mm
THMFM816	592850	M8	16 mm

Structural Attachments

FASTENERS/HARDWARE

HEX HEAD BOLT WITH NUT

FEATURES

- Slotted Hex Head Bolt with Hex Nut



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Length
SNSM6020	400361	M6	20 mm
SNSM8025	400362	M8	25 mm

HEX NUT

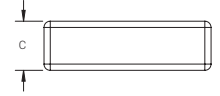
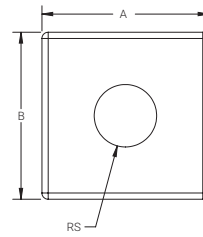
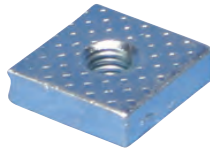


Part Number	Article Number	Rod Size
Material: Stainless Steel 304 (EN 1.4301)		
010M10S4	592150	M10
010M12S4	592160	M12
010M6S4	592130	M6
010M8S4	592140	M8
Material: Steel – Finish: Electrogalvanized		
010M10	592060	M10
010M12	592070	M12
010M16	400444	M16
010M6	592040	M6
010M8	592050	M8
Material: Steel – Finish: Hot-Dip Galvanized		
010M10HD	592065	M10
010M12HD	592075	M12

Structural Attachments

FASTENERS/HARDWARE

UNIVERSAL SQUARE NUT

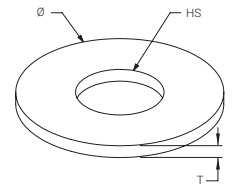


Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	A	B	C
VKM10	187330	M10	17 mm	17 mm	5 mm
VKM6	187310	M6	17 mm	17 mm	5 mm
VKM8	187320	M8	17 mm	17 mm	5 mm

FLAT WASHER



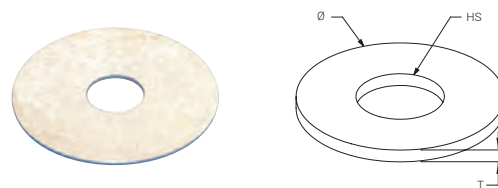
Part Number	Article Number	Hole Size	Diameter	Thickness
Material: Stainless Steel 304 (EN 1.4301)				
01106S4	592480	6.4 mm	12 mm	1.6 mm
01108S4	592490	8.4 mm	16 mm	1.6 mm
01110S4	592500	10.5 mm	20 mm	2.0 mm
01112S4	592510	13.0 mm	24 mm	2.5 mm
Material: Steel — Finish: Electrogalvanized				
01106EG	592390	6.4 mm	12 mm	1.6 mm
01108EG	592400	8.4 mm	16 mm	1.6 mm
01110EG	592410	10.5 mm	20 mm	2.0 mm
01112EG	592420	13.0 mm	24 mm	2.5 mm
01116EG	400448	17.0 mm	30 mm	3.0 mm
Material: Steel — Finish: Hot-Dip Galvanized				
01110HD	592415	10.5 mm	21 mm	2.0 mm
01112HD	592425	13.0 mm	24 mm	2.5 mm

Structural Attachments

FASTENERS/HARDWARE

LARGE WASHER

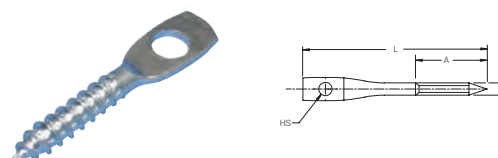
Material: Steel
Finish: Electrogalvanized



Part Number	Article Number	Hole Size	Diameter	Thickness
0120628	585200	6.4 mm	28 mm	2 mm
0120828	584596	8.4 mm	28 mm	2 mm
0120835	584598	8.4 mm	35 mm	3 mm
0120840	584600	8.4 mm	40 mm	3 mm
0121028	584597	10.5 mm	28 mm	2 mm
0121035	584599	10.5 mm	35 mm	3 mm
0121040	584610	10.5 mm	40 mm	3 mm
0121340	584611	13.0 mm	40 mm	3 mm
0121740	584612	17.0 mm	40 mm	3 mm
0122260	584613	22.0 mm	60 mm	4 mm

EB-H WOOD EYE BOLT

Material: Steel
Finish: Electrogalvanized

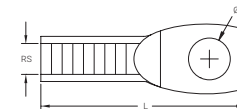


Part Number	Article Number	Screw Diameter	Screw Length	A	Hole Size
EYEBH5050EG	574300	H5	50 mm	20 mm	6.5 mm
EYEBH5065EG	574310	H5	65 mm	27 mm	6.5 mm
EYEBH6075EG	574320	H6	75 mm	27 mm	6.5 mm
EYEBH6090EG	574330	H6	90 mm	35 mm	6.5 mm
EYEBH6100EG	574340	H6	100 mm	35 mm	6.5 mm
EYEBH6120EG	574350	H6	120 mm	40 mm	6.5 mm
EYEBH6150EG	574360	H6	150 mm	40 mm	6.5 mm

Structural Attachments

FASTENERS/HARDWARE

ES EYE SOCKET

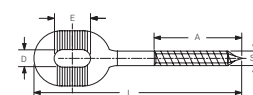


Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Length	Diameter
EYESM10EG	574270	M10	54 mm	10.0 mm
EYESM12EG	574280	M12	61 mm	12.5 mm
EYESM6EG	574250	M6	43 mm	6.0 mm
EYESM8EG	574260	M8	46 mm	8.0 mm

LLS-H SLOTTED WOOD EYE BOLT

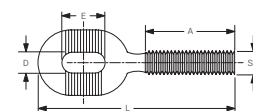


Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length	A	D	E
LLSH6X30	401129	H6	82 mm	30 mm	7 mm	14 mm

LLS-M SLOTTED EYE BOLT



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Length	A	D	E
LLSM6X25	401125	M6	60 mm	25 mm	6 mm	14 mm
LLSM8X30	401126	M8	80 mm	30 mm	9 mm	25 mm

Structural Attachments

FASTENERS/HARDWARE

OSM EYE BOLT



Material: Steel

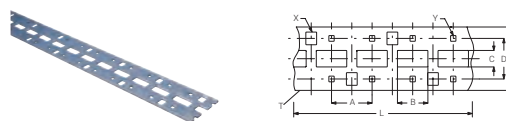
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Diameter	Screw Length
OSM10X30	336060	M10	14 mm	30 mm
OSM8X25	336050	M8	12 mm	25 mm

PERFORATED FLAT BAR

FEATURES

- Universal system to fix pipes and sanitary accessories to wall or ceiling
- Continuing hole pattern including most used hart-hart distances



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Length	Width	A	B	C	D	X	Y	Thickness
EIR2000	400747	2 m	50 mm	32 mm	24 mm	13 mm	32 mm	8.5 x 10 mm	4.2 x 4.5 mm	3 mm

MOUNTING CLIP FOR PERFORATED FLAT BAR



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size
EIRCM5	400749	M5
EIRCM8	400750	M8

Structural Attachments

FASTENERS/HARDWARE

MOUNTING PLATE WITH SCREW FOR PERFORATED FLAT BAR



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Rod Size
EIRCSM4	400748	M4

SOUND INSULATOR FOR PERFORATED FLAT BAR

FEATURES

- Can be mounted on Perforated Flat Bar or any other structure
- Reduces noise transmission in pipe installations
- Hole pattern is compatible with most elbow joints and valves



Material: Polyvinylchloride

Part Number	Article Number
EIRISO	401134

BENDING TOOL FOR PERFORATED FLAT BAR



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number
EIRTOOL	401135

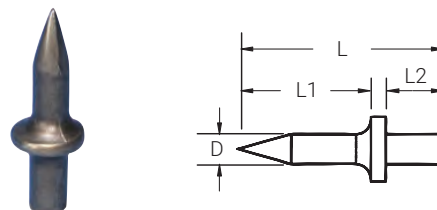
Structural Attachments

FASTENERS/HARDWARE

HIB CONCRETE NAIL WITH COLLAR

FEATURES

- For direct fixing into concrete



Material: Steel

Finish: Plain

Part Number	Article Number	Length	D	Length 1	Length 2
NAIL04X14	400426	24 mm	4 mm	14 mm	8 mm
NAIL04X18	400427	28 mm	4 mm	18 mm	8 mm

HIBT NAIL DRIVE TOOL

FEATURES

- Hammer In tool for HIB nails



Material: Steel, Polyvinylchloride

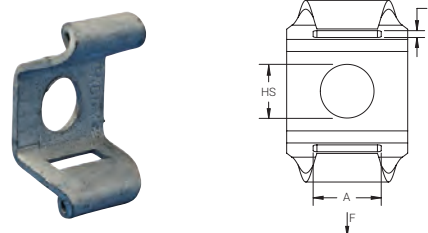
Finish: Electrogalvanized

Part Number	Article Number
NAILTOOL	400428

CABLE TIE FASTENER

FEATURES

- Can be attached to various nVent CADDY fasteners or screwed directly to a wall



Part Number	Article Number	Hole Size	A	B	Static Load
Material: Spring Steel – Finish: Armour					
CT	170450	8 mm	9 mm	2 mm	40 N
Material: Stainless Steel 301 (EN 1.4310)					
CTS1	171600	8 mm	9 mm	2 mm	40 N

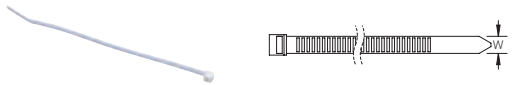
Structural Attachments

FASTENERS/HARDWARE

CABLE TIE, NYLON

FEATURES

- Secures low voltage cables



Material: Polyamide

Part Number	Article Number	Length	Width	Color
NCT290B	188140	290 mm	7.9 mm	Black
NCT290N	188130	290 mm	7.9 mm	White
NCT370B	188160	370 mm	7.9 mm	Black
NCT370N	188150	370 mm	7.9 mm	White

CABLE TIE, STAINLESS STEEL

FEATURES

- Cable tie used to secure low voltage cables



Material: Stainless Steel 316 (EN 1.4401)

Part Number	Article Number	Length	Width
MLT2HS6	188100	200 mm	7.9 mm

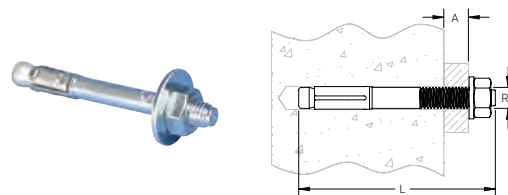
Structural Attachments

ANCHORS

BOLT EXPANSION ANCHOR

FEATURES

- Heavy duty wedge anchor
- For cracked and non-cracked concrete

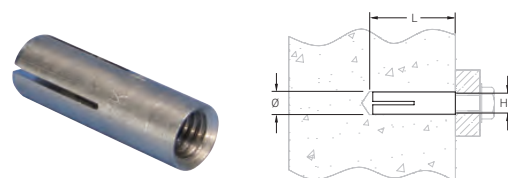


Part Number	Article Number	Rod Size	Length	A	Certifications
Material: Stainless Steel 316 (EN 1.4401)					
SABM10010S6	401152	M10	90 mm	10 mm	FM
SABM10050S6	401153	M10	130 mm	50 mm	FM
SABM8010S6	401150	M8	75 mm	10 mm	
SABM8050S6	401151	M8	115 mm	50 mm	
Material: Steel — Finish: Electrogalvanized					
SABM10010	400410	M10	90 mm	10 mm	FM
SABM10050	400411	M10	130 mm	50 mm	FM
SABM12015	402170	M12	110 mm	15 mm	FM
SABM12050	401158	M12	145 mm	50 mm	FM
SABM12085	401159	M12	180 mm	85 mm	FM
SABM16025	402171	M16	145 mm	25 mm	FM
SABM8010	400408	M8	75 mm	10 mm	
SABM8050	400409	M8	115 mm	50 mm	

DROP-IN ANCHOR

FEATURES

- Internal thread provides easy removal and serviceability
- Installs flush or below the base surface
- Use setting tool TCA/LA to drive expansion cone to set the anchor



Part Number	Article Number	Hole Size	Length	Diameter	Certifications
Material: Stainless Steel 316 (EN 1.4401)					
CAM10040S6	401155	M10	30 mm	12 mm	CE, FM
CAM12050S6	401156	M12	40 mm	15 mm	CE, FM
CAM16065S6	401157	M16	50 mm	20 mm	CE, FM
CAM8030S6	401154	M8	30 mm	10 mm	CE
Material: Steel — Finish: Electrogalvanized					
CAM10040	593200	M10	40 mm	12 mm	CE, FM
CAM12050	400415	M12	50 mm	15 mm	CE, FM
CAM16065	400416	M16	65 mm	20 mm	CE, FM
CAM6030	593180	M6	30 mm	8 mm	CE
CAM8030	593190	M8	30 mm	10 mm	CE
CAM8040	593195	M8	40 mm	10 mm	CE

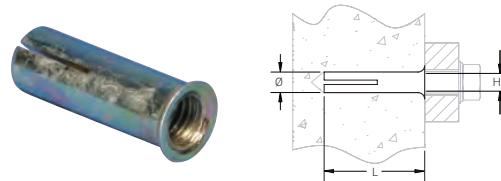
Structural Attachments

ANCHORS

FLANGED DROP-IN ANCHOR

FEATURES

- Internal thread provides easy removal and serviceability
- Installs flush for standard embedment
- Use setting tool TCA/LA to drive expansion cone to set the anchor



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Hole Size	Length	Diameter
LAM1040	574420	M10	40 mm	12 mm
LAM1250	574430	M12	50 mm	15 mm
LAM1665	589895	M16	65 mm	20 mm
LAM625	589890	M6	25 mm	8 mm
LAM830	574410	M8	30 mm	10 mm

HAMMER-IN TOOL FOR DROP-IN ANCHORS

FEATURES

- Setting tool for CA and LA type drop in anchors



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Length
TCAM10040	593170	M10	40 mm
TCAM12050	400420	M12	50 mm
TCAM16065	400421	M16	65 mm
TCAM6030	593150	M6	30 mm
TCAM8030	593160	M8	30 mm
TCAM8040	593165	M8	40 mm

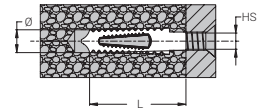
Structural Attachments

ANCHORS

METAL PLUG

FEATURES

- Expansion fixing for wood or drywall / plasterboard screws
- For use in concrete, brick and lightweight concrete



Material: Steel

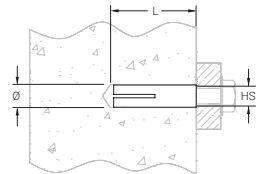
Finish: Electrogalvanized

Part Number	Article Number	Hole Size	Length	Diameter
CFH1060	593220	H10	60 mm	12 mm
CFH838	593210	H8	38 mm	10 mm
CFH860	400424	H8	60 mm	10 mm

BRASS EXPANSION ANCHOR

FEATURES

- Expansion fixing for metric screws
- For use in concrete and brick



Material: Brass

Part Number	Article Number	Screw Diameter	Length	Diameter
CLM10040	593110	M10	34 mm	13 mm
CLM6030	593090	M6	22 mm	8 mm
CLM8040	593100	M8	30 mm	11 mm

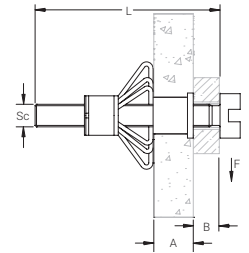
Structural Attachments

ANCHORS

CAVITY PLUG

FEATURES

- For use in plasterboard
- Ideal for attachment to thin-walled panels
- Large seating area for high loading capacity



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length	A	B	Ultimate Static Load 1	Ultimate Static Load 2
Screw Included: No							
MFP537	571410	M5		5 – 13 mm	15 mm	115 N	175 N
MFP640	571440	M6		5 – 13 mm	15 mm	155 N	195 N
Screw Included: Yes							
MFV433	571460	M4	41 mm	3 – 9 mm	12 mm	75 N	115 N
MFV537	571470	M5	45 mm	5 – 13 mm	15 mm	115 N	175 N
MFV550	571480	M5	60 mm	5 – 16 mm	18 mm	115 N	175 N
MFV565	571490	M5	74 mm	16 – 32 mm	20 mm	115 N	175 N
MFV640	571500	M6	45 mm	5 – 13 mm	15 mm	155 N	195 N
MFV650	571510	M6	60 mm	5 – 16 mm	18 mm	155 N	195 N

Refer to Ultimate Static Load 1 when anchor is set in plasterboard. Refer to Ultimate Static Load 2 when anchor is set in hollow block or hollow cinder block.

SETTING TOOL FOR METAL EXPANSION ANCHOR

FEATURES

- Setting tool for cavity fixing MFP / MFV



Material: Steel

Finish: Painted

Part Number	Article Number	Orientation
MFT1	571520	Top
MFT2	571530	Side

Structural Attachments

ANCHORS

CTF HAMMER-IN EXPANSION ANCHOR WITH NAIL

FEATURES

- Includes plastic insert



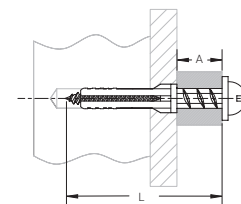
Material: Nylon, Steel

Part Number	Article Number	Length	Drill Bit Diameter
CTF525	571310	25 mm	5 mm

NPN HAMMER-IN EXPANSION ANCHOR WITH SCREW

FEATURES

- Secure and time-saving, hammer-in nylon plug with pre-assembled zinc plated nail screw
- Nail plug can be unscrewed for readjustment
- Long splay zone for optimal grip
- Delivered pre-assembled to avoid nail loss



Material: Nylon, Steel

Finish: Electrogalvanized

Part Number	Article Number	Length	A	Drill Bit Diameter
NPN530	570790	30 mm	5 mm	5 mm
NPN640	570800	40 mm	10 mm	6 mm
NPN660	570810	60 mm	30 mm	6 mm
NPN680	570820	80 mm	40 mm	6 mm
NPN8100	570850	100 mm	60 mm	8 mm
NPN860	570830	60 mm	30 mm	8 mm
NPN880	570840	80 mm	40 mm	8 mm

Structural Attachments

ANCHORS

FPN UNIVERSAL ANCHOR

FEATURES

- Expansion fixing for wood or drywall / plasterboard screws
- For use in concrete, brick and lightweight concrete



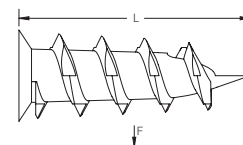
Material: Nylon

Part Number	Article Number	Screw Diameter	Length	Drill Bit Diameter	Drill Hole Depth
FPN10	570730	6.0 – 8.0 mm	50 mm	10 mm	60 mm
FPN12	570740	8.0 – 10.0 mm	60 mm	12 mm	70 mm
FPN16	400721	12.0 – 14.0 mm	80 mm	16 mm	95 mm
FPN5	570700	2.5 – 4.0 mm	25 mm	5 mm	30 mm
FPN6	570710	3.5 – 5.0 mm	30 mm	6 mm	35 mm
FPN8	570720	4.5 – 6.0 mm	40 mm	8 mm	50 mm

PWM/PWN SELF-DRILLING DRYWALL ANCHOR

FEATURES

- Screw in type anchor for plasterboard
- No drilling required



Part Number	Article Number	Length	Screw Included	Ultimate Static Load
Material: Nylon				
PWN	571290	38 mm	Yes	95 N
PWNS	571300	38 mm	No	95 N
Material: Zinc Alloy				
PWM	571270	36 mm	Yes	95 N
PWMS	571280	36 mm	No	95 N

Structural Attachments

ANCHORS

UPN UNIVERSAL ANCHOR WITH COLLAR

FEATURES

- Expansion fixing for wood or drywall / plasterboard screws
- For use in concrete, brick, hollow brick and lightweight concrete



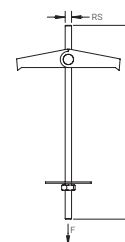
Material: Polyethylene

Part Number	Article Number	Screw Diameter	Length	Drill Bit Diameter	Drill Hole Depth
UPN06	570750	3.5 – 5.0 mm	39 mm	6 mm	40 mm
UPN08	570760	4.5 – 6.0 mm	47 mm	8 mm	60 mm
UPN10	570770	6.0 – 8.0 mm	53 mm	10 mm	70 mm
UPN12	570780	8.0 – 10.0 mm	66 mm	12 mm	80 mm

MTSB SPRING TOGGLE WITH NUT/WASHER

FEATURES

- Washer, nut and toggle included
- Used in wall applications



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Length	Drill Bit Diameter	Ultimate Static Load
MTSB3	584400	M3	85 mm	11 mm	1,000 N
MTSB4	584410	M4	90 mm	14 mm	1,750 N

The Ultimate Static Load value does not take into account the load-bearing characteristics of the supporting material. The appropriate safety factor is to be added to this load rating.

Structural Attachments

ANCHORS

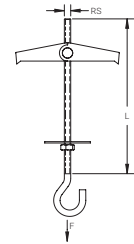
MTSH SPRING TOGGLE WITH HOOK

FEATURES

- Nut and toggle included
- Used in wall applications

Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Length	Drill Bit Diameter	Ultimate Static Load
MTSH3	584420	M3	70 mm	11 mm	100 N
MTSH4	584430	M4	70 mm	14 mm	300 N

The Ultimate Static Load value does not take into account the load-bearing characteristics of the supporting material. The appropriate safety factor is to be added to this load rating.

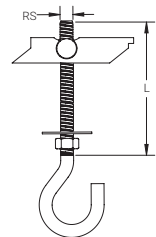
MTGH GRAVITY TOGGLE WITH HOOK

FEATURES

- Nut and toggle included
- Used in wall applications

Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Length	Drill Bit Diameter	Ultimate Static Load
MTGH8	584450	M8	90 mm	20 mm	2,200 N

The Ultimate Static Load value does not take into account the load-bearing characteristics of the supporting material. The appropriate safety factor is to be added to this load rating.

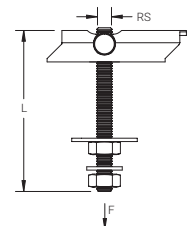
MTGB GRAVITY TOGGLE WITH NUT/WASHER

FEATURES

- Complete with rod, nut and washer

Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Length	Drill Bit Diameter	Ultimate Static Load
MTGB8	584440	M8	100 mm	20 mm	13 kN

The Ultimate Static Load value does not take into account the load-bearing characteristics of the supporting material. The appropriate safety factor is to be added to this load rating.

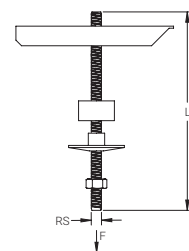
Structural Attachments

ANCHORS

MTGD HEAVY DUTY GRAVITY TOGGLE WITH BUSHING

FEATURES

- Complete with rod, nut, rubber plug and collar bushing



Material: Steel

Finish: Pregalvanized

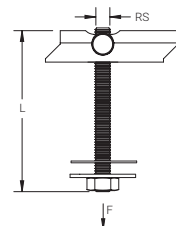
Part Number	Article Number	Rod Size	Length	Drill Bit Diameter	Ultimate Static Load
MTGD10	584460	M10	180 mm	30 mm	12 kN

The Ultimate Static Load value does not take into account the load-bearing characteristics of the supporting material. The appropriate safety factor is to be added to this load rating.

MTVB GRAVITY TOGGLE WITH RUBBER WASHER

FEATURES

- Complete with rod, nut, washer and load distribution block
- Threaded rod is secured against unintentional removal
- Approved for use in stationary fire protection systems (for pipes up to 2")



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Length	Drill Bit Diameter	Static Load	Ultimate Static Load	Certifications
MTVB10100	584465	M10	100 mm	25 mm	800 N	20 kN	FM, VdS
MTVB10200	584466	M10	200 mm	25 mm	800 N	20 kN	FM, VdS
MTVB8100	584455	M8	100 mm	22 mm	800 N	20 kN	VdS
MTVB8200	584456	M8	200 mm	22 mm	800 N	20 kN	VdS
MTVB8300	584457	M8	300 mm	22 mm	800 N	20 kN	VdS

Static Load represents the maximum recommended load when fixed to a trapezoidal sheet. The Ultimate Static Load value does not take into account the load-bearing characteristics of the supporting material. The appropriate safety factor is to be added to this load rating.

nVent CADDY Rod Lock Threaded Rod Mounting System



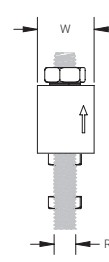
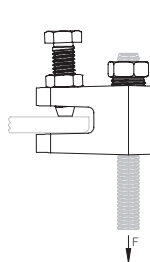
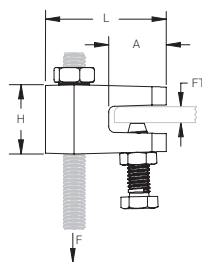
Rod Lock Threaded Rod Mounting System

ROD LOCK STRUCTURAL ATTACHMENTS

ROD LOCK BEAM CLAMP

FEATURES

- Prefabricated assemblies easily lift and lock into place, helping to save time and money
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Lock nut can be finger tightened, locking the rod in place
- Works with slightly damaged threads and minor burrs on the threaded rod
- Conforms with Federal Specification WW-H-171 (Type 23), Manufacturers Standardization Society ANSI®/MSS-SP-58 (Type 19 and 23)



Material: Cast Iron

Finish: Electrogalvanized



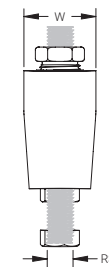
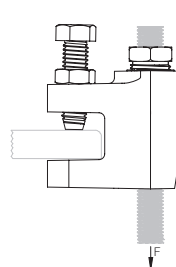
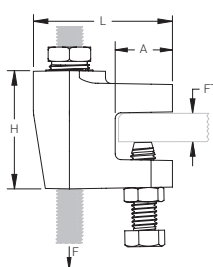
Part Number	Article Number	Rod Size	Flange Thickness	Height	Length	Width	A	Static Load 1	Static Load 2	Certifications
CRLBM10EG	390002	M10	3 – 10 mm	30 mm	52.3 mm	25.3 mm	24.9 mm	1,100 N	2,200 N	cULus, FM, VdS
CRLBM8EG	390001	M8	3 – 10 mm	30 mm	52.3 mm	25.3 mm	24.9 mm	1,100 N	1,400 N	cULus, VdS

Static Load 1 represents 1/8" to 3/16" (3 mm to 5 mm) flange thickness. Static Load 2 represents 1/4" to 3/8" (6 mm to 10 mm) flange thickness.

ROD LOCK BEAM CLAMP, THICK FLANGE

FEATURES

- Prefabricated assemblies easily lift and lock into place, helping to save time and money
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Lock nut can be finger tightened, locking the rod in place
- Works with slightly damaged threads and minor burrs on the threaded rod
- Conforms with Federal Specification WW-H-171 (Type 23), Manufacturers Standardization Society ANSI®/MSS-SP-58 (Type 19 and 23)



Material: Cast Iron

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Flange Thickness	Height	Length	Width	A	Static Load
CRLBM12EG	390023	M12	9.5 – 20.0 mm	53.3 mm	61.6 mm	33 mm	25.4 mm	4,400 N

FM® Approved in the bottom mount orientation only.

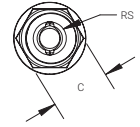
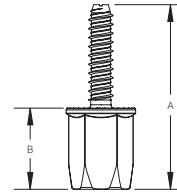
Rod Lock Threaded Rod Mounting System

ROD LOCK STRUCTURAL ATTACHMENTS

ROD LOCK ANCHOR SCREW

FEATURES

- For use with concrete and solid brick
- Prefabricated assemblies easily lift and lock into place, helping to save time and money
- Works with slightly damaged threads and minor burrs on the threaded rod



Material: Steel

Finish: Electrogalvanized



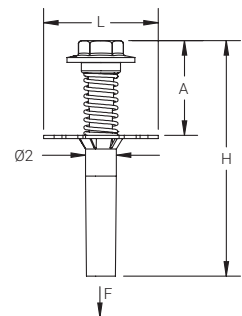
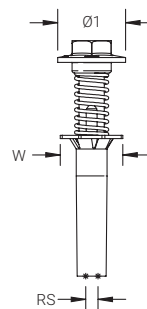
Part Number	Article Number	Rod Size	A	B	C	Drill Bit Diameter	Drill Hole Depth	Static Load	Certifications
CRLAM10EG	390010	M10	72 mm	32 mm	22 mm	8 mm	50 mm	2,900 N	FM
CRLAM8EG	390009	M8	72 mm	32 mm	22 mm	8 mm	50 mm	2,900 N	

Tested in 3000 psi (20.67 MPa) concrete.

ROD LOCK METAL DECKING PRESET ANCHOR

FEATURES

- Set in place through a drilled hole in the metal decking before the concrete is poured
- Eliminate overhead drilling into building structure – Rod Lock Preset Anchors are cast in place
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Can be used in lower and upper flute installations
- Works with slightly damaged threads and minor burrs on the threaded rod
- Prefabricated assemblies easily lift and lock into place, helping to save time and money
- Plastic flange acts as insert locator when the forms are removed
- Rod Lock Preset Anchors have a pending evaluation to AC446, Acceptance Criteria for Headed Cast-In Specialty Inserts in Concrete



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Diameter 1	Diameter 2	Height	Length	Width	A	Drill Bit Diameter	Static Load
CRLMM10EG	390021	M10	42.0 mm	18 mm	143 mm	70 mm	38.1 mm	58 mm	19 mm	3,700 N
CRLMM12EG	390022	M12	49.5 mm	20 mm	146 mm	70 mm	38.1 mm	62 mm	22 mm	3,700 N

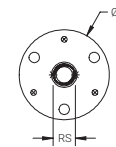
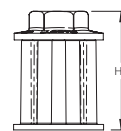
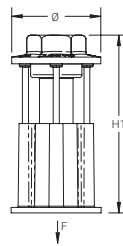
Rod Lock Threaded Rod Mounting System

ROD LOCK STRUCTURAL ATTACHMENTS

ROD LOCK PLYWOOD FORM PRESET ANCHOR

FEATURES

- Eliminate overhead drilling into building structure – Rod Lock Preset Anchors are cast in place
- Nails hold the anchor in place during the pour and easily break off with a strike of a hammer once the plywood forms are removed
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Works with slightly damaged threads and minor burrs on the threaded rod
- Prefabricated assemblies easily lift and lock into place, helping to save time and money
- Plastic flange acts as insert locator when the forms are removed
- Rod Lock Preset Anchors have a pending evaluation to AC446, Acceptance Criteria for Headed Cast-In Specialty Inserts in Concrete



Material: Steel

Finish: Electrogalvanized

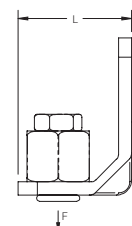
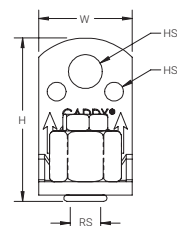


Part Number	Article Number	Rod Size	Diameter	Height 1	Height 2	Static Load
CRLWM10EG	390019	M10	42.0 mm	82.3 mm	61.0 mm	6,300 N
CRLWM12EG	390020	M12	48.3 mm	84.8 mm	63.5 mm	7,200 N

ROD LOCK L-BRACKET

FEATURES

- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Prefabricated assemblies easily lift and lock into place, helping to save time and money
- Multiple attachment holes support the use of either self-drilling screws or bolts, offering installation options for concrete, wood, and steel structures
- Lock nut can be finger tightened, locking the rod in place
- Integrated adjustment nut enables fine tuning the system height up or down
- Extremely useful in tight spaces where wrenches are difficult to use
- Conforms with Federal Specification WW-H-171 (Type 23), Manufacturers Standardization Society ANSI®/MSS-SP-58 (Type 19 and 23)



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Height	Length	Width	Hole Size 1	Hole Size 2	Wrench Size	Static Load	Certifications
CRLLM10EG	390012	M10	61.3 mm	43.2 mm	35.6 mm	10.4 mm	7.1 mm	24 mm	3,100 N	cULus, FM, VdS
CRLLM8EG	390011	M8	61.3 mm	43.2 mm	35.6 mm	10.4 mm	7.1 mm	24 mm	2,200 N	VdS

Follow fastener manufacturer's recommended shear and pull-out strength when fastening to the structure. Fastener not included. Install in accordance with applicable code.

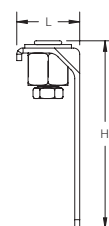
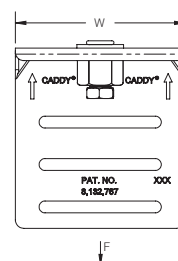
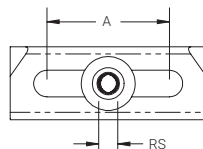
Rod Lock Threaded Rod Mounting System

ROD LOCK SUPPORTS

ROD LOCK TOP-MOUNT DUCT BRACKET

FEATURES

- Allows duct to be mounted tight against the ceiling to maximize overhead space and reduce the amount of threaded rod required
- Multiple horizontal mounting slots accommodate insulated duct in tight spaces
- Works with studs in addition to threaded rods for a more aesthetic installation
- Slotted holes in bracket allow for horizontal adjustment of the bracket relative to the duct
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Ready to use out of the box and eliminates the need for cutting and preparing sections of strut, angle iron, or strap
- Integrated adjustment nut enables fine tuning the system height up or down
- Lock nut can be finger tightened, locking the rod in place
- Ideal for modular assembly – allows attachment of brackets to sections of duct while safely on the ground
- Extremely useful in tight spaces where wrenches are difficult to use
- Includes self-tapping sheet metal screws to attach bracket to duct



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Height	Length	Width	A	Static Load	Certifications
CRLDM10TEG	390018	M10	112 mm	37.8 mm	101.6 mm	63.5 mm	2,900 N	SMACNA
CRLDM8TEG	390017	M8	112 mm	37.8 mm	101.6 mm	63.5 mm	2,900 N	

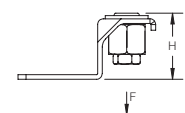
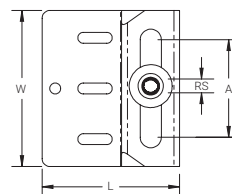
Rod Lock Threaded Rod Mounting System

ROD LOCK STRUCTURAL ATTACHMENTS

ROD LOCK BOTTOM-MOUNT DUCT BRACKET

FEATURES

- Ideal for modular assembly – allows attachment of brackets to sections of duct while safely on the ground
- Slotted holes in bracket allow for horizontal adjustment of the bracket relative to the duct
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Ready to use out of the box and eliminates the need for cutting and preparing sections of strut, angle iron, or strap
- Integrated adjustment nut enables fine tuning the system height up or down
- Lock nut can be finger tightened, locking the rod in place
- Extremely useful in tight spaces where wrenches are difficult to use
- Includes self-tapping sheet metal screws to attach bracket to duct



Material: Steel

Finish: Electrogalvanized

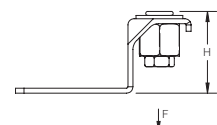
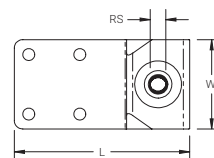


Part Number	Article Number	Rod Size	Height	Length	Width	A	Static Load	Certifications
CRLDM10BEG	390016	M10	44 mm	89.5 mm	101.6 mm	63.5 mm	2,900 N	SMACNA
CRLDM8BEG	390015	M8	44 mm	89.5 mm	101.6 mm	63.5 mm	2,900 N	

ROD LOCK BOTTOM-MOUNT DUCT BRACKET, NARROW

FEATURES

- Ideal for modular assembly – allows attachment of brackets to sections of duct while safely on the ground
- Non-slotted bracket allows for attachment after the final horizontal position of the duct is achieved
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Ready to use out of the box and eliminates the need for cutting and preparing sections of strut, angle iron, or strap
- Integrated adjustment nut enables fine tuning the system height up or down
- Lock nut can be finger tightened, locking the rod in place
- Extremely useful in tight spaces where wrenches are difficult to use
- Includes self-tapping sheet metal screws to attach bracket to duct



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Height	Length	Width	Static Load	Certifications
CRLDM10BNEG	390025	M10	48.8 mm	104.8 mm	53.3 mm	6,200 N	SMACNA
CRLDM8BNEG	390024	M8	48.8 mm	104.8 mm	53.3 mm	2,900 N	

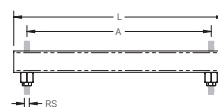
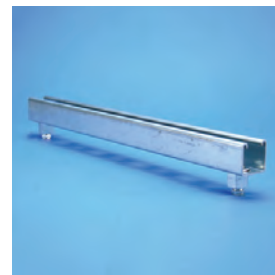
Rod Lock Threaded Rod Mounting System

ROD LOCK SUPPORTS

ROD LOCK STRUT

FEATURES

- Allows for the quick creation, installation, and adjustment of multi-level trapeze assemblies
- Ready to use out of the box and eliminates the need for cutting and preparing sections of strut
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Integrated adjustment nut enables fine tuning the system height up or down
- Accommodates slight variances in rod-to-rod position of the trapeze
- No loose parts or special tools needed for installation
- Lock nut can be finger tightened, locking the rod in place
- Works with all accessories that fit standard A or C type strut channels



Material: Steel

Finish: Pregalvanized, Electrogalvanized

Part Number	Article Number	Rod Size	Strut Type	Length	Thickness	A	B	X
CRLP1M10L550	390035	M10	C (21 x 41 mm)	600 mm	1.5 mm	550 mm	22 mm	14 x 27 mm
CRLP1M10L750	390036	M10	C (21 x 41 mm)	800 mm	1.5 mm	750 mm	22 mm	14 x 27 mm
CRLP1M8L550	390029	M8	C (21 x 41 mm)	600 mm	1.5 mm	550 mm	22 mm	14 x 27 mm
CRLP1M8L750	390030	M8	C (21 x 41 mm)	800 mm	1.5 mm	750 mm	22 mm	14 x 27 mm
CRLP2M10L1050	390040	M10	A (41 x 41 mm)	1,100 mm	2.5 mm	1,050 mm	22 mm	14 x 27 mm
CRLP2M10L550	390037	M10	A (41 x 41 mm)	600 mm	2.5 mm	550 mm	22 mm	14 x 27 mm
CRLP2M10L750	390038	M10	A (41 x 41 mm)	800 mm	2.5 mm	750 mm	22 mm	14 x 27 mm
CRLP2M10L950	390039	M10	A (41 x 41 mm)	1,000 mm	2.5 mm	950 mm	22 mm	14 x 27 mm
CRLP2M8L1050	390034	M8	A (41 x 41 mm)	1,100 mm	2.5 mm	1,050 mm	22 mm	14 x 27 mm
CRLP2M8L550	390031	M8	A (41 x 41 mm)	600 mm	2.5 mm	550 mm	22 mm	14 x 27 mm
CRLP2M8L750	390032	M8	A (41 x 41 mm)	800 mm	2.5 mm	750 mm	22 mm	14 x 27 mm
CRLP2M8L950	390033	M8	A (41 x 41 mm)	1,000 mm	2.5 mm	950 mm	22 mm	14 x 27 mm

Rod Lock Strut must be installed with the open side of the channel facing up. For indoor applications only.

Rod Lock Threaded Rod Mounting System

ROD LOCK SUPPORTS

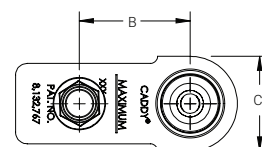
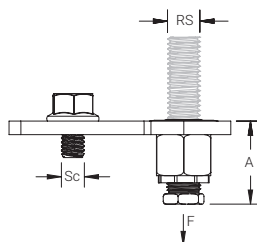
ROD LOCK STRUT END BRACKET

FEATURES

- Allows for the quick creation, installation, and adjustment of multi-level trapeze assemblies
- Installs with the open side of strut channel facing down allowing for objects to be quickly positioned by sliding along the channel
- Mounts to the end of any length of standard strut
- Accommodates slight variances in rod-to-rod position of the trapeze and the length of the strut
- Can be used to prefabricate assemblies which can be quickly pushed onto previously installed threaded rods
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Integrated adjustment nut enables fine tuning the system height up or down
- Lock nut can be finger tightened, locking the rod in place
- Works with slightly damaged threads and minor burrs on the threaded rod

Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Ultimate Static Load 1	Ultimate Static Load 2	Ultimate Static Load 3
CRLSEBM10EG	390027	M10	4,448 N	2,046 N	1,619 N
CRLSEBM8EG	390026	M8	4,448 N	2,046 N	1,619 N

A	B	C	Screw Diameter	Wrench Size 1	Wrench Size 2
36.4 mm	48.4 mm	41.3 mm	M10	24 mm	17 mm

Ultimate Static Load 1 represents strut channel type A with a thickness of 2.5 mm. Ultimate Static Load 2 represents strut channel type C with a thickness of 2.0 mm. Ultimate Static Load 3 represents strut channel type C with a thickness of 1.5 mm. Wrench Size 1 represents Rod Lock hex nut size. Wrench Size 2 represents screw head size. Static loads are based on one pair of Rod Lock Strut End Brackets. Static loads are assumed to be uniformly distributed. Must be installed with the open side of the strut channel facing down.

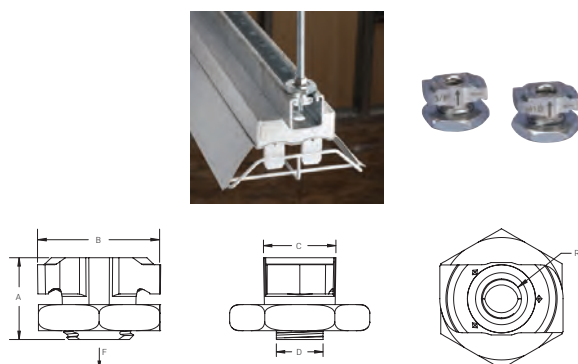
Rod Lock Threaded Rod Mounting System

ROD LOCK SUPPORTS

ROD LOCK CHANNEL NUT

FEATURES

- Provides fast universal attachment of threaded rod and hardware to standard strut profiles
- Can be used to prefabricate assemblies which can be quickly pushed onto previously installed threaded rods
- Works with slightly damaged threads and minor burrs on the threaded rod



Material: Cast Iron

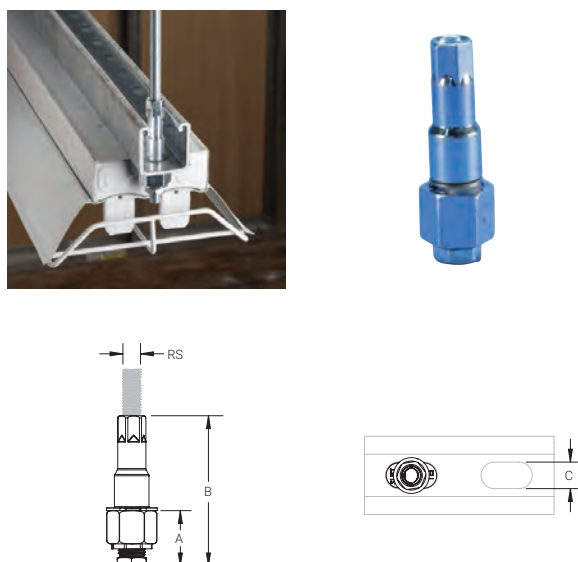
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	A	B	C	D	Static Load
CRLSM10EG	390004	M10	23 mm	35 mm	19.5 mm	13.5 mm	3,750 N
CRLSM8EG	390003	M8	23 mm	35 mm	19.5 mm	13.5 mm	2,750 N

ROD LOCK STRUT NUT

FEATURES

- Allows for the quick creation, installation, and adjustment of multi-level trapeze assemblies
- Installs in strut profiles without the need to insert fingers or tools into the strut
- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Integrated adjustment nut enables fine tuning the system height up or down
- Lock nut can be finger tightened, locking the rod in place
- Accommodates slight variances in rod-to-rod position of the trapeze
- Can be used to prefabricate assemblies which can be quickly pushed onto previously installed threaded rods
- Works with slightly damaged threads and minor burrs on the threaded rod



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Strut Type	Rod Size	A	B	C	Wrench Size 1	Wrench Size 2
CRLSLM10EG	390042	A (41 x 41 mm)	M10	30.2 mm	82.2 mm	14 mm	24 mm	14 mm
CRLSLM8EG	390041	A (41 x 41 mm)	M8	30.2 mm	82.2 mm	14 mm	24 mm	14 mm
CRLSSM10EG	390044	C (21 x 41 mm)	M10	30.2 mm	64.4 mm	14 mm	24 mm	14 mm
CRLSSM8EG	390043	C (21 x 41 mm)	M8	30.2 mm	64.4 mm	14 mm	24 mm	14 mm

Wrench Size 1 represents Rod Lock hex nut size. Wrench Size 2 represents stem nut size. Must be installed with the open side of the strut channel facing up. Rod Lock Strut Nuts must be installed at a minimum of 1" (25.4 mm) from both ends of the strut channel.

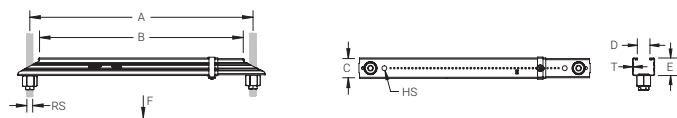
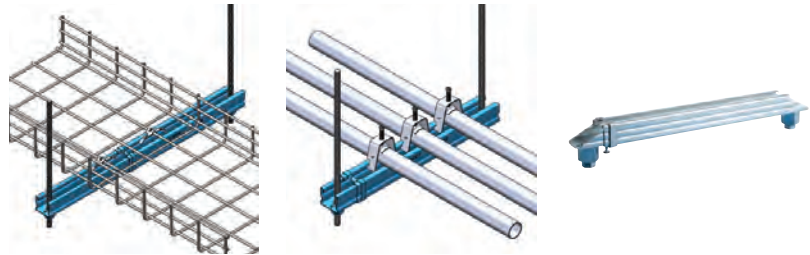
Rod Lock Threaded Rod Mounting System

ROD LOCK SUPPORTS

ROD LOCK TELESCOPING STRUT REPLACEMENT

FEATURES

- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Ready to use out of the box and eliminates the need for cutting sections of strut
- Telescopes to the desired length and then pushes onto the threaded rod
- Integrated adjustment nut enables fine tuning the system height up or down
- Lock nut can be finger tightened, locking the rod in place
- Allows for the quick creation, installation, and adjustment of multi-level trapeze assemblies
- Supports up to four 2" (50 DN) conduits or four 2" (50 DN) water filled pipes at 10' (3 m) spacing
- Works with the KBT Wire Basket Tray Clip for securing wire basket cable tray



Material: Steel

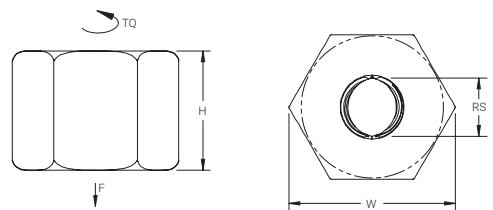
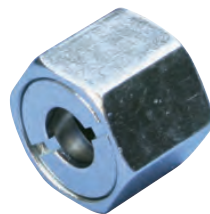
Finish: Pregalvanized

Part Number	Article Number	Rod Size RS	Hole Size HS	Thickness T	A	B	C	D	E	Static Load F
TSR200M8RL	360503	M8	6.4 mm	1 mm	320 – 508 mm	288.5 – 476.0 mm	35.6 mm	20.6 mm	28.4 mm	890 N
TSR200M10RL	360504	M10	6.4 mm	1 mm	320 – 508 mm	288.5 – 476.0 mm	35.6 mm	20.6 mm	28.4 mm	890 N

ROD LOCK NUT

FEATURES

- Easy “push-to-install” design allows installers to simply push the threaded rod through the mounting hole, instantly holding it in position
- Fast installation onto long threaded rods – push the nut in place instead of threading it up the rod
- Excellent alignment and easy fine adjustment by spinning the nut
- Extremely useful in tight spaces where wrenches are difficult to use



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Height	Width	Wrench Size	Torque	Static Load
CRLNM10EG	390014	M10	20 mm	27.3 mm	24 mm	6.8 N-m	6,000 N
CRLNM8EG	390013	M8	20 mm	27.3 mm	24 mm	6.8 N-m	4,500 N

Static Load based on Class 4.6 threaded rod.

Rod Lock Threaded Rod Mounting System

ROD LOCK HARDWARE

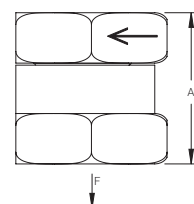
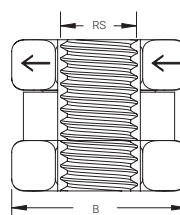
SN SERIES NUT

FEATURES

- Allows side mounting of nut to threaded rod
- Reduces the need for threading compared to standard nuts and washers
- Ideal for retrofit projects, such as trapeze installations, where disassembly of the support system is not desired
- Works with slightly damaged threads and minor burrs on the threaded rod
- Reduces installation time up to 50%

Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	A	B	Static Load
SNM10	390007	M10	19 mm	19 mm	6,000 N
SNM12	390008	M12	23 mm	25 mm	10,000 N
SNM6	390005	M6	14 mm	16 mm	1,650 N
SNM8	390006	M8	19 mm	19 mm	4,500 N

SNSW FLANGED NUT

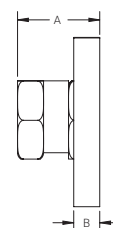
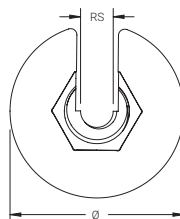
FEATURES

- Ideal for retrofit projects, such as trapeze installations, where disassembly of the support system is not desired
- Use as a stopper when installing Rod Lock assemblies
- Can be easily installed, removed, and repositioned at any location along the threaded rod
- Ready to use out of the box and eliminates multiple pieces of standard hardware
- Functions as a hex nut and flat washer combined
- Washer is wide enough to work with standard strut channel profiles

Material: Steel

Finish: Electrogalvanized

Static Load Safety Factor: 3:1

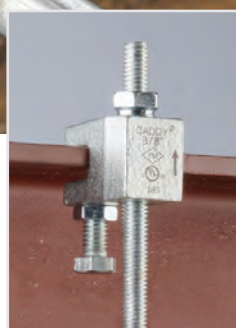


Part Number	Article Number	Rod Size	Diameter	A	B	Wrench Size	Static Load
SNSWM10	390102	M10	42.4 mm	20 mm	6.5 mm	20 mm	1,557 N
SNSWM8	390101	M8	42.4 mm	20 mm	6.5 mm	19 mm	1,557 N

For use on plain and electro zinc plated hardware only.



Assemble on the ground or off-site



Raise assembly to ceiling



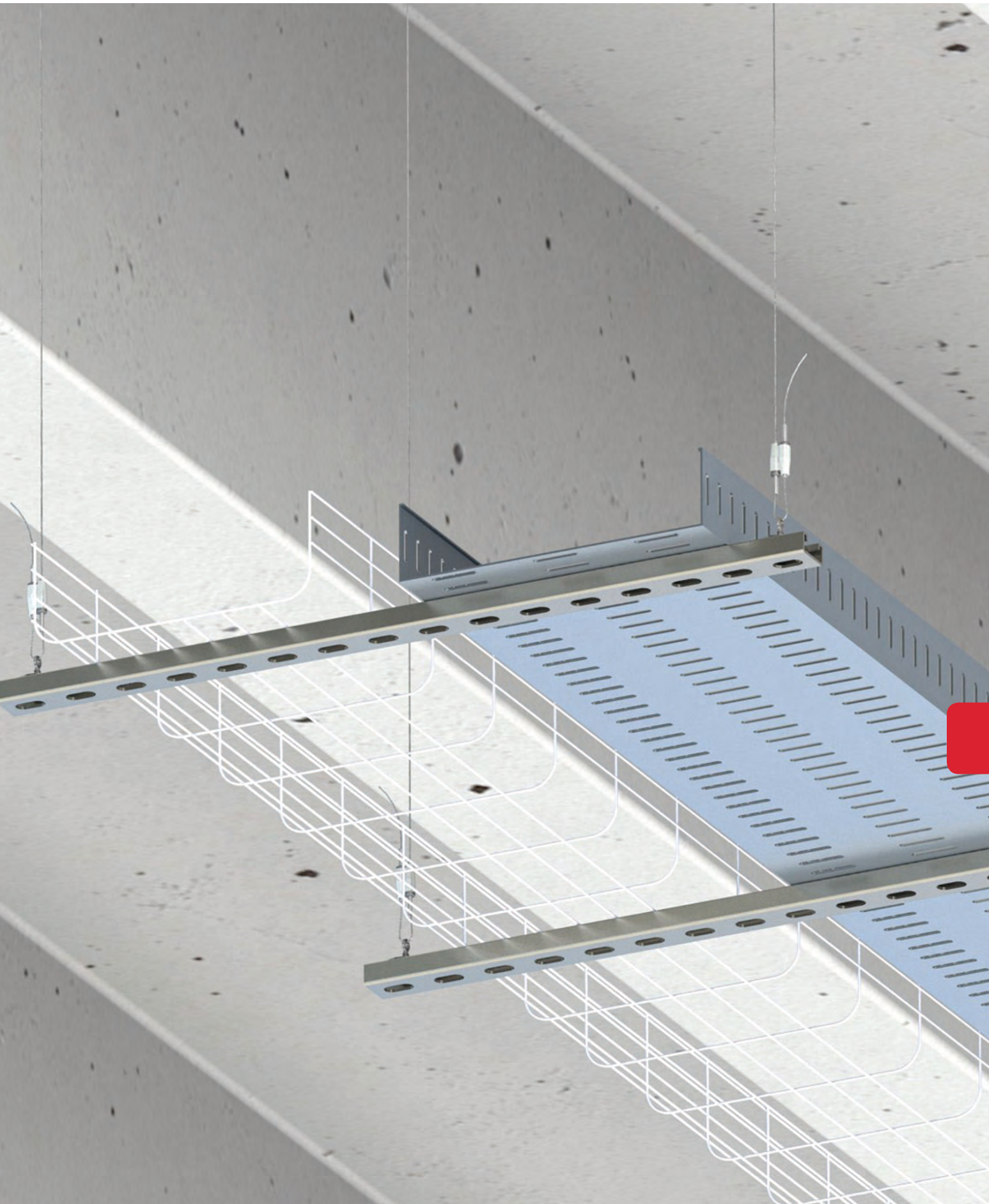
Level, tighten lock nut

ROD LOCK

Threaded Rod Mounting System

- Prefabricated assemblies easily lift and lock into place
- Wide range of application solutions
- Works with slightly damaged threads and minor burrs on the threaded rod
- Fast and easy to install

nVent CADDY Speed Link Universal Support System



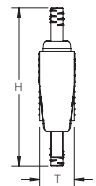
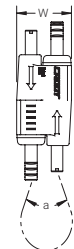
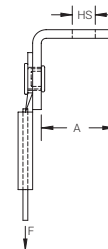
Speed Link Universal Support System

SPEED LINK EXTENSIONS

SPEED LINK SLK WITH ANGLE BRACKET

FEATURES

- Complete system includes wire, locking device and pre-assembled angle bracket end fitting
- Ideal for attaching to concrete, steel or wood surfaces
- Simple alternative to jack chain and additional hardware



Material: Steel, Zinc Alloy, Polypropylene

Finish: Electrogalvanized

Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope Length	A	Hole Size	Height	Width	Thickness	Angle	Static Load	Certifications
Wire Rope Diameter: 1.5 mm										
SLK15L1AB	196500	1 m	22.6 mm	7.1 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus
SLK15L2AB	196501	2 m	22.6 mm	7.1 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus
SLK15L3AB	196502	3 m	22.6 mm	7.1 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus
SLK15L5AB	196503	5 m	22.6 mm	7.1 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus
Wire Rope Diameter: 2.0 mm										
SLK2L2AB	196529	2 m	22.6 mm	7.1 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	cULus
SLK2L3AB	196530	3 m	22.6 mm	7.1 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	cULus
SLK2L5AB	196531	5 m	22.6 mm	7.1 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	cULus
Wire Rope Diameter: 3.0 mm										
SLK3L10AB	196716	10 m	22.6 mm	7.1 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	
SLK3L1AB	196712	1 m	22.6 mm	7.1 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	
SLK3L2AB	196713	2 m	22.6 mm	7.1 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	
SLK3L3AB	196714	3 m	22.6 mm	7.1 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	
SLK3L5AB	196715	5 m	22.6 mm	7.1 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	
SLK3L7AB	196728	7 m	22.6 mm	7.1 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	

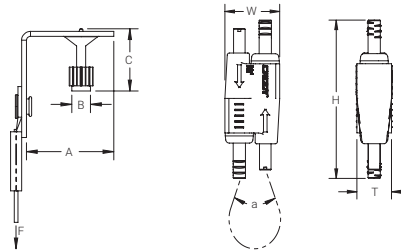
Speed Link Universal Support System

SPEED LINK SLK SYSTEM

SPEED LINK SLK WITH SHOT-FIRE BRACKET

FEATURES

- Complete system includes wire, locking device and shot-fire bracket with pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc



Material: Steel, Zinc Alloy, Polypropylene

Finish: Electrogalvanized

Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope Length	A	B	C	Static Load
Wire Rope Diameter: 1.5 mm						
SLK15L1SF	196517	1 m	37.5 mm	7.6 mm	31.8 mm	195 N
SLK15L2SF	196518	2 m	37.5 mm	7.6 mm	31.8 mm	195 N
SLK15L3SF	196519	3 m	37.5 mm	7.6 mm	31.8 mm	195 N
SLK15L5SF	196520	5 m	37.5 mm	7.6 mm	31.8 mm	195 N
Wire Rope Diameter: 2.0 mm						
SLK2L2SF	196546	2 m	37.5 mm	7.6 mm	31.8 mm	440 N
SLK2L3SF	196547	3 m	37.5 mm	7.6 mm	31.8 mm	440 N
SLK2L5SF	196548	5 m	37.5 mm	7.6 mm	31.8 mm	440 N

Height	Width	Thickness	Angle
55 mm	19 mm	12.5 mm	90° Max

Uses Powers Fasteners, Inc. part number 50032. Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 Mpa) lightweight concrete. For variations in embedment and material please consult www.powers.com. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers. For shot-fired supports in seismic design category D, E, or F, maximum load is the lesser of 90 lb (400 N) or the published load.

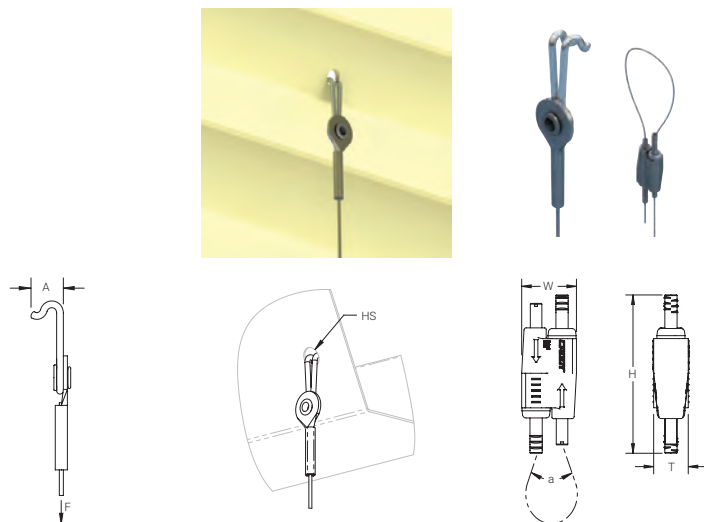
Speed Link Universal Support System

SPEED LINK SLK SYSTEM

SPEED LINK SLK WITH DECKING HOOK

FEATURES

- Complete system includes wire, locking device and pre-assembled decking hook end fitting
- Quickly and easily attaches to hollow metal decking
- Spring-loaded ends snap into decking hole and lock into place
- Innovative design helps protect the wire from sharp edges of decking hole, minimizing risk of damage to wire



Material: Steel, Zinc Alloy, Polypropylene

Finish: Electrogalvanized

Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope Length	Roof Decking Sheet Thickness	A	Hole Size	Static Load
Wire Rope Diameter: 1.5 mm						
SLK15L3DH	196504	3 m	1.5 mm Max	9.2 mm	8 mm	195 N
SLK15L5DH	196505	5 m	1.5 mm Max	9.2 mm	8 mm	195 N
Wire Rope Diameter: 2.0 mm						
SLK2L3DH	196532	3 m	1.5 mm Max	9.2 mm	8 mm	440 N
SLK2L5DH	196533	5 m	1.5 mm Max	9.2 mm	8 mm	440 N
SLK2L7DH	196534	7 m	1.5 mm Max	9.2 mm	8 mm	440 N

Height	Width	Thickness	Angle
55 mm	19 mm	12.5 mm	90° Max

Load rating is only applicable if the load-bearing capacity of the supporting element (steel decking) is adequate. Check with deck manufacturer for recommended load capacity.

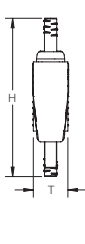
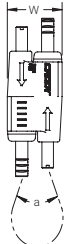
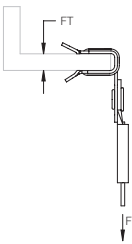
Speed Link Universal Support System

SPEED LINK SLK SYSTEM

SPEED LINK SLK WITH HAMMER-ON FLANGE CLIP

FEATURES

- Complete system includes wire, locking device and pre-assembled nVent CADDY Hammer-On Flange Clip end fitting
- Installs with just a hammer
- Fits most beams



Material: Polypropylene, Steel, Zinc Alloy
Finish: Electrogalvanized
Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope Length	Flange Thickness	Static Load
Wire Rope Diameter: 1.5 mm				
SLK15L34H24	196506	3 m	3 – 8 mm	195 N
SLK15L34H58	196507	3 m	8 – 14 mm	195 N
Wire Rope Diameter: 2.0 mm				
SLK2L34H24	196535	3 m	3 – 8 mm	440 N
SLK2L34H58	196536	3 m	8 – 14 mm	440 N

Height	Width	Thickness	Angle
55 mm	19 mm	12.5 mm	90° Max

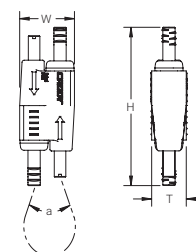
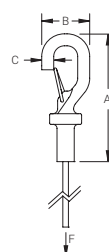
Speed Link Universal Support System

SPEED LINK SLK SYSTEM

SPEED LINK SLK WITH HOOK

FEATURES

- Complete system includes wire, locking device and pre-assembled hook end fitting
- Hooks to a wide range of nVent CADDY fasteners
- Fastens to the building structure or hanging services by looping around and hooking to wire rope
- Easy to remove for applications requiring maintenance
- Spring latch helps provide secure connection
- Insert cable through hole and use bottom side of hook as an end stop
- Also available in Y-hook configuration



Material: Steel, Polypropylene, Zinc Alloy

Finish: Electrogalvanized

Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope Length	A	B	C	H	W	T	a	F	Certifications	Standard Packaging Quantity
Wire Rope Diameter: 1.5 mm												
SLK15L1	196508	1	48.0	18.0	4.5	55	19	12.5	90 Max	195	cULus, SMACNA	20 pc
SLK15L10	196513	10	48.0	18.0	4.5	55	19	12.5	90 Max	195		20 pc
SLK15L10R2	196617	10	48.0	18.0	4.5	55	19	12.5	90 Max	195		15 x 2 pc
SLK15L1R2	196613	1	48.0	18.0	4.5	55	19	12.5	90 Max	195		15 x 2 pc
SLK15L2	196509	2	48.0	18.0	4.5	55	19	12.5	90 Max	195		20 pc
SLK15L2R2	196614	2	48.0	18.0	4.5	55	19	12.5	90 Max	195		15 x 2 pc
SLK15L3	196510	3	48.0	18.0	4.5	55	19	12.5	90 Max	195		20 pc
SLK15L3R2	196615	3	48.0	18.0	4.5	55	19	12.5	90 Max	195		15 x 2 pc
SLK15L5	196511	5	48.0	18.0	4.5	55	19	12.5	90 Max	195		20 pc
SLK15L5R2	196616	5	48.0	18.0	4.5	55	19	12.5	90 Max	195		15 x 2 pc
SLK15L7	196512	7	48.0	18.0	4.5	55	19	12.5	90 Max	195		20 pc
Wire Rope Diameter: 2.0 mm												
SLK2L1	196537	1	57.0	20.0	5.5	55	19	12.5	90 Max	440	cULus, SMACNA	10 pc
SLK2L10	196542	10	57.0	20.0	5.5	55	19	12.5	90 Max	440		10 pc
SLK2L10R2	196622	10	57.0	20.0	5.5	55	19	12.5	90 Max	440		15 x 2 pc
SLK2L1R2	196618	1	57.0	20.0	5.5	55	19	12.5	90 Max	440		15 x 2 pc
SLK2L2	196538	2	57.0	20.0	5.5	55	19	12.5	90 Max	440		10 pc
SLK2L2R2	196619	2	57.0	20.0	5.5	55	19	12.5	90 Max	440		15 x 2 pc
SLK2L3	196539	3	57.0	20.0	5.5	55	19	12.5	90 Max	440		10 pc
SLK2L3R2	196620	3	57.0	20.0	5.5	55	19	12.5	90 Max	440		15 x 2 pc
SLK2L5	196540	5	57.0	20.0	5.5	55	19	12.5	90 Max	440		10 pc
SLK2L5R2	196621	5	57.0	20.0	5.5	55	19	12.5	90 Max	440		15 x 2 pc
SLK2L7	196541	7	57.0	20.0	5.5	55	19	12.5	90 Max	440		10 pc
Wire Rope Diameter: 3.0 mm												
SLK3L1	196700	1	57.6	23.2	6.1	62	24	16.0	90 Max	890	SMACNA	10 x 10 pc
SLK3L10	196705	10	57.6	23.2	6.1	62	24	16.0	90 Max	890		5 x 5 pc
SLK3L10R2	196627	10	57.6	23.2	6.1	62	24	16.0	90 Max	890		10 x 2 pc
SLK3L1R2	196623	1	57.6	23.2	6.1	62	24	16.0	90 Max	890		10 x 2 pc
SLK3L2	196701	2	57.6	23.2	6.1	62	24	16.0	90 Max	890		10 x 10 pc
SLK3L2R2	196624	2	57.6	23.2	6.1	62	24	16.0	90 Max	890		15 x 2 pc
SLK3L3	196702	3	57.6	23.2	6.1	62	24	16.0	90 Max	890		5 x 10 pc
SLK3L3R2	196625	3	57.6	23.2	6.1	62	24	16.0	90 Max	890		10 x 2 pc
SLK3L5	196703	5	57.6	23.2	6.1	62	24	16.0	90 Max	890		5 x 10 pc
SLK3L5R2	196626	5	57.6	23.2	6.1	62	24	16.0	90 Max	890		15 x 2 pc
SLK3L7	196704	7	57.6	23.2	6.1	62	24	16.0	90 Max	890		5 x 5 pc

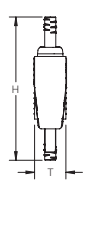
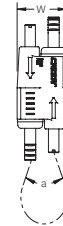
Speed Link Universal Support System

SPEED LINK SLK SYSTEM

SPEED LINK SLK WITH LOOP

FEATURES

- Complete system includes wire, locking device and pre-assembled loop end fitting
- Easy and flexible solution attaches to building structures
- Wire rope wraps around structure and through loop for quick installation
- Ideal for attaching to purlins, beams and other structural members
- Works well in tight or confined spaces
- Loop attaches directly to pipe, ductwork or other hanging assemblies



Material: Steel, Polypropylene, Zinc Alloy

Finish: Electrogalvanized

Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope Length	Length	Height	Width	Thickness	Angle	Static Load	Certifications	Standard Packaging Quantity
Wire Rope Diameter: 1.5 mm										
SLK15L10LP	196603	10 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus, SMACNA	20 pc
SLK15L10LPR2	196632	10 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N		10 x 2 pc
SLK15L1LP	196601	1 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N		20 pc
SLK15L1LPR2	196628	1 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N		15 x 2 pc
SLK15L2LP	196514	2 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N		20 pc
SLK15L2LPR2	196629	2 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N		15 x 2 pc
SLK15L3LP	196515	3 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N		20 pc
SLK15L3LPR2	196630	3 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N		15 x 2 pc
SLK15L5LP	196516	5 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N		20 pc
SLK15L5LPR2	196631	5 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N		15 x 2 pc
SLK15L7LP	196602	7 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	195 N		20 pc
Wire Rope Diameter: 2.0 mm										
SLK2L10LP	196606	10 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	cULus, SMACNA	5 pc
SLK2L10LPR2	196637	10 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N		10 x 2 pc
SLK2L1LP	196604	1 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N		10 pc
SLK2L1LPR2	196633	1 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N		15 x 2 pc
SLK2L2LP	196543	2 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N		10 pc
SLK2L2LPR2	196634	2 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N		15 x 2 pc
SLK2L3LP	196544	3 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N		10 pc
SLK2L3LPR2	196635	3 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N		15 x 2 pc
SLK2L5LP	196545	5 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N		10 pc
SLK2L5LPR2	196636	5 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N		10 x 2 pc
SLK2L7LP	196605	7 m	101.6 mm	55 mm	19 mm	12.5 mm	90° Max	440 N		5 pc
Wire Rope Diameter: 3.0 mm										
SLK3L10LP	196711	10 m	101.6 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	SMACNA	5 x 5 pc
SLK3L1LP	196706	1 m	101.6 mm	62 mm	24 mm	16.0 mm	90° Max	890 N		10 x 10 pc
SLK3L2LP	196707	2 m	101.6 mm	62 mm	24 mm	16.0 mm	90° Max	890 N		10 x 10 pc
SLK3L3LP	196708	3 m	101.6 mm	62 mm	24 mm	16.0 mm	90° Max	890 N		5 x 10 pc
SLK3L5LP	196709	5 m	101.6 mm	62 mm	24 mm	16.0 mm	90° Max	890 N		5 x 10 pc
SLK3L7LP	196710	7 m	101.6 mm	62 mm	24 mm	16.0 mm	90° Max	890 N		5 x 5 pc

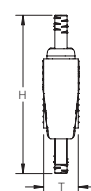
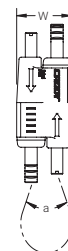
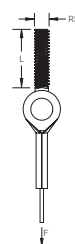
Speed Link Universal Support System

SPEED LINK SLK SYSTEM

SPEED LINK SLK WITH THREADED STUD END

FEATURES

- Complete system includes wire, locking device and pre-assembled threaded stud end fitting
- Attaches to structures with threaded anchors or devices with threaded hole
- Connects directly to threaded devices in trapeze assemblies, light fixtures, HVAC assemblies or signage



Material: Steel, Polypropylene, Zinc Alloy

Finish: Electrogalvanized

Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope Length	Rod Size	Screw Length	Height	Width	Thickness	Angle	Static Load	Certifications
Wire Rope Diameter: 1.5 mm										
SLK15L1SEM6	196564	1 m	M6	25 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus
SLK15L1SEM8	196565	1 m	M8	45 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus
SLK15L2SEM6	196566	2 m	M6	25 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus
SLK15L2SEM8	196567	2 m	M8	45 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus
SLK15L3SEM6	196568	3 m	M6	25 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus
SLK15L3SEM8	196570	3 m	M8	45 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	cULus
Wire Rope Diameter: 2.0 mm										
SLK2L2SEM6	196558	2 m	M6	25 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	cULus
SLK2L2SEM8	196559	2 m	M8	45 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	cULus
SLK2L3SEM6	196560	3 m	M6	25 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	cULus
SLK2L3SEM8	196561	3 m	M8	45 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	cULus
SLK2L5SEM6	196562	5 m	M6	25 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	cULus
SLK2L5SEM8	196563	5 m	M8	45 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	cULus
Wire Rope Diameter: 3.0 mm										
SLK3L10SEM10	196721	10 m	M10	45 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	
SLK3L1SEM10	196717	1 m	M10	45 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	
SLK3L2SEM10	196718	2 m	M10	45 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	
SLK3L3SEM10	196719	3 m	M10	45 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	
SLK3L5SEM10	196720	5 m	M10	45 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	
SLK3L7SEM10	196729	7 m	M10	45 mm	62 mm	24 mm	16.0 mm	90° Max	890 N	

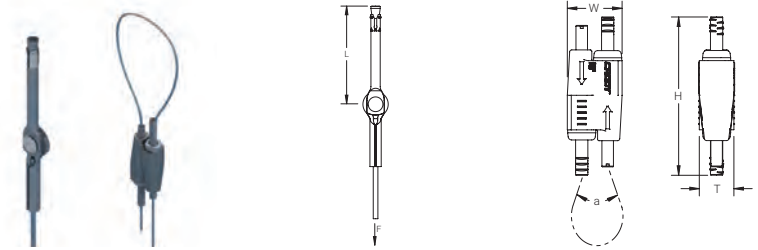
Speed Link Universal Support System

SPEED LINK SLK SYSTEM

SPEED LINK SLK WITH WEDGE ANCHOR

FEATURES

- Complete system includes wire, locking device and wedge anchor from Powers Fasteners, Inc.
- Quickly and easily attaches into cracked and non-cracked concrete
- No special tools required



Material: Steel, Polypropylene, Zinc Alloy

Finish: Electrogalvanized

Static Load Safety Factor: 5:1

Part Number	Article Number	Wire Rope Length	Length	Height	Width	Thickness	Angle	Static Load
Wire Rope Diameter: 2 mm								
SLK2L2WA6	196734	2 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N
SLK2L3WA6	196735	3 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N
SLK2L5WA6	196736	5 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N
SLK2L7WA6	196737	7 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N
Wire Rope Diameter: 3 mm								
SLK3L10WA6	196727	10 m	63.5 mm	62 mm	24 mm	16.0 mm	90° Max	890 N
SLK3L1WA6	196722	1 m	63.5 mm	62 mm	24 mm	16.0 mm	90° Max	890 N
SLK3L2WA6	196723	2 m	63.5 mm	62 mm	24 mm	16.0 mm	90° Max	890 N
SLK3L3WA6	196724	3 m	63.5 mm	62 mm	24 mm	16.0 mm	90° Max	890 N
SLK3L5WA6	196725	5 m	63.5 mm	62 mm	24 mm	16.0 mm	90° Max	890 N
SLK3L7WA6	196726	7 m	63.5 mm	62 mm	24 mm	16.0 mm	90° Max	890 N

Drill Bit Diameter	Drill Hole Depth
6 mm	60 mm

Uses Powers Fasteners, Inc. part number 7409SD1. For minimum fastener embedment depths in concrete, please consult www.powers.com.

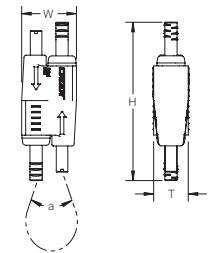
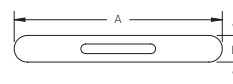
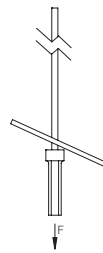
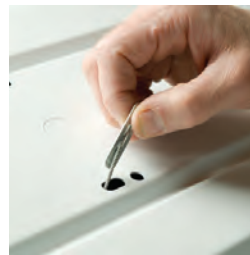
Speed Link Universal Support System

SPEED LINK SLK SYSTEM

SPEED LINK SLK WITH TOGGLE

FEATURES

- Complete system includes wire, locking device and pre-assembled toggle end fitting
- Attaches to clearance holes in a variety of structures or hanging devices
- Ideal for supporting lighting fixtures
- Also available in Y-toggle configuration



Material: Steel, Zinc Alloy, Polypropylene
Finish: Electrogalvanized
Static Load Safety Factor: 5:1
Wire Rope Diameter: 1.5 mm



Part Number	Article Number	Wire Rope Length	A	B	Static Load	Standard Packaging Quantity
SLK15L10T	196526	10 m	39 mm	5 mm	195 N	20 pc
SLK15L10TR2	196647	10 m	39 mm	5 mm	195 N	15 x 2 pc
SLK15L1T	196521	1 m	39 mm	5 mm	195 N	20 pc
SLK15L1TR2	196643	1 m	39 mm	5 mm	195 N	15 x 2 pc
SLK15L2T	196522	2 m	39 mm	5 mm	195 N	20 pc
SLK15L2TR2	196644	2 m	39 mm	5 mm	195 N	15 x 2 pc
SLK15L3T	196523	3 m	39 mm	5 mm	195 N	20 pc
SLK15L3TR2	196645	3 m	39 mm	5 mm	195 N	15 x 2 pc
SLK15L5T	196524	5 m	39 mm	5 mm	195 N	20 pc
SLK15L5TR2	196646	5 m	39 mm	5 mm	195 N	15 x 2 pc
SLK15L7T	196525	7 m	39 mm	5 mm	195 N	20 pc

Height	Width	Thickness	Angle
55 mm	19 mm	12.5 mm	90° Max

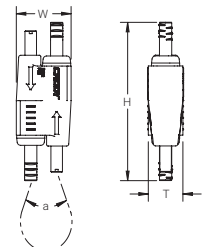
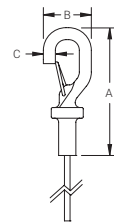
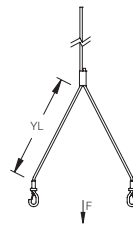
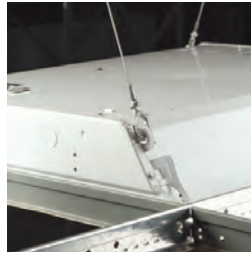
Speed Link Universal Support System

SPEED LINK SLK SYSTEM

SPEED LINK SLK WITH Y-HOOK

FEATURES

- Complete system includes wire, locking device and two pre-assembled hook end fittings
- Fastens to the building structure and hooks to hanging services and tray
- Spring latch helps provide secure connection
- Convenient design allows one hook to be temporarily detached for maintenance or to add cables to the tray
- Single drop with double hook provides increased stability to the system
- Also available in a single-hook end fitting configuration



Material: Steel, Zinc Alloy, Polypropylene
 Finish: Electrogalvanized
 Static Load Safety Factor: 5:1
 Wire Rope Diameter: 2 mm



Part Number	Article Number	Wire Rope Length	Wire Rope "Y" Length	A	B	C	Static Load	Standard Packaging Quantity
SLK2YH500L2	196549	2 m	500 mm	58.4 mm	22.9 mm	6.4 mm	440 N	10 pc
SLK2YH500L2R2	196649	2 m	500 mm	58.4 mm	22.9 mm	6.4 mm	440 N	15 x 2 pc
SLK2YH500L3	196550	3 m	500 mm	58.4 mm	22.9 mm	6.4 mm	440 N	10 pc
SLK2YH500L3R2	196650	3 m	500 mm	58.4 mm	22.9 mm	6.4 mm	440 N	15 x 2 pc
SLK2YH500L7	196551	7 m	500 mm	58.4 mm	22.9 mm	6.4 mm	440 N	10 pc
SLK2YH500L7R2	196651	7 m	500 mm	58.4 mm	22.9 mm	6.4 mm	440 N	15 x 2 pc

Height	Width	Thickness	Angle
55 mm	19 mm	12.5 mm	90° Max

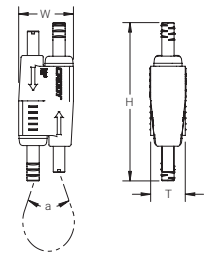
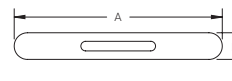
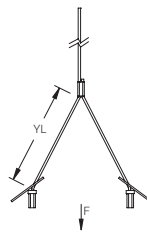
Speed Link Universal Support System

SPEED LINK SLK SYSTEM

SPEED LINK SLK WITH Y-TOGGLE

FEATURES

- Complete system includes wire, locking device and two pre-assembled toggle end fittings
- Attaches to clearance holes in a variety of structures or hanging devices
- Ideal for supporting lighting fixtures



Material: Steel, Zinc Alloy, Polypropylene

Finish: Electrogalvanized

Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope Length	Wire Rope "Y" Length	A	B	Static Load	Standard Packaging Quantity
Wire Rope Diameter: 1.5 mm							
SLK15Y300L3	196527	3 m	300 mm	39 mm	5 mm	195 N	20 pc
SLK15Y300L3R2	196648	3 m	300 mm	39 mm	5 mm	195 N	20 x 2 pc
SLK15Y500L3	196528	3 m	500 mm	39 mm	5 mm	195 N	20 pc
Wire Rope Diameter: 2.0 mm							
SLK2Y300L10	196557	10 m	300 mm	42 mm	8 mm	440 N	10 pc
SLK2Y300L2	196552	2 m	300 mm	42 mm	8 mm	440 N	10 pc
SLK2Y300L3	196553	3 m	300 mm	42 mm	8 mm	440 N	10 pc
SLK2Y300L5	196555	5 m	300 mm	42 mm	8 mm	440 N	10 pc
SLK2Y300L7	196556	7 m	300 mm	42 mm	8 mm	440 N	10 pc
SLK2Y500L3	196554	3 m	500 mm	42 mm	8 mm	440 N	10 pc

Height	Width	Thickness	Angle
55 mm	19 mm	12.5 mm	90° Max

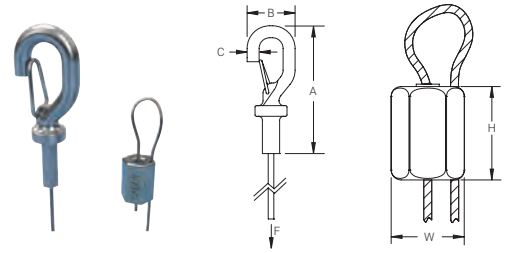
Speed Link Universal Support System

SPEED LINK LD SYSTEM

SPEED LINK LD WITH HOOK

FEATURES

- Complete system includes wire, locking device and pre-assembled hook end fitting
- Hooks to a wide range of nVent CADDY fasteners
- Fastens to the building structure or hanging services by looping around and hooking to wire rope
- Easy to remove for applications requiring maintenance
- Spring latch helps provide secure connection
- Insert cable through hole and use bottom side of hook as an end stop



Material: Stainless Steel 304 (EN 1.4301)

Static Load Safety Factor: 5:1

Wire Rope Diameter: 1.5 mm

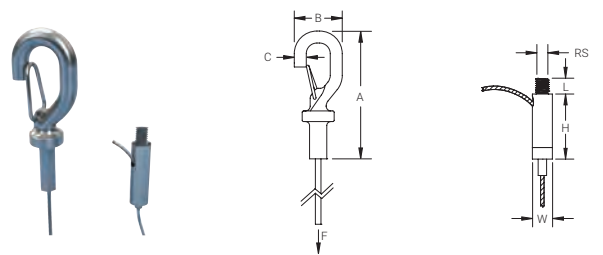


Part Number	Article Number	Wire Rope Length	A	B	C	Height	Width	Static Load	Standard Packaging Quantity
SLD15L10S	195945	10 m	58.4 mm	22.9 mm	6.4 mm	19 mm	12.7 mm	195 N	20 x 2 pc
SLD15L2S	195935	2 m	58.4 mm	22.9 mm	6.4 mm	19 mm	12.7 mm	195 N	20 x 2 pc
SLD15L5S	195940	5 m	58.4 mm	22.9 mm	6.4 mm	19 mm	12.7 mm	195 N	20 x 2 pc

SPEED LINK SLDM WITH HOOK

FEATURES

- Complete system includes wire, locking device and pre-assembled hook end fitting
- Ideal for supporting lighting, ductwork and other installation projects
- Sleek, low-profile locking device reduces visual impact
- Keyless locking device is adjustable even after installation



Material: Steel

Finish: Electrogalvanized

Static Load Safety Factor: 5:1

Wire Rope Diameter: 1.5 mm

Part Number	Article Number	Wire Rope Length	A	B	C	Static Load
SLDM615L1	196028	1 m	58.4 mm	22.9 mm	6.4 mm	195 N
SLDM615L2	196029	2 m	58.4 mm	22.9 mm	6.4 mm	195 N
SLDM615L3	196030	3 m	58.4 mm	22.9 mm	6.4 mm	195 N

Rod Size	Length	Height	Width
M6	7 mm	24.5 mm	9.2 mm

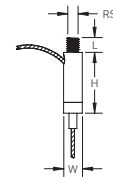
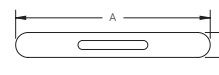
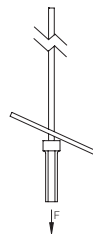
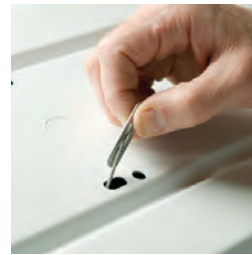
Speed Link Universal Support System

SPEED LINK SLDM SYSTEM

SPEED LINK SLDM WITH TOGGLE

FEATURES

- Complete system includes wire, locking device and pre-assembled toggle end fitting
- Attaches to clearance holes in a variety of structures or hanging devices
- Ideal for supporting lighting fixtures
- Sleek, low-profile locking device reduces visual impact
- Keyless locking device is adjustable even after installation



Material: Steel

Finish: Electrogalvanized

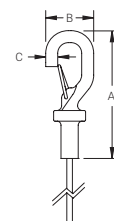
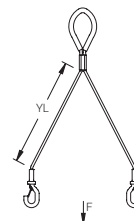
Wire Rope Diameter: 1.5 mm

Part Number	Article Number	Wire Rope Length	A	B	Rod Size	Rod Size	Rod Size	Rod Size	Static Load
SLDM615L2T	196044	2 m	39 mm	5 mm	M6	M6	M6	M6	195 N

SPEED LINK Y-HOOK WITH EYELET EXTENSION

FEATURES

- Double hook offers easy attachment to basket tray, cable tray or lighting
- Convenient design allows one hook to be temporarily detached for maintenance or to add cables to the tray
- Y-design provides improved stability
- Spring latch helps provide secure connection



Material: Steel

Finish: Electrogalvanized

Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope "Y" Length	A	B	C	Static Load
Wire Rope Diameter: 2 mm						
SLD2YH500	196015	500 mm	58.4 mm	22.9 mm	6 mm	440 N
SLD2YH800	196016	800 mm	58.4 mm	22.9 mm	6 mm	440 N
Wire Rope Diameter: 3 mm						
SLD3YH500	196017	500 mm	58.4 mm	22.9 mm	6 mm	880 N
SLD3YH800	195998	800 mm	58.4 mm	22.9 mm	6 mm	880 N

Speed Link locking device not included.

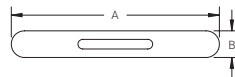
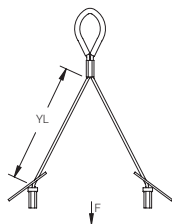
Speed Link Universal Support System

SPEED LINK EXTENSIONS

SPEED LINK Y-TOGGLE WITH EYELET EXTENSION

FEATURES

- Attaches to clearance holes in a variety of structures or hanging devices
- Ideal for supporting lighting fixtures
- Y-design provides improved stability



Material: Steel
Finish: Electrogalvanized
Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope "Y" Length	A	B	Static Load	Certifications	Standard Packaging Quantity
Wire Rope Diameter: 1.5 mm							
SLD15Y200	195999	200 mm	39 mm	5 mm	195 N	cULus	20 pc
SLD15Y300	196000	300 mm	39 mm	5 mm	195 N	cULus	20 pc
SLD15Y500	195960	500 mm	39 mm	5 mm	195 N	cULus	20 pc
SLD15Y500R2	196652	500 mm	39 mm	5 mm	195 N		15 x 2 pc
SLD15Y800	195965	800 mm	39 mm	5 mm	195 N	cULus	20 pc
SLD15Y800R2	196653	800 mm	39 mm	5 mm	195 N		15 x 2 pc
Wire Rope Diameter: 2.0 mm							
SLD2Y300	196036	300 mm	42 mm	8 mm	440 N	cULus	20 pc
SLD2Y500	176870	500 mm	42 mm	8 mm	440 N	cULus	20 pc

Speed Link locking device not included.

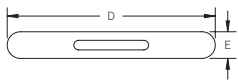
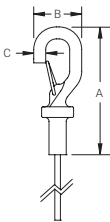
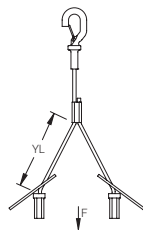
Speed Link Universal Support System

SPEED LINK EXTENSIONS

SPEED LINK Y-TOGGLE WITH HOOK EXTENSION

FEATURES

- Attaches to clearance holes in a variety of structures or hanging devices
- Ideal for supporting lighting fixtures
- Y-design provides improved stability
- Spring latch of hook helps provide secure connection
- Hooks to a wide range of nVent CADDY fasteners



Material: Steel
Finish: Electrogalvanized
Static Load Safety Factor: 5:1



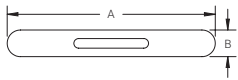
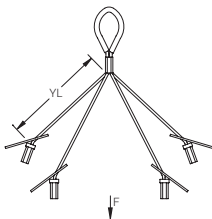
Part Number	Article Number	Wire Rope Diameter	Wire Rope Length	Wire Rope "Y" Length	A	B	C	D	E	Static Load
SLD2Y300L050H	196042	2 mm	50 mm	300 mm	58.4 mm	22.9 mm	6.4 mm	42 mm	8 mm	440 N

Speed Link locking device not included.

SPEED LINK QUAD-TOGGLE WITH EYELET EXTENSION

FEATURES

- Secure hanging solution for use on control access points, projectors, etc.



Material: Steel
Finish: Electrogalvanized
Static Load Safety Factor: 5:1



Part Number	Article Number	Wire Rope Diameter	Wire Rope "Y" Length	A	B	Static Load
SLD15QT250	196007	1.5 mm	250 mm	39 mm	5 mm	195 N

Speed Link locking device not included.

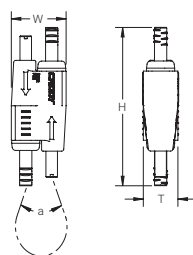
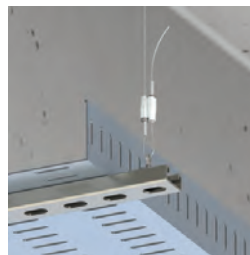
Speed Link Universal Support System

SPEED LINK ACCESSORIES

SPEED LINK SLK LOCKING DEVICE

FEATURES

- Push/pull keyless release allows easy adjustments
- Low-profile locking device minimizes visual impact
- Cable spread of 90 degrees allows positioning the device closer to the load
- Keyless release tubes are easy to operate while wearing gloves
- Double-sided locking mechanism enables simple height adjustment



Material: Steel, Polypropylene, Zinc Alloy

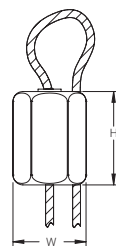
Part Number	Article Number	Wire Rope Diameter	Height	Width	Thickness	Angle	Standard Packaging Quantity
SLK2C200	196600	1.5 – 2.0 mm	55 mm	19 mm	12.5 mm	90° Max	200 pc
SLK3C200	196730	3.0 mm	62 mm	24 mm	16.0 mm	90° Max	200 pc

Locking devices are only to be used with Speed Link wire spools and accessories with the same specified Wire Rope Diameter as the locking device. Do not use with any other wires.

SPEED LINK LD LOCKING DEVICE

FEATURES

- Low-profile locking device minimizes visual impact
- Suitable for 1.5 mm Speed Link cable



Material: Stainless Steel 304
(EN 1.4301)

Part Number	Article Number	Wire Rope Diameter	Height	Width
SLJR200	196008	1.5 mm	19 mm	12.7 mm

The 1.5 mm locking devices are only to be used with the SLC15L1000SP and SLC15L50MSP wire spools, or any other 1.5 mm Speed Link accessories. Do not use with any other wires.

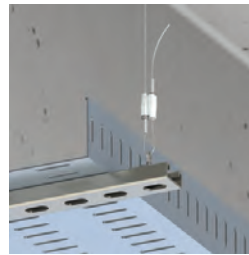
Speed Link Universal Support System

SPEED LINK ACCESSORIES

SPEED LINK SLK SPOOL KIT

FEATURES

- Kit includes spool of Speed Link steel wire and Speed Link SLK locking devices
- Wire spool and locking devices are packaged together, simplifying transportation to the jobsite and reducing inventory
- Wire rope constructed from seven bundles of seven strands each of steel aircraft wire
- Push/pull keyless release allows easy adjustments
- Low-profile locking device minimizes visual impact
- Cable spread of 90 degrees allows positioning the device closer to the load
- Keyless release tubes are easy to operate while wearing gloves
- Double-sided locking mechanism enables simple height adjustment



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Wire Rope Diameter	Length	Number of Locking Devices
SLK15L500PACK	196045	1.5 mm	150 m	100
SLK15L50MPACK	196046	1.5 mm	50 m	25

WIRE SPOOL

FEATURES

- Spool with Speed Link steel wire
- Wire rope constructed from seven bundles of seven strands each of steel aircraft wire



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Wire Rope Diameter	Length	Static Load
SLC15L1000SP	196001	1.5 mm	300 m	195 N
SLC15L50MSP	196023	1.5 mm	50 m	195 N
SLC2L1000SP	196002	2.0 mm	300 m	440 N
SLC3L1000SP	196003	3.0 mm	300 m	880 N

Speed Link Universal Support System

SPEED LINK ACCESSORIES

WIRE ROPE CUTTER

FEATURES

- Designed to reduce wire rope fraying



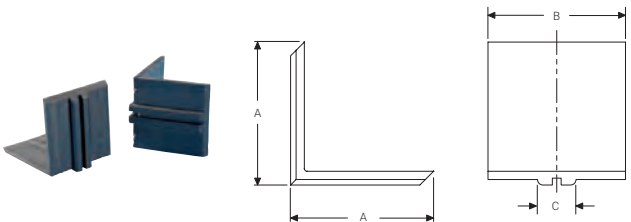
Material: Steel

Part Number	Article Number
SLWC	195853

AIR DUCT CORNER PROTECTOR

FEATURES

- Includes rib to keep the wire rope in place
- Prevents the wire rope from damaging the duct



Material: Polyvinylchloride
Color: Black

Part Number	Article Number	A	B	C
SLADCP	195851	52 mm	50 mm	14 mm

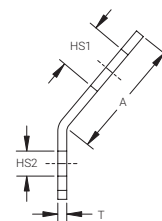
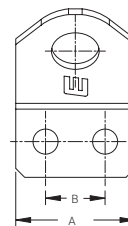
Speed Link Universal Support System

SPEED LINK ACCESSORIES

AIR DUCT SUPPORT ATTACHMENT

FEATURES

- Angled bracket for installation on to round or square duct
- Designed to accept Speed Link wire rope or hook



Material: Steel

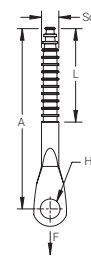
Finish: Electrogalvanized

Part Number	Article Number	Hole Size 1	Hole Size 2	A	B	Thickness
SLADS	195852	8 mm	4.2 mm	20 mm	10 mm	1.5 mm

CONCRETE FIXING EYEBOLT SCREW

FEATURES

- For use in concrete and brick
- Includes drill bit adaptor for easy installation



Material: Steel

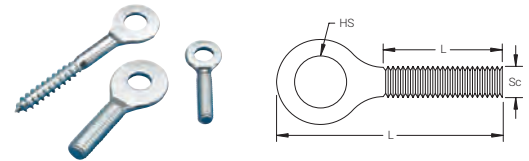
Finish: Electrogalvanized

Part Number	Article Number	Hole Size	Screw Diameter	Screw Length	A	Drill Bit Diameter	Static Load
CFEB05	195864	6.5 mm	H6	45 mm	60 mm	5 mm	700 N

Speed Link Universal Support System

SPEED LINK ACCESSORIES

EYE SCREW



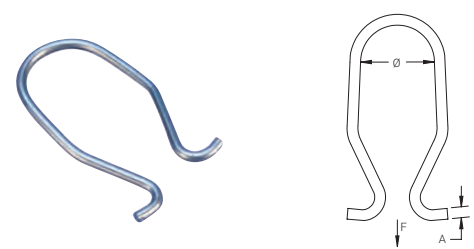
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length	Hole Size	Length
SLEBM6	195854	M6	20 mm	7.2 mm	37.5 mm
SLEBM8	195856	M8	25 mm	8.5 mm	50.0 mm
SLEBWS	195858	H6	32 mm	8.8 mm	60.0 mm

LIGHT DUTY LIGHT FIXTURE EYELET

FEATURES

- Inserts into openings of light fixture
- Hook or loop through lighting clip to suspend lighting from wire rope or chain



Material: Stainless Steel 302 (EN 1.4324)

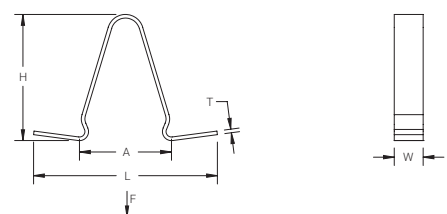
Part Number	Article Number	Diameter	A	Static Load
SLLC250	195863	8 mm	1.5 mm	55 N

Do not use light fixture eyelet as a lifting device.

MEDIUM DUTY LIGHT FIXTURE EYELET

FEATURES

- Inserts into openings of light fixture
- Hook or loop through lighting clip to suspend lighting from wire rope or chain



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Height	Length	Width	Thickness	A	Static Load
DFF1	172930	35 mm	51 mm	8 mm	1 mm	16.5 mm	125 N

Do not use light fixture eyelet as a lifting device.

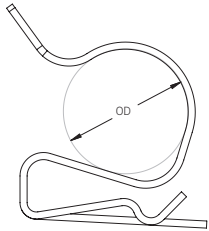
Speed Link Universal Support System

SPEED LINK ACCESSORIES

MC/AC CABLE CLIP

FEATURES

- Spring steel cable attachment
- Allows for electrical cable to be attached to Speed Link wire rope



Material: Spring Steel
Finish: Armour

Part Number	Article Number	Wire Rope Diameter	Outer Diameter
SL1214	195860	1.5 – 3.0 mm	11.8 – 14.2 mm
SL1518	195861	1.5 – 3.0 mm	12.7 – 18.2 mm

nVent CADDY Pyramid Rooftop Systems



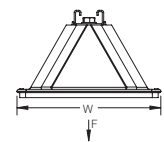
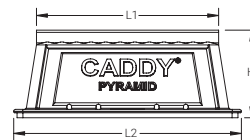
Pyramid Rooftop Systems

PYRAMID ST STRUT-BASED SUPPORTS

PYRAMID ST FIXED STRUT SUPPORT

FEATURES

- Provides superior support for pipe, conduit, duct, cable tray and equipment
- Foam bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Provides superior load distribution, even with varying rooftop surfaces
- Ready to use out of the box, saving installation time and labor
- Multiple sizes and load ratings offer the ability to tailor the solution to the application
- Easy to transport to the roof
- Hot-dip galvanized and UV stabilized for long lasting performance



Material: Polyethylene, Polypropylene, Steel

Finish: Hot-Dip Galvanized

Temperature: -45 to 65 °C

Static Load Safety Factor: 3:1

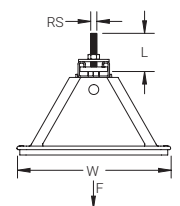
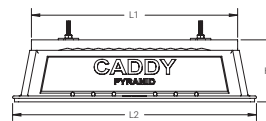
Part Number	Article Number	Length 1	Length 2	Height	Width	Surface Area	Unit Weight	Static Load
PSF10C	360464	254 mm	317.5 mm	122 mm	203 mm	59,355 mm ²	1.0 kg	4,450 N
PSF10D	360465	254 mm	317.5 mm	163 mm	203 mm	59,355 mm ²	1.5 kg	4,450 N
PSF16C	360466	406 mm	483.0 mm	122 mm	203 mm	91,613 mm ²	1.5 kg	6,670 N
PSF16D	360467	406 mm	483.0 mm	163 mm	203 mm	91,613 mm ²	2.0 kg	6,670 N
PSF6C	360463	152 mm	203.0 mm	122 mm	152 mm	26,452 mm ²	0.5 kg	1,334 N

Static load at 73.1 kPa (10.6 psi) roof loading. Contact project or roofing engineer for maximum allowable load on individual project roof system.

PYRAMID ST FIXED STRUT SUPPORT KIT

FEATURES

- Kit includes two Pyramid ST Fixed Strut Supports and four Strut T-Bolts
- Ideal for mounting A/C split units
- Foam bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Provides superior load distribution, even with varying rooftop surfaces
- Ready to use out of the box, saving installation time and labor
- Bases are hot-dip galvanized and UV stabilized for long lasting performance



Material: Polyethylene, Polypropylene, Steel

Finish: Hot-Dip Galvanized, Electro galvanized

Temperature: -45 to 65 °C

Static Load Safety Factor: 3:1

Part Number	Article Number	Length 1	Length 2	Height	Width	Rod Size	Screw Length	Surface Area	Unit Weight	Static Load
PSF16KM8	360507	406 mm	483 mm	122 mm	203 mm	M8	40 mm	91,613 mm ²	1.5 kg	13,340 N

Static load must be stable and uniformly distributed across both supports.

Pyramid Rooftop Systems

PYRAMID ST STRUT-BASED SUPPORTS

PYRAMID ST ADJUSTABLE STRUT SUPPORT

FEATURES

- Height adjustability provides effective navigation of pipe, conduit, duct and cable tray around obstructions
- Foam bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Provides superior load distribution, even with varying rooftop surfaces
- Ready to use out of the box, saving installation time and labor
- Multiple sizes and load ratings offer the ability to tailor the solution to the application
- Hot-dip galvanized and UV stabilized for long lasting performance

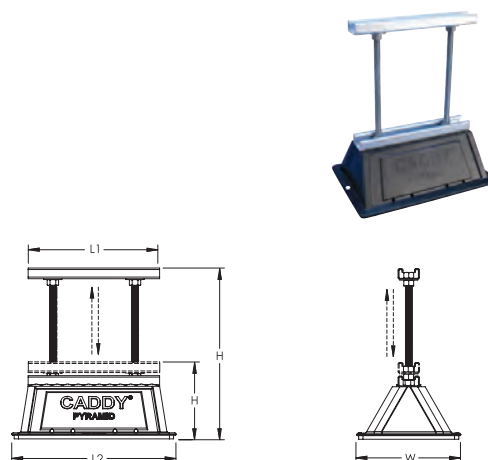
Material: Polyethylene, Polypropylene, Steel

Finish: Hot-Dip Galvanized

Temperature: -45 to 65 °C

Static Load Safety Factor: 3:1

Part Number	Article Number	Length 1	Length 2	Height	Width	Surface Area	Unit Weight	Static Load
PSA10CH13	360468	254 mm	317.5 mm	152 – 330 mm	203 mm	59,355 mm ²	2 kg	4,450 N
PSA16AH18	360469	406 mm	483.0 mm	178 – 457 mm	203 mm	91,613 mm ²	3 kg	6,670 N



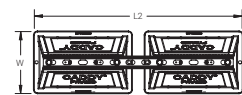
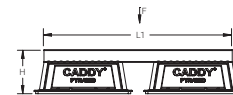
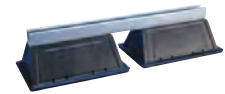
Pyramid Rooftop Systems

PYRAMID ST STRUT-BASED SUPPORTS

PYRAMID ST BRIDGE ASSEMBLY

FEATURES

- Ideal for supporting multiple pipe runs, cable tray and air handling units
- Foam bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Provides superior load distribution, even with varying rooftop surfaces
- Ready to use out of the box, saving installation time and labor
- Multiple sizes and load ratings offer the ability to tailor the solution to the application
- Hot-dip galvanized and UV stabilized for long lasting performance



Material: Polyethylene, Polypropylene, Steel

Finish: Hot-Dip Galvanized

Temperature: -45 to 65 °C

Static Load Safety Factor: 3:1

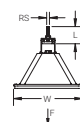
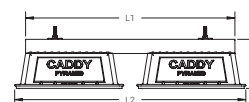
Part Number	Article Number	Length 1	Length 2	Height	Width	Surface Area	Unit Weight	Static Load
PSB24A	360475	610 mm	673 mm	142 mm	203 mm	118,709 mm ²	2 kg	8,900 N
PSB30A	360476	762 mm	826 mm	142 mm	203 mm	118,709 mm ²	3 kg	8,900 N
PSB36A	360477	914 mm	978 mm	142 mm	203 mm	118,709 mm ²	4 kg	8,900 N
PSB42A	360478	1,067 mm	1,143 mm	142 mm	203 mm	183,225 mm ²	4 kg	13,340 N
PSB48A	360479	1,219 mm	1,283 mm	142 mm	203 mm	183,225 mm ²	4 kg	13,340 N
PSB60A	360480	1,524 mm	1,588 mm	142 mm	203 mm	183,225 mm ²	6 kg	13,340 N

Static loads are assumed to be uniformly distributed.

PYRAMID ST BRIDGE ASSEMBLY KIT

FEATURES

- Kit includes two Pyramid ST Bridge Assemblies and four Strut T-Bolts
- Ideal for mounting A/C split units
- Foam bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Provides superior load distribution, even with varying rooftop surfaces
- Ready to use out of the box, saving installation time and labor
- Bases are hot-dip galvanized and UV stabilized for long lasting performance



Material: Polyethylene, Polypropylene, Steel

Finish: Hot-Dip Galvanized, Electro galvanized

Temperature: -45 to 65 °C

Static Load Safety Factor: 3:1

Part Number	Article Number	Length 1	Length 2	Height	Width	Surface Area	Unit Weight	Rod Size	Screw Length	Static Load
PSB24KM8	360508	610 mm	673 mm	142 mm	203 mm	118,709 mm ²	2 kg	M8	40 mm	17,800 N

Static load must be stable and uniformly distributed across both supports.

Pyramid Rooftop Systems

PYRAMID RL ROLLER-BASED SUPPORTS

PYRAMID RL FIXED ROLLER SUPPORT

FEATURES

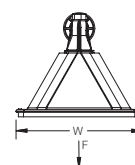
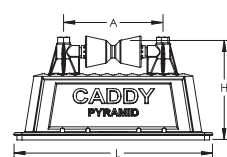
- Roller-based support designed specifically for rooftop applications
- Roller capability allows longitudinal movement of pipe, resulting from thermal expansion or contraction
- Polymeric rollers ensure corrosion free rotation
- Foam bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Ready to use out of the box, saving installation time and labor
- Hot-dip galvanized and UV stabilized for long lasting performance

Material: Polyethylene, Polypropylene, Steel

Finish: Hot-Dip Galvanized

Temperature: -45 to 65 °C

Static Load Safety Factor: 3:1

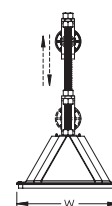
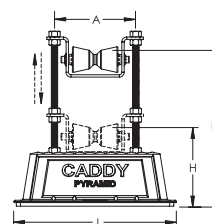


Part Number	Article Number	Pipe Size	NB/DN	Height	Length	Width	A	Surface Area	Unit Weight	Static Load
PRF2	360470	2" Max	50 Max	147 mm	203.0 mm	152 mm	114 mm	26,452 mm ²	0.5 kg	445 N
PRF3	360471	3" Max	80 Max	159 mm	317.5 mm	203 mm	159 mm	59,355 mm ²	1.0 kg	1,112 N
PRF6	360472	6" Max	150 Max	159 mm	483.0 mm	203 mm	260 mm	91,613 mm ²	1.5 kg	2,670 N

PYRAMID RL ADJUSTABLE ROLLER SUPPORT

FEATURES

- Height-adjustable roller-based support designed specifically for rooftop applications
- Height adjustability allows for effective navigation of pipe around obstructions
- Polymeric rollers ensure corrosion free rotation
- Foam bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Ready to use out of the box, saving installation time and labor
- Hot-dip galvanized and UV stabilized for long lasting performance



Material: Polyethylene, Polypropylene, Steel

Finish: Hot-Dip Galvanized

Temperature: -45 to 65 °C

Static Load Safety Factor: 3:1

Part Number	Article Number	Pipe Size	NB/DN	Height	Length	Width	A	Surface Area	Unit Weight	Static Load
PRA3H12	360473	3" Max	80 Max	152 – 305 mm	317.5 mm	203 mm	159 mm	59,355 mm ²	2 kg	1,112 N
PRA6H16	360474	6" Max	150 Max	165 – 406 mm	483.0 mm	203 mm	260 mm	91,613 mm ²	2 kg	2,670 N

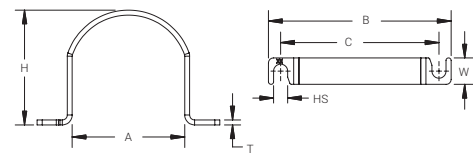
Pyramid Rooftop Systems

PYRAMID RL ROLLER-BASED SUPPORTS

RETAINER STRAP

FEATURES

- Prevents pipe from being dislodged from roller supports
- Innovative twist-lock design allows for easy installation without requiring hardware removal



Material: Steel

Finish: Hot-Dip Galvanized

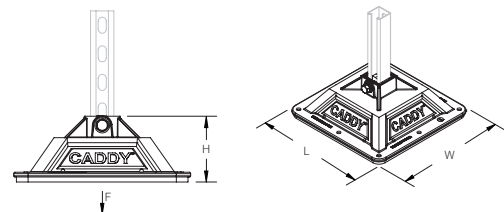
Part Number	Article Number	Pipe Size	NB/DN	Hole Size	Height	Width	Thickness	A	B	C
PRS2	360481	2" Max	50 Max	10.0 mm	81 mm	25 mm	4.8 mm	76.2 mm	134.2 mm	114 mm
PRS3	360482	3" Max	80 Max	13.5 mm	112 mm	25 mm	4.8 mm	109.2 mm	181.8 mm	159 mm
PRS6	360483	6" Max	150 Max	13.5 mm	188 mm	25 mm	4.8 mm	213.4 mm	285.4 mm	260 mm

Retainer straps must be used with roller supports that have an equivalent pipe size.

PYRAMID H-FRAME POST BASE

FEATURES

- Foam or rubber bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Provides superior load distribution, even with varying rooftop surfaces
- Rubber rooftop interface ideal for solar panel array installations
- Mounting hardware pre-installed in bases
- Hot-dip galvanized and UV stabilized for long lasting performance
- Accepts standard strut channels



Material: Polypropylene, Polyethylene, Steel

Finish: Hot-Dip Galvanized

Temperature: -34 to 54 °C

Static Load Safety Factor: 3:1

Part Number	Article Number	Rooftop Interface	Strut Type	Height	Length	Width	Surface Area	Unit Weight	Static Load
PHB	360422	Foam	A (41 x 41 mm)	117 mm	314 mm	314 mm	0.09 m ²	1.8 kg	3,335 N
PHBR	360423	Rubber	A (41 x 41 mm)	118 mm	314 mm	314 mm	0.10 m ²	2.0 kg	3,335 N

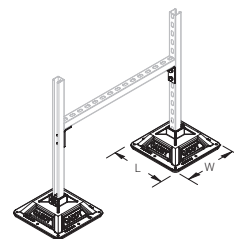
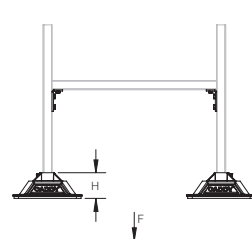
Pyramid Rooftop Systems

PYRAMID H-FRAME

PYRAMID H-FRAME KIT

FEATURES

- Foam or rubber bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Provides superior load distribution, even with varying rooftop surfaces
- Rubber rooftop interface ideal for solar panel array installations
- Kit includes 2 post bases with pre-installed mounting hardware, 6 bolts, 6 strut nuts, and 2 L-brackets to complete H-frame
- Hot-dip galvanized and UV stabilized for long lasting performance
- Accepts standard strut channels



Material: Polypropylene, Polyethylene

Temperature: -34 to 54 °C

Static Load Safety Factor: 3:1

Part Number	Article Number	Rooftop Interface	Strut Type	Height	Length	Width	Surface Area	Static Load
PHK	360420	Foam	A (41 x 41 mm)	117 mm	314 mm	314 mm	0.18 m ²	6,670 N
PHKR	360421	Rubber	A (41 x 41 mm)	118 mm	314 mm	314 mm	0.20 m ²	6,670 N

Static load represents 750 lb (3,335 N) per post base. The end user must select and evaluate the strut framing to ensure the assembled H-frame can properly support the applied load.

PYRAMID H-FRAME HARDWARE KIT

FEATURES

- Kit includes six bolts, six strut nuts, and two L-brackets to build custom multi-tier H-frame assemblies



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Screw Diameter
HFRMHDW	360424	M12

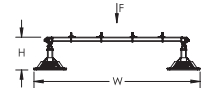
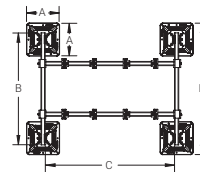
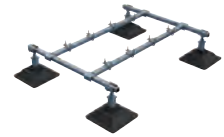
Pyramid Rooftop Systems

PYRAMID RL ROLLER-BASED SUPPORTS

PYRAMID EQUIPMENT SUPPORT KIT, 4 POST BASE

FEATURES

- Kit includes post-base assemblies, frame and equipment-support clamps
- Assembles and adjusts to size and height in minutes by one person with one tool
- Innovative crossbar and equipment-support clamps enable quick assembly
- Integral foam pad provides gentle interface for all roof types
- Hot-dip galvanized and UV stabilized for long lasting performance
- Assembled support can be lifted as one unit and easily relocated



Material: Steel, Polypropylene, Polyethylene

Finish: Hot-Dip Galvanized

Temperature: -34 to 54 °C

Height: 305 – 457 mm

Length: 1,257 mm

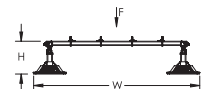
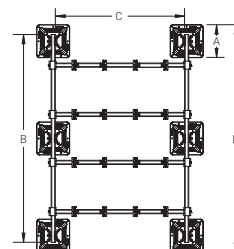
Part Number	Article Number	Post Base	Square Tube	Cross Bar Assembly	Width	Surface Area	Unit Weight	Ultimate Static Load
PEK4B	360426	314 mm x 4 pc	1,067 mm x 2 pc	1,232 mm x 2 pc	1,588 mm	0.36 m ²	36 kg	4,980 N

Static load must be stable and uniformly distributed across frame.

PYRAMID EQUIPMENT SUPPORT KIT, 6 POST BASE

FEATURES

- Kit includes post-base assemblies, frame and equipment-support clamps
- Assembles and adjusts to size and height in minutes by one person with one tool
- Innovative crossbar and equipment-support clamps enable quick assembly
- Integral foam pad provides gentle interface for all roof types
- Hot-dip galvanized and UV stabilized for long lasting performance
- Assembled support can be lifted as one unit and easily relocated



Material: Steel, Polypropylene, Polyethylene

Finish: Hot-Dip Galvanized

Temperature: -34 to 54 °C

Height: 305 – 457 mm

Length: 2,172 mm

Part Number	Article Number	Post Base	Square Tube	Cross Bar Assembly	Width	Surface Area	Unit Weight	Ultimate Static Load
PEK6B	360427	314 mm x 6 pc	1,981 mm x 2 pc	1,232 mm x 4 pc	1,588 mm	0.56 m ²	56 kg	9,960 N

Static load must be stable and uniformly distributed across frame.

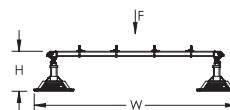
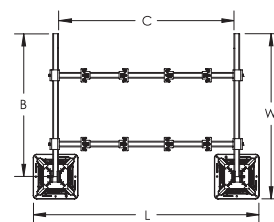
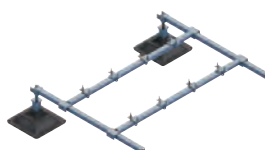
Pyramid Rooftop Systems

PYRAMID EQUIPMENT SUPPORTS

PYRAMID EQUIPMENT SUPPORT FRAME EXTENSION KIT

FEATURES

- Allows creation of custom equipment support lengths by attaching the Pyramid Extension Kit in series to a Pyramid Equipment Support Kit
- Kit includes two post-base assemblies, frame and equipment-support clamps for easy attachment to a Pyramid Equipment Support Kit
- Square tube and cross bars provide superior load and deflection capabilities over standard strut profiles
- Assembles and adjusts to size and height in minutes by one person with one tool
- Innovative crossbar and equipment-support clamps enable quick assembly
- Integral foam pad provides gentle interface for all roof types
- Hot-dip galvanized and UV stabilized for long lasting performance



Material: Steel, Polypropylene, Polyethylene

Finish: Hot-Dip Galvanized

Temperature: -34 to 54 °C

Height: 305 – 457 mm

Length: 1,588 mm

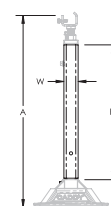
Part Number	Article Number	Post Base	Square Tube	Cross Bar Assembly	Width	Surface Area	Unit Weight	Ultimate Static Load
PEKEF	360493	305 mm x 2 pc	1,067 mm x 2 pc	1,232 mm x 2 pc	1,257 mm	0.18 m ²	28 kg	4,980 N

Static load must be stable and uniformly distributed across frame. Pyramid Equipment Support Frame Extension must be used in conjunction with a Pyramid Equipment Support Kit.

PYRAMID EQUIPMENT SUPPORT HEIGHT EXTENSION

FEATURES

- Increases the height between the equipment support frame and roof deck
- Inserts directly into Pyramid Equipment Support Bases



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Height	Width	A
PEH31	360494	568 mm	60 mm	762 – 914 mm

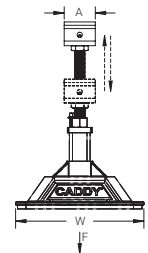
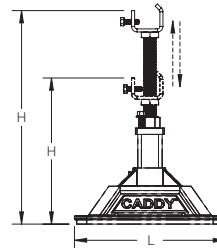
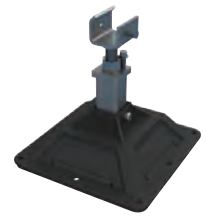
Pyramid Rooftop Systems

PYRAMID EQUIPMENT SUPPORTS

PYRAMID EQUIPMENT SUPPORT POST BASE

FEATURES

- Ideal for use with strut channel type A and U-shaped brackets to create custom equipment supports
- Height adjustable
- Foam bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Provides superior load distribution, even with varying rooftop surfaces
- Hot-dip galvanized and UV stabilized for long lasting performance



Material: Steel, Polypropylene, Polyethylene

Finish: Hot-Dip Galvanized

Temperature: -34 to 54 °C

Static Load Safety Factor: 3:1

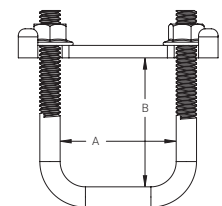
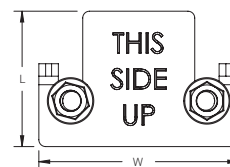
Part Number	Article Number	Height	Length	Width	A	Surface Area	Unit Weight	Static Load
PEB	360425	305 – 457 mm	314 mm	314 mm	76 mm	0.09 m ²	4 kg	3,340 N

The end user must select and evaluate the strut framing to ensure the custom assembled equipment support can properly support the applied load.

PYRAMID EQUIPMENT SUPPORT CLAMP

FEATURES

- Ideal for use with strut channel type A and square tube to create custom equipment supports
- Slotted design offers fast and easy installation



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Strut Type	Length	Width	A	B
PEC	360428	A (41 x 41 mm)	64 mm	95 mm	53 mm	58 mm

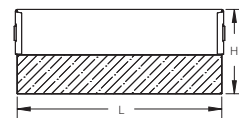
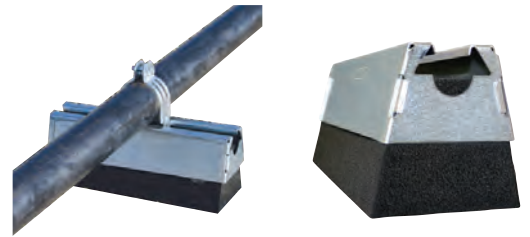
Pyramid Rooftop Systems

PYRAMID EZ RUBBER-BASED SUPPORT

PYRAMID 50 FOAM-BASED SUPPORT

FEATURES

- Replaces slow and labor-intensive installation methods
- Supports pipe, conduit, cable tray and equipment on roofs and below raised floors
- Easily increase load capacity by combining similar Pyramid supports
- Protects the roof membrane while absorbing shock and vibration, without absorbing water
- Metal cover protects against weather and other environmental conditions, such as bird damage



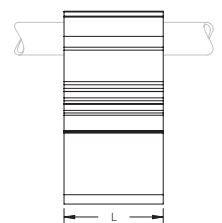
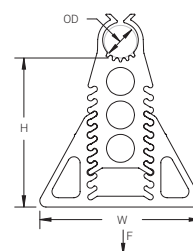
Material: Steel, Polyethylene
Static Load Safety Factor: 3:1

Part Number	Article Number	Height	Length	Width	Static Load
Finish: Electrogalvanized					
RPS50H4EG	182470	101 mm	264 mm	101 mm	220 N
RPS50H6EG	182480	152 mm	264 mm	127 mm	220 N
Finish: Hot-Dip Galvanized					
RPS50H4HD	182500	101 mm	264 mm	101 mm	220 N
RPS50H6HD	182510	152 mm	264 mm	127 mm	220 N

PYRAMID EZ RUBBER-BASED SUPPORT

FEATURES

- Quick height adjustment accommodates for uneven roofs or sloped condensate lines
- No tools or fasteners needed; fast snap-on installation
- Design sheds water and helps reduce pipe corrosion
- Roof-friendly; made of UV-stabilized EPDM material



Material: EPDM-SBR Rubber

Part Number	Article Number	NB/DN	Outer Diameter	Height	Length	Width	Unit Weight	Ultimate Static Load
RPSE1H24	182365	25	33 mm	45 – 102 mm	102 mm	152 mm	0.91 kg	756 N
RPSE1H57	182370	25	33 mm	127 – 178 mm	102 mm	152 mm	1.30 kg	756 N
RPSE2H46	182375	50	60 mm	102 – 152 mm	102 mm	152 mm	1.50 kg	1,112 N
RPSE4H46	182380	100	114 mm	100 – 150 mm	102 mm	240 mm	2.33 kg	3,920 N

Ultimate load at 1/4" (6.35 mm) deflection. Contact project or roofing engineer for maximum allowable load on individual project roof system.

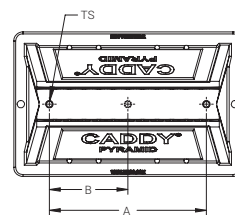
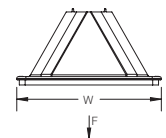
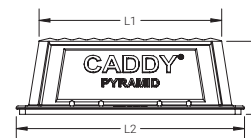
Pyramid Rooftop Systems

PYRAMID UNIVERSAL SUPPORT

PYRAMID UNIVERSAL SUPPORT

FEATURES

- Captive stainless steel nuts allow for custom attachment methods to the support base including easy attachment of stainless steel strut, threaded rod or other project-specific hardware
- Foam bottom offers low abrasion interface for better roof membrane protection
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Provides superior load distribution, even with varying rooftop surfaces
- Multiple sizes and load ratings offer the ability to tailor the solution to the application
- Base is manufactured from UV-stabilized thermoplastic material



Material: Polyethylene, Polypropylene, Stainless Steel 18-8 (EN 1.4305)

Temperature: -45 to 65 °C

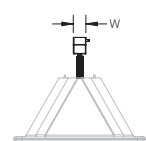
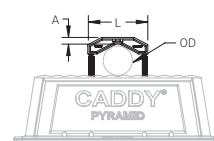
Static Load Safety Factor: 3:1

Part Number	Article Number	L1	L2	H	W	TS	Number of Holes	A	B	Surface Area	F
PBU10M	360496	254.0	317.5	101.6	203	M10	2	218.4		59,355	4,450
PBU16M	360497	406.0	483.0	101.6	203	M10	2	165.1		91,613	6,670
PBU6M	360495	139.7	203.0	101.6	152	M10	3	114.3	57.2	26,452	1,334

PYRAMID TOOL-FREE CLAMP

FEATURES

- Push-in clamps install without the need for additional tools or strut clamps
- Clamps come in two different sizes to fit project needs
- Plastic clamps and base will not corrode pipe



Material: Nylon

Temperature: -45 to 65 °C

Part Number	Article Number	Outer Diameter	Length	Width	A	Unit Weight
PTF1C	360484	12.7 – 22.4 mm	40.6 mm	19.1 mm	9.5 mm	0.01 kg
PTF2C	360485	21.3 – 60.3 mm	81.3 mm	19.1 mm	9.5 mm	0.02 kg

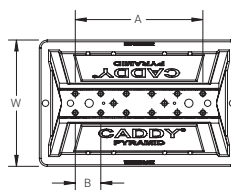
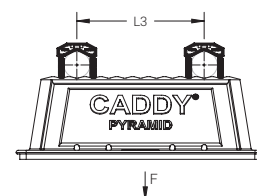
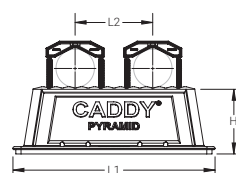
Pyramid Rooftop Systems

PYRAMID TOOL-FREE SUPPORTS

PYRAMID TOOL-FREE SUPPORT KIT

FEATURES

- Push-in clamps install without the need for additional tools or strut clamps
- Ready to use out of the box, saving installation time and labor
- Plastic clamps and base will not corrode pipe
- Clamps come in two different sizes to fit project needs
- Base includes multiple holes to accommodate a variety of clamp sizes and configurations
- Additional clamps can be purchased separately for additional pipe runs
- Foam bottom offers low abrasion interface for better roof membrane protection
- Provides superior load distribution, even with varying rooftop surfaces
- Compatible with roof surfaces including single ply, bituminous, metal and spray foam
- Multiple sizes and load ratings offer the ability to tailor the solution to the application
- Easy to transport to the roof



Material: Polyethylene, Polypropylene, Nylon

Temperature: -45 to 65 °C

Static Load Safety Factor: 3:1

Part Number	Article Number	L1	L2	L3	W	H	A	B	Surface Area	Unit Weight	F
PTF10	360461	317.5	121.9	162.6	203	101.6	203.2	40.6	59,355	0.5	4,450
PTF16	360462	482.6	203.2	243.8	203	101.6	284.5	40.6	91,613	1.0	6,670
PTF6	360460	203.2		81.3	152	101.6	121.9	40.6	26,452	0.3	1,334

Length 2 represents maximum pipe center to pipe center using PTF2C clamps. Length 3 represents maximum pipe center to pipe center using PTF1C clamps.

Part Number	Number of Clamps Included		Maximum Clamp Capacity	
	PTF1C	PTF2C	PTF1C	PTF2C
PTF6	1	-	3	1
PTF10	-	2	5	2
PTF16	-	2	7	3

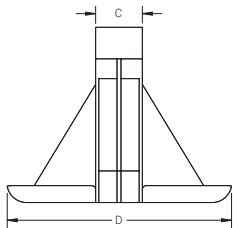
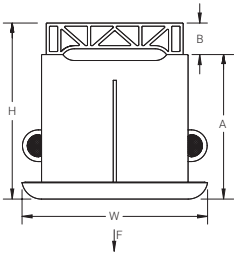
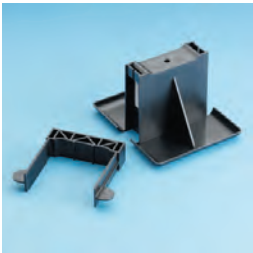
Pyramid Rooftop Systems

PYRAMID 25 PIPE AND CONDUIT SUPPORT, PLASTIC

PYRAMID 25 PIPE AND CONDUIT SUPPORT, PLASTIC

FEATURES

- Simple solution for supporting small pipes or conduit runs
- Lightweight plastic construction
- UV resistant, designed and tested for outdoor use
- No tools or fasteners needed for installation
- Rounded edges to help protect the roof membrane



Material: Acrylonitrile Butadiene Styrene

Part Number	Article Number	Height	Depth	Width	A	B	C	Static Load
PPRPS25H4	182450	112.7 mm	144.5 mm	119 mm	92.1 mm	20.6 mm	25.4 mm	111 N
PPRPS25H6	182460	163.5 mm	144.5 mm	119 mm	142.9 mm	20.6 mm	25.4 mm	111 N



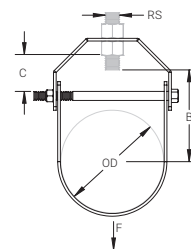
Mechanical

CLEVIS HANGERS

401 CLEVIS HANGER

FEATURES

- Recommended for the suspension of stationary non-insulated pipe lines
- Also commonly used for the suspension of insulated pipe lines
- Flared edges help prevent sharp surfaces from coming into contact with the pipe (1/2" to 2" pipe sizes)
- Clevis bottom pivots to allow pipe to be fed from either direction



Material: Steel

Finish: Electrogalvanized, Pregalvanized



Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Rod Size	A	B	C	Static Load	Certifications
4010050EG	179398	1/2"	15	21.0 mm	M10	59 mm	29.0 mm	9.0 mm	2,700 N	cULus
4010075EG	179399	3/4"	20	27.0 mm	M10	64 mm	32.0 mm	9.0 mm	2,700 N	cULus, FM
4010100EG	179420	1"	25	34.0 mm	M10	71 mm	35.0 mm	9.0 mm	2,700 N	cULus, FM
4010125EG	179421	1 1/4"	32	43.0 mm	M10	80 mm	40.0 mm	9.0 mm	2,700 N	cULus, FM
4010150EG	179422	1 1/2"	40	48.0 mm	M10	94 mm	53.0 mm	17.0 mm	2,700 N	cULus, FM
4010200EG	179423	2"	50	60.0 mm	M10	110 mm	63.0 mm	22.0 mm	2,700 N	cULus, FM
4010250EG	179424	2 1/2"	65	76.0 mm	M12	134 mm	78.0 mm	25.0 mm	5,000 N	cULus, FM
4010300EG	179425	3"	80	89.0 mm	M12	154 mm	90.0 mm	29.0 mm	5,000 N	cULus, FM
4010350EG	179521	3 1/2"	90	101.6 mm	M12	172 mm	101.0 mm	34.0 mm	5,000 N	cULus, FM
4010400EG	179426	4"	100	114.0 mm	M16	189 mm	111.0 mm	35.0 mm	5,000 N	cULus, FM
4010500EG	179427	5"	125	140.0 mm	M16	231 mm	130.0 mm	41.0 mm	6,400 N	cULus, FM
4010600EG	179428	6"	150	165.0 mm	M20	268 mm	153.0 mm	48.0 mm	8,600 N	cULus, FM
4010800EG	179429	8"	200	219.0 mm	M20	356 mm	204.0 mm	80.0 mm	8,900 N	cULus, FM
4011000EG	179430	10"	250	273.0 mm	M20	419 mm	230.0 mm	66.0 mm	16,000 N	
4011200EG	179431	12"	300	324.0 mm	M20	473 mm	258.0 mm	78.0 mm	17,000 N	
4011400EG	179432	14"	350	356.0 mm	M24	552 mm	311.0 mm	111.4 mm	18,700 N	
4011600EG	179433	16"	400	406.0 mm	M24	609 mm	342.8 mm	117.8 mm	20,500 N	
4011800EG	179434	18"	450	457.0 mm	M28	680 mm	380.6 mm	130.8 mm	21,400 N	
4012000EG	179435	20"	500	508.0 mm	M32	762 mm	432.3 mm	162.8 mm	21,400 N	
4012400EG	179436	24"	600	610.0 mm	M32	867 mm	472.9 mm	144.3 mm	21,400 N	

A shield is recommended for insulated pipe applications to effectively distribute the load.

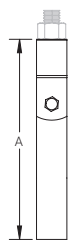
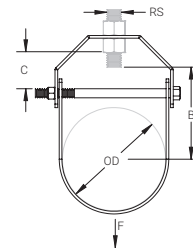
Mechanical

CLEVIS HANGERS

410 CLEVIS HANGER, LIGHT DUTY

FEATURES

- Recommended for the suspension of stationary non-insulated pipe lines
- Also commonly used for the suspension of insulated pipe lines
- Flared edges help prevent sharp surfaces from coming into contact with the pipe (1/2" to 8" pipe sizes)
- Clevis bottom pivots to allow pipe to be fed from either direction



Material: Steel

Finish: Electrogalvanized, Pregalvanized



Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Rod Size	A	B	C	Static Load
4100100EG	179400	1"	25	34 mm	M10	71 mm	35 mm	9 mm	1,100 N
4100125EG	179401	1 1/4"	32	43 mm	M10	80 mm	40 mm	9 mm	1,100 N
4100150EG	179402	1 1/2"	40	48 mm	M10	94 mm	53 mm	17 mm	1,100 N
4100200EG	179403	2"	50	60 mm	M10	110 mm	63 mm	22 mm	1,100 N
4100250EG	179404	2 1/2"	65	73 mm	M12	134 mm	78 mm	25 mm	1,550 N
4100300EG	179405	3"	80	89 mm	M12	154 mm	90 mm	29 mm	1,550 N
4100400EG	179406	4"	100	114 mm	M16	189 mm	111 mm	35 mm	2,200 N
4100500EG	179407	5"	125	140 mm	M16	231 mm	130 mm	41 mm	2,670 N
4100600EG	179408	6"	150	165 mm	M20	268 mm	153 mm	48 mm	3,550 N
4100800EG	179409	8"	200	219 mm	M20	340 mm	193 mm	62 mm	5,300 N

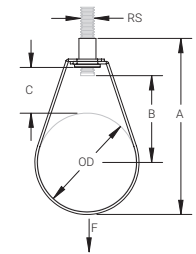
Mechanical

LOOP HANGERS

115 STANDARD DUTY LOOP HANGER

FEATURES

- Flared edges help prevent any sharp surfaces from coming into contact with the pipe (1/2" to 4" sizes)
- Retained insert nut helps ensure the loop hanger and insert nut stay together
- Recommended for the suspension of stationary non-insulated pipe lines
- Manufactured to use the minimum rod size permitted by NFPA® for fire sprinkler piping
- Conforms with Federal Specification WW-H-171 (Type 10), Manufacturers Standardization Society (MSS) SP-58 (Type 10)



Material: Steel
Finish: Pregalvanized



Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Rod Size	A	B	C	Static Load	Certifications
115M0050EG	597860	1/2"	15	21.3 mm	M10	71.0 mm	28.6 mm	25.4 mm	1,335 N	cULus, VdS
115M0075EG	597870	3/4"	20	26.9 mm	M10	75.9 mm	30.2 mm	23.9 mm	1,335 N	cULus, FM, VdS
115M0100EG	597880	1"	25	33.7 mm	M10	82.5 mm	34.9 mm	24.1 mm	1,335 N	cULus, FM, VdS
115M0125EG	597890	1 1/4"	32	42.4 mm	M10	90.6 mm	38.1 mm	24.1 mm	1,335 N	cULus, FM, VdS
115M0150EG	597900	1 1/2"	40	48.3 mm	M10	96.7 mm	41.3 mm	24.1 mm	1,335 N	cULus, FM, VdS
115M0200EG	597910	2"	50	60.3 mm	M10	108.6 mm	47.6 mm	23.9 mm	1,335 N	cULus, FM, VdS
115M0250EG	597920	2 1/2"	65	76.0 mm	M10	140.9 mm	70.8 mm	40.3 mm	2,340 N	cULus, FM, VdS
115M0300EG	597930	3"	80	89.0 mm	M10	166.3 mm	88.2 mm	49.7 mm	2,340 N	cULus, FM, VdS
115M0400EG	597940	4"	100	114.0 mm	M10	192.5 mm	100.9 mm	48.9 mm	2,890 N	cULus, FM, VdS
115M0500EG	597950	5"	125	140.0 mm	M12	232.7 mm	120.0 mm	57.1 mm	4,450 N	cULus, FM, VdS
115M0600EG	597960	6"	150	165.0 mm	M12	286.6 mm	160.4 mm	84.1 mm	4,450 N	cULus, FM, VdS
115M0800EG	597970	8"	200	219.0 mm	M12	327.1 mm	175.1 mm	73.4 mm	4,450 N	cULus, FM

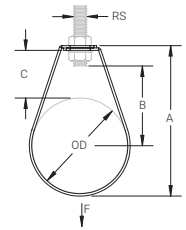
Mechanical

LOOP HANGERS

115N STANDARD DUTY LOOP HANGER, NO INSERT NUT

FEATURES

- Flared edges help prevent any sharp surfaces from coming into contact with the pipe (1/2" to 4" sizes)
- Recommended for the suspension of stationary non-insulated pipe lines
- Insert nut not included



Material: Steel

Finish: Pregalvanized



Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Rod Size	A	B	C	Static Load	Certifications
115N0050EG	598185	1/2"	15	21.3 mm	M10	56.9 mm	28.6 mm	28.7 mm	1,335 N	cULus, VdS
115N0075EG	598186	3/4"	20	26.9 mm	M10	62.2 mm	30.2 mm	28.7 mm	1,335 N	cULus, FM, VdS
115N0100EG	598187	1"	25	33.7 mm	M10	70.1 mm	34.9 mm	28.7 mm	1,335 N	cULus, FM, VdS
115N0125EG	598188	1 1/4"	32	42.4 mm	M10	75.9 mm	38.1 mm	28.7 mm	1,335 N	cULus, FM, VdS
115N0150EG	598189	1 1/2"	40	48.3 mm	M10	83.6 mm	41.3 mm	28.7 mm	1,335 N	cULus, FM, VdS
115N0200EG	598190	2"	50	60.3 mm	M10	94.7 mm	47.6 mm	28.7 mm	1,335 N	cULus, FM, VdS
115N0250EG	598191	2 1/2"	65	76.0 mm	M10	126.2 mm	70.8 mm	43.6 mm	2,340 N	cULus, FM, VdS
115N0300EG	598192	3"	80	89.0 mm	M10	151.6 mm	88.2 mm	49.7 mm	2,340 N	cULus, FM, VdS
115N0400EG	598193	4"	100	114.0 mm	M10	177.8 mm	100.9 mm	48.9 mm	2,890 N	cULus, FM, VdS
115N0500EG	598194	5"	125	140.0 mm	M12	214.4 mm	120.0 mm	60.4 mm	4,450 N	cULus, FM, VdS
115N0600EG	598195	6"	150	165.0 mm	M12	268.2 mm	160.4 mm	87.4 mm	4,450 N	cULus, VdS
115N0800EG	598196	8"	200	219.0 mm	M16	309.6 mm	175.1 mm	76.7 mm	4,450 N	cULus, VdS

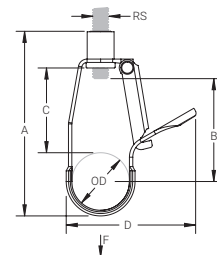
Mechanical

LOOP HANGERS

DROP-IN LOOP HANGER

FEATURES

- Next generation loop hanger revolutionizes the installation of pipe
- Once on the guide arm, the weight of the pipe opens the self-closing latch and effortlessly guides the pipe into place
- Integrated rubber sleeve is designed to reduce hanger rotation around the barrel nut
- Eliminates the need to disassemble the hanger or slide pipe during installation
- Allows prefabrication of complex assemblies with fittings, sprinkler heads, and branch lines that previously could not be installed in one piece
- Designed to reduce overhead work for a safer, less strenuous installation



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Rod Size	A	B	C	D	Static Load
DHM0100EG	598984	1"	25	33.7 mm	M10	111.1 mm	65.1 mm	55.6 mm	75.5 mm	1,334 N
DHM0125EG	598985	1 1/4"	32	42.4 mm	M10	127.0 mm	79.4 mm	63.5 mm	90.7 mm	1,334 N
DHM0150EG	598994	1 1/2"	40	48.3 mm	M10	139.7 mm	87.3 mm	69.9 mm	100.4 mm	1,334 N
DHM0200EG	598995	2"	50	60.3 mm	M10	163.5 mm	104.8 mm	82.6 mm	125.0 mm	1,334 N

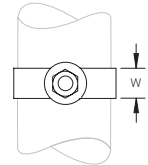
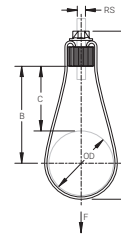
Mechanical

LOOP HANGERS

FCS HEIGHT ADJUSTABLE LOOP HANGER

FEATURES

- Includes cup nut and hex flange nut



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Pipe Size	NB/DN	OD	RS	W	A	B	C	F	Certifications
FCS0050M8	597961	1/2	15	21	M8	12	71	28	18	1,600	VdS
FCS0075M10	597968	3/4	20	27	M10	12	76	28	14	1,600	FM, VdS
FCS0075M8	597962	3/4	20	27	M8	12	74	28	14	1,600	VdS
FCS0100M10	597969	1	25	34	M10	12	84	33	16	1,600	FM, VdS
FCS0100M8	597963	1	25	34	M8	12	82	33	16	1,600	VdS
FCS0125M10	597971	1 1/4	32	43	M10	12	89	33	11	1,600	FM, VdS
FCS0125M8	597964	1 1/4	32	43	M8	12	87	33	11	1,600	VdS
FCS0150M10	597972	1 1/2	40	48	M10	12	97	38	14	1,600	FM, VdS
FCS0150M8	597965	1 1/2	40	48	M8	12	95	38	14	1,600	VdS
FCS0200M10	597973	2	50	60	M10	12	112	47	17	1,600	FM, VdS
FCS0200M8	597966	2	50	60	M8	12	110	47	17	1,600	VdS
FCS0250M10	597974	2 1/2	65	76	M10	15	139	64	26	2,500	FM, VdS
FCS0300M10	597975	3	80	89	M10	15	161	79	34	2,500	FM, VdS
FCS0400M10	597976	4	100	114	M10	15	203	108	51	2,500	FM, VdS
FCS0500M12	597977	5	125	140	M12	15	227	114	44	2,900	FM, VdS
FCS0600M12	597978	6	150	165	M12	15	272	146	63	4,000	FM, VdS
FCS0800M16	597979	8	200	219	M16	25	349	184	75	4,000	FM, VdS
FCS1000M20	597981	10	250	273	M20	25	480	279	143	6,500	VdS

FIXING SET FOR FCS LOOP HANGER

FEATURES

- Replacement cup nut for FCS loop hanger



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Pipe Size	NB/DN
FCSNUT10L	598153	M10	2 1/2" – 4"	65 – 100
FCSNUT10S	598152	M10	3/4" – 2"	20 – 50
FCSNUT12	598154	M12	5" – 6"	125 – 150
FCSNUT16	598155	M16	8"	200
FCSNUT20	598156	M20	10"	250
FCSNUT8	598151	M8	1/2" – 2"	15 – 50

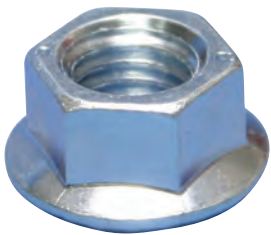
Mechanical

LOOP HANGERS

HEX FLANGE NUT

FEATURES

- ISO® 4161, CL. 8
- DIN 6923, CL. 8



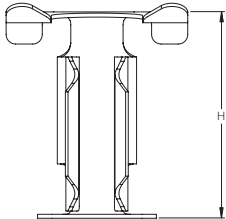
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Wrench Size
NUTFLM10	597983	M10	15 mm
NUTFLM8	597982	M8	13 mm

115 SURGE RESTRAINT

FEATURES

- Accommodates multiple sizes of 115 standard duty loop hangers
- Complies with NFPA® 13 standard by restricting the upward surge movement of activated fire sprinkler systems
- Grips the loop hanger, not the nut, allowing fine tuning for height adjustment
- Easily installs by hand before or after pipe is positioned in hanger



Material: Spring Steel
Finish: Armour



Part Number	Article Number	Pipe Size	Height
SR6	597865	1/2" – 2"	33 mm

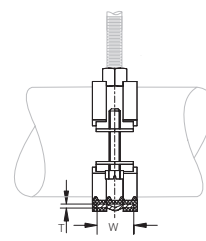
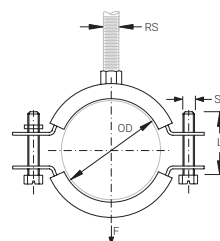
Mechanical

RUBBER LINED PIPE CLAMPS

MACROFIX 250 M8/M10

FEATURES

- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Material: EPDM-SBR Rubber, Steel

Finish: Electrogalvanized

Color: Black

Temperature: -50 to 110 °C



Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
MXD015	596460	12 – 15 mm	1/4"	8	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MXD019	596470	15 – 19 mm	3/8"	10	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MXD024	596480	20 – 24 mm	1/2"	15	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MXD030	596490	25 – 30 mm	3/4"	20	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MXD037	596500	32 – 37 mm	1"	25	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MXD045	596510	40 – 45 mm	1 1/4"	32	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MXD049	595859	44 – 49 mm			M8, M10	20 mm	2.0 mm	M6	20 mm	1,300 N
MXD053	595860	48 – 53 mm	1 1/2"	40	M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MXD058	595870	54 – 58 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MXD063	595880	59 – 63 mm	2"	50	M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MXD064	595885	62 – 64 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MXD073	596450	68 – 73 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MXD080	595890	75 – 80 mm	2 1/2"	65	M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MXD086	595900	82 – 86 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MXD091	595910	89 – 91 mm	3"	80	M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MXD103	595920	95 – 103 mm			M8, M10	23 mm	2.5 mm	M6	25 mm	1,300 N
MXD116	595930	108 – 116 mm	4"	100	M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MXD127	595940	121 – 127 mm			M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MXD135	595980	129 – 135 mm	5"	125	M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MXD141	595950	135 – 141 mm			M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MXD162	595960	159 – 162 mm			M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MXD168	595970	165 – 168 mm	6"	150	M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MXD202	595971	198 – 202 mm			M8, M10	25 mm	3.0 mm	M8	30 mm	2,500 N
MXD215	595972	210 – 215 mm			M8, M10	25 mm	3.0 mm	M8	30 mm	2,500 N
MXD220	595973	216 – 220 mm	8"	200	M8, M10	25 mm	3.0 mm	M8	30 mm	2,500 N
MXD227	595990	220 – 227 mm			M8, M10	30 mm	3.0 mm	M8	30 mm	2,700 N
MXD254	595991	249 – 254 mm			M8, M10	30 mm	3.0 mm	M8	30 mm	2,700 N
MXD280	595992	274 – 280 mm			M8, M10	30 mm	3.0 mm	M8	30 mm	2,700 N
MXD319	595993	313 – 319 mm			M8, M10	30 mm	3.0 mm	M8	30 mm	2,700 N

Lining is EPDM rubber.

Mechanical

RUBBER LINED PIPE CLAMPS

MACROFIX 250 M8

FEATURES

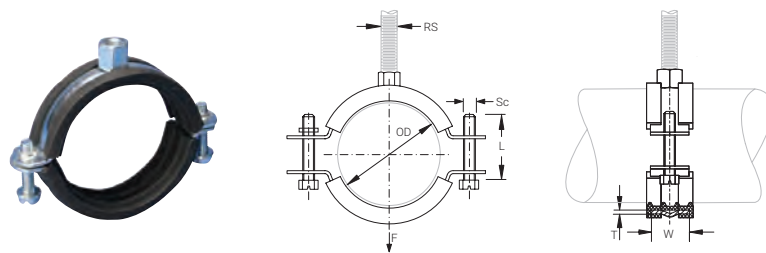
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01

Temperature: -50 to 110 °C

Material: EPDM-SBR Rubber, Steel

Finish: Electrogalvanized

Color: Black



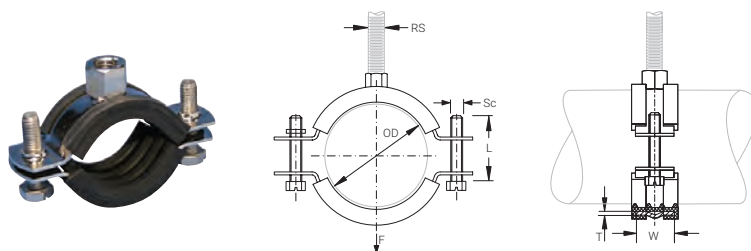
Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
MXE015	595800	12 – 15 mm	1/4"	8	M8	20 mm	1.5 mm	M6	20 mm	1,000 N
MXE019	595810	15 – 19 mm	3/8"	10	M8	20 mm	1.5 mm	M6	20 mm	1,000 N
MXE024	595820	20 – 24 mm	1/2"	15	M8	20 mm	1.5 mm	M6	20 mm	1,000 N
MXE030	595830	25 – 30 mm	3/4"	20	M8	20 mm	1.5 mm	M6	20 mm	1,000 N
MXE037	595840	32 – 37 mm	1"	25	M8	20 mm	1.5 mm	M6	20 mm	1,000 N
MXE045	595850	40 – 45 mm	1 1/4"	32	M8	20 mm	1.5 mm	M6	25 mm	1,000 N
MXE049	595858	44 – 49 mm			M8	20 mm	2.0 mm	M6	25 mm	1,300 N
MXE053	595851	48 – 53 mm	1 1/2"	40	M8	20 mm	2.0 mm	M6	25 mm	1,300 N
MXE058	595852	54 – 58 mm			M8	20 mm	2.0 mm	M6	25 mm	1,300 N
MXE063	595853	59 – 63 mm	2"	50	M8	20 mm	2.0 mm	M6	25 mm	1,300 N

Lining is EPDM rubber.

MACROFIX, STAINLESS STEEL

FEATURES

- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Material: Stainless Steel 316 (EN 1.4401), EPDM-SBR Rubber

Finish: Electropolished

Temperature: -50 to 110 °C

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
MXE015S6	595595	12 – 15 mm	1/4"	8	M8	20 mm	1.5 mm	M6	20 mm	1,000 N
MXE019S6	595600	15 – 19 mm	3/8"	10	M8	20 mm	1.5 mm	M6	20 mm	1,000 N
MXE024S6	595610	20 – 24 mm	1/2"	15	M8	20 mm	1.5 mm	M6	20 mm	1,000 N
MXE030S6	595620	25 – 30 mm	3/4"	20	M8	20 mm	1.5 mm	M6	20 mm	1,000 N
MXE037S6	595630	32 – 37 mm	1"	25	M8	20 mm	1.5 mm	M6	20 mm	1,000 N
MXE045S6	595640	40 – 45 mm	1 1/4"	32	M8	20 mm	1.5 mm	M6	25 mm	1,000 N
MXE049S6	595645	44 – 49 mm			M8	20 mm	1.5 mm	M6	25 mm	1,300 N
MXE053S6	595650	48 – 53 mm	1 1/2"	40	M8	20 mm	1.5 mm	M6	25 mm	1,300 N
MXE058S6	595660	54 – 58 mm			M8	20 mm	1.5 mm	M6	25 mm	1,300 N
MXE063S6	595670	59 – 63 mm	2"	50	M8	20 mm	1.5 mm	M6	25 mm	1,300 N
MXE064S6	595675	62 – 64 mm			M8	25 mm	2.0 mm	M6	25 mm	1,300 N
MXE073S6	595680	68 – 73 mm			M8	25 mm	2.0 mm	M6	25 mm	1,300 N
MXE080S6	595690	75 – 80 mm	2 1/2"	65	M8	25 mm	2.0 mm	M6	25 mm	1,300 N
MXE086S6	595695	82 – 86 mm			M8	25 mm	2.0 mm	M6	25 mm	1,300 N
MXT091S6	595700	89 – 91 mm	3"	80	M10	25 mm	2.0 mm	M6	25 mm	1,300 N
MXT103S6	595710	95 – 103 mm			M10	25 mm	2.0 mm	M6	25 mm	1,300 N

Mechanical

RUBBER LINED PIPE CLAMPS

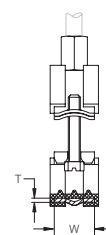
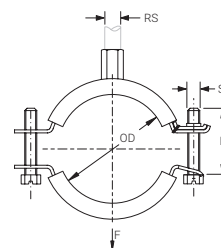
Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
MXT116S6	595720	108 – 116 mm	4"	100	M10	25 mm	2.5 mm	M6	25 mm	2,200 N
MXT127S6	595730	121 – 127 mm			M10	25 mm	2.5 mm	M6	25 mm	2,200 N
MXT135S6	595740	129 – 135 mm			M10	25 mm	2.5 mm	M6	25 mm	2,200 N
MXT141S6	595750	135 – 141 mm	5"	125	M10	25 mm	2.5 mm	M6	25 mm	2,200 N
MXT162S6	595755	159 – 162 mm			M10	25 mm	2.5 mm	M6	25 mm	2,200 N
MXT168S6	595760	165 – 168 mm	6"	150	M10	25 mm	2.5 mm	M6	25 mm	2,200 N
MXT202S6	595770	198 – 202 mm			M10	30 mm	3.0 mm	M8	25 mm	2,500 N
MXT215S6	595775	210 – 215 mm			M10	30 mm	3.0 mm	M8	25 mm	2,500 N
MXT220S6	595780	216 – 220 mm	8"	200	M10	30 mm	3.0 mm	M8	25 mm	2,500 N

Lining is EPDM rubber.

MACROFIX PLUS

FEATURES

- Includes easy closing mechanism
- Age-resistant lining
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Material: EPDM-SBR Rubber, Steel

Finish: Electrogalvanized

Color: Black

Temperature: -50 to 110 °C

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
MPD014	400078	12 – 14 mm	1/4"	8	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MPD019	400079	15 – 19 mm	3/8"	10	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MPD023	400080	21 – 23 mm	1/2"	15	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MPD028	400081	26 – 28 mm	3/4"	20	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MPD035	400082	32 – 35 mm	1"	25	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MPD043	400083	40 – 43 mm	1 1/4"	32	M8, M10	20 mm	1.5 mm	M6	20 mm	1,000 N
MPD049	400084	44 – 49 mm	1 1/2"	40	M8, M10	20 mm	2.0 mm	M6	20 mm	1,300 N
MPD056	400085	50 – 56 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MPD061	400086	57 – 61 mm	2"	50	M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MPD067	400087	63 – 67 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MPD073	400088	70 – 73 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MPD080	400089	74 – 80 mm	2 1/2"	65	M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MPD091	400090	83 – 91 mm	3"	80	M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MPD106	400091	101 – 106 mm			M8, M10	23 mm	2.5 mm	M6	25 mm	2,200 N
MPD114	400092	108 – 114 mm	4"	100	M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MPD116	400093	115 – 116 mm			M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MPD127	400094	123 – 127 mm			M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MPD135	400095	131 – 135 mm			M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MPD139	400096	136 – 139 mm	5"	125	M8, M10	23 mm	2.5 mm	M8	25 mm	2,200 N
MPD144	400097	140 – 144 mm			M8, M10	23 mm	2.5 mm	M8	30 mm	2,200 N
MPD163	400098	159 – 163 mm			M8, M10	23 mm	2.5 mm	M8	30 mm	2,200 N
MPD169	400099	165 – 169 mm	6"	150	M8, M10	23 mm	2.5 mm	M8	30 mm	2,200 N
MPD200	400100	193 – 200 mm			M8, M10	25 mm	3.0 mm	M8	30 mm	2,200 N
MPD212	400101	210 – 212 mm			M8, M10	25 mm	3.0 mm	M8	30 mm	2,200 N

Lining is EPDM rubber.

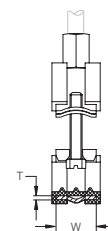
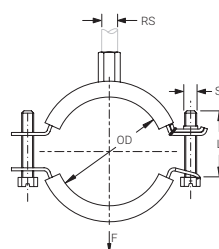
Mechanical

RUBBER LINED PIPE CLAMPS

MACROFIX PLUS HT HIGH TEMPERATURE

FEATURES

- Includes silicon rubber lining suitable for high temperature
- Contains easy closing mechanism
- Multifunction screw with hexagonal combination head (slot and crosshead)
- Age-resistant lining
- Category I noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Material: Silicon Rubber, Steel

Finish: Electrogalvanized

Color: Red

Temperature: -40 to 200 °C

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
MPH023	402080	21 – 23 mm	1/2"	15	M8, M10	20 mm	1.5 mm	M6	25 mm	1,000 N
MPH028	402081	26 – 28 mm	3/4"	20	M8, M10	20 mm	1.5 mm	M6	25 mm	1,000 N
MPH035	402082	32 – 35 mm	1"	25	M8, M10	20 mm	1.5 mm	M6	25 mm	1,000 N
MPH043	402083	40 – 43 mm	1 1/2"	40	M8, M10	20 mm	1.5 mm	M6	25 mm	1,000 N
MPH049	402084	44 – 49 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,300 N
MPH056	402085	50 – 56 mm	1 1/2"	40	M8, M10	20 mm	2.0 mm	M6	30 mm	1,300 N
MPH061	402086	57 – 61 mm	2"	50	M8, M10	20 mm	2.0 mm	M6	30 mm	1,300 N
MPH067	402087	63 – 67 mm			M8, M10	20 mm	2.0 mm	M6	30 mm	1,300 N
MPH073	402088	70 – 73 mm			M8, M10	20 mm	2.0 mm	M6	30 mm	1,300 N

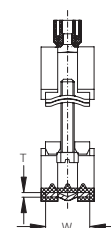
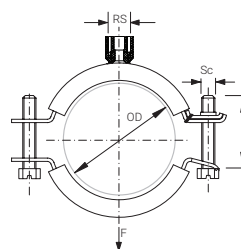
Mechanical

RUBBER LINED PIPE CLAMPS

MACROFIX PLUS KOMBI WITH COMBINATION NUT

FEATURES

- Includes easy closing mechanism
- Age-resistant lining
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Rod Size: M8, M10, 1/2"

Color: Black

Temperature: -50 to 110 °C

Material: EPDM-SBR Rubber; Steel

Finish: Electrogalvanized

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Width	Thickness	Screw Diameter	Screw Length	Static Load
MPK014	401900	12 – 14 mm	1/4"	8	20 mm	1.5 mm	M6	20 mm	1,000 N
MPK019	401901	15 – 19 mm	3/8"	10	20 mm	1.5 mm	M6	20 mm	1,000 N
MPK023	401902	21 – 23 mm	1/2"	15	20 mm	1.5 mm	M6	20 mm	1,000 N
MPK028	401903	26 – 28 mm	3/4"	20	20 mm	1.5 mm	M6	20 mm	1,000 N
MPK035	401904	32 – 35 mm	1"	25	20 mm	1.5 mm	M6	20 mm	1,000 N
MPK043	401905	40 – 43 mm	1 1/4"	32	20 mm	1.5 mm	M6	20 mm	1,000 N
MPK049	401906	44 – 49 mm			20 mm	2.0 mm	M6	20 mm	1,300 N
MPK056	401907	48 – 52 mm	1 1/2"	40	20 mm	2.0 mm	M6	25 mm	1,300 N
MPK061	401908	57 – 61 mm	2"	50	20 mm	2.0 mm	M6	25 mm	1,300 N
MPK067	401909	63 – 67 mm			20 mm	2.0 mm	M6	25 mm	1,300 N
MPK073	401910	70 – 73 mm			20 mm	2.0 mm	M6	25 mm	1,300 N
MPK080	401911	74 – 80 mm	2 1/2"	65	20 mm	2.0 mm	M6	25 mm	1,300 N
MPK091	401912	83 – 91 mm	3"	80	20 mm	2.0 mm	M6	25 mm	1,300 N
MPK106	401913	101 – 106 mm			23 mm	2.5 mm	M6	25 mm	2,200 N
MPK114	401914	108 – 114 mm	4"	100	23 mm	2.5 mm	M8	25 mm	2,200 N
MPK116	401915	115 – 116 mm			23 mm	2.5 mm	M8	25 mm	2,200 N
MPK127	401916	123 – 127 mm			23 mm	2.5 mm	M8	25 mm	2,200 N
MPK135	401917	131 – 135 mm			23 mm	2.5 mm	M8	25 mm	2,200 N
MPK139	401918	136 – 139 mm	5"	125	23 mm	2.5 mm	M8	25 mm	2,200 N
MPK144	401919	140 – 144 mm			23 mm	2.5 mm	M8	30 mm	2,200 N
MPK163	401920	159 – 163 mm			23 mm	2.5 mm	M8	30 mm	2,200 N
MPK169	401921	165 – 169 mm	6"	150	23 mm	2.5 mm	M8	30 mm	2,200 N
MPK200	401922	193 – 200 mm			25 mm	3.0 mm	M8	30 mm	2,500 N
MPK212	401923	210 – 212 mm			25 mm	3.0 mm	M8	30 mm	2,500 N
MPK220	401924	216 – 220 mm			25 mm	3.0 mm	M8	30 mm	2,500 N

Lining is EPDM rubber.

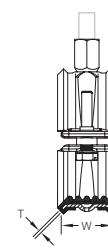
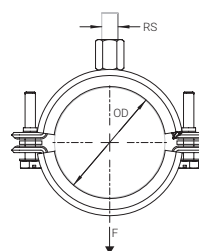
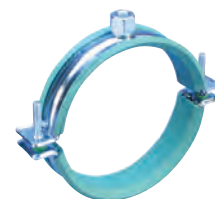
Mechanical

RUBBER LINED PIPE CLAMPS

MACROFIX PLUS LF LOW-FRICTION

FEATURES

- Includes easy closing mechanism
- Age resistant lining designed specifically for plastic pipe applications
- Low-friction properties allow for expansion, contraction and easy sliding of pipe
- Conforms with Manufacturers Standardization Society (MSS) SP-58 (Type 12)
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109



Material: Steel, EPDM-SBR Rubber

Finish: Electrogalvanized

Color: Green

Temperature: -50 to 110 °C

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Plastic Pipe Size	Rod Size	Width	Thickness	Static Load
MPL016	595035	16 mm	3/8"	10		M8, M10	30 mm	1.5 mm	1,125 N
MPL020	595036	20 mm	1/2"	15	20 mm	M8, M10	30 mm	1.5 mm	1,125 N
MPL025	595037	25 mm	3/4"	20	25 mm	M8, M10	30 mm	1.5 mm	1,125 N
MPL032	595038	32 mm	1"	25	32 mm	M8, M10	30 mm	1.5 mm	1,125 N
MPL040	595039	40 mm	1 1/4"	32	40 mm	M8, M10	30 mm	1.5 mm	1,125 N
MPL050	595040	50 mm	1 1/2"	40	50 mm	M8, M10	30 mm	2.0 mm	1,725 N
MPL056	595041	56 mm				M8, M10	30 mm	2.0 mm	1,725 N
MPL063	595042	63 mm	2"	50	63 mm	M8, M10	30 mm	2.0 mm	1,725 N
MPL067	595068	67 mm				M8, M10	30 mm	2.0 mm	1,725 N
MPL075	595043	75 mm	2 1/2"	65	75 mm	M8, M10	30 mm	2.0 mm	1,725 N
MPL090	595044	90 mm	3"	80	90 mm	M8, M10	30 mm	2.0 mm	1,725 N
MPL110	595045	110 mm	4"	100	110 mm	M8, M10	30 mm	2.5 mm	2,000 N
MPL125	595046	125 mm			125 mm	M8, M10	30 mm	2.5 mm	2,000 N
MPL140	595047	140 mm	5"	125		M8, M10	30 mm	2.5 mm	2,000 N
MPL160	595048	160 mm			160 mm	M8, M10	30 mm	2.5 mm	2,000 N

Lining is EPDM rubber.

Mechanical

RUBBER LINED PIPE CLAMPS

SUPERFIX EZ LIGHT DUTY

FEATURES

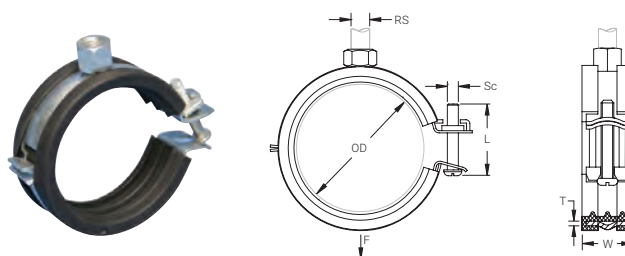
- Includes easy closing mechanism
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01

Material: EPDM-SBR Rubber, Steel

Finish: Electrogalvanized

Color: Black

Temperature: -50 to 110 °C



Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
SXZ014	401214	12 – 14 mm	1/4"	8	M8	20 mm	1 mm	M5	25 mm	200 N
SXZ019	401215	15 – 19 mm	3/8"	10	M8	20 mm	1 mm	M5	25 mm	200 N
SXZ023	401216	21 – 23 mm	1/2"	15	M8	20 mm	1 mm	M5	25 mm	200 N
SXZ028	401217	25 – 28 mm	3/4"	20	M8	20 mm	1 mm	M5	25 mm	200 N
SXZ035	401218	32 – 35 mm	1"	25	M8	20 mm	1 mm	M5	25 mm	300 N
SXZ043	401219	40 – 43 mm	1 1/4"	32	M8	20 mm	1 mm	M5	25 mm	300 N
SXZ049	401220	44 – 49 mm	1 1/2"	40	M8	20 mm	1 mm	M5	25 mm	400 N
SXZ055	401221	50 – 55 mm			M8	20 mm	1 mm	M5	25 mm	500 N
SXZ061	401222	57 – 61 mm	2"	50	M8	20 mm	1 mm	M5	25 mm	500 N

Lining is EPDM rubber.

SUPERFIX 243 M8

FEATURES

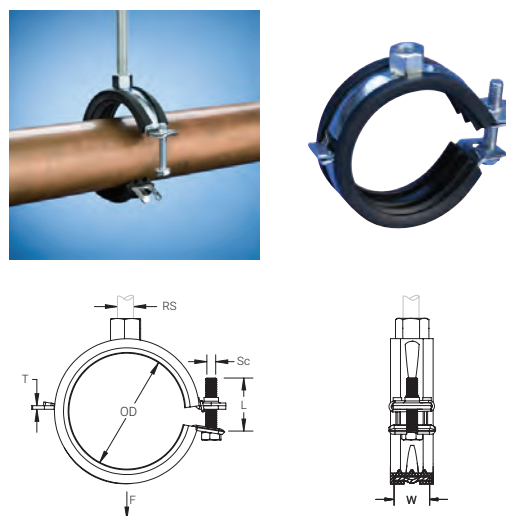
- Includes easy closing mechanism
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01

Material: EPDM-SBR Rubber, Steel

Finish: Electrogalvanized

Color: Black

Temperature: -50 to 110 °C



Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
SXE014	400055	12 – 14 mm	1/4"	8	M8	20 mm	1.5 mm	M6	25 mm	1,000 N
SXE019	400056	15 – 19 mm	3/8"	10	M8	20 mm	1.5 mm	M6	25 mm	1,000 N
SXE023	400057	21 – 23 mm	1/2"	15	M8	20 mm	1.5 mm	M6	25 mm	1,000 N
SXE028	400058	26 – 28 mm	3/4"	20	M8	20 mm	1.5 mm	M6	25 mm	1,000 N
SXE035	400059	32 – 35 mm	1"	25	M8	20 mm	1.5 mm	M6	30 mm	1,000 N
SXE043	400060	40 – 43 mm	1 1/4"	32	M8	20 mm	1.5 mm	M6	30 mm	1,000 N
SXE049	400061	44 – 49 mm			M8	20 mm	1.5 mm	M6	30 mm	1,300 N
SXE052	400062	48 – 52 mm	1 1/2"	40	M8	20 mm	1.5 mm	M6	30 mm	1,300 N
SXE058	589310	54 – 58 mm			M8	20 mm	2.0 mm	M6	30 mm	1,300 N
SXE061	589320	57 – 61 mm	2"	50	M8	20 mm	2.0 mm	M6	30 mm	1,300 N

Lining is EPDM rubber.

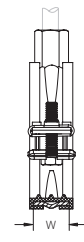
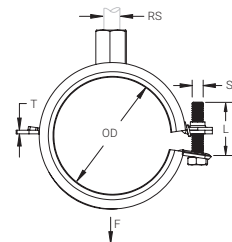
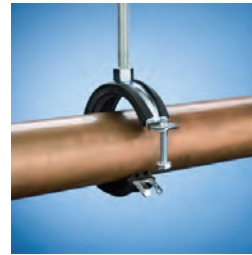
Mechanical

RUBBER LINED PIPE CLAMPS

SUPERFIX 243 M8/M10

FEATURES

- Includes easy closing mechanism
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Material: EPDM-SBR Rubber, Steel

Finish: Electrogalvanized

Color: Black

Temperature: -50 to 110 °C

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
SXD014	400063	12 – 14 mm	1/4"	8	M8, M10	20 mm	1.5 mm	M6	25 mm	1,000 N
SXD019	400064	15 – 19 mm	3/8"	10	M8, M10	20 mm	1.5 mm	M6	25 mm	1,000 N
SXD023	400065	21 – 23 mm	1/2"	15	M8, M10	20 mm	1.5 mm	M6	25 mm	1,000 N
SXD028	400066	26 – 28 mm	3/4"	20	M8, M10	20 mm	1.5 mm	M6	25 mm	1,000 N
SXD035	400067	32 – 35 mm	1"	25	M8, M10	20 mm	1.5 mm	M6	30 mm	1,000 N
SXD043	400068	40 – 43 mm	1 1/4"	32	M8, M10	20 mm	1.5 mm	M6	30 mm	1,000 N
SXD049	400069	44 – 49 mm			M8, M10	20 mm	1.5 mm	M6	30 mm	1,300 N
SXD052	400070	48 – 52 mm	1 1/2"	40	M8, M10	20 mm	1.5 mm	M6	30 mm	1,300 N
SXD058	589350	54 – 58 mm			M8, M10	20 mm	2.0 mm	M6	30 mm	1,300 N
SXD061	400071	57 – 61 mm	2"	50	M8, M10	20 mm	2.0 mm	M6	30 mm	1,300 N
SXD067	400072	63 – 67 mm			M8, M10	20 mm	2.0 mm	M6	30 mm	1,300 N
SXD073	400073	70 – 73 mm			M8, M10	20 mm	2.0 mm	M6	35 mm	1,300 N
SXD080	400074	74 – 80 mm	2 1/2"	65	M8, M10	20 mm	2.0 mm	M6	35 mm	1,300 N
SXD091	400075	83 – 91 mm	3"	80	M8, M10	20 mm	2.0 mm	M6	35 mm	1,300 N
SXD106	400076	101 – 106 mm			M8, M10	23 mm	2.5 mm	M6	35 mm	2,200 N
SXD114	400077	108 – 114 mm	4"	100	M8, M10	23 mm	2.5 mm	M6	40 mm	2,200 N

Lining is EPDM rubber.

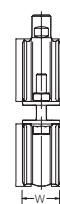
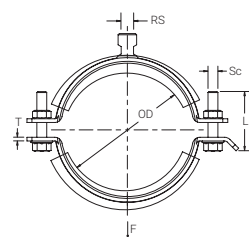
Mechanical

RUBBER LINED PIPE CLAMPS

HD HEAVY DUTY PIPE CLAMP

FEATURES

- Fillet welded connector nut has flats to accommodate spanners
- Easy open flange for pipe sizes less than 4"
- Adaptor bushings to female 1/2", 3/4", 1" available
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Material: EPDM-SBR Rubber, Steel

Finish: Electrogalvanized

Temperature: -50 to 110 °C

Color: Black

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
HDI018	577033	14 – 18 mm	3/8"	10	M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDI023	577034	19 – 23 mm	1/2"	15	M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDI028	577035	24 – 28 mm	3/4"	20	M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDI033	577036	29 – 33 mm	1"	25	M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDI037	577037	33 – 37 mm			M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDI045	577038	40 – 45 mm	1 1/4"	32	M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDI052	577039	47 – 52 mm	1 1/2"	40	M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDI058	577040	53 – 58 mm			M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDI065	577041	60 – 65 mm	2"	50	M8, M10	30 mm	2.5 mm	M8	40 mm	2,000 N
HDI072	577042	67 – 72 mm			M10, M12	30 mm	3.0 mm	M8	40 mm	2,000 N
HDI078	577043	73 – 78 mm	2 1/2"	65	M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDI085	577044	79 – 85 mm			M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDI093	577045	88 – 93 mm	3"	80	M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDI099	577046	94 – 99 mm			M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDI106	577047	100 – 106 mm			M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDI116	577048	108 – 116 mm	4"	100	M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDI123	577049	117 – 123 mm			M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDI129	577050	124 – 129 mm			M10, M12	40 mm	4.0 mm	M8	40 mm	3,500 N
HDI137	577051	131 – 137 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	3,500 N
HDI145	577052	138 – 145 mm	5"	125	M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDI154	577053	148 – 154 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDI162	577054	156 – 162 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDI171	577055	165 – 171 mm	6"	150	M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDI183	577056	177 – 183 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDI194	577057	188 – 194 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDI203	577058	196 – 203 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDI214	577059	205 – 214 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDI225	577061	219 – 225 mm	8"	200	M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N
HDI236	577063	226 – 236 mm			M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N
HDI250	577064	244 – 250 mm			M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N
HDI261	577065	251 – 261 mm			M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N
HDI273	577066	265 – 273 mm	10"	250	M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N
HDI316	577067	305 – 316 mm			M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N

Lining is EPDM rubber.

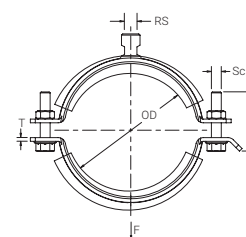
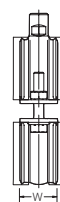
Mechanical

RUBBER LINED PIPE CLAMPS

HD HT HEAVY DUTY PIPE CLAMP, HIGH TEMPERATURE

FEATURES

- Includes silicon rubber lining suitable for high temperature
- Fillet welded connector nut has flats to accommodate spanners
- Easy open flange for pipe sizes less than 4"
- Adaptor bushings to female 1/2", 3/4", 1" available
- Category I noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Material: Silicon Rubber, Steel

Finish: Electrogalvanized

Temperature: -40 to 220 °C

Color: Red

Part Number	Article Number	Outer Diameter	Pipe Size	NB/ DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
HDH028	402133	24 – 28 mm	3/4"	20	M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDH033	402134	29 – 33 mm	1"	25	M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDH037	402135	33 – 37 mm			M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDH045	402136	40 – 45 mm	1 1/4"	32	M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDH052	402137	47 – 52 mm	1 1/2"	40	M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDH058	402138	53 – 58 mm			M8, M10	30 mm	2.5 mm	M6	30 mm	2,000 N
HDH065	402139	60 – 65 mm	2"	50	M8, M10	30 mm	2.5 mm	M8	40 mm	2,000 N
HDH072	402140	67 – 72 mm			M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDH078	402141	73 – 78 mm	2 1/2"	65	M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDH085	402142	79 – 85 mm			M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDH093	402143	88 – 93 mm	3"	80	M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDH099	402144	94 – 99 mm			M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDH106	402145	100 – 106 mm			M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDH116	402146	108 – 116 mm	4"	100	M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDH123	402147	117 – 123 mm			M10, M12	30 mm	3.0 mm	M8	40 mm	3,500 N
HDH129	402148	124 – 129 mm			M10, M12	40 mm	4.0 mm	M8	40 mm	3,500 N
HDH137	402149	131 – 137 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDH145	402150	138 – 145 mm	5"	125	M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDH154	402151	148 – 154 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDH162	402152	156 – 162 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDH171	402153	165 – 171 mm	6"	150	M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDH183	402154	177 – 183 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDH194	402155	188 – 194 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDH203	402156	196 – 203 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDH214	402157	205 – 214 mm			M12, M16	40 mm	4.0 mm	M10	40 mm	5,000 N
HDH225	402158	219 – 225 mm	8"	200	M16, M20	40 mm	4.0 mm	M12	40 mm	7,000 N
HDH236	402159	226 – 236 mm			M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N
HDH250	402160	244 – 250 mm			M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N
HDH261	402161	251 – 261 mm			M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N
HDH273	402162	265 – 273 mm	10"	250	M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N
HDH316	402271	305 – 316 mm			M16, M20	40 mm	4.0 mm	M12	40 mm	10,000 N

Mechanical

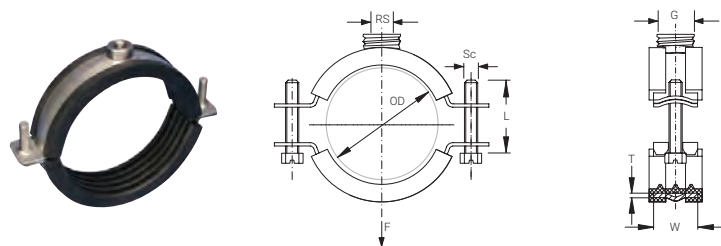
RUBBER LINED PIPE CLAMPS

PX HEAVY DUTY PIPE CLAMP WITH EXTERNAL THREAD

FEATURES

- Includes male/female combination nut
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01

Temperature: -50 to 120 °C



Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Gewinde	Rod Size	Width	Thickness	Screw Diameter	Screw Length
Material: Stainless Steel 316 (EN 1.4401), EPDM-SBR Rubber										
PXI013S6	578250	10 – 13 mm			1/2"	M10	27 mm	2.0 mm	M6	20 mm
PXI018S6	578260	14 – 18 mm	3/8"	10	1/2"	M10	27 mm	2.0 mm	M6	20 mm
PXI022S6	578270	19 – 22 mm	1/2"	15	1/2"	M10	27 mm	2.0 mm	M6	20 mm
PXI028S6	578280	23 – 28 mm	3/4"	20	1/2"	M10	27 mm	2.0 mm	M6	20 mm
PXI034S6	578290	29 – 34 mm	1"	25	1/2"	M10	27 mm	2.0 mm	M6	20 mm
PXI040S6	578300	35 – 40 mm			1/2"	M10	27 mm	2.0 mm	M6	20 mm
PXI045S6	578310	41 – 45 mm	1 1/4"	32	1/2"	M10	27 mm	2.0 mm	M6	20 mm
PXI050S6	578320	46 – 50 mm	1 1/2"	40	1/2"	M10	27 mm	2.0 mm	M6	20 mm
PXI055S6	578330	51 – 55 mm			1/2"	M10	27 mm	2.0 mm	M6	20 mm
PXI061S6	578340	56 – 61 mm	2"	50	1/2"	M10	31 mm	2.0 mm	M8	25 mm
PXI068S6	578350	62 – 68 mm			1/2"	M10	31 mm	2.0 mm	M8	25 mm
PXI074S6	578360	69 – 74 mm			1/2"	M10	31 mm	2.0 mm	M8	25 mm
PXI081S6	578370	75 – 81 mm	2 1/2"	65	1/2"	M10	31 mm	2.0 mm	M8	25 mm
PXI087S6	578380	82 – 87 mm			1/2"	M10	31 mm	2.0 mm	M8	25 mm
PXI093S6	578390	88 – 93 mm	3"	80	1/2"	M10	31 mm	2.0 mm	M8	25 mm
PXI099S6	578400	94 – 99 mm			1/2"	M10	31 mm	2.0 mm	M8	25 mm
PXI105S6	578410	100 – 105 mm	3 1/2"		1/2"	M10	31 mm	2.0 mm	M8	25 mm
PXI111S6	578420	106 – 111 mm			1/2"	M10	31 mm	2.0 mm	M8	25 mm
PXI118S6	578430	112 – 118 mm	4"	100	1/2"	M10	31 mm	2.0 mm	M8	25 mm
PXI125S6	578440	119 – 125 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI131S6	578450	126 – 131 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI138S6	578460	132 – 138 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI145S6	578470	139 – 145 mm	5"	125	3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI151S6	578480	146 – 151 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI157S6	578490	152 – 157 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI164S6	578500	158 – 164 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI170S6	578510	165 – 170 mm	6"	150	3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI180S6	578520	174 – 180 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI187S6	578530	181 – 187 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI194S6	578540	188 – 194 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI201S6	578550	195 – 201 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI214S6	578560	208 – 214 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI220S6	578570	215 – 220 mm	8"	200	3/4"	M12	38 mm	2.5 mm	M8	30 mm
PXI234S6	578580	228 – 234 mm			3/4"	M12	38 mm	2.5 mm	M8	30 mm
Material: Steel, EPDM-SBR Rubber – Finish: Electrogalvanized										
PXI018EG	577870	14 – 18 mm	3/8"	10	1/2"	M10	27 mm	2.3 mm	M6	20 mm
PXI022EG	577880	19 – 22 mm	1/2"	15	1/2"	M10	27 mm	2.3 mm	M6	20 mm
PXI028EG	577890	23 – 28 mm	3/4"	20	1/2"	M10	27 mm	2.3 mm	M6	20 mm
PXI034EG	577900	29 – 34 mm	1"	25	1/2"	M10	27 mm	2.3 mm	M6	20 mm
PXI040EG	577910	35 – 40 mm			1/2"	M10	27 mm	2.2 mm	M6	20 mm
PXI045EG	577920	41 – 45 mm	1 1/4"	32	1/2"	M10	27 mm	2.3 mm	M6	20 mm
PXI050EG	577930	46 – 50 mm	1 1/2"	40	1/2"	M10	27 mm	2.3 mm	M6	20 mm
PXI061EG	577950	56 – 61 mm	2"	50	1/2"	M10	31 mm	2.5 mm	M8	25 mm

Mechanical

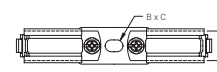
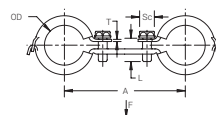
RUBBER LINED PIPE CLAMPS

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Gewinde	Rod Size	Width	Thickness	Screw Diameter	Screw Length
PXI068EG	577960	62 – 68 mm			1/2"	M10	31 mm	2.4 mm	M8	25 mm
PXI074EG	577970	69 – 74 mm			1/2"	M10	31 mm	2.4 mm	M8	25 mm
PXI081EG	577980	75 – 81 mm	2 1/2"	65	1/2"	M10	31 mm	2.5 mm	M8	25 mm
PXI087EG	577990	82 – 87 mm			1/2"	M10	31 mm	2.4 mm	M8	25 mm
PXI093EG	578000	88 – 93 mm	3"	80	1/2"	M10	31 mm	2.5 mm	M8	25 mm
PXI111EG	578030	106 – 111 mm			1/2"	M10	31 mm	2.4 mm	M8	25 mm
PXI118EG	578040	112 – 118 mm	4"	100	1/2"	M10	31 mm	2.5 mm	M8	25 mm
PXI125EG	578050	119 – 125 mm			3/4"	M12	38 mm	3.0 mm	M8	30 mm
PXI145EG	578080	139 – 145 mm	5"	125	3/4"	M12	38 mm	2.9 mm	M8	30 mm
PXI151EG	578090	146 – 151 mm			3/4"	M12	38 mm	2.9 mm	M8	30 mm
PXI170EG	578120	165 – 170 mm	6"	150	3/4"	M12	38 mm	2.9 mm	M8	30 mm
PXI220EG	578180	215 – 220 mm	8"	200	3/4"	M12	38 mm	2.9 mm	M8	30 mm

MICROFIX DOUBLE PIPE CLAMP

FEATURES

- Fast installation of parallel pipes from a single anchor
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Material: Steel, EPDM-SBR Rubber

Finish: Electrogalvanized

Width: 20 mm

Screw Diameter: M6

Screw Length: 20 mm

Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Thickness	A	B	C	Static Load
MDC019	596000	3/8"	10	15 – 19 mm	1.5 mm	72 mm	12 mm	8.5 mm	500 N
MDC023	596010	1/2"	15	21 – 23 mm	1.5 mm	76 mm	12 mm	8.5 mm	500 N
MDC028	596020	3/4"	20	26 – 28 mm	1.5 mm	82 mm	12 mm	8.5 mm	500 N
MDC035	596030	1"	25	32 – 35 mm	1.5 mm	89 mm	12 mm	8.5 mm	500 N

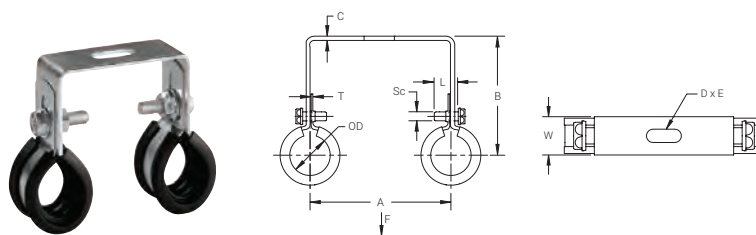
Mechanical

RUBBER LINED PIPE CLAMPS

MICROFIX DOUBLE PIPE STRAP, ADJUSTABLE

FEATURES

- Fast installation of parallel pipes from a single anchor
- Height adjustable
- Category II noise reduction according to DIN EN ISO 3822-1
- Compliant for sound insulation design according to DIN 4109
- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



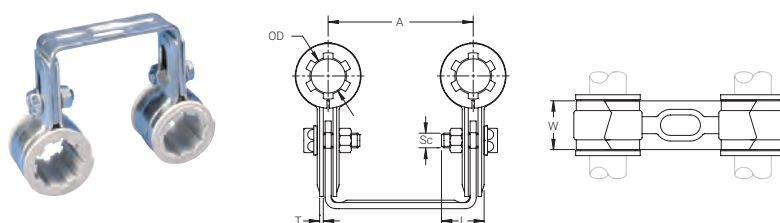
Material: Steel, EPDM-SBR Rubber
 Finish: Electrogalvanized
 Width: 20 mm
 Screw Diameter: M6
 Screw Length: 20 mm
 Temperature: -50 to 110 °C
 Color: Black

Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Thickness	A	B	C	D	E	Static Load F
MDS015	400659	1/4"	8	12 – 15 mm	0.8 mm	60 mm	51 mm	2 mm	20 mm	8.5 mm	450 N
MDS019	400660	3/8"	10	16 – 19 mm	0.8 mm	60 mm	54 mm	2 mm	20 mm	8.5 mm	450 N
MDS023	400661	1/2"	15	21 – 23 mm	0.8 mm	60 mm	60 mm	2 mm	20 mm	8.5 mm	450 N
MDS028	400662	3/4"	20	26 – 28 mm	0.8 mm	90 mm	62 mm	2 mm	20 mm	8.5 mm	450 N
MDS035	400663	1"	25	32 – 35 mm	0.8 mm	90 mm	65 mm	2 mm	20 mm	8.5 mm	450 N
MDS043	400664	1 1/4"	32	40 – 43 mm	1.0 mm	90 mm	68 mm	2 mm	20 mm	8.5 mm	800 N
MDS049	400665	1 1/2"	40	44 – 49 mm	1.0 mm	90 mm	74 mm	2 mm	20 mm	8.5 mm	800 N
MDS061	400666	2"	50	60 – 61 mm	1.0 mm	90 mm	80 mm	2 mm	20 mm	8.5 mm	800 N

DUPLO DOUBLE PIPE CLAMP, ADJUSTABLE

FEATURES

- Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1:2010-01



Material: EPDM-SBR Rubber, Steel
 Finish: Electrogalvanized

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Width	Thickness	A	Screw Diameter	Screw Length	Color
DUPL015	596043	15 mm			20 mm	1.5 mm	60 mm	M6	16 mm	White
DUPL022	596044	22 mm	1/2"	15	20 mm	1.5 mm	60 mm	M6	16 mm	White

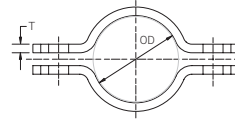
Mechanical

PIPE CLAMPS

HEAVY DUTY PIPE CLAMP PER DIN 3567

FEATURES

- For high static requirements in industrial construction
- Suitable for fix point applications
- Can be welded onto T-beam to form a sliding element



Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Hole Size	Width	Thickness
Material: Stainless Steel 304 (EN 1.4301)							
DIN020S4	400751	20.0 mm			9.0 mm	25 mm	4 mm
DIN021S4	400752	21.3 mm	1/2"	15	9.0 mm	25 mm	4 mm
DIN025S4	400753	25.0 mm			9.0 mm	25 mm	4 mm
DIN027S4	400754	26.9 mm	3/4"	20	9.0 mm	25 mm	4 mm
DIN030S4	400755	30.0 mm			11.5 mm	30 mm	5 mm
DIN034S4	400756	33.7 mm	1"	25	11.5 mm	30 mm	5 mm
DIN038S4	400757	38.0 mm			11.5 mm	30 mm	5 mm
DIN042S4	400758	42.4 mm	1 1/4"	32	11.5 mm	30 mm	5 mm
DIN044S4	400759	44.5 mm			11.5 mm	30 mm	5 mm
DIN048S4	400760	48.3 mm	1 1/2"	40	11.5 mm	30 mm	5 mm
DIN054S4	400761	54.0 mm			14.0 mm	40 mm	6 mm
DIN057S4	400762	57.0 mm			14.0 mm	40 mm	6 mm
DIN060S4	400763	60.3 mm	2"	50	14.0 mm	40 mm	6 mm
DIN070S4	400764	70.0 mm			14.0 mm	40 mm	6 mm
DIN076S4	400765	76.1 mm	2 1/2"	65	14.0 mm	40 mm	6 mm
DIN082S4	400766	82.0 mm			14.0 mm	40 mm	6 mm
DIN089S4	400767	88.9 mm	3"	80	14.0 mm	40 mm	6 mm
DIN095S4	400768	95.0 mm			14.0 mm	40 mm	6 mm
DIN102S4	400769	102.0 mm	3 1/2"	90	18.0 mm	50 mm	8 mm
DIN108S4	400770	108.0 mm			18.0 mm	50 mm	8 mm
DIN114S4	400771	114.3 mm	4"	100	18.0 mm	50 mm	8 mm
DIN121S4	400772	121.0 mm			18.0 mm	50 mm	8 mm
DIN133S4	400773	133.0 mm			18.0 mm	50 mm	8 mm
DIN140S4	400774	139.7 mm	5"	125	18.0 mm	50 mm	8 mm
DIN154S4	400775	154.0 mm			18.0 mm	50 mm	8 mm
DIN159S4	400776	159.0 mm			18.0 mm	50 mm	8 mm
DIN168S4	400777	168.3 mm	6"	150	18.0 mm	50 mm	8 mm
DIN180S4	400778	180.0 mm			18.0 mm	50 mm	8 mm
DIN194S4	400779	194.0 mm			18.0 mm	50 mm	8 mm
DIN219S4	400780	219.1 mm	8"	200	18.0 mm	50 mm	8 mm
DIN225S4	400781	225.0 mm			18.0 mm	50 mm	8 mm

Mechanical

PIPE CLAMPS

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Hole Size	Width	Thickness
Material: Steel — Finish: Hot-Dip Galvanized							
DIN020HD	400196	20.0 mm			11.5 mm	30 mm	5 mm
DIN021HD	400197	21.3 mm	1/2"	15	11.5 mm	30 mm	5 mm
DIN025HD	400198	25.0 mm			11.5 mm	30 mm	5 mm
DIN027HD	400199	26.9 mm	3/4"	20	11.5 mm	30 mm	5 mm
DIN030HD	400200	30.0 mm			11.5 mm	30 mm	5 mm
DIN034HD	400201	33.7 mm	1"	25	11.5 mm	30 mm	5 mm
DIN038HD	400202	38.0 mm			11.5 mm	30 mm	5 mm
DIN042HD	400203	42.4 mm	1 1/4"	32	11.5 mm	30 mm	5 mm
DIN044HD	400204	44.5 mm			11.5 mm	30 mm	5 mm
DIN048HD	400205	48.3 mm	1 1/2"	40	11.5 mm	30 mm	5 mm
DIN054HD	400206	54.0 mm			14.0 mm	40 mm	6 mm
DIN057HD	400207	57.0 mm			14.0 mm	40 mm	6 mm
DIN060HD	400208	60.3 mm	2"	50	14.0 mm	40 mm	6 mm
DIN070HD	400209	70.0 mm			14.0 mm	40 mm	6 mm
DIN076HD	400210	76.1 mm	2 1/2"	65	14.0 mm	40 mm	6 mm
DIN082HD	400211	82.0 mm			14.0 mm	40 mm	6 mm
DIN089HD	400212	88.9 mm	3"	80	14.0 mm	40 mm	6 mm
DIN095HD	400213	95.0 mm			14.0 mm	40 mm	6 mm
DIN102HD	400214	102.0 mm	3 1/2"	90	18.0 mm	50 mm	8 mm
DIN108HD	400215	108.0 mm			18.0 mm	50 mm	8 mm
DIN114HD	400216	114.3 mm	4"	100	18.0 mm	50 mm	8 mm
DIN121HD	400217	121.0 mm			18.0 mm	50 mm	8 mm
DIN133HD	400218	133.0 mm			18.0 mm	50 mm	8 mm
DIN140HD	400219	139.7 mm	5"	125	18.0 mm	50 mm	8 mm
DIN154HD	400220	154.0 mm			18.0 mm	50 mm	8 mm
DIN159HD	400221	159.0 mm			18.0 mm	50 mm	8 mm
DIN168HD	400222	168.3 mm	6"	150	18.0 mm	50 mm	8 mm
DIN180HD	400223	180.0 mm			18.0 mm	50 mm	8 mm
DIN194HD	400224	194.0 mm			18.0 mm	50 mm	8 mm
DIN219HD	400225	219.1 mm	8"	200	18.0 mm	50 mm	8 mm
DIN225HD	400226	225.0 mm			18.0 mm	50 mm	8 mm
DIN245HD	400227	245.0 mm			23.0 mm	60 mm	8 mm
DIN267HD	400228	267.0 mm			23.0 mm	60 mm	8 mm
DIN273HD	400229	273.0 mm	10"	250	23.0 mm	60 mm	8 mm
DIN280HD	400230	280.0 mm			23.0 mm	60 mm	8 mm
DIN299HD	400231	299.0 mm			23.0 mm	60 mm	8 mm
DIN315HD	400232	315.0 mm			23.0 mm	60 mm	8 mm
DIN323HD	400233	323.9 mm	12"	300	23.0 mm	60 mm	8 mm
DIN355HD	400234	355.6 mm	14"	350	23.0 mm	60 mm	8 mm
DIN368HD	400235	368.3 mm			23.0 mm	60 mm	8 mm
DIN406HD	400236	406.4 mm	16"	400	27.0 mm	70 mm	10 mm
DIN419HD	400237	419.0 mm			27.0 mm	70 mm	10 mm
DIN457HD	400238	457.0 mm	18"	450	27.0 mm	70 mm	10 mm
DIN508HD	400239	508.0 mm	20"	500	27.0 mm	70 mm	10 mm
DIN521HD	400240	521.0 mm			27.0 mm	70 mm	10 mm
DIN610HD	400241	610.0 mm	24"	600	27.0 mm	70 mm	10 mm
DIN711HD	400242	711.0 mm			27.0 mm	70 mm	10 mm
DIN812HD	400243	812.0 mm			27.0 mm	70 mm	10 mm

Mechanical

PIPE CLAMPS

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Hole Size	Width	Thickness
Material: Steel — Finish: Plain							
DIN020PL	400148	20.0 mm			11.5 mm	30 mm	5 mm
DIN021PL	400149	21.3 mm	1/2"	15	11.5 mm	30 mm	5 mm
DIN025PL	400150	25.0 mm			11.5 mm	30 mm	5 mm
DIN027PL	400151	26.9 mm	3/4"	20	11.5 mm	30 mm	5 mm
DIN030PL	400152	30.0 mm			11.5 mm	30 mm	5 mm
DIN034PL	400153	33.7 mm	1"	25	11.5 mm	30 mm	5 mm
DIN038PL	400154	38.0 mm			11.5 mm	30 mm	5 mm
DIN042PL	400155	42.4 mm	1 1/4"	32	11.5 mm	30 mm	5 mm
DIN044PL	400156	44.5 mm			11.5 mm	30 mm	5 mm
DIN048PL	400157	48.3 mm	1 1/2"	40	11.5 mm	30 mm	5 mm
DIN054PL	400158	54.0 mm			14.0 mm	40 mm	6 mm
DIN057PL	400159	57.0 mm			14.0 mm	40 mm	6 mm
DIN060PL	400160	60.3 mm	2"	50	14.0 mm	40 mm	6 mm
DIN070PL	400161	70.0 mm			14.0 mm	40 mm	6 mm
DIN076PL	400162	76.1 mm	2 1/2"	65	14.0 mm	40 mm	6 mm
DIN082PL	400163	82.0 mm			14.0 mm	40 mm	6 mm
DIN089PL	400164	88.9 mm	3"	80	14.0 mm	40 mm	6 mm
DIN095PL	400165	95.0 mm			14.0 mm	40 mm	6 mm
DIN102PL	400166	102.0 mm	3 1/2"	90	18.0 mm	50 mm	8 mm
DIN108PL	400167	108.0 mm			18.0 mm	50 mm	8 mm
DIN114PL	400168	114.3 mm	4"	100	18.0 mm	50 mm	8 mm
DIN121PL	400169	121.0 mm			18.0 mm	50 mm	8 mm
DIN133PL	400170	133.0 mm			18.0 mm	50 mm	8 mm
DIN140PL	400171	139.7 mm	5"	125	18.0 mm	50 mm	8 mm
DIN154PL	400172	154.0 mm			18.0 mm	50 mm	8 mm
DIN159PL	400173	159.0 mm			18.0 mm	50 mm	8 mm
DIN168PL	400174	168.3 mm	6"	150	18.0 mm	50 mm	8 mm
DIN180PL	400175	180.0 mm			18.0 mm	50 mm	8 mm
DIN194PL	400176	194.0 mm			18.0 mm	50 mm	8 mm
DIN219PL	400177	219.1 mm	8"	200	18.0 mm	50 mm	8 mm
DIN225PL	400178	225.0 mm			18.0 mm	50 mm	8 mm
DIN245PL	400179	245.0 mm			23.0 mm	60 mm	8 mm
DIN267PL	400180	267.0 mm			23.0 mm	60 mm	8 mm
DIN273PL	400181	273.0 mm	10"	250	23.0 mm	60 mm	8 mm
DIN280PL	400182	280.0 mm			23.0 mm	60 mm	8 mm
DIN299PL	400183	299.0 mm			23.0 mm	60 mm	8 mm
DIN315PL	400184	315.0 mm			23.0 mm	60 mm	8 mm
DIN323PL	400185	323.9 mm	12"	300	23.0 mm	60 mm	8 mm
DIN355PL	400186	355.6 mm	14"	350	23.0 mm	60 mm	8 mm
DIN368PL	400187	368.3 mm			23.0 mm	60 mm	8 mm
DIN406PL	400188	406.4 mm	16"	400	27.0 mm	70 mm	10 mm
DIN419PL	400189	419.0 mm			27.0 mm	70 mm	10 mm
DIN457PL	400190	457.0 mm	18"	450	27.0 mm	70 mm	10 mm
DIN508PL	400191	508.0 mm	20"	500	27.0 mm	70 mm	10 mm
DIN521PL	400192	521.0 mm			27.0 mm	70 mm	10 mm
DIN610PL	400193	610.0 mm	24"	600	27.0 mm	70 mm	10 mm
DIN711PL	400194	711.0 mm			27.0 mm	70 mm	10 mm
DIN812PL	400195	812.0 mm			27.0 mm	70 mm	10 mm

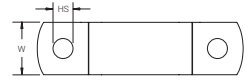
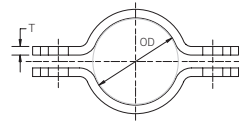
Mechanical

PIPE CLAMPS

HEAVY DUTY PIPE CLAMP

FEATURES

- For high static requirements in industrial construction
- Suitable for fix point applications



Material: Steel

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Hole Size	Width	Thickness
Finish: Hot-Dip Galvanized							
SSG035HD	574500	33.0 – 35.0 mm	1"	25	11.0 mm	40 mm	4 mm
SSG043HD	574510	40.0 – 43.0 mm	1 1/4"	32	11.0 mm	40 mm	4 mm
SSG049HD	574520	48.0 – 49.0 mm	1 1/2"	40	11.0 mm	40 mm	4 mm
SSG061HD	574530	57.0 – 60.3 mm	2"	50	11.0 mm	40 mm	4 mm
SSG077HD	574540	75.0 – 77.0 mm	2 1/2"	65	11.0 mm	40 mm	4 mm
SSG090HD	574550	88.0 – 90.0 mm	3"	80	11.0 mm	40 mm	4 mm
SSG115HD	574560	110.0 – 115.0 mm	4"	100	18.0 mm	50 mm	6 mm
SSG141HD	574565	139.0 – 141.0 mm	5"	125	18.0 mm	50 mm	6 mm
SSG170HD	574570	165.0 – 170.0 mm	6"	150	18.0 mm	50 mm	6 mm
SSG207HD	574580	203.0 – 207.0 mm			18.0 mm	50 mm	6 mm
SSG222HD	574590	216.0 – 222.0 mm	8"	200	22.0 mm	60 mm	8 mm
Finish: Painted, Red Oxide							
SSG022RO	574600	20.5 – 22.0 mm	1/2"	15	6.6 mm	23 mm	3 mm
SSG028RO	574610	26.5 – 28.0 mm	3/4"	20	6.6 mm	23 mm	3 mm
SSG035RO	574620	33.0 – 35.0 mm	1"	25	11.0 mm	40 mm	4 mm
SSG043RO	574630	40.0 – 43.0 mm	1 1/4"	32	11.0 mm	40 mm	4 mm
SSG049RO	574640	48.0 – 49.0 mm	1 1/2"	40	11.0 mm	40 mm	4 mm
SSG061RO	574650	57.0 – 60.3 mm	2"	50	11.0 mm	40 mm	4 mm
SSG077RO	574660	75.0 – 77.0 mm	2 1/2"	65	11.0 mm	40 mm	4 mm
SSG090RO	574670	88.0 – 90.0 mm	3"	80	11.0 mm	40 mm	4 mm
SSG115RO	574680	110.0 – 115.0 mm	4"	100	18.0 mm	50 mm	6 mm
SSG141RO	574685	139.0 – 141.0 mm	5"	125	18.0 mm	50 mm	6 mm
SSG170RO	574690	165.0 – 170.0 mm	6"	150	18.0 mm	50 mm	6 mm
SSG222RO	574700	216.0 – 222.0 mm	8"	200	22.0 mm	60 mm	8 mm
SSG276RO	574710	267.0 – 276.0 mm	10"	250	22.0 mm	60 mm	8 mm
SSG327RO	574720	321.0 – 327.0 mm	12"	300	22.0 mm	60 mm	8 mm
SSG410RO	574730	403.0 – 410.0 mm	16"	400	26.0 mm	70 mm	10 mm

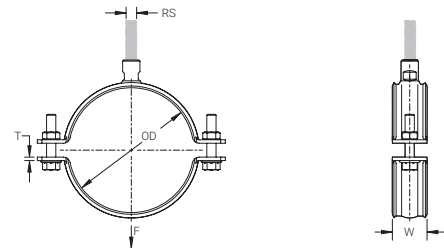
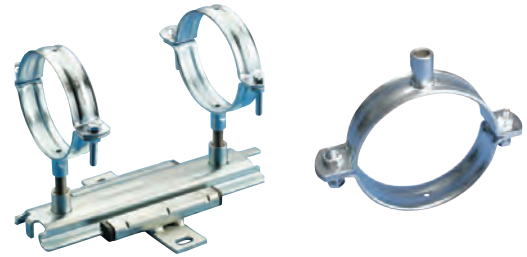
Mechanical

PIPE CLAMPS

HD NI HEAVY DUTY PIPE CLAMP, FIRE/SPRINKLER

FEATURES

- Fillet welded connector nut has flats to accommodate spanners
- Flared steel band also suitable for plastic pipe
- Easy open flange for pipe sizes up to and including 4"
- Adaptor bushings to female 1/2", 3/4", 1" available



Nut Included: Yes

Material: Steel



Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Static Load	Certifications
Finish: Electrogalvanized									
HDN019	577001	15 – 19 mm	3/8"	10	M8, M10	30 mm	2.5 mm	2,000 N	
HDN024	577002	20 – 24 mm	1/2"	15	M8, M10	30 mm	2.5 mm	2,000 N	
HDN030	577003	25 – 30 mm	3/4"	20	M8, M10	30 mm	2.5 mm	2,000 N	FM, VdS
HDN035	577004	31 – 35 mm	1"	25	M8, M10	30 mm	2.5 mm	2,000 N	FM, VdS
HDN041	577005	36 – 41 mm			M8, M10	30 mm	2.5 mm	2,000 N	VdS
HDN045	577006	40 – 45 mm	1 1/4"	32	M8, M10	30 mm	2.5 mm	2,000 N	FM, VdS
HDN053	577007	48 – 53 mm	1 1/2"	40	M8, M10	30 mm	2.5 mm	2,000 N	FM, VdS
HDN059	577008	54 – 59 mm			M8, M10	30 mm	2.5 mm	2,000 N	VdS
HDN065	577009	60 – 65 mm	2"	50	M8, M10	30 mm	2.5 mm	2,000 N	FM, VdS
HDN072	577010	61 – 72 mm			M8, M10	30 mm	2.5 mm	3,500 N	VdS
HDN081	577011	76 – 81 mm	2 1/2"	65	M10, M12	30 mm	3.0 mm	3,500 N	FM, VdS
HDN085	577012	82 – 85 mm			M10, M12	30 mm	3.0 mm	3,500 N	VdS
HDN094	577013	88 – 94 mm	3"	80	M10, M12	30 mm	3.0 mm	3,500 N	FM, VdS
HDN102	577014	95 – 102 mm			M10, M12	30 mm	3.0 mm	3,500 N	VdS
HDN108	577015	102 – 108 mm			M10, M12	30 mm	3.0 mm	3,500 N	VdS
HDN116	577016	110 – 116 mm	4"	100	M10, M12	30 mm	3.0 mm	3,500 N	FM, VdS
HDN124	577017	117 – 124 mm			M10, M12	30 mm	3.0 mm	5,000 N	VdS
HDN129	577018	124 – 129 mm			M10, M12	30 mm	3.0 mm	5,000 N	VdS
HDN140	577019	133 – 140 mm			M10, M12	40 mm	4.0 mm	5,000 N	VdS
HDN146	577020	140 – 146 mm	5"	125	M12, M16	40 mm	4.0 mm	5,000 N	FM, VdS
HDN155	577021	149 – 155 mm			M12, M16	40 mm	4.0 mm	5,000 N	VdS
HDN165	577022	159 – 165 mm			M12, M16	40 mm	4.0 mm	5,000 N	VdS
HDN173	577023	167 – 173 mm	6"	150	M12, M16	40 mm	4.0 mm	5,000 N	FM, VdS
HDN182	577024	176 – 182 mm			M12, M16	40 mm	4.0 mm	8,500 N	
HDN194	577025	188 – 194 mm			M12, M16	40 mm	4.0 mm	8,500 N	
HDN205	577026	199 – 205 mm			M12, M16	40 mm	4.0 mm	8,500 N	

Mechanical

PIPE CLAMPS

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Static Load	Certifications
HDN216	577027	207 – 216 mm			M12, M16	40 mm	4.0 mm	8,500 N	
HDN226	577028	219 – 226 mm	8"	200	M12, M16	40 mm	4.0 mm	8,500 N	VdS
HDN236	577029	227 – 236 mm			M16, M20	40 mm	4.0 mm	10,000 N	
HDN250	577030	244 – 250 mm			M16, M20	40 mm	4.0 mm	10,000 N	
HDN261	577031	251 – 261 mm			M16, M20	40 mm	4.0 mm	10,000 N	
HDN273	577032	267 – 273 mm	10"	250	M16, M20	40 mm	4.0 mm	10,000 N	VdS
HDN316	577068	305 – 316 mm			M16, M20	40 mm	4.0 mm	10,000 N	
Finish: Hot-Dip Galvanized									
HDN019HD	575001	15 – 19 mm	3/8"	10	M8, M10	30 mm	2.5 mm	2,000 N	
HDN024HD	575002	20 – 24 mm	1/2"	15	M8, M10	30 mm	2.5 mm	2,000 N	
HDN030HD	575003	25 – 30 mm	3/4"	20	M8, M10	30 mm	2.5 mm	2,000 N	FM, VdS
HDN035HD	575004	31 – 35 mm	1"	25	M8, M10	30 mm	2.5 mm	2,000 N	FM, VdS
HDN041HD	575005	36 – 41 mm			M8, M10	30 mm	2.5 mm	2,000 N	VdS
HDN045HD	575006	40 – 45 mm	1 1/4"	32	M8, M10	30 mm	2.5 mm	2,000 N	FM, VdS
HDN053HD	575007	48 – 53 mm	1 1/2"	40	M8, M10	30 mm	2.5 mm	2,000 N	FM, VdS
HDN059HD	575008	54 – 59 mm			M8, M10	30 mm	2.5 mm	2,000 N	VdS
HDN065HD	575009	60 – 65 mm	2"	50	M8, M10	30 mm	2.5 mm	2,000 N	FM, VdS
HDN072HD	575010	61 – 72 mm			M8, M10	30 mm	2.5 mm	3,500 N	VdS
HDN081HD	575011	76 – 81 mm	2 1/2"	65	M10, M12	30 mm	3.0 mm	3,500 N	FM, VdS
HDN085HD	575012	82 – 85 mm			M10, M12	30 mm	3.0 mm	3,500 N	VdS
HDN094HD	575013	88 – 94 mm	3"	80	M10, M12	30 mm	3.0 mm	3,500 N	FM, VdS
HDN102HD	575014	95 – 102 mm			M10, M12	30 mm	3.0 mm	3,500 N	VdS
HDN108HD	575015	102 – 108 mm			M10, M12	30 mm	3.0 mm	3,500 N	VdS
HDN116HD	575016	110 – 116 mm	4"	100	M10, M12	30 mm	3.0 mm	3,500 N	FM, VdS
HDN124HD	575017	117 – 124 mm			M10, M12	30 mm	3.0 mm	5,000 N	VdS
HDN129HD	575018	124 – 129 mm			M10, M12	30 mm	3.0 mm	5,000 N	VdS
HDN140HD	575019	133 – 140 mm			M10, M12	40 mm	4.0 mm	5,000 N	VdS
HDN146HD	575020	140 – 146 mm	5"	125	M12, M16	40 mm	4.0 mm	5,000 N	FM, VdS
HDN155HD	575021	149 – 155 mm			M12, M16	40 mm	4.0 mm	5,000 N	VdS
HDN165HD	575022	159 – 165 mm			M12, M16	40 mm	4.0 mm	5,000 N	VdS
HDN173HD	575023	167 – 173 mm	6"	150	M12, M16	40 mm	4.0 mm	5,000 N	FM, VdS
HDN182HD	575024	176 – 182 mm			M12, M16	40 mm	4.0 mm	8,500 N	
HDN194HD	575025	188 – 194 mm			M12, M16	40 mm	4.0 mm	8,500 N	
HDN205HD	575026	199 – 205 mm			M12, M16	40 mm	4.0 mm	8,500 N	
HDN216HD	575027	207 – 216 mm			M12, M16	40 mm	4.0 mm	8,500 N	
HDN226HD	575028	219 – 226 mm	8"	200	M12, M16	40 mm	4.0 mm	8,500 N	VdS
HDN236HD	575029	227 – 236 mm			M16, M20	40 mm	4.0 mm	10,000 N	
HDN250HD	575030	244 – 250 mm			M16, M20	40 mm	4.0 mm	10,000 N	
HDN261HD	575031	251 – 261 mm			M16, M20	40 mm	4.0 mm	10,000 N	
HDN273HD	575032	267 – 273 mm	10"	250	M16, M20	40 mm	4.0 mm	10,000 N	VdS
HDN316HD	575068	305 – 316 mm			M16, M20	40 mm	4.0 mm	10,000 N	

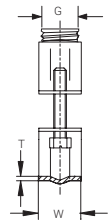
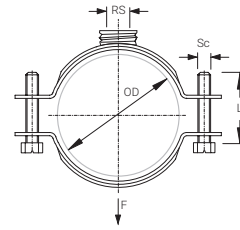
Mechanical

PIPE CLAMPS

PX NI HEAVY DUTY PIPE CLAMP WITH EXTERNAL THREAD

FEATURES

- Includes male/female combination nut
- Heavy duty



Nut Included: Yes

Part Number	Article Number	OD	Pipe Size	NB/DN	G	RS	W	T	Sc	L	Static Load (F)
Material: Stainless Steel 316 (EN 1.4401)											
PXN025S6	577460	21 – 25	1/2	15	1/2	M10	27	2.0	M6	20	2,500
PXN031S6	577470	26 – 31	3/4	20	1/2	M10	27	2.0	M6	20	2,500
PXN036S6	577480	32 – 36	1	25	1/2	M10	27	2.0	M6	20	2,500
PXN040S6	577490	37 – 40			1/2	M10	27	2.0	M6	20	2,500
PXN046S6	577500	41 – 46	1 1/4	32	1/2	M10	27	2.0	M6	20	2,500
PXN052S6	577510	47 – 52	1 1/2	40	1/2	M10	27	2.0	M6	20	2,500
PXN058S6	577520	53 – 58			1/2	M10	27	2.0	M6	20	2,500
PXN063S6	577530	59 – 63	2	50	1/2	M10	27	2.0	M6	20	2,500
PXN067S6	577540	64 – 67			1/2	M10	31	2.0	M6	20	2,500
PXN073S6	577550	68 – 73			1/2	M10	31	2.0	M6	20	2,500
PXN079S6	577560	74 – 79	2 1/2	65	1/2	M10	31	2.0	M8	25	2,500
PXN086S6	577570	80 – 86			1/2	M10	31	2.0	M8	25	2,500
PXN092S6	577580	87 – 92	3	80	1/2	M10	31	2.0	M8	25	2,500
PXN099S6	577590	93 – 99			1/2	M10	31	2.0	M8	25	2,500
PXN105S6	577600	100 – 105	3 1/2		1/2	M10	31	2.0	M8	25	2,500
PXN111S6	577610	106 – 111			1/2	M10	31	2.0	M8	25	2,500
PXN117S6	577620	112 – 117	4	100	1/2	M10	31	2.0	M8	25	2,500
PXN123S6	577630	118 – 123			1/2	M10	31	2.0	M8	25	2,500
PXN129S6	577640	124 – 129			1/2	M10	31	2.0	M8	25	2,500
PXN136S6	577650	130 – 136			1/2	M10	31	2.0	M8	25	2,500
PXN143S6	577660	137 – 143	5	125	3/4	M12	38	2.5	M8	30	3,500
PXN149S6	577670	144 – 149			3/4	M12	38	2.5	M8	30	3,500
PXN156S6	577680	150 – 156			3/4	M12	38	2.5	M8	30	3,500
PXN163S6	577690	157 – 163			3/4	M12	38	2.5	M8	30	3,500
PXN169S6	577700	164 – 169	6	150	3/4	M12	38	2.5	M8	30	3,500
PXN175S6	577710	170 – 175			3/4	M12	38	2.5	M8	30	3,500
PXN182S6	577720	176 – 182			3/4	M12	38	2.5	M8	30	3,500
PXN188S6	577730	183 – 191			3/4	M12	38	2.5	M8	30	3,500
PXN198S6	577740	192 – 198			3/4	M12	38	2.5	M8	30	3,500
PXN205S6	577750	199 – 205			3/4	M12	38	2.5	M8	30	3,500
PXN212S6	577760	206 – 212			3/4	M12	38	2.5	M8	30	3,500
PXN219S6	577770	213 – 219	8	200	3/4	M12	38	2.5	M8	30	3,500
PXN232S6	577780	226 – 232			3/4	M12	38	2.5	M8	30	3,500
PXN238S6	577790	233 – 238			3/4	M12	38	2.5	M8	30	3,500
PXN252S6	577800	246 – 252			3/4	M12	38	2.5	M8	30	3,500

Mechanical

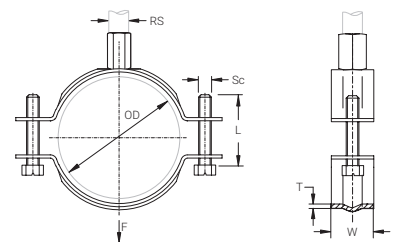
PIPE CLAMPS

Part Number	Article Number	OD	Pipe Size	NB/DN	G	RS	W	T	Sc	L	Static Load (F)
Material: Steel — Finish: Electrogalvanized											
PXN025EG	577060	21 – 25	1/2	15	1/2	M10	27	2.2	M6	20	2,500
PXN031EG	577070	26 – 31	3/4	20	1/2	M10	27	2.2	M6	20	2,500
PXN036EG	577080	32 – 36	1	25	1/2	M10	27	2.2	M6	20	2,500
PXN046EG	577100	41 – 46	1 1/4	32	1/2	M10	27	2.2	M6	20	2,500
PXN052EG	577110	47 – 52	1 1/2	40	1/2	M10	27	2.2	M6	25	2,500
PXN063EG	577130	59 – 63	2	50	1/2	M10	27	2.2	M6	25	2,500
PXN073EG	577150	68 – 73			1/2	M10	27	2.2	M6	25	2,500
PXN079EG	577160	74 – 79	2 1/2	65	1/2	M10	31	2.5	M6	25	2,500
PXN092EG	577180	87 – 92	3	80	1/2	M10	31	2.5	M6	25	2,500
PXN117EG	577220	112 – 117	4	100	1/2	M10	31	2.5	M6	25	2,500
PXN129EG	577240	124 – 129			1/2	M10	31	2.5	M6	25	2,500
PXN136EG	577250	130 – 136			1/2	M10	31	2.5	M6	25	2,500
PXN143EG	577260	137 – 143	5	125	3/4	M12	38	2.9	M8	30	3,500
PXN169EG	577300	164 – 169	6	150	3/4	M12	38	2.9	M8	30	3,500
PXN198EG	577340	192 – 198			3/4	M12	38	2.9	M8	30	3,500
PXN205EG	577350	199 – 205			3/4	M12	38	2.9	M8	30	3,500
PXN212EG	577360	206 – 212			3/4	M12	38	2.9	M8	30	3,500
PXN219EG	577370	213 – 219	8	200	3/4	M12	38	2.9	M8	30	3,500
PXN252EG	577400	246 – 252			3/4	M12	38	2.9	M8	30	3,500

MACROFIX NI

FEATURES

- Multifunction screw with hexagonal combination head (slot and crosshead)
- Includes retaining washer



Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Width	Thickness	Screw Diameter	Screw Length	Static Load	Certifications
Material: Stainless Steel 316 (EN 1.4401) — Finish: Electropolished Rod Size — M10:										
MXN098S6	595505	90 – 98 mm			25 mm	2.0 mm	M6	25 mm	1,300 N	
MXN107S6	595510	97 – 107 mm			25 mm	2.0 mm	M6	30 mm	1,300 N	
MXN110S6	595520	104 – 110 mm			25 mm	2.0 mm	M6	25 mm	1,300 N	
MXN116S6	595530	108 – 116 mm	4"	100	25 mm	2.0 mm	M6	25 mm	1,300 N	
MXN126S6	595535	116 – 126 mm			25 mm	2.5 mm	M6	30 mm	1,300 N	
MXN140S6	595540	129 – 140 mm			25 mm	2.5 mm	M6	30 mm	2,200 N	
MXN141S6	595550	133 – 141 mm	5"	125	25 mm	2.5 mm	M6	30 mm	2,200 N	
MXN154S6	595555	144 – 154 mm			25 mm	2.5 mm	M6	30 mm	2,200 N	
MXN168S6	595560	159 – 168 mm	6"	150	25 mm	2.5 mm	M6	30 mm	2,200 N	

Mechanical

PIPE CLAMPS

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Width	Thickness	Screw Diameter	Screw Length	Static Load	Certifications
Material: Stainless Steel 316 (EN 1.4401) – Finish: ElectropolishedRod Size – M8:										
MXN018S6	595400	14 – 18 mm	3/8"	10	20 mm	1.5 mm	M6	20 mm	1,000 N	
MXN026S6	595410	20 – 26 mm	1/2"	15	20 mm	1.5 mm	M6	20 mm	1,000 N	
MXN030S6	595420	23 – 30 mm	3/4"	20	20 mm	1.5 mm	M6	20 mm	1,000 N	
MXN040S6	595430	33 – 40 mm	1"	25	20 mm	1.5 mm	M6	20 mm	1,000 N	
MXN047S6	595440	41 – 47 mm	1 1/4"	32	20 mm	1.5 mm	M6	20 mm	1,000 N	
MXN054S6	595450	48 – 54 mm	1 1/2"	40	20 mm	1.5 mm	M6	25 mm	1,000 N	
MXN062S6	595470	56 – 62 mm	2"	50	20 mm	1.5 mm	M6	25 mm	1,300 N	
MXN069S6	595475	62 – 69 mm			20 mm	1.5 mm	M6	25 mm	1,300 N	
MXN071S6	595480	67 – 71 mm			20 mm	1.5 mm	M6	25 mm	1,300 N	
MXN078S6	595490	69 – 78 mm	2 1/2"	65	25 mm	2.0 mm	M6	25 mm	1,300 N	
MXN091S6	595500	85 – 91 mm	3"	80	25 mm	2.0 mm	M6	25 mm	1,300 N	
Material: Steel – Finish: ElectrogalvanizedRod Size										
MXN018EG	596210	14 – 18 mm	3/8"	10	20 mm	1.5 mm	M6	20 mm	1,000 N	RAL-GZ 655
MXN026EG	596220	20 – 26 mm	1/2"	15	20 mm	1.5 mm	M6	20 mm	1,000 N	RAL-GZ 655
MXN030EG	596230	23 – 30 mm	3/4"	20	20 mm	1.5 mm	M6	20 mm	1,000 N	RAL-GZ 655
MXN040EG	596250	33 – 40 mm	1"	25	20 mm	1.5 mm	M6	20 mm	1,000 N	RAL-GZ 655
MXN047EG	596260	41 – 47 mm	1 1/4"	32	20 mm	1.5 mm	M6	20 mm	1,000 N	RAL-GZ 655
MXN054EG	596270	48 – 54 mm	1 1/2"	40	20 mm	2.0 mm	M6	20 mm	1,000 N	RAL-GZ 655
MXN062EG	596280	56 – 62 mm	2"	50	20 mm	2.0 mm	M6	25 mm	1,300 N	RAL-GZ 655
MXN069EG	596290	62 – 69 mm			20 mm	2.0 mm	M6	25 mm	1,300 N	RAL-GZ 655
MXN071EG	596300	67 – 71 mm			20 mm	2.0 mm	M6	25 mm	1,300 N	RAL-GZ 655
MXN078EG	596310	69 – 78 mm	2 1/2"	65	20 mm	2.0 mm	M6	25 mm	1,300 N	RAL-GZ 655
MXN084EG	596311	76 – 84 mm			20 mm	2.0 mm	M6	25 mm	1,300 N	RAL-GZ 655
MXN091EG	596320	85 – 91 mm	3"	80	20 mm	2.0 mm	M6	25 mm	1,300 N	RAL-GZ 655
MXN098EG	596330	90 – 98 mm			23 mm	2.5 mm	M6	25 mm	1,300 N	RAL-GZ 655
MXN107EG	596340	97 – 107 mm			23 mm	2.5 mm	M6	25 mm	1,300 N	RAL-GZ 655
MXN110EG	596350	104 – 110 mm			23 mm	2.5 mm	M6	25 mm	1,300 N	RAL-GZ 655
MXN116EG	596360	108 – 116 mm	4"	100	23 mm	2.5 mm	M8	25 mm	1,300 N	RAL-GZ 655
MXN126EG	596370	116 – 126 mm			23 mm	2.5 mm	M8	25 mm	1,300 N	RAL-GZ 655
MXN140EG	596380	129 – 140 mm			23 mm	2.5 mm	M8	25 mm	2,200 N	RAL-GZ 655
MXN141EG	596390	133 – 141 mm	5"	125	23 mm	2.5 mm	M8	25 mm	2,200 N	RAL-GZ 655
MXN154EG	596400	144 – 154 mm			23 mm	2.5 mm	M8	25 mm	2,200 N	RAL-GZ 655
MXN159EG	596411	155 – 159 mm			23 mm	2.5 mm	M8	25 mm	2,200 N	RAL-GZ 655
MXN168EG	596410	159 – 168 mm	6"	150	23 mm	2.5 mm	M8	25 mm	2,200 N	RAL-GZ 655
MXN176EG	596420	168 – 176 mm			30 mm	3.0 mm	M8	25 mm	2,200 N	RAL-GZ 655
MXN184EG	596430	174 – 184 mm			30 mm	3.0 mm	M8	25 mm	2,200 N	RAL-GZ 655
MXN195EG	596431	184 – 195 mm			30 mm	3.0 mm	M8	30 mm	2,500 N	RAL-GZ 655
MXN207EG	596432	196 – 207 mm			30 mm	3.0 mm	M8	30 mm	2,500 N	RAL-GZ 655
MXN218EG	596435	207 – 218 mm	8"	200	30 mm	3.0 mm	M8	30 mm	2,500 N	RAL-GZ 655
MXN227EG	596445	217 – 227 mm			30 mm	3.0 mm	M8	30 mm	2,500 N	RAL-GZ 655
MXN240EG	596452	230 – 240 mm			30 mm	3.0 mm	M8	30 mm	2,500 N	RAL-GZ 655
MXN250EG	596446	240 – 250 mm			30 mm	3.0 mm	M8	30 mm	2,500 N	RAL-GZ 655
MXN280EG	596447	274 – 280 mm			30 mm	3.0 mm	M8	30 mm	2,700 N	RAL-GZ 655
MXN316EG	596448	314 – 316 mm			30 mm	3.0 mm	M8	30 mm	2,700 N	RAL-GZ 655

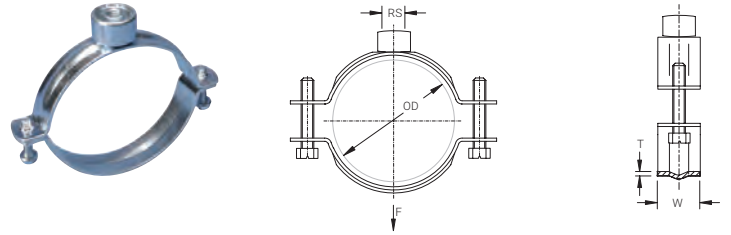
Mechanical

PIPE CLAMPS

MACROFIX NI KOMBI WITH COMBINATION NUT

FEATURES

- Includes retaining washer
- Multifunction screw with hexagonal combination head (slot and crosshead)



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Static Load
MXK018	401930	14 – 18 mm	3/8"	10	M8, M10, 1/2"	20 mm	1.5 mm	1,000 N
MXK026	401931	20 – 26 mm	1/2"	15	M8, M10, 1/2"	20 mm	1.5 mm	1,000 N
MXK030	401932	23 – 30 mm	3/4"	20	M8, M10, 1/2"	20 mm	1.5 mm	1,000 N
MXK040	401933	33 – 40 mm	1"	25	M8, M10, 1/2"	20 mm	1.5 mm	1,000 N
MXK047	401934	41 – 47 mm	1 1/4"	32	M8, M10, 1/2"	20 mm	1.5 mm	1,000 N
MXK054	401935	48 – 54 mm	1 1/2"	40	M8, M10, 1/2"	20 mm	2.0 mm	1,000 N
MXK062	401936	56 – 62 mm	2"	50	M8, M10, 1/2"	20 mm	2.0 mm	1,300 N
MXK069	401937	62 – 69 mm			M8, M10, 1/2"	20 mm	2.0 mm	1,300 N
MXK071	401938	67 – 71 mm			M8, M10, 1/2"	20 mm	2.0 mm	1,300 N
MXK078	401939	69 – 78 mm	2 1/2"	65	M8, M10, 1/2"	20 mm	2.0 mm	1,300 N
MXK091	401940	85 – 91 mm	3"	80	M8, M10, 1/2"	20 mm	2.0 mm	1,300 N
MXK098	401941	90 – 98 mm			M8, M10, 1/2"	23 mm	2.5 mm	1,300 N
MXK107	401942	97 – 107 mm			M8, M10, 1/2"	23 mm	2.5 mm	1,300 N
MXK110	401943	104 – 110 mm			M8, M10, 1/2"	23 mm	2.5 mm	1,300 N
MXK116	401944	108 – 116 mm	4"	100	M8, M10, 1/2"	23 mm	2.5 mm	1,300 N
MXK126	401945	116 – 126 mm			M8, M10, 1/2"	23 mm	2.5 mm	1,300 N
MXK140	401946	129 – 140 mm			M8, M10, 1/2"	23 mm	2.5 mm	2,200 N
MXK141	401947	133 – 141 mm	5"	125	M8, M10, 1/2"	23 mm	2.5 mm	2,200 N
MXK154	401948	144 – 154 mm			M8, M10, 1/2"	23 mm	2.5 mm	2,200 N
MXK168	401949	159 – 168 mm	6"	150	M8, M10, 1/2"	23 mm	2.5 mm	2,200 N
MXK176	401950	168 – 176 mm			M8, M10, 1/2"	30 mm	3.0 mm	2,200 N
MXK184	401951	174 – 184 mm			M8, M10, 1/2"	30 mm	3.0 mm	2,200 N
MXK218	401952	207 – 218 mm	8"	200	M8, M10, 1/2"	30 mm	3.0 mm	2,500 N
MXK227	401953	217 – 227 mm			M8, M10, 1/2"	30 mm	3.0 mm	2,500 N
MXK250	401954	240 – 250 mm			M8, M10, 1/2"	30 mm	3.0 mm	2,500 N
MXK280	401955	274 – 280 mm	10"	250	M8, M10, 1/2"	30 mm	3.0 mm	2,700 N
MXK316	401956	314 – 316 mm			M8, M10, 1/2"	30 mm	3.0 mm	2,700 N

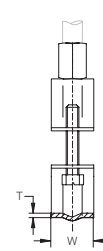
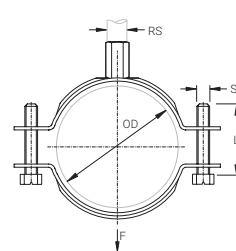
Mechanical

PIPE CLAMPS

MACROFIX NI EZ WITH EASY CLOSURE

FEATURES

- Contains easy closing mechanism
- Multifunction screw with hexagonal combination head (slot and crosshead)



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Width	Thickness	Screw Diameter	Screw Length	Static Load
MXZ018	403600	14 – 18 mm	3/8"	10	M8, M10	20 mm	1.5 mm	M6	20 mm	800 N
MXZ026	403605	20 – 26 mm	1/2"	15	M8, M10	20 mm	1.5 mm	M6	20 mm	800 N
MXZ030	403610	23 – 30 mm	3/4"	20	M8, M10	20 mm	1.5 mm	M6	25 mm	800 N
MXZ040	403615	33 – 40 mm	1"	25	M8, M10	20 mm	1.5 mm	M6	20 mm	800 N
MXZ047	403620	41 – 47 mm	1 1/4"	32	M8, M10	20 mm	1.5 mm	M6	20 mm	800 N
MXZ054	403625	48 – 54 mm	1 1/2"	40	M8, M10	20 mm	2.0 mm	M6	25 mm	800 N
MXZ062	403630	56 – 62 mm	2"	50	M8, M10	20 mm	2.0 mm	M6	25 mm	1,050 N
MXZ069	403635	62 – 69 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,050 N
MXZ071	403640	67 – 71 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,050 N
MXZ078	403645	69 – 78 mm	2 1/2"	65	M8, M10	20 mm	2.0 mm	M6	40 mm	1,050 N
MXZ084	403650	76 – 84 mm			M8, M10	20 mm	2.0 mm	M6	25 mm	1,050 N
MXZ091	403655	85 – 91 mm	3"	80	M8, M10	20 mm	2.0 mm	M6	25 mm	1,050 N
MXZ098	403660	90 – 98 mm			M8, M10	23 mm	2.5 mm	M6	25 mm	1,050 N
MXZ107	403665	97 – 107 mm			M8, M10	23 mm	2.5 mm	M6	25 mm	1,050 N
MXZ110	403670	104 – 110 mm			M8, M10	23 mm	2.5 mm	M6	25 mm	1,050 N
MXZ116	403675	108 – 116 mm	4"	100	M8, M10	23 mm	2.5 mm	M8	40 mm	1,050 N
MXZ126	403680	116 – 126 mm			M8, M10	23 mm	2.5 mm	M8	30 mm	1,050 N
MXZ140	403685	129 – 140 mm			M8, M10	23 mm	2.5 mm	M8	25 mm	1,750 N
MXZ141	403690	133 – 141 mm			M8, M10	23 mm	2.5 mm	M8	25 mm	1,750 N
MXZ154	403695	144 – 154 mm			M8, M10	23 mm	2.5 mm	M8	40 mm	1,750 N
MXZ159	403700	155 – 159 mm			M8, M10	23 mm	2.5 mm	M8	25 mm	1,750 N
MXZ168	403705	159 – 168 mm	6"	150	M8, M10	23 mm	2.5 mm	M8	50 mm	1,750 N
MXZ176	403710	168 – 176 mm			M8, M10	30 mm	3.0 mm	M8	30 mm	1,750 N
MXZ184	403715	174 – 184 mm			M8, M10	30 mm	3.0 mm	M8	50 mm	1,750 N
MXZ195	403720	184 – 195 mm			M8, M10	30 mm	3.0 mm	M8	50 mm	1,750 N
MXZ207	403725	196 – 207 mm			M8, M10	30 mm	3.0 mm	M8	30 mm	1,750 N
MXZ218	403730	207 – 218 mm	8"	200	M8, M10	30 mm	3.0 mm	M8	50 mm	2,100 N
MXZ227	403735	219 – 227 mm			M8, M10	30 mm	3.0 mm	M8	30 mm	2,100 N
MXZ240	403740	230 – 240 mm			M8, M10	30 mm	3.0 mm	M8	30 mm	2,100 N
MXZ250	403745	240 – 250 mm			M8, M10	30 mm	3.0 mm	M8	50 mm	2,100 N
MXZ280	403750	274 – 280 mm	10"	250	M8, M10	30 mm	3.0 mm	M8	30 mm	2,250 N
MXZ316	403755	314 – 316 mm			M8, M10	30 mm	3.0 mm	M8	30 mm	2,250 N

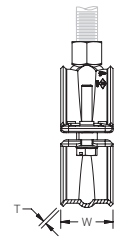
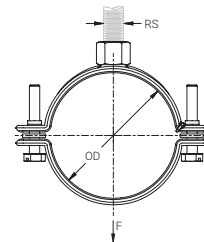
Mechanical

PIPE CLAMPS

MACROFIX PLUS NI EZ WITH EASY CLOSURE

FEATURES

- Contains easy closing mechanism
- Plastic washers help prevent crushing the CPVC or plastic pipe and assure a floating fit
- Flared edges and specially designed welding area help protect CPVC piping
- Suitable for 3/4" - 2" (20 - 50 DN) steel sprinkler pipe
- Conforms with Manufacturers Standardization Society (MSS) SP-58 (Type 12)



Material: Steel

Finish: Electrogalvanized

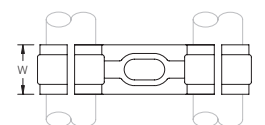
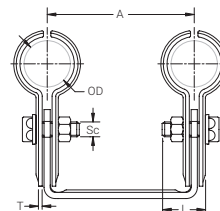


Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Rod Size	Width	Thickness	Static Load	Certifications
MPZ020	595052	1/2"	15	20.0 – 21.3 mm	M10	30 mm	1.5 mm	1,125 N	cULus
MPZ025	595053	3/4"	20	25.0 – 26.9 mm	M10	30 mm	1.5 mm	1,125 N	cULus, FM
MPZ032	595054	1"	25	32.0 – 33.7 mm	M10	30 mm	1.5 mm	1,125 N	cULus, FM
MPZ040	595056	1 1/4"	32	40.0 – 42.4 mm	M10	30 mm	1.5 mm	1,125 N	cULus, FM
MPZ050	595057	1 1/2"	40	48.3 – 50.0 mm	M10	30 mm	2.0 mm	1,725 N	cULus, FM
MPZ063	595059	2"	50	60.3 – 63.0 mm	M10	30 mm	2.0 mm	1,725 N	cULus, FM
MPZ075	595061	2 1/2"	65	75.0 – 76.1 mm	M10	30 mm	2.0 mm	1,725 N	cULus
MPZ090	595062	3"	80	88.9 – 90.0 mm	M10	30 mm	2.0 mm	1,725 N	cULus
MPZ110	595063	4"	100	110.0 – 114.3 mm	M10	30 mm	2.5 mm	2,000 N	cULus
MPZ140	595066	5"	125	139.7 – 141.0 mm	M10	30 mm	2.5 mm	2,000 N	

DUPLO NI DOUBLE PIPE CLAMP

FEATURES

- Fast installation of parallel pipes from a single anchor
- Height adjustable



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Width	Thickness	A	Screw Diameter	Screw Length
DUPLO15EG	596040	15 mm			20 mm	1.5 mm	60 mm	M6	16 mm
DUPLO22EG	596041	22 mm	1/2"	15	20 mm	1.5 mm	60 mm	M6	16 mm
DUPLO28EG	596042	28 mm	3/4"	20	20 mm	1.5 mm	60 mm	M6	16 mm

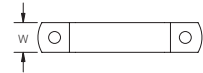
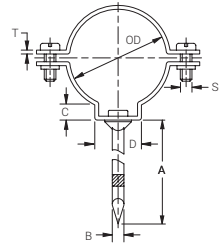
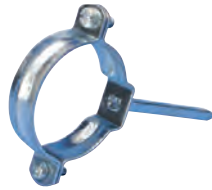
Mechanical

PIPE CLAMPS

DSC G HAMMER-IN PIN CLAMP FOR GAS AND WATER PIPE

FEATURES

- Includes square hammer-in pin



Material: Steel

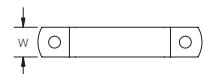
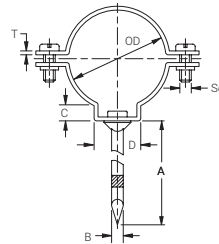
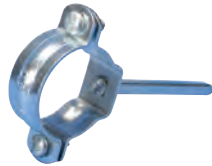
Finish: Electrogalvanized

Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Width	Thickness	A	B	C	D	Screw Diameter
DSCG017EG	400284	3/8"	10	17.2 mm	20 mm	1.5 mm	80 mm	5 mm			M6
DSCG021EG	400285	1/2"	15	21.3 mm	20 mm	1.5 mm	80 mm	5 mm			M6
DSCG027EG	400286	3/4"	20	26.9 mm	20 mm	1.5 mm	80 mm	5 mm			M6
DSCG034EG	400287	1"	25	33.7 mm	20 mm	1.5 mm	80 mm	5 mm			M6
DSCG042EG	400288	1 1/4"	32	42.4 mm	20 mm	1.5 mm	80 mm	6 mm	7 mm	25 mm	M6
DSCG048EG	400289	1 1/2"	40	48.3 mm	20 mm	2.0 mm	80 mm	6 mm	7 mm	25 mm	M6
DSCG060EG	400290	2"	50	60.3 mm	20 mm	2.0 mm	80 mm	6 mm	7 mm	25 mm	M6
DSCG076EG	400291	2 1/2"	65	76.1 mm	20 mm	2.0 mm	80 mm	6 mm	8 mm	30 mm	M6
DSCG089EG	400292	3"	80	88.9 mm	20 mm	2.0 mm	80 mm	6 mm	8 mm	30 mm	M6

DSC P HAMMER-IN PIN CLAMP FOR PLASTIC PIPE

FEATURES

- Includes square hammer-in pin



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	NB/DN	Outer Diameter	Width	Thickness	A	B	C	D	Screw Diameter
DSCP040EG	400305	40	40 mm	20 mm	2.0 mm	80 mm	6 mm	7 mm	25 mm	M6
DSCP050EG	400306	50	50 mm	20 mm	2.0 mm	80 mm	6 mm	7 mm	25 mm	M6
DSCP070EG	400307	70	75 mm	20 mm	2.0 mm	80 mm	6 mm	8 mm	40 mm	M6
DSCP100EG	400308	100	110 mm	20 mm	2.0 mm	100 mm	6 mm	9 mm	45 mm	M6
DSCP125EG	400309	125	125 mm	20 mm	2.0 mm	100 mm	6 mm	9 mm	45 mm	M6
DSCP150EG	400310	150	160 mm	20 mm	2.0 mm	100 mm	6 mm			M6
DSCP200EG	400311	200	210 mm	20 mm	2.5 mm	120 mm	7 mm			M6

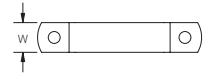
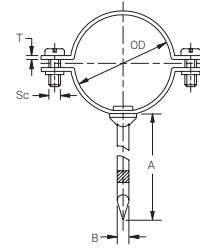
Mechanical

PIPE CLAMPS

DSC W HAMMER-IN PIN CLAMP FOR WASTEWATER PIPE

FEATURES

- Includes square hammer-in pin



Material: Steel

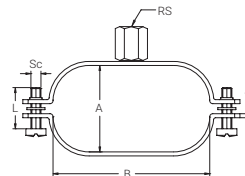
Finish: Electrogalvanized

Part Number	Article Number	NB/DN	Outer Diameter	Width	Thickness	A	B	Screw Diameter
DSCW032EG	400293	32	32 mm	20 mm	1.5 mm	80 mm	5 mm	M6
DSCW042EG	400294	40	42 mm	20 mm	1.5 mm	80 mm	6 mm	M6
DSCW053EG	400295	50	53 mm	20 mm	2.0 mm	80 mm	6 mm	M6
DSCW073EG	400296	65	73 mm	20 mm	2.0 mm	80 mm	6 mm	M6
DSCW102EG	400297	100	102 mm	20 mm	2.0 mm	100 mm	7 mm	M6
DSCW133EG	400298	125	133 mm	20 mm	2.0 mm	140 mm	7 mm	M6

OVAL OVAL PIPE CLAMP WITH NUT

FEATURES

- For pre-insulated pipe or tube



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	NB/DN	Rod Size	A	B	Width	Thickness	Screw Diameter	Screw Length
MXOVDN1012EG	401161	10, 12	M8, M10	30 mm	69 mm	20 mm	2 mm	M6	20 mm
MXOVDN1215EG	401244	12, 15	M8, M10	43 mm	78 mm	20 mm	2 mm	M6	20 mm
MXOVDN1618EG	401245	16, 18	M8, M10	51 mm	88 mm	20 mm	2 mm	M6	20 mm
MXOVDN20EG	401246	20	M8, M10	58 mm	108 mm	20 mm	2 mm	M6	20 mm
MXOVDN25EG	403800	25	M8, M10	71 mm	124 mm	20 mm	2 mm	M6	20 mm

Mechanical

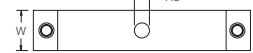
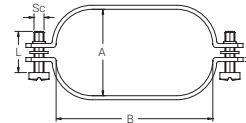
PIPE CLAMPS

OVAL DM OVAL PIPE CLAMP WITH PLAIN HOLE

FEATURES

- Includes mounting hole for direct mounting against wall
- For pre-insulated pipe or tube

Material: Steel
Finish: Painted

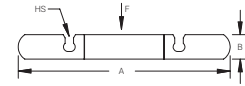
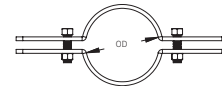


Part Number	Article Number	NB/DN	Hole Size	Width	Thickness	A	B	Screw Diameter	Screw Length	Color
MXOVDN1012	595096	12, 15	5.5 mm	20 mm	2 mm	43 mm	78 mm	M6	20 mm	Black

510 EZ RISER

FEATURES

- Recommended for suspending vertical steel pipe risers
- Slotted holes make assembly easy, eliminating loose hardware
- Serrated flange-head bolts eliminate need for wrenches on both bolt and nut



Material: Steel
Finish: Electrogalvanized



Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Hole Size	A	B	Static Load	Certifications
5100050EG	179325	1/2"	15	21.0 mm	11 mm	216 mm	25 mm	1,100 N	
5100075EG	179326	3/4"	20	27.0 mm	11 mm	229 mm	25 mm	1,100 N	
5100100EG	179327	1"	25	34.0 mm	11 mm	229 mm	25 mm	1,100 N	
5100125EG	179328	1 1/4"	32	43.0 mm	11 mm	240 mm	25 mm	1,100 N	
5100150EG	179329	1 1/2"	40	48.0 mm	11 mm	245 mm	25 mm	1,100 N	
5100200EG	179330	2"	50	60.0 mm	11 mm	260 mm	30 mm	1,100 N	cULus
5100250EG	179370	2 1/2"	65	73.0 mm	11 mm	280 mm	30 mm	1,735 N	cULus
5100300EG	179332	3"	80	89.0 mm	11 mm	298 mm	30 mm	2,400 N	cULus
5100400EG	179333	4"	100	114.0 mm	14 mm	330 mm	38 mm	3,600 N	cULus
5100500EG	179372	5"	125	141.3 mm	14 mm	368 mm	38 mm	5,200 N	cULus
5100600EG	179371	6"	150	168.3 mm	14 mm	406 mm	51 mm	6,900 N	cULus
5100800EG	179336	8"	200	219.0 mm	17 mm	464 mm	51 mm	11,100 N	cULus
5101000EG	179337	10"	250	273.0 mm	17 mm	524 mm	51 mm	11,100 N	

Clamp is fitted for steel pipe and should be installed below a coupling or shear lug, with bolts torqued to recommended value. Slotted holes and bolts for pipe sizes up to 12" only.

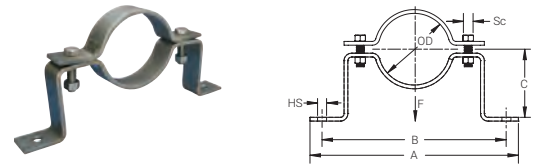
Mechanical

PIPE CLAMPS

700 OFFSET PIPE CLAMP

FEATURES

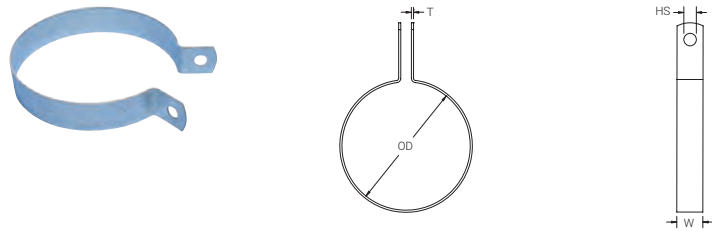
- Industrial pipe hanger to support piping away from wall or floor



Material: Stainless Steel 304 (EN 1.4301)

Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Hole Size	A	B	C	Screw Diameter	Static Load
7000250S4	702065	2 1/2"	65	76.1 mm	11.11 mm	304.8 mm	266.7 mm	81 mm	3/8"	1,820 N

STRC STRAP CLAMP



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Hole Size	Width	Thickness
STRC015EG	574115	15.0 mm	1/4"	8	7 mm	15 mm	0.6 mm
STRC018EG	574120	18.0 mm	3/8"	10	7 mm	15 mm	0.6 mm
STRC022EG	574125	22.0 mm	1/2"	15	7 mm	15 mm	0.6 mm
STRC028EG	574130	28.0 mm	3/4"	20	7 mm	15 mm	0.6 mm
STRC035EG	574135	35.0 mm	1"	25	7 mm	15 mm	0.6 mm
STRC042EG	574050	42.4 mm	1 1/4"	32	7 mm	15 mm	0.9 mm
STRC048EG	574060	48.3 mm	1 1/2"	40	7 mm	15 mm	0.9 mm
STRC060EG	574070	60.3 mm	2"	50	7 mm	15 mm	0.9 mm
STRC076EG	574080	76.1 mm		65	7 mm	20 mm	1.0 mm
STRC089EG	574090	88.9 mm	3"	80	9 mm	20 mm	1.0 mm
STRC110EG	574100	110.0 mm			9 mm	25 mm	1.5 mm
STRC114EG	574110	114.3 mm	4"	100	9 mm	25 mm	1.5 mm

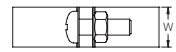
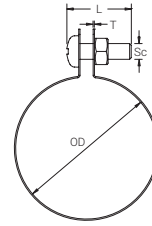
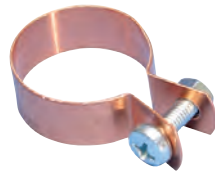
Mechanical

PIPE CLAMPS

STRC CU STRAP CLAMP FOR COPPER TUBE

FEATURES

- Includes fasteners, screw and nut



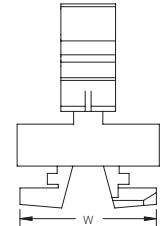
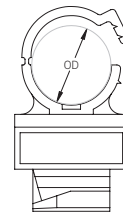
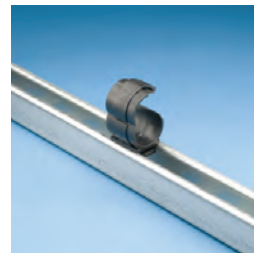
Material: Copper

Part Number	Article Number	Outer Diameter	Width	Thickness	Screw Diameter	Screw Length
STRC008CU	574150	8 mm	15 mm	0.6 mm	M6	16 mm
STRC010CU	574160	10 mm	15 mm	0.6 mm	M6	16 mm
STRC012CU	574170	12 mm	15 mm	0.6 mm	M6	16 mm
STRC015CU	574180	15 mm	15 mm	0.6 mm	M6	16 mm
STRC018CU	574190	18 mm	15 mm	0.6 mm	M6	16 mm
STRC022CU	574200	22 mm	15 mm	0.6 mm	M6	16 mm
STRC028CU	574210	28 mm	15 mm	0.6 mm	M6	16 mm
STRC035CU	574220	35 mm	15 mm	0.7 mm	M6	20 mm
STRC042CU	574230	42 mm	15 mm	0.8 mm	M6	20 mm
STRC054CU	574240	54 mm	15 mm	0.8 mm	M6	20 mm

SWIFT CLIP STRUT CLAMP FOR TUBE/PIPE

FEATURES

- Secures pipe while allowing it to expand, preventing cracked and fractured joints
- Snap-in and twist installation requires no tools
- Fits directly into vertical and horizontal strut channels
- Use for installation of refrigeration, A/C tubing and PEX piping in horizontal and vertical channels
- Compliant with UL® 2043 and suitable for use in air handling (plenum) spaces



Material: Polyamide

Working Temperature: -40 to 140 °C

Part Number	Article Number	Outer Diameter	Copper Tube Size	Pipe Size	NB/DN	Width
TSM0037	389046	10 mm	1/4"			41 mm
TSM0050	389047	12 mm	3/8"			41 mm
TSM0062	389048	16 mm	1/2"			41 mm
TSM0075	389049	20 mm	5/8"			41 mm
TSM0087	389053	22 mm	3/4"	1/2"	15	41 mm
TSM0112	389054	28 mm	1"			41 mm
TSM0137	389055	35 mm	1 1/4"			41 mm
TSM0162	389056	41 mm	1 1/2"			41 mm

Can also be used with PEX piping. For PEX pipe sizes, refer to the Copper Tube Size column. Clip must be installed with temperature at or above 14 °F (-10 °C).

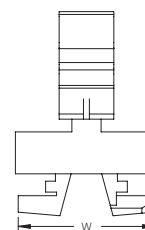
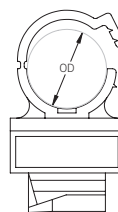
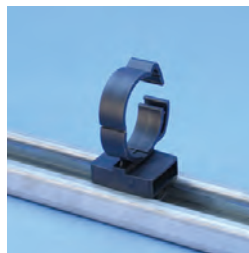
Mechanical

PIPE/TUBE TO STRUT

SWIFT CLIP STRUT CLAMP FOR INSULATED TUBE/PIPE

FEATURES

- Secures pipe and insulation without a break, providing an uninterrupted vapor barrier seal which eliminates sweating on metal fittings
- Snap-in and twist installation requires no tools
- Fits directly into vertical and horizontal strut channels
- For support and positioning of refrigeration, A/C tubing, PEX piping, conduit and cabling
- Compliant with UL® 2043 and suitable for use in air handling (plenum) spaces



Material: Polyamide

Working Temperature: -40 to 140 °C

Part Number	Article Number	Outer Diameter	Copper Tube Size	Pipe Size	NB/DN	Width
TSMI0062	389057	15 mm	1/2"			41 mm
TSMI0075	389058	20 mm	5/8"			41 mm
TSMI0087	389059	22 mm	3/4"	1/2"	15	41 mm
TSMI0100	389061	25 mm		3/4"	20	41 mm
TSMI0112	389062	28 mm	1"			41 mm
TSMI0125	389063	32 mm		1"	25	41 mm
TSMI0137	389064	35 mm	1 1/4"			41 mm
TSMI0150	389065	40 mm				41 mm
TSMI0162	389066	42 mm	1 1/2"			41 mm
TSMI0200	389067	50 mm				41 mm
TSMI0212	389068	54 mm	2"			41 mm

Can also be used with PEX piping. For PEX pipe sizes, refer to the Copper Tube Size column. Clip must be installed with temperature at or above 14 °F (-10 °C).

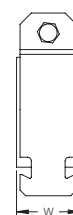
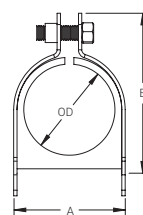
Mechanical

PIPE/TUBE TO STRUT

CUSHION CLAMP INSULATED STRUT CLAMP FOR PIPE/TUBE

FEATURES

- Fits into open side of strut channel
- Plastic cushion is hinged to spread apart for easy installation
- Reduces noise and absorbs shock by gripping the pipe/tube firmly
- Square neck of carriage bolt prevents over-tightening
- Nylon locknut prevents loosening under vibration



Material: Polypropylene, Steel
Finish: Electrogalvanized

Part Number	Article Number	Outer Diameter	Copper Tube Size	Pipe Size	NB/DN	Width	A	B
CCC0025	598882	6.3 mm				39.7 mm	15.7 mm	32.2 mm
CCC0037	598883	9.5 mm	1/4"			39.7 mm	18.9 mm	35.4 mm
CCC0050	598884	12.7 mm	3/8"	1/4"	8	39.7 mm	22.1 mm	38.6 mm
CCC0062	598886	15.8 mm	1/2"	3/8"	10	39.7 mm	25.2 mm	41.7 mm
CCC0075	598888	19.1 mm	5/8"			39.7 mm	28.4 mm	44.9 mm
CCC0087	598891	22.2 mm	3/4"	1/2"	15	39.7 mm	31.6 mm	48.1 mm
CCC0100	598892	25.4 mm		3/4"	20	39.7 mm	34.8 mm	51.3 mm
CCC0112	598894	28.6 mm	1"			39.7 mm	39.0 mm	62.4 mm
CCC0125	598895	31.8 mm		1"	25	39.7 mm	42.1 mm	65.6 mm
CCC0137	598897	34.9 mm	1 1/4"			39.7 mm	45.3 mm	68.8 mm
CCC0150	598898	38.1 mm				39.7 mm	48.5 mm	72.0 mm
CCC0162	598899	41.3 mm	1 1/2"	1 1/4"	32	39.7 mm	51.6 mm	75.1 mm
CCC0187	598903	47.6 mm		1 1/2"	40	39.7 mm	59.0 mm	81.5 mm
CCC0212	598906	53.9 mm	2"			39.7 mm	68.5 mm	91.0 mm
CCC0237	598908	60.3 mm		2"	50	39.7 mm	74.9 mm	97.4 mm
CCC0262	598941	66.7 mm	2 1/2"			39.7 mm	81.2 mm	103.7 mm
CCC0312	598945	79.4 mm	3"			39.7 mm	93.9 mm	116.4 mm
CCC0412	598953	104.8 mm	4"			39.7 mm	122.5 mm	151.0 mm
CCC0450	598957	114.3 mm		4"	100	39.7 mm	132.0 mm	160.5 mm

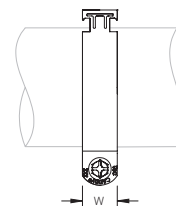
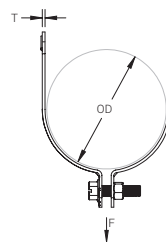
Mechanical

PIPE/TUBE TO STRUT

USC UNIVERSAL STRUT CLAMP FOR PIPE/CONDUIT

FEATURES

- Consists of two clamps, nut and bolt
- Fits into open side of strut channel
- Conforms with Manufacturers Standardization Society (MSS) SP-58 (Type 59)



Material: Steel

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Width	Thickness	Static Load
Finish: Electrogalvanized							
USC006EG	712000	6.4 mm			32 mm	1.5 mm	2,000 N
USC010EG	712010	9.5 mm			32 mm	1.5 mm	2,000 N
USC013EG	712020	12.7 – 13.7 mm			32 mm	1.5 mm	2,000 N
USC016EG	712030	14.6 – 15.9 mm			32 mm	1.5 mm	2,000 N
USC017EG	712033	17.2 mm	3/8"	10	32 mm	1.5 mm	2,000 N
USC020EG	712040	17.9 – 20.0 mm			32 mm	1.5 mm	2,000 N
USC021EG	712045	21.3 mm	1/2"	15	32 mm	1.5 mm	2,000 N
USC022EG	712050	21.5 – 22.2 mm			32 mm	1.5 mm	2,000 N
USC025EG	712060	23.4 – 25.4 mm			32 mm	1.5 mm	2,000 N
USC026EG	712065	25.4 – 26.9 mm	3/4"	20	32 mm	1.5 mm	2,000 N
USC028EG	712070	27.9 – 28.9 mm			32 mm	1.5 mm	2,000 N
USC031EG	712080	29.5 – 31.8 mm			32 mm	1.5 mm	2,000 N
USC033EG	712085	32.8 – 33.4 mm	1"		32 mm	1.5 mm	2,000 N
USC036EG	712090	33.7 – 38.1 mm		25	32 mm	2.0 mm	2,670 N
USC040EG	712100	38.4 – 40.6 mm			32 mm	2.0 mm	2,670 N
USC042EG	712105	41.3 – 42.4 mm	1 1/4"	32	32 mm	2.0 mm	2,670 N
USC046EG	712110	43.0 – 45.0 mm			32 mm	2.0 mm	2,670 N
USC048EG	712115	47.6 – 48.3 mm	1 1/2"	40	32 mm	2.0 mm	2,670 N
USC053EG	712120	50.3 – 53.7 mm			32 mm	2.5 mm	3,780 N
USC054EG	712125	54.0 – 55.0 mm			32 mm	2.5 mm	3,780 N
USC058EG	712130	55.8 – 57.2 mm			32 mm	2.5 mm	3,780 N
USC060EG	712035	60.3 mm	2"	50	32 mm	2.5 mm	3,780 N
USC063EG	712140	62.3 – 64.5 mm			32 mm	2.5 mm	3,780 N
USC068EG	712150	66.0 – 69.0 mm			32 mm	2.5 mm	3,780 N
USC073EG	712160	69.9 – 73.0 mm	2 1/2"		32 mm	2.5 mm	3,780 N
USC076EG	712165	75.3 – 76.2 mm		65	32 mm	2.5 mm	3,780 N
USC080EG	712170	77.2 – 82.6 mm			32 mm	2.5 mm	3,780 N
USC086EG	712180	84.0 – 88.9 mm	3"	80	32 mm	2.5 mm	3,780 N
USC101EG	712200	98.4 – 102.6 mm	3 1/2"	90	32 mm	2.5 mm	3,780 N
USC113EG	712220	111.1 – 115.3 mm	4"	100	32 mm	2.5 mm	3,780 N
USC121EG	712230	117.5 – 123.8 mm			32 mm	2.5 mm	3,780 N
USC129EG	712240	127.0 – 130.2 mm			32 mm	2.5 mm	3,780 N
USC135EG	712250	133.4 – 136.5 mm			32 mm	2.5 mm	3,780 N
USC143EG	712260	139.7 – 146.1 mm	5"	125	32 mm	3.0 mm	4,000 N
USC152EG	712270	149.2 – 154.9 mm			32 mm	3.0 mm	4,000 N
USC159EG	712280	155.6 – 162.0 mm			32 mm	3.0 mm	4,000 N
USC168EG	712290	165.1 – 171.5 mm	6"	150	32 mm	3.0 mm	4,000 N
USC178EG	712300	174.6 – 181.0 mm			32 mm	3.0 mm	4,000 N
USC191EG	712310	190.5 mm			32 mm	3.0 mm	4,000 N
USC200EG	712320	196.9 – 203.2 mm			32 mm	3.0 mm	4,000 N
USC218EG	712340	215.9 – 219.1 mm	8"	200	32 mm	3.0 mm	4,000 N
Finish: Hot-Dip Galvanized							
USC017HD	712403	17.2 mm	3/8"	10	32 mm	1.5 mm	2,000 N
USC021HD	712405	21.3 mm	1/2"	15	32 mm	1.5 mm	2,000 N
USC022HD	712410	21.5 – 22.2 mm			32 mm	1.5 mm	2,000 N
USC026HD	712422	25.4 – 26.9 mm	3/4"	20	32 mm	1.5 mm	2,000 N
USC033HD	712428	32.8 – 33.4 mm	1"		32 mm	1.5 mm	2,000 N
USC036HD	712430	33.7 – 38.1 mm		25	32 mm	2.0 mm	2,670 N

Mechanical

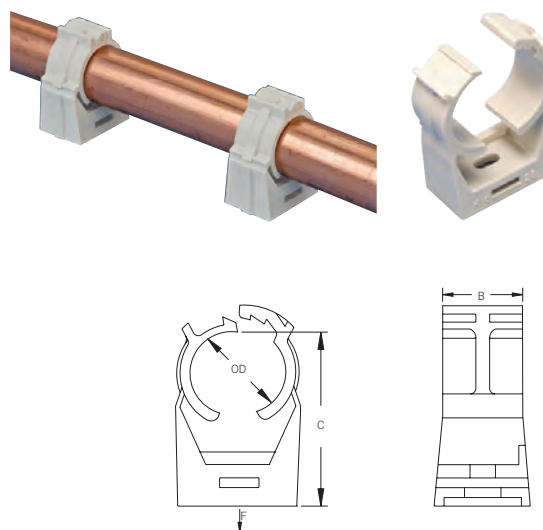
PIPE/TUBE TO STRUT

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Width	Thickness	Static Load
USC042HD	712445	41.3 – 42.4 mm	1 1/4"	32	32 mm	2.0 mm	2,670 N
USC048HD	712452	47.6 – 48.3 mm	1 1/2"	40	32 mm	2.0 mm	2,670 N
USC060HD	712465	60.3 mm	2"	50	32 mm	2.5 mm	3,780 N
USC076HD	712475	75.3 – 76.2 mm		65	32 mm	2.5 mm	3,780 N
USC086HD	712480	84.0 – 88.9 mm	3"	80	32 mm	2.5 mm	3,780 N
USC113HD	712490	111.1 – 115.3 mm	4"	100	32 mm	2.5 mm	3,780 N
USC143HD	712500	139.7 – 146.1 mm	5"	125	32 mm	3.0 mm	4,000 N
USC168HD	712510	165.1 – 171.5 mm	6"	150	32 mm	3.0 mm	4,000 N
USC218HD	712520	215.9 – 219.1 mm	8"	200	32 mm	3.0 mm	4,000 N
USC277HD	712530	273.0 – 280.0 mm	10"	250	32 mm	3.0 mm	4,000 N

SUPERKLIP

FEATURES

- Closes and locks automatically when the pipe, tube or cable is inserted
- One-piece clamp for fast and convenient installation
- Fasten with either wood screw, dual threaded screw with or without collar, nail with collar, threaded rod, mounting plate or shot-fire bracket
- M6 and M8 insert nuts available



Material: Xenoy®

Temperature: 150 °C Max

Part Number	Outer Diameter	Pipe Size	Copper Tube Size	B	C	Static Load
389001	11.8 – 14.3 mm		3/8"	17.2 mm	29.9 mm	160 N
389002	14.3 – 16.8 mm		1/2"	19.5 mm	32.0 mm	175 N
389003	16.8 – 19.5 mm	3/8"	5/8"	20.0 mm	35.4 mm	190 N
389004	19.5 – 21.8 mm	1/2"		20.0 mm	39.4 mm	200 N
389005	21.8 – 24.8 mm		3/4"	20.0 mm	42.0 mm	215 N
389006	24.8 – 27.8 mm	3/4"		20.2 mm	45.1 mm	240 N
389007	27.8 – 31.2 mm		1"	20.2 mm	48.9 mm	260 N
389008	31.2 – 35.5 mm	1"	1 1/4"	21.0 mm	54.4 mm	300 N
389009	35.5 – 39.5 mm		1 1/4"	21.0 mm	59.4 mm	320 N
389011	39.5 – 43.5 mm	1 1/4"	1 1/2"	21.0 mm	64.2 mm	360 N
389012	46.5 – 50.5 mm	1 1/2"		22.0 mm	72.8 mm	375 N
389013	50.5 – 55.5 mm		2"	23.0 mm	78.7 mm	400 N
389014	58.5 – 64.0 mm	2"		23.2 mm	88.2 mm	410 N
389017	7.8 – 9.5 mm		1/4"	17.1 mm	26.4 mm	135 N
389018	9.5 – 11.8 mm		1/4"	17.1 mm	26.4 mm	150 N

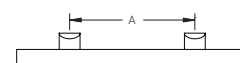
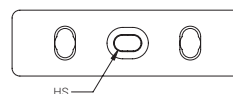
Mechanical

PIPE FIXINGS

SUPERKLIP BP1 BASE PLATE FOR TWO CLIPS

FEATURES

- Mounting plate to accept 2 SUPERKLIP clamps



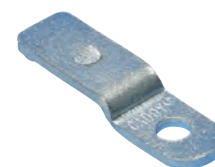
Material: Xenoy®

Part Number	Hole Size	A
389015	4.5 mm	40 mm

SUPERKLIP CA CONCRETE ATTACHMENT

FEATURES

- Steel clip which fits in the side of the Superklip
- Steel clip can be shot fired to concrete or steel



Material: Steel

Finish: Electrogalvanized

Part Number	Hole Size
389071	5 mm

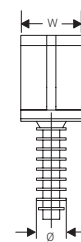
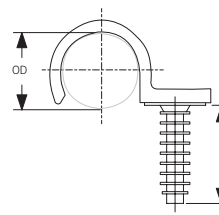
Mechanical

PIPE FIXINGS

RING FRF /1 SINGLE PIPE CLIP WITH PLUG

FEATURES

- Hammer in plastic clip to hold one pipe/conduit
- Fix into drilled hole in brick or concrete



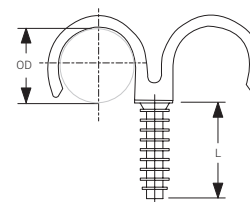
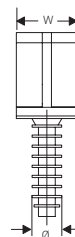
Material: Polyamide

Part Number	Article Number	Outer Diameter	Length	Width	Diameter	Drill Bit Diameter
FRF014	571130	14 mm	30 mm	20 mm	9.8 mm	8 mm
FRF016	571140	16 mm	30 mm	20 mm	9.8 mm	8 mm
FRF018	571150	18 mm	30 mm	20 mm	9.8 mm	8 mm
FRF020	571160	20 mm	30 mm	20 mm	9.8 mm	8 mm
FRF022	571170	22 mm	30 mm	20 mm	9.8 mm	8 mm
FRF025	571180	25 mm	30 mm	20 mm	9.8 mm	8 mm
FRF028	571190	28 mm	30 mm	20 mm	9.8 mm	8 mm

RING FRF /2 DOUBLE PIPE CLIP WITH PLUG

FEATURES

- Hammer in plastic clip to hold 2 pipes/conduit
- Fix into drilled hole in brick or concrete



Material: Polyamide

Part Number	Article Number	Outer Diameter	Length	Width	Diameter	Drill Bit Diameter
FRF016X2	571200	16 mm	30 mm	20 mm	9.8 mm	8 mm
FRF018X2	571210	18 mm	30 mm	20 mm	9.8 mm	8 mm
FRF020X2	571220	20 mm	30 mm	20 mm	9.8 mm	8 mm
FRF022X2	571230	22 mm	30 mm	20 mm	9.8 mm	8 mm
FRF025X2	571240	25 mm	30 mm	20 mm	9.8 mm	8 mm
FRF028X2	571250	28 mm	30 mm	20 mm	9.8 mm	8 mm

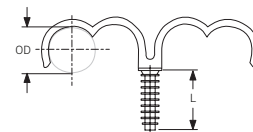
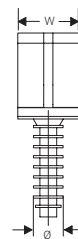
Mechanical

PIPE FIXINGS

RING FRF /4 QUADRUPLE PIPE CLIP WITH PLUG

FEATURES

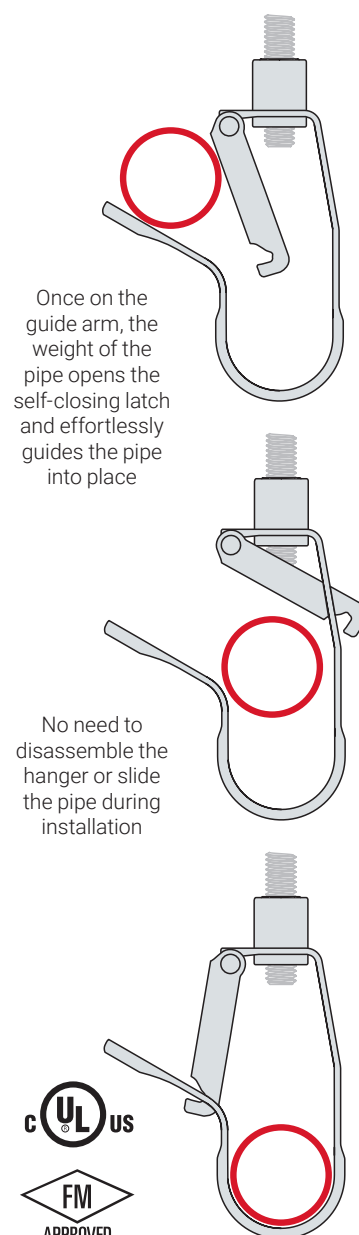
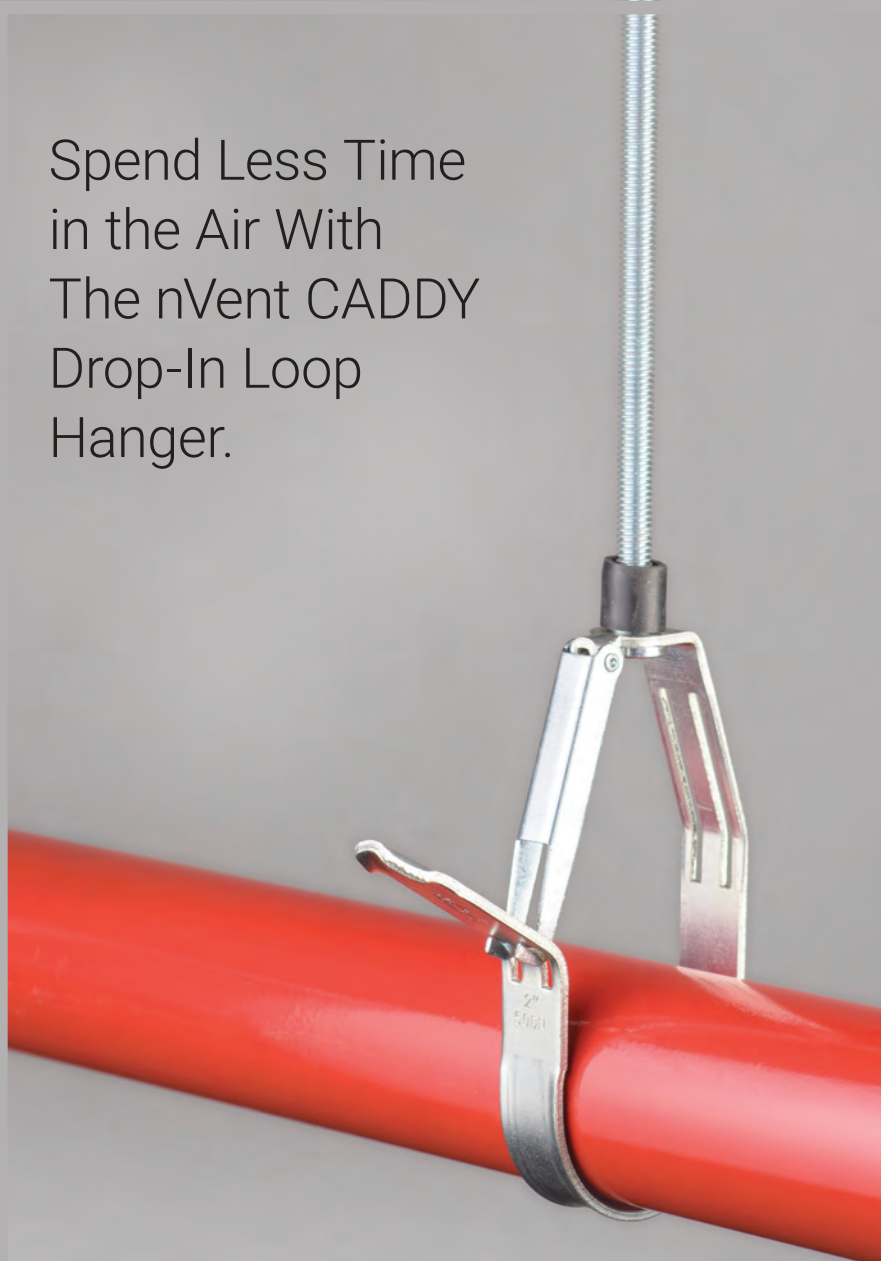
- Hammer in plastic clip to hold 4 pipes/conduit
- Fix into drilled hole in brick or concrete



Material: Polyamide

Part Number	Article Number	Outer Diameter	Length	Width	Diameter	Drill Bit Diameter
FRF020X4	571260	20 mm	30 mm	20 mm	9.8 mm	8 mm
FRF025X4	571265	25 mm	30 mm	20 mm	9.8 mm	8 mm

Spend Less Time
in the Air With
The nVent CADDY
Drop-In Loop
Hanger.



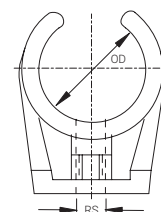
Mechanical

PIPE FIXINGS

RING PCP /1 SINGLE PIPE CLIP WITH INSERT NUT

FEATURES

- Push in tube clip
- Female brass insert



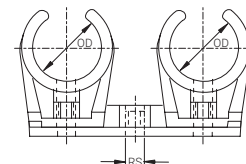
Material: Polyamide, Brass

Part Number	Article Number	Outer Diameter	Rod Size	Color
PCP006	401097	6 mm	M6	White
PCP008	401098	8 mm	M6	White
PCP010	401099	10 mm	M6	White
PCP012	401100	12 mm	M6	White
PCP014015	401101	14 – 15 mm	M6	White
PCP016018	401102	16 – 18 mm	M6	White
PCP020022	401103	20 – 22 mm	M6	White
PCP024	401104	24 mm	M6	White
PCP028	401105	28 mm	M6	White
PCP035	401106	35 mm	M6	White

RING PCP /2 DOUBLE PIPE CLIP WITH INSERT NUT

FEATURES

- Double push in tube clip
- Female brass insert



Material: Polyamide, Brass

Part Number	Article Number	Outer Diameter	Rod Size	Color
PCP006X2	401107	6 mm	M6	White
PCP008X2	401108	8 mm	M6	White
PCP010X2	401109	10 mm	M6	White
PCP012X2	401110	12 mm	M6	White
PCP014015X2	401111	14 – 15 mm	M6	White
PCP016018X2	401112	16 – 18 mm	M6	White
PCP020022X2	401113	20 – 22 mm	M6	White

Mechanical

PIPE FIXINGS

RING PLUS SINGLE PIPE CLIP WITH PLUG AND STRAP

FEATURES

- Strong design, one piece construction
- Product design prevents deformation
- Excessive lateral devices prevent the pipe from slipping out



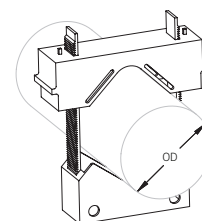
Material: Nylon

Part Number	Article Number	Outer Diameter	Drill Bit Diameter
PLUSFRF018	571550	16 mm	8 mm
PLUSFRF020	571560	20 mm	8 mm
PLUSFRF025	571570	25 mm	8 mm

TPC TUBE AND PIPE CLAMP

FEATURES

- Positions pipe or tube in stud wall applications
- May be used with the nVent CADDY Telescoping Screw Gun Bracket (TSGB) for an adjustable pipe bracket and clamping system



Material: Nylon

Part Number	Article Number	Outer Diameter
TPC112	187192	9 – 28 mm
TPC238	187193	16 – 61 mm

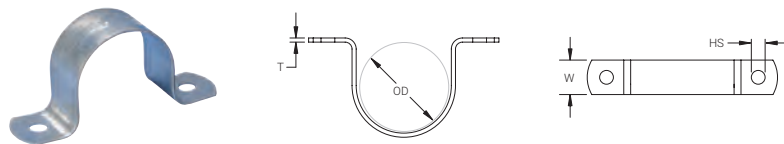
Mechanical

PIPE FIXINGS

2HPS TWO HOLE PIPE STRAP

FEATURES

- Light duty support of pipe
- Attaches directly to the face of a horizontal or vertical structural member



Material: Steel

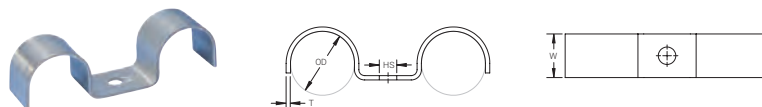
Finish: Pregalvanized

Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Hole Size	Width	Thickness
008017EG	400678	3/8"	10	17.2 mm	7 mm	20 mm	1 mm
008021EG	400679	1/2"	15	21.3 mm	7 mm	20 mm	1 mm
008027EG	400680	3/4"	20	26.9 mm	7 mm	20 mm	1 mm
008034EG	400681	1"	25	33.7 mm	7 mm	20 mm	1 mm
008042EG	400682	1 1/4"	32	42.4 mm	7 mm	20 mm	1 mm
008048EG	400683	1 1/2"	40	48.3 mm	7 mm	20 mm	1 mm
008060EG	400684	2"	50	60.3 mm	7 mm	20 mm	1 mm

TWO HOLE DOUBLE PIPE SADDLE

FEATURES

- One hole strap for two pipes



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Hole Size	Width	Thickness
DPS020	400675	3/8"	10	20 mm	7 mm	20 mm	1.5 mm
DPS025	400676	1/2"	15	25 mm	7 mm	20 mm	1.5 mm
DPS028	400677	3/4"	20	28 mm	7 mm	20 mm	1.5 mm

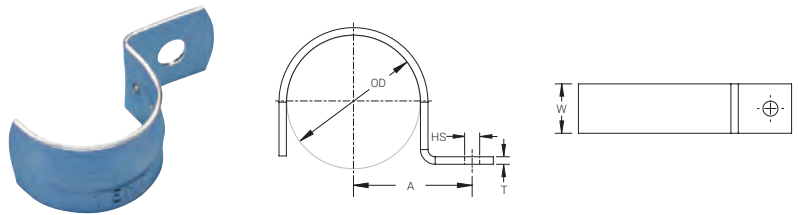
Mechanical

PIPE FIXINGS

ONE HOLE STRAP FOR PIPE AND CONDUIT

FEATURES

- Recommended for supporting horizontal runs of piping from the face of a structural member
- Fastening hole in strap may be above or below pipe



Material: Steel

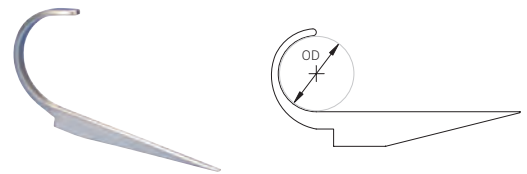
Finish: Pregalvanized

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Hole Size	A	Width	Thickness
007020EG	400672	20 mm	3/8"	10	7 mm	26.0 mm	20 mm	1.5 mm
007025EG	400673	25 mm	1/2"	15	7 mm	28.5 mm	20 mm	1.5 mm
007028EG	400674	28 mm	3/4"	20	7 mm	30.0 mm	20 mm	1.5 mm

PIPE HOOK

FEATURES

- Forged flat steel
- For steel, cast iron, and lead pipes



Material: Steel

Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter
Finish: Electrogalvanized				
UPH0037EG	400319	3/8"	10	17.2 mm
UPH0050EG	400320	1/2"	15	21.3 mm
UPH0075EG	400321	3/4"	20	26.9 mm
UPH0100EG	400322	1"	25	33.7 mm
UPH0125EG	400323	1 1/4"	32	42.4 mm
UPH0150EG	400324	1 1/2"	40	48.3 mm
UPH0200EG	400325	2"	50	60.3 mm
UPH0250EG	400326	2 1/2"	65	76.1 mm
UPH0400EG	400327	4"	100	114.3 mm
Finish: Plain				
UPH0037PL	400312	3/8"	10	17.2 mm
UPH0050PL	400313	1/2"	15	21.3 mm
UPH0075PL	400314	3/4"	20	26.9 mm
UPH0100PL	400315	1"	25	33.7 mm
UPH0125PL	400316	1 1/4"	32	42.4 mm
UPH0150PL	400317	1 1/2"	40	48.3 mm
UPH0200PL	400318	2"	50	60.3 mm

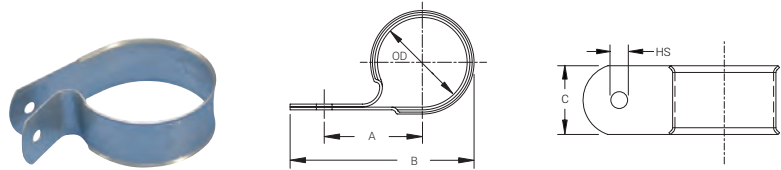
Mechanical

PIPE FIXINGS

107 WRAPAROUND STRAP FOR CPVC PIPE

FEATURES

- Includes flared edges to protect piping
- Rated for use with CPVC fire sprinkler pipe
- Includes mounting screw



Material: Steel

Finish: Pregalvanized

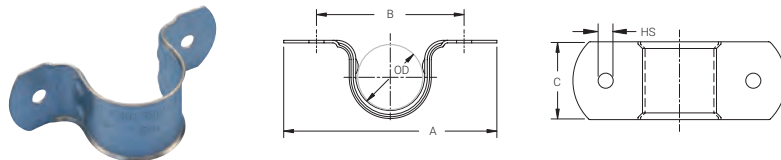


Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Hole Size	A	B	C	Hanger Spacing
1070075EG	597816	3/4"	20	26.9 mm	5.8 mm	31.8 mm	60.3 mm	30.2 mm	1.65 m Max
1070100EG	597817	1"	25	33.7 mm	5.8 mm	36.5 mm	68.3 mm	30.2 mm	1.80 m Max
1070125EG	597818	1 1/4"	32	42.2 mm	5.8 mm	41.3 mm	77.8 mm	30.2 mm	1.95 m Max
1070150EG	597819	1 1/2"	40	48.3 mm	5.8 mm	44.5 mm	84.1 mm	30.2 mm	2.10 m Max
1070200EG	597821	2"	50	60.3 mm	5.8 mm	47.6 mm	93.7 mm	30.2 mm	2.40 m Max

108 TWO HOLE STRAP FOR CPVC PIPE

FEATURES

- Includes flared edges to protect piping
- Rated for use with CPVC fire sprinkler pipe
- Includes mounting screws



Material: Steel

Finish: Pregalvanized



Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Hole Size	A	B	C	Hanger Spacing
1080075EG	597822	3/4"	20	26.9 mm	5.8 mm	82.6 mm	57.2 mm	30.2 mm	1.65 m Max
1080100EG	597823	1"	25	33.7 mm	5.8 mm	88.9 mm	63.5 mm	30.2 mm	1.80 m Max
1080125EG	597824	1 1/4"	32	42.2 mm	5.8 mm	108.0 mm	82.6 mm	30.2 mm	1.95 m Max
1080150EG	597825	1 1/2"	40	48.3 mm	5.8 mm	112.7 mm	87.3 mm	30.2 mm	2.10 m Max
1080200EG	597826	2"	50	60.3 mm	5.8 mm	125.4 mm	100.0 mm	30.2 mm	2.40 m Max

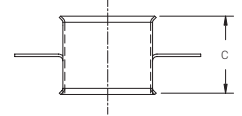
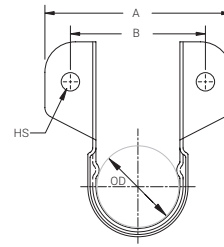
Mechanical

PIPE FIXINGS

109 SIDE MOUNT STRAP FOR CPVC PIPE

FEATURES

- Includes flared edges to protect piping
- Rated for use with CPVC fire sprinkler pipe
- Includes mounting screws



Material: Steel

Finish: Pregalvanized

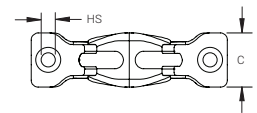
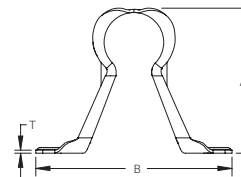
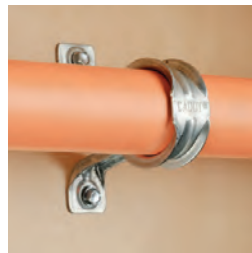


Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Hole Size	A	B	C	Hanger Spacing
1090075EG	597827	3/4"	20	26.9 mm	5.8 mm	58.7 mm	42.9 mm	30.2 mm	1.65 m Max
1090100EG	597828	1"	25	33.7 mm	5.8 mm	66.7 mm	49.2 mm	30.2 mm	1.80 m Max
1090125EG	597829	1 1/4"	32	42.2 mm	5.8 mm	74.6 mm	58.7 mm	30.2 mm	1.95 m Max
1090150EG	597831	1 1/2"	40	48.3 mm	5.8 mm	81.0 mm	63.5 mm	30.2 mm	2.10 m Max
1090200EG	597832	2"	50	60.3 mm	5.8 mm	92.1 mm	76.2 mm	30.2 mm	2.40 m Max

SOSR STAND OFF TWO HOLE STRAP FOR CPVC PIPE

FEATURES

- Includes flared edges to protect piping
- Rated for use with CPVC fire sprinkler pipe
- Positions pipe 1-1/2" (38 mm) off the mounting surface eliminating the need for wooden spacer blocks
- Can be mounted in both vertical and horizontal positions on concrete, steel and wood
- Meets the UL® 203 stringent upward thrust requirement
- UL® Listed as both a hanger and pipe restrainer
- Complies with static load requirements of NFPA® 13
- Includes mounting screws
- Can be used with 3TW backing nut on composite wood joist installations



Material: Steel

Finish: Pregalvanized



Part Number	Article Number	Pipe Size	NB/DN	Hole Size	A	B	C	Thickness	Hanger Spacing	Standard Packaging Quantity
SOSR075	597805	3/4"	20	5.1 mm	68 mm	92 mm	25.4 mm	1.30 mm	1.65 m Max	100 pc
SOSR100	597806	1"	25	5.1 mm	75 mm	94 mm	25.4 mm	1.30 mm	1.80 m Max	100 pc
SOSR125	597807	1 1/4"	32	5.1 mm	84 mm	92 mm	25.4 mm	1.61 mm	1.95 m Max	100 pc
SOSR150	597808	1 1/2"	40	5.1 mm	98 mm	114 mm	25.4 mm	1.61 mm	2.10 m Max	100 pc
SOSR200	597809	2"	50	5.1 mm	102 mm	133 mm	25.4 mm	1.61 mm	2.40 m Max	100 pc

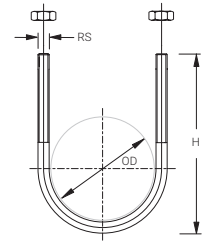
Mechanical

PIPE FIXINGS

U-BOLT, DIN 3570

FEATURES

- Complete with 2 nuts



Material: Steel

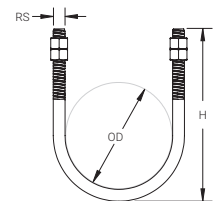
Finish: Electrogalvanized

Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Rod Size	Height
UB2N021M10	400254	1/2"	15	21.3 mm	M10	55 mm
UB2N027M10	400255	3/4"	20	26.9 mm	M10	70 mm
UB2N034M10	400256	1"	25	33.7 mm	M10	76 mm
UB2N042M10	400257	1 1/4"	32	42.4 mm	M10	86 mm
UB2N048M10	400258	1 1/2"	40	48.3 mm	M10	92 mm
UB2N060M12	400259	2"	50	60.3 mm	M12	109 mm
UB2N076M12	400260	2 1/2"	65	76.1 mm	M12	125 mm
UB2N089M12	400261	3"	80	88.9 mm	M12	138 mm
UB2N114M16	400262	4"	100	114.3 mm	M16	171 mm
UB2N140M16	400263	5"	125	139.7 mm	M16	191 mm
UB2N168M16	400264	6"	150	168.3 mm	M16	217 mm
UB2N219M20	400265	8"	200	219.1 mm	M20	283 mm
UB2N273M20	400266	10"	250	273.0 mm	M20	334 mm
UB2N323M20	400267	12"	300	323.9 mm	M20	385 mm
UB2N368M24	400268	14"	350	368.0 mm	M24	435 mm
UB2N419M24	400269	16"	400	419.0 mm	M24	487 mm
UB2N508M24	400270	20"	500	508.0 mm	M24	589 mm

U-BOLT

FEATURES

- Complete with 4 nuts



Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Height
Material: Stainless Steel 316 (EN 1.4401)						
UB4N013M6S6	597605	21 mm	1/2"	15	M6	46 mm
UB4N013M8S6	599344	13 mm	1/4"	8	M8	34 mm
UB4N017M8S6	599345	17 mm	3/8"	10	M8	42 mm
UB4N021M8S6	599346	21 mm	1/2"	15	M8	46 mm
UB4N027M8S6	597615	27 mm	3/4"	20	M8	58 mm
UB4N034M8S6	597625	34 mm	1"	25	M8	63 mm
UB4N042M8S6	597635	42 mm	1 1/4"	32	M8	76 mm
UB4N049M8S6	597645	49 mm	1 1/2"	40	M8	78 mm
UB4N054M8S6	599811	54 mm			M8	78 mm

Mechanical

PIPE FIXINGS

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	Height
UB4N060M8S6	597655	60 mm	2"	50	M8	88 mm
UB4N076M8S6	597665	76 mm	2 1/2"	65	M8	118 mm
UB4N090M10S6	597675	90 mm	3"	80	M10	125 mm
UB4N090M8S6	599357	90 mm	3"	80	M8	125 mm
UB4N102M10S6	599288	102 mm			M10	125 mm
UB4N102M8S6	599347	102 mm			M8	125 mm
UB4N114M10S6	599289	114 mm	4"	100	M10	166 mm
UB4N114M8S6	599348	114 mm	4"	100	M8	166 mm
UB4N135M8S6	599349	135 mm	4 3/4"		M8	190 mm
UB4N140M12S6	599225	140 mm	5"	125	M12	197 mm
UB4N140M8S6	599350	140 mm	5"	125	M8	197 mm
UB4N160M14S6	599235	160 mm	5 1/2"		M14	214 mm
UB4N160M8S6	599351	160 mm	5 1/2"		M8	214 mm
UB4N168M14S6	599245	168 mm	6"	150	M14	224 mm
UB4N168M8S6	599352	168 mm	6"	150	M8	224 mm
UB4N193M10S6	599353	193 mm			M10	248 mm
UB4N219M10S6	599354	219 mm	8"	200	M10	286 mm
UB4N273M10S6	599355	273 mm	10"	250	M10	331 mm
UB4N323M10S6	599356	323 mm	12"	300	M10	389 mm
Material: Steel — Finish: Electrogalvanized						
UB4N013M6	599100	13 mm	1/4"	8	M6	34 mm
UB4N013M8	599331	13 mm	1/4"	8	M8	34 mm
UB4N017M6	599110	17 mm	3/8"	10	M6	42 mm
UB4N017M8	599332	17 mm	3/8"	10	M8	42 mm
UB4N021M6	599120	21 mm	1/2"	15	M6	46 mm
UB4N021M8	599333	21 mm	1/2"	15	M8	46 mm
UB4N027M8	599130	27 mm	3/4"	20	M8	58 mm
UB4N034M8	599140	34 mm	1"	25	M8	63 mm
UB4N042M8	599150	42 mm	1 1/4"	32	M8	76 mm
UB4N049M8	599160	49 mm	1 1/2"	40	M8	78 mm
UB4N060M8	599170	60 mm	2"	50	M8	88 mm
UB4N076M8	599180	76 mm	2 1/2"	65	M8	118 mm
UB4N090M10	599190	90 mm	3"	80	M10	125 mm
UB4N090M8	599334	90 mm	3"	80	M8	125 mm
UB4N114M10	599200	114 mm	4"	100	M10	166 mm
UB4N114M8	599335	114 mm	4"	100	M8	166 mm
UB4N135M10	599210	135 mm	4 3/4"		M10	190 mm
UB4N135M8	599336	135 mm	4 3/4"		M8	190 mm
UB4N140M12	599220	140 mm	5"	125	M12	197 mm
UB4N140M8	599337	140 mm	5"	125	M8	197 mm
UB4N160M14	599230	160 mm	5 1/2"		M14	214 mm
UB4N160M8	599338	160 mm	5 1/2"		M8	214 mm
UB4N168M14	599240	168 mm	6"	150	M14	224 mm
UB4N168M8	599339	168 mm	6"	150	M8	224 mm
UB4N193M10	599340	193 mm			M10	248 mm
UB4N193M16	599280	193 mm			M16	248 mm
UB4N219M10	599341	219 mm	8"	200	M10	286 mm
UB4N219M16	599250	219 mm	8"	200	M16	286 mm
UB4N273M10	599342	273 mm	10"	250	M10	331 mm
UB4N273M16	599260	273 mm	10"	250	M16	331 mm
UB4N323M10	599343	323 mm	12"	300	M10	389 mm
UB4N323M18	599270	323 mm	12"	300	M18	389 mm

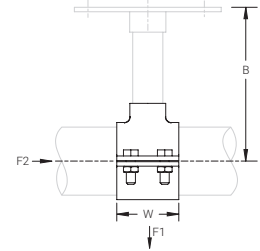
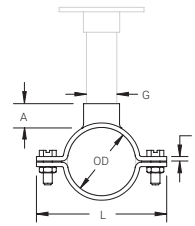
Mechanical

PIPE EXPANSION PRODUCTS

PF ZIN FIX POINT CLAMP

FEATURES

- Heavy duty pipe clamp
- Suitable for fix point applications
- Pipe clamp connects to threaded pipe



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	OD	Pipe Size	NB/DN	G	L	W	T	A	B	F1 (N)	F2 (N)
FPC025	588730	20 – 25	1/2	15	1/2	72	55	4	15	150	3,250	1,200
FPC031	588740	26 – 31	3/4	20	1/2	80	55	4	15	150	3,250	1,200
FPC039	588750	32 – 39	1	25	1/2	90	55	4	15	150	3,250	1,200
FPC045	588760	40 – 45	1 1/4	32	1/2	98	55	4	15	150	3,250	1,200
FPC052	588770	46 – 52	1 1/2	40	1/2	103	55	4	15	150	3,250	1,200
FPC059	588780	53 – 59			3/4	107	55	4	17	150	3,250	1,200
FPC066	588790	60 – 66	2	50	3/4	115	55	4	17	150	5,250	1,500
FPC072	588800	67 – 72			3/4	125	55	4	17	150	5,250	1,500
FPC078	588810	73 – 78	2 1/2	65	1	135	55	4	20	150	5,250	1,500
FPC086	588820	79 – 86			1	145	55	4	20	150	5,250	1,500
FPC093	588830	87 – 93	3	80	1	147	55	4	20	150	5,750	1,800
FPC102	588840	94 – 102			1	159	55	4	20	150	5,750	1,800
FPC111	588850	103 – 111			1	163	55	4	20	150	5,750	1,800
FPC120	588860	112 – 120	4	100	1	185	55	4	20	150	5,750	1,800
FPC128	588870	121 – 128			1	185	55	4	20	150	5,750	1,800
FPC135	588880	129 – 135			1	188	55	4	20	150	5,750	1,800
FPC142	588890	136 – 142	5	125	1	195	55	4	20	150	5,750	1,800
FPC165	588900	157 – 165			1	223	60	5	20	150	5,750	1,800
FPC219	588910	219 – 219	8	200	1	292	60	5	20	150	5,750	1,800

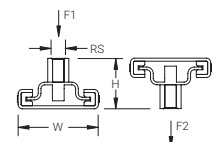
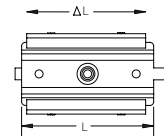
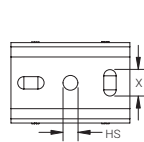
Mechanical

PIPE EXPANSION PRODUCTS

PESHO HEAVY DUTY PIPE SLIDE, ONE CONNECTOR

FEATURES

- For use with one pipe clamp



Material: Steel

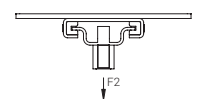
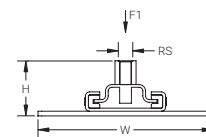
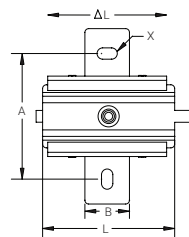
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Height	Δ Length	Length	Width	Hole Size	X	Temperature	Static Load 1	Static Load 2
PESHO	580564	M12, M16	51 mm	120 mm	150 mm	100 mm	12.5 mm	13 x 25 mm	240 °C Max	9,000 N	5,000 N

PESHOS HEAVY DUTY PIPE SLIDE WITH STRAP, ONE CONNECTOR

FEATURES

- For use with one pipe clamp
- Includes welded on mounting strap



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Height	Δ Length	Length	Width	A	B	X	Temperature	Static Load 1	Static Load 2
PESHOS	580565	M12, M16	57 mm	120 mm	150 mm	188 mm	160 mm	40 mm	13 x 25 mm	240 °C Max	9,000 N	5,000 N

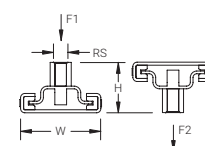
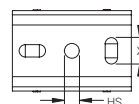
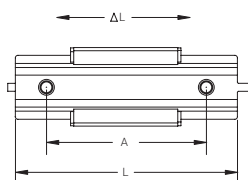
Mechanical

PIPE EXPANSION PRODUCTS

PESHT HEAVY DUTY PIPE SLIDE, TWO CONNECTORS

FEATURES

- For use with two pipe clamps



Material: Steel

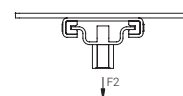
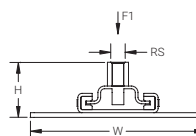
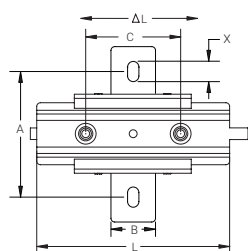
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Hole Size	Height	Δ Length	Length	Width	A	X	Temperature	Static Load 1	Static Load 2
PESHT	580566	M12, M16	13 mm	51 mm	245 mm	275 mm	100 mm	210 mm	13 x 25 mm	240 °C Max	9,000 N	5,000 N

PESHTS HEAVY DUTY PIPE SLIDE WITH STRAP, TWO CONNECTORS

FEATURES

- For use with two pipe clamps
- Includes welded on mounting strap



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Height	Δ Length	Length	Width	A	B	C	X	Temperature	Static Load 1	Static Load 2
PESHTS	580567	M12, M16	57 mm	245 mm	275 mm	188 mm	160 mm	40 mm	210 mm	13 x 25 mm	240 °C Max	9,000 N	5,000 N

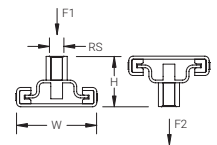
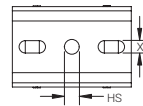
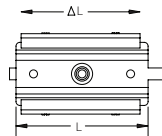
Mechanical

PIPE EXPANSION PRODUCTS

PESMO MEDIUM DUTY PIPE SLIDE, ONE CONNECTOR

FEATURES

- For use with one pipe clamp



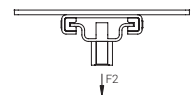
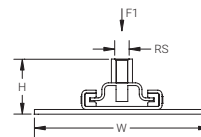
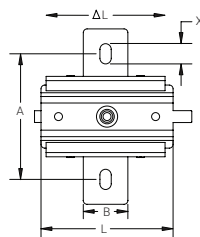
Material: Steel, Polyamide
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Hole Size	Height	Δ Length	Length	Width	X	Temperature	Static Load F1, F2
PESMO	580560	M10, M12	12.5 mm	42 mm	80 mm	122 mm	67 mm	10.5 x 22 mm	120 °C Max	2,300 N

PESMOS MEDIUM DUTY PIPE SLIDE WITH STRAP, ONE CONNECTOR

FEATURES

- For use with one pipe clamp
- Includes welded on mounting strap



Material: Steel, Polyamide
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Height	Δ Length	Length	Width	A	B	X	Temperature	Static Load F1, F2
PESMOS	580561	M10, M12	46 mm	80 mm	122 mm	150 mm	100 mm	40 mm	12.5 x 20 mm	120 °C Max	2,300 N

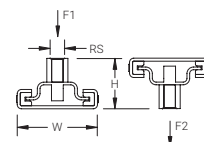
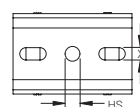
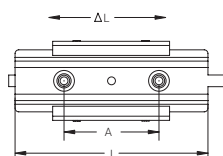
Mechanical

PIPE EXPANSION PRODUCTS

PESMT MEDIUM DUTY PIPE SLIDE, TWO CONNECTORS

FEATURES

- For use with two pipe clamps



Material: Steel, Polyamide

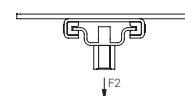
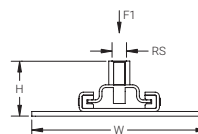
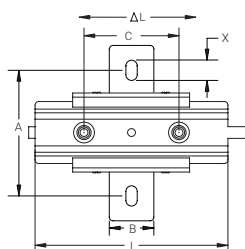
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Hole Size	Height	Δ Length	Length	Width	A	X	Temperature	Static Load F1, F2
PESMT	580562	M10, M12	12.5 mm	42 mm	140 mm	165 mm	67 mm	123 mm	10.5 x 22 mm	120 °C Max	2,300 N

PESMTS, MEDIUM DUTY PIPE SLIDE WITH STRAP, TWO CONNECTORS

FEATURES

- For use with two pipe clamps
- Includes welded on mounting strap



Material: Steel, Polyamide

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Height	Δ Length	Length	Width	A	B	C	X	Temperature	Static Load F1, F2
PESMTS	580563	M10, M12	46 mm	140 mm	165 mm	150 mm	100 mm	40 mm	123 mm	12.5 x 20 mm	120 °C Max	2,300 N

Mechanical

PIPE EXPANSION PRODUCTS

PCG MEDIUM DUTY PIPE SLIDE



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Δ Length	Temperature	Static Load
PCG	588170	M10	55 mm	-40 to 100 °C	1,500 N

RADIATOR FIXING KIT, THREE PIECE

FEATURES

- Kit with 3 brackets
- Complete with screws and plugs



Material: Steel, Polyamide
Finish: Electrogalvanized

Part Number	Article Number	Δ Length
RADKIT3PC	400837	40 – 65 mm

RADIATOR FIXING KIT, FOUR PIECE

FEATURES

- Kit with 4 brackets
- Complete with screws and plugs



Material: Steel, Polyamide
Finish: Electrogalvanized

Part Number	Article Number	Δ Length
RADKIT4PC	400838	40 – 65 mm

Mechanical

RADIATOR FIXINGS

BOTTOM BRACKET FOR OLD STYLE RADIATOR

FEATURES

- Bottom fixing bracket for old style radiators



Material: Steel

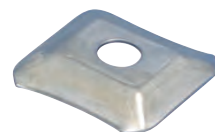
Finish: Plain

Part Number	Article Number	Length	A	B	Thickness
RADKON240	400817	240 mm	25 mm	25 mm	3.5 mm
RADKON260	400818	260 mm	25 mm	25 mm	3.5 mm
RADKON280	400819	280 mm	25 mm	25 mm	3.5 mm
RADKON300	400820	300 mm	25 mm	25 mm	3.5 mm
RADKON320	400821	320 mm	25 mm	25 mm	3.5 mm
RADKON340	400822	340 mm	25 mm	25 mm	3.5 mm
RADKON360	400823	360 mm	25 mm	25 mm	3.5 mm
RADKON380	400824	380 mm	25 mm	25 mm	3.5 mm
RADKON400	400825	400 mm	25 mm	25 mm	3.5 mm

DOME WASHER FOR OLD-STYLE RADIATOR

FEATURES

- Hollow cup washer for old style radiators



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Hole Size
RADTOPWS	400816	9 mm

Mechanical

RADIATOR FIXINGS

RADIATOR BOTTOM FIXING

FEATURES

- Loose bracket for radiator fixing
- Bottom fixing



Material: Steel, Polyamide
Finish: Electrogalvanized

Part Number	Article Number	Δ Length
RADBOT4065	400836	40 – 65 mm

RADIATOR SIDE FIXING

FEATURES

- Loose bracket for radiator fixing
- Side fixing



Material: Steel, Polyamide
Finish: Electrogalvanized

Part Number	Article Number	Δ Length
RADSIDE4065	400835	40 – 65 mm

SINK SUPPORT BRACKET

FEATURES

- Loose bracket for radiator fixing
- Side fixing



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	Length	A	B	Thickness
SINKON450HD	400841	450 mm	30 mm	30 mm	4 mm
SINKON500HD	400842	500 mm	30 mm	30 mm	4 mm
SINKON550HD	400843	550 mm	30 mm	30 mm	4 mm
SINKON800HD	400844	600 mm	30 mm	30 mm	4 mm

Mechanical

RADIATOR FIXINGS

TOP BRACKET KIT FOR OLD STYLE RADIATOR

FEATURES

- Complete fixing bracket for old style radiators



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	Length	Rod Size
RADTOP225EG	400809	225 mm	M8
RADTOP260EG	400810	260 mm	M8
RADTOP280EG	400811	280 mm	M8
RADTOP300EG	400812	300 mm	M8
RADTOP330EG	400813	330 mm	M8
RADTOP370EG	400814	370 mm	M8
RADTOP405EG	400815	405 mm	M8

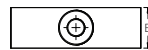
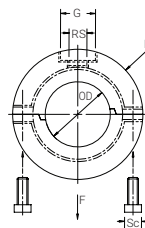
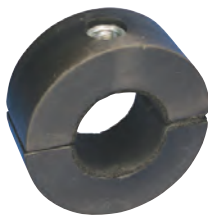
Mechanical

PIPE INSULATION PRODUCTS

ISOL PIPE SUPPORT FOR COLD INSTALLATIONS

FEATURES

- With integrated steel pipe clamp
- Synthetic foam applied to all internal surfaces makes use of sealing kit be superfluous
- $k = 0.049 \text{ W/m} \cdot ^\circ\text{K}$ (a 0 °C)
- Fire rating B2 acc. to DIN 4102-1



Material: Steel, Polyurethane

Finish: Electrogalvanized

Density: 250 kg/m³

Temperature: -160 to 130 °C

Part Number	Article Number	Outer Diameter	Pipe Size	NB/ DN	Gewinde	Rod Size	B	E	Screw Diameter	Static Load
ISOL017	142420	17.2 mm	3/8"	10	1/2"	M8	40 mm	30 mm	M6	210 N
ISOL021	142430	21.3 mm	1/2"	15	1/2"	M8	40 mm	30 mm	M6	260 N
ISOL022	142390	22.0 mm			1/2"	M8	40 mm	30 mm	M6	260 N
ISOL027	142440	26.9 mm	3/4"	20	1/2"	M8	40 mm	30 mm	M6	320 N
ISOL028	142400	28.0 mm			1/2"	M8	40 mm	30 mm	M6	320 N
ISOL034	142450	33.7 mm	1"	25	1/2"	M8	40 mm	30 mm	M6	400 N
ISOL035	142620	35.0 mm			1/2"	M8	40 mm	30 mm	M6	420 N
ISOL042	142460	42.4 mm	1 1/4"	32	1/2"	M8	40 mm	30 mm	M6	510 N
ISOL048	142470	48.3 mm	1 1/2"	40	1/2"	M8	40 mm	30 mm	M6	580 N
ISOL054	142410	54.0 mm			1/2"	M8	40 mm	30 mm	M6	620 N
ISOL057	142480	57.0 mm			1/2"	M8	40 mm	30 mm	M6	650 N
ISOL060	142490	60.3 mm	2"	50	1/2"	M8	50 mm	30 mm	M6	720 N
ISOL064	142495	63.5 mm			1/2"	M8	50 mm	30 mm	M6	770 N
ISOL070	142500	70.0 mm			1/2"	M10	50 mm	30 mm	M8	1,260 N
ISOL076	142510	76.1 mm	2 1/2"	65	1/2"	M10	50 mm	30 mm	M8	1,370 N
ISOL089	142520	88.9 mm	3"	80	1/2"	M10	50 mm	30 mm	M8	1,600 N
ISOL108	142530	108.0 mm			1/2"	M10	60 mm	40 mm	M8	2,590 N
ISOL114	142540	114.3 mm	4"	100	1/2"	M10	60 mm	40 mm	M8	2,740 N
ISOL133	142550	133.0 mm			1/2"	M10	60 mm	40 mm	M8	3,190 N
ISOL139	142560	139.7 mm	5"	125	1/2"	M10	60 mm	40 mm	M8	3,350 N
ISOL159	142570	159.0 mm			1/2"	M12	60 mm	40 mm	M10	3,830 N
ISOL168	142580	168.3 mm	6"	150	1/2"	M12	60 mm	40 mm	M10	4,040 N
ISOL219	142590	219.1 mm	8"	200	1/2"	M16	100 mm	60 mm	M10	5,260 N
ISOL273	142600	273.0 mm	10"	250		M16	100 mm	60 mm	M12	8,190 N
ISOL324	142610	324.0 mm	12"	300		M20	100 mm	60 mm	M12	11,600 N

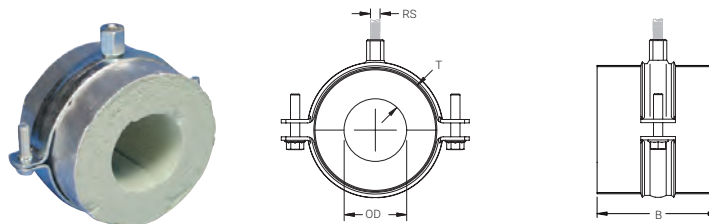
Mechanical

PIPE INSULATION PRODUCTS

SIT INSULATED PIPE CLAMP

FEATURES

- Pre-mounted with steel two screw pipe clamp
- Fire rating B2 acc. to DIN 4102-1
- Fire rating M1 acc. to NFP 92-501



Material: Steel, Polyisocyanurate

Finish: Electrogalvanized

Density: 80 kg/m³

Compressive Strength: 520 kPa @ 23 °C

Thermal Conductivity: 0.029 W/m-K @ 10 °C

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	B
Insulation Thickness: 25 mm						
SIT25I0021	580600	21 mm	1/2"	15	M8, M10	75 mm
SIT25I0022	580605	22 mm			M8, M10	75 mm
SIT25I0027	580610	27 mm	3/4"	20	M8, M10	75 mm
SIT25I0028	580615	28 mm			M8, M10	75 mm
SIT25I0034	580620	34 mm	1"	25	M8, M10	75 mm
SIT25I0035	580625	35 mm			M8, M10	75 mm
SIT25I0042	580630	42 mm	1 1/4"	32	M8, M10	75 mm
SIT25I0049	580640	49 mm	1 1/2"	40	M8, M10	75 mm
SIT25I0054	580645	54 mm			M8, M10	75 mm
SIT25I0060	580650	60 mm	2"	50	M8, M10	75 mm
SIT25I0067	580655	67 mm			M8, M10	75 mm
SIT25I0070	580660	70 mm			M8, M10	75 mm
SIT25I0076	580670	76 mm	2 1/2"	65	M8, M10	75 mm
SIT25I0080	580675	80 mm			M8, M10	75 mm
SIT25I0089	580680	89 mm	3"	80	M8, M10	75 mm
SIT25I0093	580685	93 mm			M8, M10	75 mm
SIT25I0102	580690	102 mm			M8, M10	75 mm
SIT25I0108	580700	108 mm			M8, M10	75 mm
SIT25I0114	580710	114 mm	4"	100	M8, M10	75 mm
SIT25I0133	580720	133 mm			M8, M10	100 mm
SIT25I0140	580730	140 mm	5"	125	M8, M10	100 mm
SIT25I0159	580740	159 mm			M8, M10	100 mm
SIT25I0168	580750	168 mm	6"	150	M8, M10	100 mm

Mechanical

PIPE INSULATION PRODUCTS

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	B
Insulation Thickness: 30 mm						
SIT30I0015	580990	15 mm			M8, M10	75 mm
SIT30I0021	581000	21 mm	1/2"	15	M8, M10	75 mm
SIT30I0022	581005	22 mm			M8, M10	75 mm
SIT30I0027	581010	27 mm	3/4"	20	M8, M10	75 mm
SIT30I0028	581015	28 mm			M8, M10	75 mm
SIT30I0034	581020	34 mm	1"	25	M8, M10	75 mm
SIT30I0035	581025	35 mm			M8, M10	75 mm
SIT30I0042	581030	42 mm	1 1/4"	32	M8, M10	75 mm
SIT30I0049	581040	49 mm	1 1/2"	40	M8, M10	75 mm
SIT30I0054	581045	54 mm			M8, M10	75 mm
SIT30I0060	581050	60 mm	2"	50	M8, M10	75 mm
SIT30I0067	581055	67 mm			M8, M10	75 mm
SIT30I0070	581060	70 mm			M8, M10	75 mm
SIT30I0076	581070	76 mm	2 1/2"	65	M8, M10	75 mm
SIT30I0080	581075	80 mm			M8, M10	75 mm
SIT30I0089	581080	89 mm	3"	80	M8, M10	75 mm
SIT30I0093	581085	93 mm			M8, M10	75 mm
SIT30I0102	581090	102 mm			M8, M10	75 mm
SIT30I0108	581100	108 mm			M8, M10	75 mm
SIT30I0114	581110	114 mm	4"	100	M8, M10	75 mm
SIT30I0133	581120	133 mm			M8, M10	100 mm
SIT30I0140	581130	140 mm	5"	125	M8, M10	100 mm
SIT30I0159	581140	159 mm			M8, M10	100 mm
SIT30I0168	581150	168 mm	6"	150	M8, M10	100 mm
Insulation Thickness: 40 mm						
SIT40I0015	581390	15 mm			M8, M10	75 mm
SIT40I0021	581400	21 mm	1/2"	15	M8, M10	75 mm
SIT40I0022	581405	22 mm			M8, M10	75 mm
SIT40I0027	581410	27 mm	3/4"	20	M8, M10	75 mm
SIT40I0028	581415	28 mm			M8, M10	75 mm
SIT40I0034	581420	34 mm	1"	25	M8, M10	75 mm
SIT40I0035	581425	35 mm			M8, M10	75 mm
SIT40I0042	581430	42 mm	1 1/4"	32	M8, M10	75 mm
SIT40I0049	581440	49 mm	1 1/2"	40	M8, M10	75 mm
SIT40I0054	581445	54 mm			M8, M10	75 mm
SIT40I0060	581450	60 mm	2"	50	M8, M10	75 mm
SIT40I0067	581455	67 mm			M8, M10	75 mm
SIT40I0070	581460	70 mm			M8, M10	75 mm
SIT40I0076	581470	76 mm	2 1/2"	65	M8, M10	75 mm
SIT40I0080	581475	80 mm			M8, M10	75 mm
SIT40I0089	581480	89 mm	3"	80	M8, M10	75 mm
SIT40I0093	581485	93 mm			M8, M10	75 mm
SIT40I0102	581490	102 mm			M8, M10	75 mm
SIT40I0108	581500	108 mm			M8, M10	75 mm
SIT40I0114	581510	114 mm	4"	100	M8, M10	75 mm
SIT40I0133	581520	133 mm			M8, M10	100 mm
SIT40I0140	581540	140 mm	5"	125	M8, M10	100 mm
SIT40I0159	581550	159 mm			M8, M10	100 mm
SIT40I0168	581530	168 mm	6"	150	M8, M10	100 mm

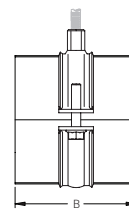
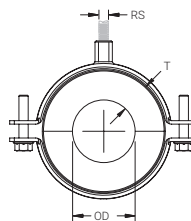
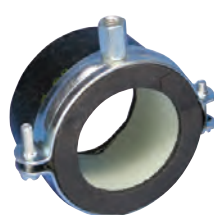
Mechanical

PIPE INSULATION PRODUCTS

SIT CLIM INSULATED PIPE CLAMP WITH RUBBER ENDS

FEATURES

- Pre-mounted with steel two screw pipe clamp
- Fire rating B2 acc. to DIN 4102-1
- Fire rating M1 acc. to NFP 92-501



Material: Polyisocyanurate, Steel

Finish: Electrogalvanized

Density: 80 kg/m³

Compressive Strength: 520 kPa @ 23 °C

Thermal Conductivity: 0.030 W/m-K @ 10 °C.

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	B
Insulation Thickness: 13 mm						
SCL13I0010	580091	10.0 mm			M8, M10	50 mm
SCL13I0012	580092	12.0 mm			M8, M10	50 mm
SCL13I0016	580093	15.0 mm			M8, M10	50 mm
SCL13I0017	580100	17.0 mm	3/8"	10	M8, M10	50 mm
SCL13I0018	580105	18.0 mm			M8, M10	50 mm
SCL13I0021	580110	21.0 mm	1/2"	15	M8, M10	50 mm
SCL13I0022	580111	22.0 mm			M8, M10	50 mm
SCL13I0025	580112	25.0 mm			M8, M10	50 mm
SCL13I0027	580120	27.0 mm	3/4"	20	M8, M10	50 mm
SCL13I0028	580121	28.0 mm			M8, M10	50 mm
SCL13I0030	580122	30.0 mm			M8, M10	50 mm
SCL13I0034	580130	34.0 mm	1"	25	M8, M10	50 mm
SCL13I0035	580135	35.0 mm			M8, M10	50 mm
SCL13I0042	580140	42.0 mm	1 1/4"	32	M8, M10	50 mm
SCL13I0044	580145	44.5 mm			M8, M10	50 mm
SCL13I0049	580150	49.0 mm	1 1/2"	40	M8, M10	50 mm
SCL13I0054	580151	54.0 mm			M8, M10	50 mm
SCL13I0057	580152	58.0 mm			M8, M10	50 mm
SCL13I0060	580160	60.0 mm	2"	50	M8, M10	50 mm
SCL13I0064	580170	64.0 mm			M8, M10	50 mm
SCL13I0070	581600	70.0 mm			M8, M10	50 mm
SCL13I0076	581610	76.0 mm	2 1/2"	65	M8, M10	50 mm
SCL13I0089	581620	89.0 mm	3"	80	M8, M10	50 mm
SCL13I0102	581630	102.0 mm			M8, M10	50 mm
SCL13I0108	581640	108.0 mm			M8, M10	50 mm
SCL13I0114	581650	114.0 mm	4"	100	M8, M10	50 mm
Insulation Thickness: 19 mm						
SCL19I0010	580270	10.0 mm			M8, M10	50 mm
SCL19I0012	580280	12.0 mm			M8, M10	50 mm
SCL19I0016	580290	15.0 mm			M8, M10	50 mm
SCL19I0017	580300	17.0 mm	3/8"	10	M8, M10	50 mm
SCL19I0018	580305	18.0 mm			M8, M10	50 mm
SCL19I0021	580310	21.0 mm	1/2"	15	M8, M10	50 mm
SCL19I0022	580311	22.0 mm			M8, M10	50 mm
SCL19I0025	580312	25.0 mm			M8, M10	50 mm
SCL19I0027	580320	27.0 mm	3/4"	20	M8, M10	50 mm
SCL19I0028	580321	28.0 mm			M8, M10	50 mm
SCL19I0030	580322	30.0 mm			M8, M10	50 mm
SCL19I0034	580330	34.0 mm	1"	25	M8, M10	50 mm
SCL19I0035	580335	35.0 mm			M8, M10	50 mm
SCL19I0042	580340	42.0 mm	1 1/4"	32	M8, M10	50 mm
SCL19I0044	580345	44.5 mm			M8, M10	50 mm
SCL19I0049	580350	49.0 mm	1 1/2"	40	M8, M10	50 mm
SCL19I0054	580351	54.0 mm			M8, M10	50 mm
SCL19I0057	580352	57.0 mm			M8, M10	50 mm
SCL19I0060	580360	60.0 mm	2"	50	M8, M10	50 mm

Mechanical

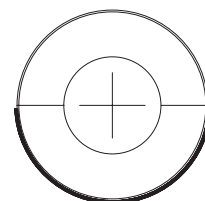
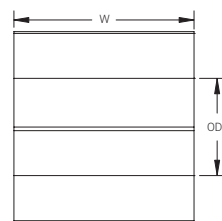
PIPE INSULATION PRODUCTS

Part Number	Article Number	Outer Diameter	Pipe Size	NB/DN	Rod Size	B
SCL19I0064	580365	64.0 mm			M8, M10	50 mm
SCL19I0070	581660	70.0 mm			M8, M10	50 mm
SCL19I0076	581670	76.0 mm	2 1/2"	65	M8, M10	50 mm
SCL19I0089	581680	89.0 mm	3"	80	M8, M10	50 mm
SCL19I0102	581690	102.0 mm			M8, M10	50 mm
SCL19I0108	581700	108.0 mm			M8, M10	50 mm
SCL19I0114	581710	114.0 mm	4"	100	M8, M10	50 mm
SCL19I0125	581715	125.0 mm			M8, M10	50 mm
SCL19I0133	581720	133.0 mm			M8, M10	50 mm
SCL19I0139	581725	139.7 mm	5"	125	M8, M10	50 mm
SCL19I0160	581730	160.0 mm			M8, M10	50 mm
SCL19I0168	581735	168.3 mm	6"	150	M8, M10	50 mm

SIT PH PHENOLIC INSULATION BLOCK

FEATURES

- Pre-galvanized steel spreader plate included for larger sizes
- CFC/HCFC-free
- Fire rating B2 acc. to DIN 4102-1
- Fire rating M1 acc. to NFP 92-501



Material: Rigid Phenolic Insulation

Temperature: -120 to 180 °C

Part Number	Article Number	Insulation Thickness	Copper Tube Size	Pipe Size	NB/DN	Plate Thickness	Density	Width
Outer Diameter: 114.0 mm								
PHEN15I0114SH	402390	15 mm		4"	100	1.0 mm	80 kg/m ³	99 mm
PHEN20I0114SH	402391	20 mm		4"	100	1.0 mm	80 kg/m ³	99 mm
PHEN25I0114SH	402392	25 mm		4"	100	1.0 mm	80 kg/m ³	99 mm
PHEN30I0114SH	402393	30 mm		4"	100	1.0 mm	80 kg/m ³	99 mm
PHEN40I0114SH	402394	40 mm		4"	100	1.0 mm	80 kg/m ³	99 mm
PHEN50I0114SH	402395	50 mm		4"	100	1.0 mm	80 kg/m ³	99 mm
Outer Diameter: 133.0 mm								
PHEN15I0133SH	402400	15 mm	133 mm			1.0 mm	80 kg/m ³	99 mm
PHEN20I0133SH	402401	20 mm	133 mm			1.0 mm	80 kg/m ³	99 mm
PHEN25I0133SH	402402	25 mm	133 mm			1.0 mm	80 kg/m ³	99 mm
PHEN30I0133SH	402403	30 mm	133 mm			1.0 mm	80 kg/m ³	99 mm
PHEN40I0133SH	402404	40 mm	133 mm			1.0 mm	80 kg/m ³	99 mm
PHEN50I0133SH	402405	50 mm	133 mm			1.0 mm	80 kg/m ³	99 mm
Outer Diameter: 140.0 mm								
PHEN15I0140SH	402410	15 mm		5"	125	1.0 mm	80 kg/m ³	99 mm
PHEN20I0140SH	402411	20 mm		5"	125	1.0 mm	80 kg/m ³	99 mm
PHEN25I0140SH	402412	25 mm		5"	125	1.0 mm	80 kg/m ³	99 mm
PHEN30I0140SH	402413	30 mm		5"	125	1.0 mm	80 kg/m ³	99 mm
PHEN40I0140SH	402414	40 mm		5"	125	1.0 mm	80 kg/m ³	99 mm
PHEN50I0140SH	402415	50 mm		5"	125	1.0 mm	80 kg/m ³	99 mm

Mechanical

PIPE INSULATION PRODUCTS

Part Number	Article Number	Insulation Thickness	Copper Tube Size	Pipe Size	NB/DN	Plate Thickness	Density	Width
Outer Diameter: 15.0 mm								
PHEN15I0015	402280	15 mm	15 mm				60 kg/m3	99 mm
PHEN20I0015	402281	20 mm	15 mm				60 kg/m3	99 mm
PHEN25I0015	402282	25 mm	15 mm				60 kg/m3	99 mm
PHEN30I0015	402283	30 mm	15 mm				60 kg/m3	99 mm
PHEN40I0015	402284	40 mm	15 mm				60 kg/m3	99 mm
PHEN50I0015	402285	50 mm	15 mm				60 kg/m3	99 mm
Outer Diameter: 159.0 mm								
PHEN15I0159SH	402420	15 mm	159 mm			1.5 mm	120 kg/m3	124 mm
PHEN20I0159SH	402421	20 mm	159 mm			1.5 mm	120 kg/m3	124 mm
PHEN25I0159SH	402422	25 mm	159 mm			1.5 mm	120 kg/m3	124 mm
PHEN30I0159SH	402423	30 mm	159 mm			1.5 mm	120 kg/m3	124 mm
PHEN40I0159SH	402424	40 mm	159 mm			1.5 mm	120 kg/m3	124 mm
PHEN50I0159SH	402425	50 mm	159 mm			1.5 mm	120 kg/m3	124 mm
Outer Diameter: 168.0 mm								
PHEN15I0168SH	402430	15 mm		6"	150	1.5 mm	120 kg/m3	124 mm
PHEN20I0168SH	402431	20 mm		6"	150	1.5 mm	120 kg/m3	124 mm
PHEN25I0168SH	402432	25 mm		6"	150	1.5 mm	120 kg/m3	124 mm
PHEN30I0168SH	402433	30 mm		6"	150	1.5 mm	120 kg/m3	124 mm
PHEN40I0168SH	402434	40 mm		6"	150	1.5 mm	120 kg/m3	124 mm
PHEN50I0168SH	402435	50 mm		6"	150	1.5 mm	120 kg/m3	124 mm
Outer Diameter: 21.5 mm								
PHEN15I0022	402290	15 mm	22 mm	1/2"	15		60 kg/m3	99 mm
PHEN20I0022	402291	20 mm	22 mm	1/2"	15		60 kg/m3	99 mm
PHEN25I0022	402292	25 mm	22 mm	1/2"	15		60 kg/m3	99 mm
PHEN30I0022	402293	30 mm	22 mm	1/2"	15		60 kg/m3	99 mm
PHEN40I0022	402294	40 mm	22 mm	1/2"	15		60 kg/m3	99 mm
PHEN50I0022	402295	50 mm	22 mm	1/2"	15		60 kg/m3	99 mm
Outer Diameter: 219.0 mm								
PHEN15I0219SH	402440	15 mm		8"	200	1.5 mm	120 kg/m3	124 mm
PHEN20I0219SH	402441	20 mm		8"	200	1.5 mm	120 kg/m3	124 mm
PHEN25I0219SH	402442	25 mm		8"	200	1.5 mm	120 kg/m3	124 mm
PHEN30I0219SH	402443	30 mm		8"	200	1.5 mm	120 kg/m3	124 mm
PHEN40I0219SH	402444	40 mm		8"	200	1.5 mm	120 kg/m3	124 mm
PHEN50I0219SH	402445	50 mm		8"	200	1.5 mm	120 kg/m3	124 mm
Outer Diameter: 27.5 mm								
PHEN15I0028	402300	15 mm	28 mm	3/4"	20		60 kg/m3	99 mm
PHEN20I0028	402301	20 mm	28 mm	3/4"	20		60 kg/m3	99 mm
PHEN25I0028	402302	25 mm	28 mm	3/4"	20		60 kg/m3	99 mm
PHEN30I0028	402303	30 mm	28 mm	3/4"	20		60 kg/m3	99 mm
PHEN40I0028	402304	40 mm	28 mm	3/4"	20		60 kg/m3	99 mm
PHEN50I0028	402305	50 mm	28 mm	3/4"	20		60 kg/m3	99 mm
Outer Diameter: 34.5 mm								
PHEN15I0035	402310	15 mm	35 mm	1"	25		60 kg/m3	99 mm
PHEN20I0035	402311	20 mm	35 mm	1"	25		60 kg/m3	99 mm
PHEN25I0035	402312	25 mm	35 mm	1"	25		60 kg/m3	99 mm
PHEN30I0035	402313	30 mm	35 mm	1"	25		60 kg/m3	99 mm
PHEN40I0035	402314	40 mm	35 mm	1"	25		60 kg/m3	99 mm
PHEN50I0035	402315	50 mm	35 mm	1"	25		60 kg/m3	99 mm

MECHANICAL

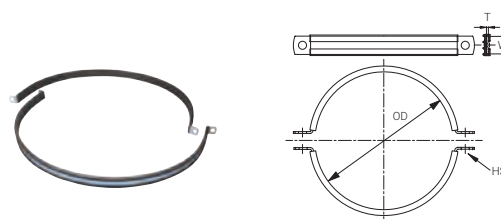
PIPE INSULATION PRODUCTS

Part Number	Article Number	Insulation Thickness	Copper Tube Size	Pipe Size	NB/DN	Plate Thickness	Density	Width
Outer Diameter: 42.0 mm								
PHEN15I0042	402320	15 mm	42 mm	1 1/4"	32		60 kg/m3	99 mm
PHEN20I0042	402321	20 mm	42 mm	1 1/4"	32		60 kg/m3	99 mm
PHEN25I0042	402322	25 mm	42 mm	1 1/4"	32		60 kg/m3	99 mm
PHEN30I0042	402323	30 mm	42 mm	1 1/4"	32		60 kg/m3	99 mm
PHEN40I0042	402324	40 mm	42 mm	1 1/4"	32		60 kg/m3	99 mm
PHEN50I0042	402325	50 mm	42 mm	1 1/4"	32		60 kg/m3	99 mm
Outer Diameter: 48.0 mm								
PHEN15I0048SH	402330	15 mm		1 1/2"	40	1.0 mm	60 kg/m3	99 mm
PHEN20I0048SH	402331	20 mm		1 1/2"	40	1.0 mm	60 kg/m3	99 mm
PHEN25I0048SH	402332	25 mm		1 1/2"	40	1.0 mm	60 kg/m3	99 mm
PHEN30I0048SH	402333	30 mm		1 1/2"	40	1.0 mm	60 kg/m3	99 mm
PHEN40I0048SH	402334	40 mm		1 1/2"	40	1.0 mm	60 kg/m3	99 mm
PHEN50I0048SH	402335	50 mm		1 1/2"	40	1.0 mm	60 kg/m3	99 mm
Outer Diameter: 54.0 mm								
PHEN15I0054SH	402340	15 mm	54 mm			1.0 mm	60 kg/m3	99 mm
PHEN20I0054SH	402341	20 mm	54 mm			1.0 mm	60 kg/m3	99 mm
PHEN25I0054SH	402342	25 mm	54 mm			1.0 mm	60 kg/m3	99 mm
PHEN30I0054SH	402343	30 mm	54 mm			1.0 mm	60 kg/m3	99 mm
PHEN40I0054SH	402344	40 mm	54 mm			1.0 mm	60 kg/m3	99 mm
PHEN50I0054SH	402345	50 mm	54 mm			1.0 mm	60 kg/m3	99 mm
Outer Diameter: 60.0 mm								
PHEN15I0060SH	402350	15 mm		2"	50	1.0 mm	60 kg/m3	99 mm
PHEN20I0060SH	402351	20 mm		2"	50	1.0 mm	60 kg/m3	99 mm
PHEN25I0060SH	402352	25 mm		2"	50	1.0 mm	60 kg/m3	99 mm
PHEN30I0060SH	402353	30 mm		2"	50	1.0 mm	60 kg/m3	99 mm
PHEN40I0060SH	402354	40 mm		2"	50	1.0 mm	60 kg/m3	99 mm
PHEN50I0060SH	402355	50 mm		2"	50	1.0 mm	60 kg/m3	99 mm
Outer Diameter: 67.0 mm								
PHEN15I0067SH	402360	15 mm	67 mm			1.0 mm	60 kg/m3	99 mm
PHEN20I0067SH	402361	20 mm	67 mm			1.0 mm	60 kg/m3	99 mm
PHEN25I0067SH	402362	25 mm	67 mm			1.0 mm	60 kg/m3	99 mm
PHEN30I0067SH	402363	30 mm	67 mm			1.0 mm	60 kg/m3	99 mm
PHEN40I0067SH	402364	40 mm	67 mm			1.0 mm	60 kg/m3	99 mm
PHEN50I0067SH	402365	50 mm	67 mm			1.0 mm	60 kg/m3	99 mm
Outer Diameter: 76.0 mm								
PHEN15I0076SH	402370	15 mm	76 mm	2 1/2"	65	1.0 mm	80 kg/m3	99 mm
PHEN20I0076SH	402371	20 mm	76 mm	2 1/2"	65	1.0 mm	80 kg/m3	99 mm
PHEN25I0076SH	402372	25 mm	76 mm	2 1/2"	65	1.0 mm	80 kg/m3	99 mm
PHEN30I0076SH	402373	30 mm	76 mm	2 1/2"	65	1.0 mm	80 kg/m3	99 mm
PHEN40I0076SH	402374	40 mm	76 mm	2 1/2"	65	1.0 mm	80 kg/m3	99 mm
PHEN50I0076SH	402375	50 mm	76 mm	2 1/2"	65	1.0 mm	80 kg/m3	99 mm
Outer Diameter: 89.0 mm								
PHEN15I0089SH	402380	15 mm	89 mm	3"	80	1.0 mm	80 kg/m3	99 mm
PHEN20I0089SH	402381	20 mm	89 mm	3"	80	1.0 mm	80 kg/m3	99 mm
PHEN25I0089SH	402382	25 mm	89 mm	3"	80	1.0 mm	80 kg/m3	99 mm
PHEN30I0089SH	402383	30 mm	89 mm	3"	80	1.0 mm	80 kg/m3	99 mm
PHEN40I0089SH	402384	40 mm	89 mm	3"	80	1.0 mm	80 kg/m3	99 mm
PHEN50I0089SH	402385	50 mm	89 mm	3"	80	1.0 mm	80 kg/m3	99 mm

MACRO V DUCT CLAMP WITH TWO-POINT FIXING

FEATURES

- Achieved noise reduction up to 16 dB(A) in controlled testing
- Compliant for sound insulation design according to DIN 4109



Material: EPDM-SBR Rubber, Steel

Finish: Electrogalvanized

Temperature: -50 to 110 °C

Part Number	Article Number	Outer Diameter	Hole Size	Width	Thickness
MVIT0080EG	582029	80 mm	11 mm	25 mm	2.5 mm
MVIT0090EG	582030	90 mm	11 mm	25 mm	2.5 mm
MVIT0100EG	582031	100 mm	11 mm	25 mm	2.5 mm
MVIT0112EG	582032	112 mm	11 mm	25 mm	2.5 mm
MVIT0125EG	582033	125 mm	11 mm	25 mm	2.5 mm
MVIT0140EG	582034	140 mm	11 mm	25 mm	2.5 mm
MVIT0150EG	582035	150 mm	11 mm	25 mm	2.5 mm
MVIT0160EG	582036	160 mm	11 mm	25 mm	2.5 mm
MVIT0180EG	582037	180 mm	11 mm	25 mm	2.5 mm
MVIT0200EG	582038	200 mm	11 mm	25 mm	2.5 mm
MVIT0224EG	582039	224 mm	11 mm	25 mm	2.5 mm
MVIT0250EG	582040	250 mm	11 mm	25 mm	2.5 mm
MVIT0280EG	582041	280 mm	11 mm	25 mm	2.5 mm
MVIT0300EG	582042	300 mm	11 mm	25 mm	2.5 mm
MVIT0315EG	582043	315 mm	11 mm	25 mm	2.5 mm
MVIT0355EG	582044	355 mm	11 mm	25 mm	2.5 mm
MVIT0400EG	582045	400 mm	11 mm	25 mm	2.5 mm
MVIT0450EG	582050	450 mm	11 mm	25 mm	2.5 mm
MVIT0500EG	582055	500 mm	11 mm	25 mm	2.5 mm
MVIT0550EG	582060	550 mm	11 mm	25 mm	2.5 mm
MVIT0560EG	582065	560 mm	11 mm	25 mm	2.5 mm
MVIT0600EG	582070	600 mm	11 mm	25 mm	2.5 mm
MVIT0630EG	582075	630 mm	11 mm	25 mm	2.5 mm
MVIT0710EG	582080	710 mm	11 mm	25 mm	2.5 mm
MVIT0800EG	582085	800 mm	11 mm	25 mm	2.5 mm
MVIT0900EG	582090	900 mm	11 mm	25 mm	2.5 mm
MVIT1000EG	582095	1,000 mm	11 mm	25 mm	2.5 mm
MVIT1120EG	582100	1,120 mm	11 mm	25 mm	2.5 mm
MVIT1250EG	582105	1,250 mm	11 mm	25 mm	2.5 mm

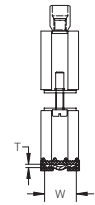
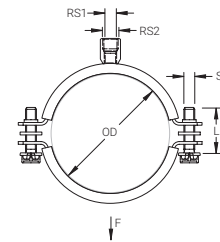
Mechanical

VENTILATION

MACRO V DUCT CLAMP

FEATURES

- Quick locking system for outer diameters up to 400 mm
- Achieved noise reduction up to 16 dB(A) in controlled testing
- Compliant for sound insulation design according to DIN 4109



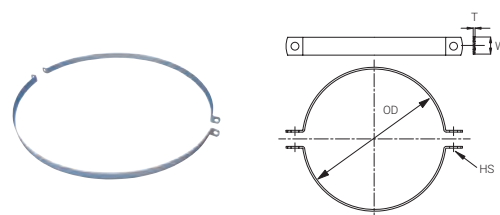
Material: EPDM-SBR Rubber, Steel
 Finish: Electrogalvanized
 Temperature: -50 to 110 °C

Part Number	Article Number	Outer Diameter	Rod Size 1	Rod Size 2	Width	Thickness	Screw Diameter	Screw Length	Static Load
MVI0080EG	582340	80 mm	M8	M10	23 mm	1.5 mm	M6	30 mm	750 N
MVI0090EG	582350	90 mm	M8	M10	23 mm	1.5 mm	M6	30 mm	750 N
MVI0100EG	582360	100 mm	M8	M10	23 mm	1.5 mm	M6	30 mm	750 N
MVI0112EG	582280	112 mm	M8	M10	23 mm	1.5 mm	M6	30 mm	750 N
MVI0125EG	582390	125 mm	M8	M10	23 mm	1.5 mm	M6	30 mm	750 N
MVI0140EG	582410	140 mm	M8	M10	23 mm	1.5 mm	M6	40 mm	750 N
MVI0150EG	582420	150 mm	M8	M10	23 mm	1.5 mm	M6	40 mm	750 N
MVI0160EG	582430	160 mm	M8	M10	23 mm	1.5 mm	M6	40 mm	750 N
MVI0180EG	582440	180 mm	M8	M10	23 mm	1.5 mm	M6	40 mm	750 N
MVI0200EG	582450	200 mm	M8	M10	23 mm	1.5 mm	M6	40 mm	750 N
MVI0224EG	582470	224 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVI0250EG	582480	250 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVI0280EG	582490	280 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVI0300EG	582500	300 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVI0315EG	582510	315 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVI0355EG	582530	355 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVI0400EG	582540	400 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVI0450EG	582550	450 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVI0500EG	582560	500 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVI0560EG	582580	560 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVI0600EG	582590	600 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVI0630EG	582600	630 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVI0710EG	582810	710 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVI0800EG	582820	800 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVI0900EG	582830	900 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVI1000EG	582840	1,000 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVI1120EG	582000	1,120 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVI1250EG	582005	1,250 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N

Mechanical

VENTILATION

MACRO V NI DUCT CLAMP WITH TWO-POINT FIXING



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Outer Diameter	Hole Size	Width	Thickness
MVNT0080EG	582449	80 mm	11 mm	25 mm	2.5 mm
MVNT0090EG	582451	90 mm	11 mm	25 mm	2.5 mm
MVNT0100EG	582452	100 mm	11 mm	25 mm	2.5 mm
MVNT0112EG	582453	112 mm	11 mm	25 mm	2.5 mm
MVNT0125EG	582454	125 mm	11 mm	25 mm	2.5 mm
MVNT0140EG	582455	140 mm	11 mm	25 mm	2.5 mm
MVNT0150EG	582456	150 mm	11 mm	25 mm	2.5 mm
MVNT0160EG	582457	160 mm	11 mm	25 mm	2.5 mm
MVNT0180EG	582458	180 mm	11 mm	25 mm	2.5 mm
MVNT0200EG	582459	200 mm	11 mm	25 mm	2.5 mm
MVNT0224EG	582461	224 mm	11 mm	25 mm	2.5 mm
MVNT0250EG	582465	250 mm	11 mm	25 mm	2.5 mm
MVNT0280EG	582501	280 mm	11 mm	25 mm	2.5 mm
MVNT0300EG	582505	300 mm	11 mm	25 mm	2.5 mm
MVNT0315EG	582515	315 mm	11 mm	25 mm	2.5 mm
MVNT0355EG	582516	355 mm	11 mm	25 mm	2.5 mm
MVNT0400EG	582545	400 mm	11 mm	25 mm	2.5 mm
MVNT0450EG	582110	450 mm	11 mm	25 mm	2.5 mm
MVNT0500EG	582115	500 mm	11 mm	25 mm	2.5 mm
MVNT0550EG	582120	550 mm	11 mm	25 mm	2.5 mm
MVNT0560EG	582125	560 mm	11 mm	25 mm	2.5 mm
MVNT0600EG	582130	600 mm	11 mm	25 mm	2.5 mm
MVNT0630EG	582135	630 mm	11 mm	25 mm	2.5 mm
MVNT0710EG	582140	710 mm	11 mm	25 mm	2.5 mm
MVNT0800EG	582145	800 mm	11 mm	25 mm	2.5 mm
MVNT0900EG	582155	900 mm	11 mm	25 mm	2.5 mm
MVNT1000EG	582165	1,000 mm	11 mm	25 mm	2.5 mm
MVNT1120EG	582175	1,120 mm	11 mm	25 mm	2.5 mm
MVNT1250EG	582185	1,250 mm	11 mm	25 mm	2.5 mm

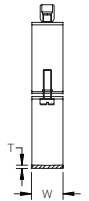
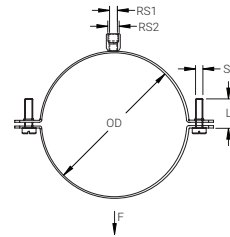
Mechanical

VENTILATION

MACRO V NI DUCT CLAMP

FEATURES

- Quick locking system for outer diameters up to 400 mm



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Outer Diameter	Rod Size 1	Rod Size 2	Width	Thickness	Screw Diameter	Screw Length	Static Load
MVN0080EG	594070	80 mm	M8	M10	23 mm	1.5 mm	M6	30 mm	750 N
MVN0090EG	594080	90 mm	M8	M10	23 mm	1.5 mm	M6	30 mm	750 N
MVN0100EG	594090	100 mm	M8	M10	23 mm	1.5 mm	M6	30 mm	750 N
MVN0112EG	594110	112 mm	M8	M10	23 mm	1.5 mm	M6	30 mm	750 N
MVN0125EG	594140	125 mm	M8	M10	23 mm	1.5 mm	M6	30 mm	750 N
MVN0140EG	594160	140 mm	M8	M10	23 mm	1.5 mm	M6	40 mm	750 N
MVN0150EG	594170	150 mm	M8	M10	23 mm	1.5 mm	M6	40 mm	750 N
MVN0160EG	594180	160 mm	M8	M10	23 mm	1.5 mm	M6	40 mm	750 N
MVN0180EG	594190	180 mm	M8	M10	23 mm	1.5 mm	M6	40 mm	750 N
MVN0200EG	594200	200 mm	M8	M10	23 mm	1.5 mm	M6	40 mm	750 N
MVN0224EG	594220	224 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVN0250EG	594230	250 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVN0280EG	594240	280 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVN0300EG	594250	300 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVN0315EG	594260	315 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVN0355EG	594280	355 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVN0400EG	594290	400 mm	M8	M10	23 mm	2.0 mm	M6	40 mm	750 N
MVN0450EG	594300	450 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVN0500EG	594310	500 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVN0560EG	594330	560 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVN0600EG	594340	600 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVN0630EG	594350	630 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVN0710EG	594360	710 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVN0800EG	594370	800 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVN0900EG	594380	900 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVN1000EG	594390	1,000 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVN1120EG	582010	1,120 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N
MVN1250EG	582015	1,250 mm	M8	M10	25 mm	2.5 mm	M8	30 mm	750 N

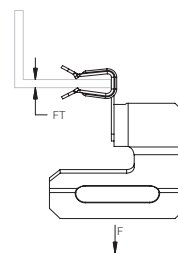
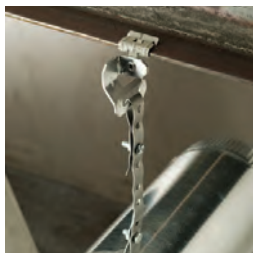
Mechanical

VENTILATION

H-MSR 90° STRAP HANGER WITH FLANGE CLIP

FEATURES

- Supports pipe or duct from flange with banding or strapping
- Pre-measure length of strap, hammer clip on to flange, then trapeze pipe or duct



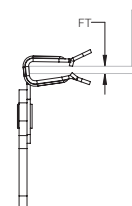
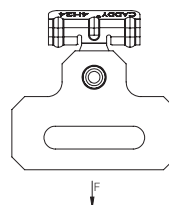
Material: Steel, Spring Steel
Finish: Armour, Pregalvanized

Part Number	Article Number	Flange Thickness	Strap Width	Static Load
MSR24	171810	3 – 8 mm	32 mm Max	900 N
MSR4	175540	2 – 3 mm	32 mm Max	700 N
MSR58	175550	8 – 14 mm	32 mm Max	900 N
MSR912	172020	14 – 20 mm	32 mm Max	900 N

H-MSS INLINE STRAP HANGER WITH FLANGE CLIP

FEATURES

- Supports pipe or duct from flange with banding or strapping



Material: Steel, Spring Steel
Finish: Armour, Pregalvanized

Part Number	Article Number	Flange Thickness	Strap Width	Static Load
MSS24	172030	3 – 8 mm	32 mm Max	900 N
MSS4	175480	2 – 3 mm	32 mm Max	700 N
MSS58	171760	8 – 14 mm	32 mm Max	900 N
MSS912	171770	14 – 20 mm	32 mm Max	900 N

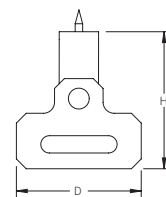
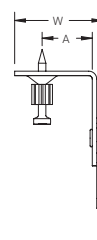
Mechanical

VENTILATION

STRAP HANGER WITH SHOT-FIRE BRACKET

FEATURES

- Supports pipe or duct with banding or strapping
- Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
- Quickly and easily attaches to concrete, steel or composite metal decking
- Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
- ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc



Material: Steel, Spring Steel

Finish: Armour, Pregalvanized

Part Number	Article Number	Strap Width	Depth	Height	Width	A	Static Load
MSSSF	171631	32 mm Max	57.2 mm	63.5 mm	40.7 mm	22.2 mm	440 N

Uses Powers Fasteners, Inc. part number 50032. Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 Mpa) lightweight concrete. For variations in embedment and material please consult www.powers.com. Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P200, P45, P60; Ramset® T3SS, TS750P, TS60P; Hilti® DX36M, DX350, DX351, DXA40; Würth Diva-1, BST-1, BST-2 or equivalent nailers. For shot-fired supports in seismic design category D, E, or F, maximum load is the lesser of 90 lb (400 N) or the published load.

ABP PERFORATED STRAP WITH ROUNDED EDGE, STANDARD DUTY

FEATURES

- Steel perforated mounting strap
- Enclosed in plastic case



Part Number	Article Number	Width	Length	Thickness	Hole Size	Static Load
Material: Stainless Steel 304 (EN 1.4301)						
ABP12S4	584020	12 mm	10 m	0.8 mm	5 mm	700 N
ABP17S4	584030	17 mm	10 m	0.8 mm	7 mm	1,000 N
ABP26S4	584040	26 mm	10 m	1.0 mm	8 mm	2,200 N
Material: Steel — Finish: Pregalvanized						
ABP12PG	583920	12 mm	10 m	0.8 mm	5 mm	560 N
ABP17PG	583930	17 mm	10 m	0.8 mm	7 mm	800 N
ABP26PG	583940	26 mm	10 m	1.0 mm	8 mm	1,800 N
Material: Steel, Polyethylene						
ABP12PE	584160	12 mm	10 m	0.8 mm	5 mm	560 N
ABP17PE	584170	17 mm	10 m	0.8 mm	7 mm	800 N

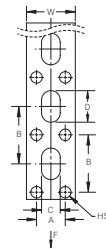
Mechanical

VENTILATION

BP PERFORATED STRAP WITH STRAIGHT EDGE, LIGHT DUTY

FEATURES

- Strapping to support cable or conduit runs



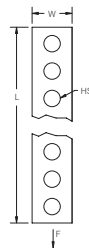
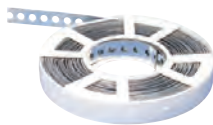
Material: Steel
Finish: Pregalvanized

Part Number	Article Number	Width	Thickness	Hole Size	A	B	C	D	Static Load
BP17PG	591350	17 mm	0.6 mm	3 mm	10 mm	20 mm	6.5 mm	11 mm	500 N
BP25PG	591360	25 mm	0.8 mm	4 mm	15 mm	33 mm	8.5 mm	21 mm	750 N

SBP PERFORATED STRAP WITH STRAIGHT EDGE, STANDARD DUTY

FEATURES

- Enclosed in plastic case



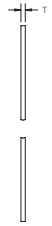
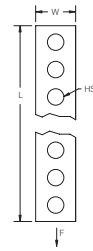
Material: Steel
Finish: Pregalvanized

Part Number	Article Number	Width	Length	Thickness	Hole Size	Static Load
SBP17	400429	17 mm	10 m	1 mm	6.5 mm	800 N
SPB25	401131	25 mm	10 m	1 mm	8.5 mm	1,000 N

Mechanical

VENTILATION

SBP-C PERFORATED STRAP WITH STRAIGHT EDGE, PLASTIC COATED



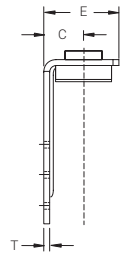
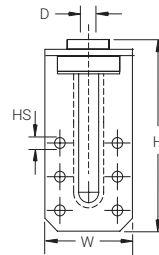
Material: Polyvinylchloride, Steel
Finish: Pregalvanized

Part Number	Article Number	Width	Length	Thickness	Hole Size	Static Load
SBPC19	400430	19 mm	10 m	3 mm	6.5 mm	750 N
SPBC27	401132	27 mm	10 m	3 mm	8.5 mm	1,000 N

EQLS SQUARE DUCT FIXING WITH SOUND REDUCER, L-SHAPE

FEATURES

- Includes hole for pop-rivet connection



Material: Steel, EPDM-SBR Rubber
Finish: Electrogalvanized

Part Number	Article Number	Height	Hole Size	Width	Thickness	C	D	E
EQLS130	597792	130 mm	4.2 mm	35 mm	2 mm	24 mm	8.4 mm	40 mm
EQLS50	597791	50 mm	4.2 mm	35 mm	2 mm	24 mm	8.4 mm	40 mm
EQLS85	597780	85 mm	4.2 mm	35 mm	2 mm	24 mm	8.4 mm	40 mm

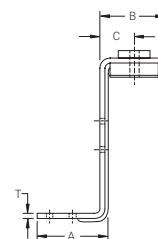
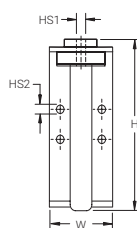
Mechanical

VENTILATION

EQZS SQUARE DUCT FIXING WITH SOUND REDUCER, Z-SHAPE

FEATURES

- Includes hole for pop-rivet connection



Material: Steel, EPDM-SBR Rubber

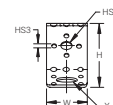
Finish: Electrogalvanized

Part Number	Article Number	Hole Size 1	Hole Size 2	Height	Width	Thickness	A	B	C
EQZS	597790	8.4 mm	4.2 mm	60 mm	35 mm	2 mm	32 mm	37 mm	20 mm

EQV ROUND DUCT FIXING, V-SHAPE

FEATURES

- Includes holes for pop-rivet connection



Material: Steel

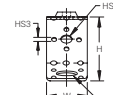
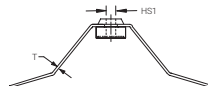
Finish: Electrogalvanized

Part Number	Article Number	Hole Size 1	Hole Size 2	Hole Size 3	Height	Width	Thickness	X
EQV	597590	14 mm	8.5 mm	4.2 mm	60 mm	40 mm	2 mm	8.5 x 20 mm

EQVS ROUND DUCT FIXING WITH SOUND REDUCER, V-SHAPE

FEATURES

- Includes holes for pop-rivet connection



Material: Steel, EPDM-SBR Rubber

Finish: Electrogalvanized

Part Number	Article Number	Hole Size 1	Hole Size 2	Hole Size 3	Height	Width	Thickness	X
EQVS	597770	8.5 mm	8.5 mm	4.2 mm	60 mm	40 mm	2 mm	8.5 x 20 mm

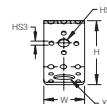
Mechanical

VENTILATION

TBH BENDABLE ROUND DUCT FIXING, V-SHAPE

FEATURES

- Includes holes for pop-rivet connection



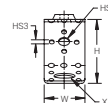
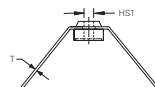
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Hole Size 1	Hole Size 2	Hole Size 3	Height	Width	Thickness	X
TBH	597580	14 mm	8.5 mm	4.2 mm	95 mm	40 mm	2 mm	8.5 x 20 mm

TBHS BENDABLE ROUND DUCT FIXING WITH SOUND REDUCER, V-SHAPE

FEATURES

- Includes holes for pop-rivet connection



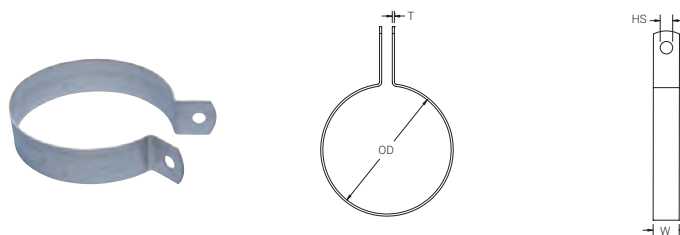
Material: Steel, EPDM-SBR Rubber
Finish: Electrogalvanized

Part Number	Article Number	Hole Size 1	Hole Size 2	Hole Size 3	Height	Width	Thickness	X
TBHS	597575	8.4 mm	8.5 mm	4.2 mm	95 mm	40 mm	2 mm	8.5 x 20 mm

Mechanical

VENTILATION

SPIRO STRAP CLAMP FOR VENTILATION



Material: Steel

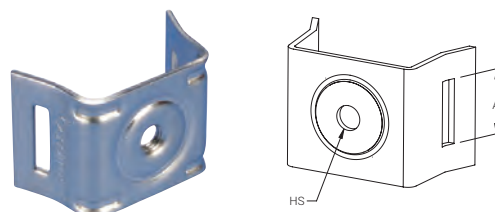
Finish: Pregalvanized

Part Number	Article Number	Outer Diameter	Hole Size	Width	Thickness
SPIRO080	578750	80 mm	9 mm	30 mm	1.25 mm
SPIRO100	578755	100 mm	9 mm	30 mm	1.25 mm
SPIRO125	578760	125 mm	9 mm	30 mm	1.25 mm
SPIRO160	578765	160 mm	9 mm	30 mm	1.50 mm
SPIRO200	578770	200 mm	9 mm	30 mm	1.50 mm
SPIRO250	578775	250 mm	9 mm	30 mm	1.50 mm
SPIRO315	578780	315 mm	9 mm	30 mm	1.50 mm
SPIRO400	578785	400 mm	9 mm	30 mm	2.00 mm
SPIRO500	578790	500 mm	9 mm	30 mm	2.00 mm

SIGN SUPPORT BRACKET FOR ROUND POLE, ONE HOLE

FEATURES

- Flared leg design provides a secure fit, locking each leg in place
- Attachment support for Fixoband
- Stainless steel washers and bolts included



Material:

Stainless Steel 302 (EN 1.4324)

Part Number	Article Number	Hole Size	Hole Type	A
FXB20S2	350100	M8	Threaded	20 mm

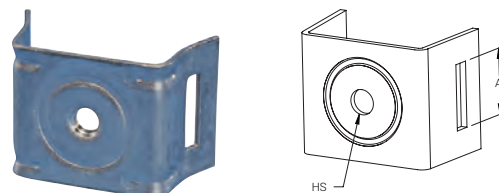
Mechanical

SIGN AND NAME PLATE SYSTEMS

SIGN SUPPORT BRACKET FOR FLAT SURFACE, ONE HOLE

FEATURES

- Straight leg design, should be used when mounting on a flat surface
- Attachment support for Fixoband
- Stainless steel washers and bolts included



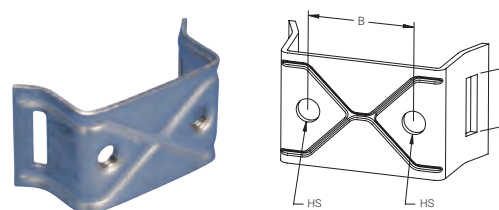
Material: Stainless Steel 302
(EN 1.4324)

Part Number	Article Number	Hole Size	Hole Type	A
FXB21S2	350110	M8	Threaded	20 mm

SIGN SUPPORT BRACKET FOR ROUND POLE, TWO HOLE

FEATURES

- Flared leg design provides a secure fit, locking each leg in place
- Attachment support for Fixoband
- Stainless steel washers and bolts included



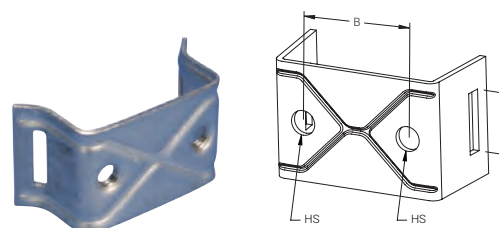
Material: Stainless Steel 302
(EN 1.4324)

Part Number	Article Number	Hole Size	Hole Type	A	B
FXB22S2	350120	M8	Threaded	20 mm	38 mm

SIGN SUPPORT BRACKET FOR FLAT SURFACE, TWO HOLE

FEATURES

- Straight leg design, should be used when mounting on a flat surface
- Attachment support for Fixoband
- Stainless steel washers and bolts included



Material: Stainless Steel 302
(EN 1.4324)

Part Number	Article Number	Hole Size	Hole Type	A	B
FXB23S2	350130	M8	Threaded	20 mm	38 mm

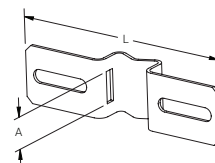
Mechanical

SIGN AND NAME PLATE SYSTEMS

SIGN SUPPORT BRACKET WITH SLOTTED HOLES

FEATURES

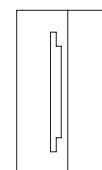
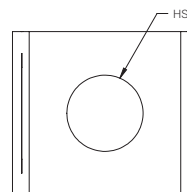
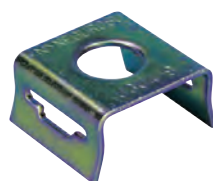
- Attachment support for Fixoband



Material: Stainless Steel 302 (EN 1.4324)

Part Number	Article Number	Length	A
FXB24S2	350140	140 mm	20 mm
FXB25S2	350150	90 mm	20 mm

UNICBAND SIGN SUPPORT BRACKET



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Strap Width	Hole Size
U3U409EG	188460	20 mm Max	14 mm

HEAVY DUTY STRAP BUCKLE

FEATURES

- Clip to secure Fixoband strapping
- For strapped looped in single or double layer



Material: Stainless Steel 302
(EN 1.4324)

Part Number	Article Number	Strap Width
FXBB10S2	591250	10.0 mm
FXBB12S2	591260	12.7 mm
FXBB16S2	591270	16.0 mm
FXBB20S2	591280	20.0 mm

Mechanical

SIGN AND NAME PLATE SYSTEMS

STANDARD DUTY STRAP BUCKLE

FEATURES

- L Clip to secure Fixoband strapping



Material: Stainless Steel 302
(EN 1.4324)

Part Number	Article Number	Strap Width
FXBC10S2	591070	10 mm
FXBC20S2	591080	20 mm

STRAP TENSIONING TOOL

FEATURES

- Banding tensioning tool
- Stainless steel banding, stainless steel serrated buckle and stainless buckle sold separately



Material: Stainless Steel 304
(EN 1.4301)

Part Number	Article Number
FXBTOOL	591290

METAL STRAP

FEATURES

- Provides variable fastening on poles, masts and pipes



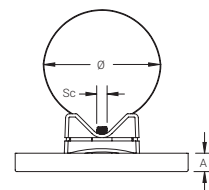
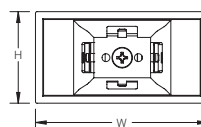
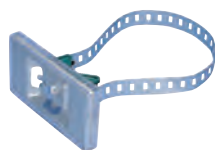
Material: Stainless Steel 302
(EN 1.4324)

Part Number	Article Number	Strap Width	Thickness
FXBF10X50MS2	591200	10.0 mm	0.7 mm
FXBF12X50MS2	591210	12.7 mm	0.7 mm
FXBF16X50MS2	591220	16.0 mm	0.7 mm
FXBF20X50MS2	591230	20.0 mm	0.7 mm

Mechanical

SIGN AND NAME PLATE SYSTEMS

ESS UHS SIGN HOLDER SYSTEM WITH STRAP



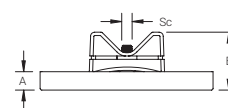
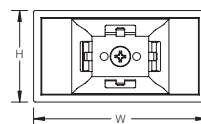
Material: Steel, Polycarbonate
Finish: Pregalvanized

Part Number	Article Number	Screw Diameter	Diameter	Height	Width	A
ESSUHS	599500	M8	76 mm Max	55 mm	105 mm	11 mm

ESS UH SIGN HOLDER SYSTEM WITHOUT STRAP

FEATURES

- Attached clip accepts ESS ST Strap for fixing to pipe



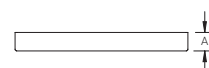
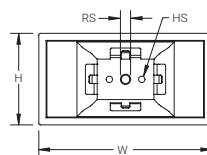
Material: Steel, Polycarbonate
Finish: Pregalvanized

Part Number	Article Number	Screw Diameter	Height	Width	A	B
ESSUH	599501	M8	55 mm	105 mm	11 mm	36 mm

ESS SH SIGN HOLDER SYSTEM WITH NUT

FEATURES

- Includes welded nut and screw holes for fastening



Material: Steel, Polycarbonate
Finish: Pregalvanized

Part Number	Article Number	Rod Size	Hole Size	Height	Width	A
ESSSH	599503	M8	4.5 mm	55 mm	105 mm	11 mm

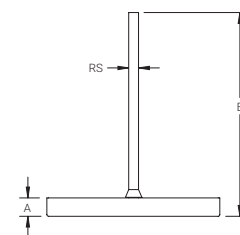
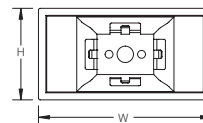
Mechanical

SIGN AND NAME PLATE SYSTEMS

ESS WH SIGN HOLDER SYSTEM WITH WELDING SUPPORT

FEATURES

- Includes steel pin for welding onto steel pipework



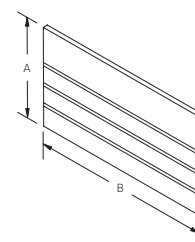
Material: Steel, Polycarbonate
Finish: Pregalvanized

Part Number	Article Number	Rod Size	Height	Width	A	B
ESSWH	599502	6 mm	55 mm	105 mm	11 mm	100 mm

ESS GP GROOVED PLATE

FEATURES

- Plate with grooves
- Use ESS MS nameplates to slide in



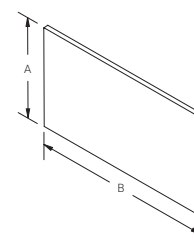
Material: Polyvinylchloride

Part Number	Article Number	A	B
ESSGP	599507	50 mm	100 mm

ESS SP SMOOTH PLATE

FEATURES

- Plain nameplate



Material: Polyvinylchloride

Part Number	Article Number	A	B
ESSSP	599506	50 mm	100 mm

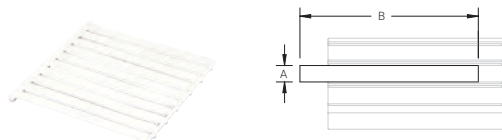
Mechanical

SIGN AND NAME PLATE SYSTEMS

ESS MS PLASTIC TEXT LABELS

FEATURES

- Name plate strips to slide in to ESS GP grooved plate



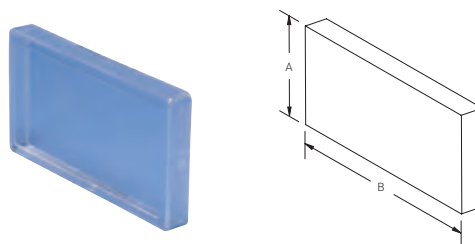
Material: Polyvinylchloride

Part Number	Article Number	A	B
ESSMS	599508	9 mm	95 mm

ESS PC PLASTIC COVER

FEATURES

- Clear plastic cover for name plate holder



Material: Polyvinylchloride

Part Number	Article Number	A	B
ESSPC	599505	55 mm	105 mm

ESS ST STRAP

FEATURES

- Steel strap for use with ESS UH name plate holder



Material: Steel

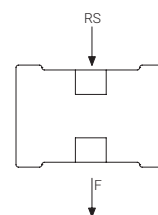
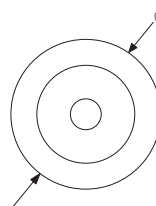
Finish: Pregalvanized

Part Number	Article Number	Length
ESSST	599504	5 m

Mechanical

SOUND AND VIBRATION INSULATORS

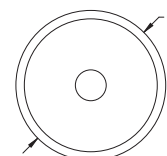
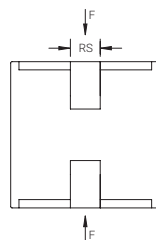
SBFF FEMALE-FEMALE SOUND INSULATOR



Material: Steel, EPDM-SBR Rubber
Finish: Electrogalvanized

Part Number	Article Number	Diameter	Rod Size	Static Load
ISOF06F06EG	588430	39 mm	M6	1,500 N
ISOF08F08EG	588440	39 mm	M8	1,500 N

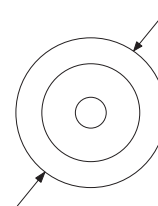
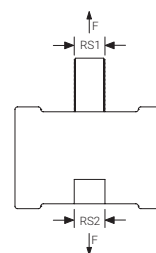
SBFK FEMALE-FEMALE COMPRESSION INSULATOR



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Diameter	Rod Size	Static Load
SBFKM8	588620	40 mm	M8	600 N

SBMF MALE-FEMALE SOUND INSULATOR



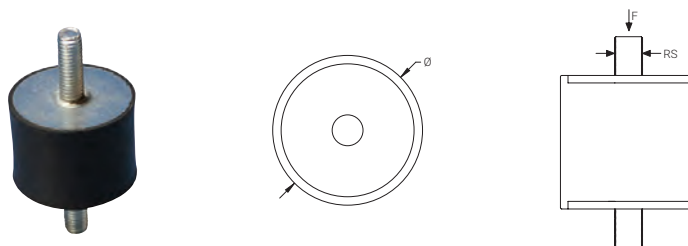
Material: Steel, EPDM-SBR Rubber
Finish: Electrogalvanized

Part Number	Article Number	Diameter	Rod Size 1	Rod Size 2	Static Load
ISOF08M08EG	588560	39 mm	M8	M8	1,500 N
ISOF10M08EG	588570	39 mm	M8	M10	1,500 N
ISOF10M10EG	588580	39 mm	M10	M10	1,500 N

Mechanical

SOUND AND VIBRATION INSULATORS

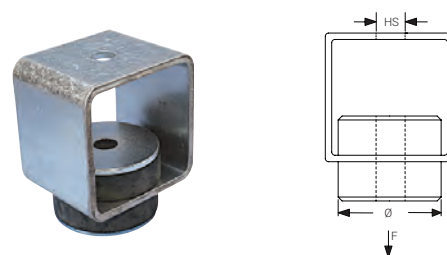
SBMK MALE-MALE COMPRESSION INSULATOR



Material: Steel, EPDM-SBR Rubber
Finish: Electrogalvanized

Part Number	Article Number	Diameter	Rod Size	Static Load
SBMKM10	588630	40 mm	M10	600 N
SBMKM8	588610	40 mm	M8	600 N

SGBC HEAVY DUTY SOUND INSULATOR



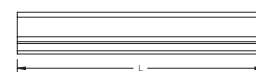
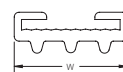
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Diameter	Hole Size	Static Load
ISOHD16EG	588500	80 mm	18.3 mm	7,000 N

IHT HIGH-TEMPERATURE SOUND INSULATION RUBBER

FEATURES

- Suitable for installation in pipe clamps or metal strap



Material: Silicon Rubber
Color: Red
Temperature: -40 to 220 °C

Part Number	Article Number	Width	Length
IHT20	578680	20 mm	30 m
IHT25	578690	25 mm	30 m
IHT30	578695	30 mm	30 m
IHT40	578700	40 mm	30 m

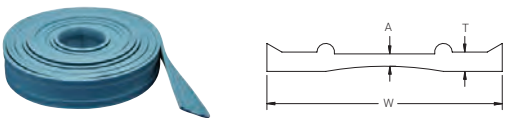
Mechanical

SOUND AND VIBRATION INSULATORS

SOUND INSULATION RUBBER FOR STRUT PIPE CLAMPS

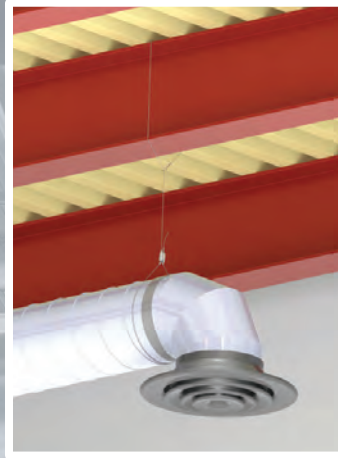
FEATURES

- For use in strut pipe clamps
- Suitable for high temperatures



Material: EPDM-SBR Rubber

Part Number	Article Number	Length	Width	Thickness	A	Temperature
VS200000	402268	6 m	42.7 mm	3.2 mm	2.2 mm	-45 to 145 °C



Bracing Systems



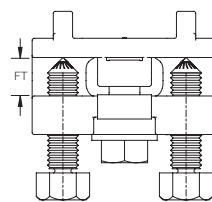
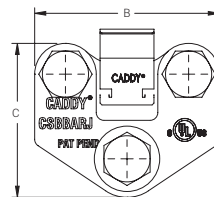
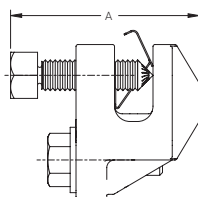
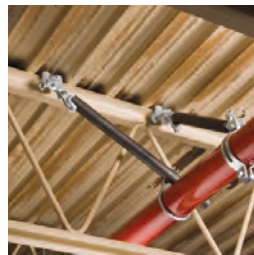
Bracing Systems

RIGID BRACING

BAR JOIST ATTACHMENT

FEATURES

- Can be installed on bar joists or I-beams
- Thumb spring retainer allows for ease of positioning
- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces
- No assembly required
- No loose parts
- Meets NFPA®-13 requirements for seismic sway bracing



Material: Steel



OSHPD



Part Number	Article Number	Finish	Flange Thickness	A	B	C
CSBBARJEG	404354	Electrogalvanized	6.4 – 12.7 mm	50.8 mm	76.2 mm	63.5 mm
CSBBARJHD	404481	Hot-Dip Galvanized	6.4 – 12.7 mm	50.8 mm	76.2 mm	63.5 mm

UL Loads		
Brace Direction to Structure	Service Pipe Size	Rating
Parallel	25 – 250 mm	13340 N
Perpendicular	25 – 300 mm	16630 N

FM Loads					
Horizontal Capacity per Installation Angle from Vertical					
Brace Direction	Service Pipe Size	30° – 44°	45° – 59°	60° – 74°	75° – 90°
Parallel	N/A	6270 N	9385 N	11300 N	12590 N
Perpendicular	N/A	7740 N	7605 N	9165 N	10230 N

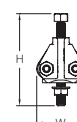
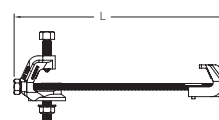
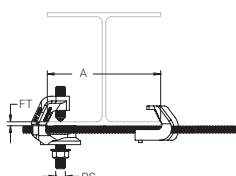
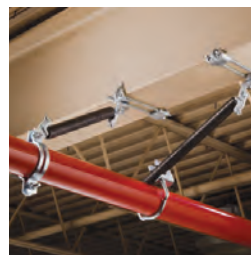
Bracing Systems

RIGID BRACING

ADJUSTABLE I-BEAM ATTACHMENT

FEATURES

- No loose parts
- No assembly required
- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces
- Meets NFPA®-13 requirements for seismic sway bracing



Material: Steel



Part Number	Article Number	Flange Thickness	Rod Size	A	Height	Length	Width
Finish: Electrogalvanized							
CSBIB075085EG	404365	6.4 – 19.1 mm	1/2"	100 – 216 mm	63.5 mm	304.8 mm	69.9 mm
CSBIB075145EG	404366	6.4 – 19.1 mm	1/2"	216 – 368 mm	63.5 mm	431.8 mm	69.9 mm
CSBIB125180EG	404367	19.1 – 31.8 mm	1/2"	100 – 457 mm	88.9 mm	546.1 mm	79.4 mm
Finish: Hot-Dip Galvanized							
CSBIB075085HD	404482	6.4 – 19.1 mm	1/2"	100 – 216 mm	63.5 mm	304.8 mm	69.9 mm
CSBIB075145HD	404483	6.4 – 19.1 mm	1/2"	216 – 368 mm	63.5 mm	431.8 mm	69.9 mm
CSBIB125180HD	404484	19.1 – 31.8 mm	1/2"	100 – 457 mm	88.9 mm	546.1 mm	79.4 mm

UL Loads		
Brace Direction to Structure	Service Pipe Size	Rating
Parallel	25 – 300 mm	13340 N
Perpendicular	25 – 300 mm	16630 N

FM Loads					
Horizontal Capacity per Installation Angle from Vertical					
Brace Direction	Service Pipe Size	30° – 44°	45° – 59°	60° – 74°	75° – 90°
Parallel	N/A	7,205 N	7,605 N	4,495 N	4,940 N
Perpendicular	N/A	7,205 N	10,230 N	12,545 N	13,965 N

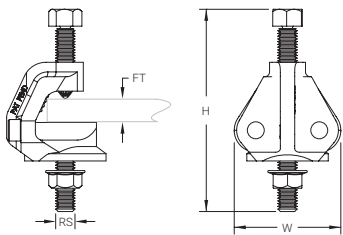
Bracing Systems

RIGID BRACING

I-BEAM ATTACHMENT

FEATURES

- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces
- Meets NFPA®-13 requirements for seismic sway bracing



Material: Steel
Finish: Electrogalvanized



Part Number	Article Number	Flange Thickness	Rod Size	Height	Width
CSBBC075EG	404350	6.4 – 19.1 mm	1/2"	63.5 mm	69.9 mm

UL Loads		
Brace Direction to Structure	Service Pipe Size	Rating
Parallel	1" - 4"	5,340 N
Perpendicular	1" - 8"	8,960 N

FM Loads					
Brace Direction	Service Pipe Size	Horizontal Capacity per Installation Angle from Vertical			
		30° - 44°	45° - 59°	60° - 74°	75° - 90°
Parallel	N/A	5,290 N	7,470 N	5,160 N	5,690 N
Perpendicular	N/A	7,210 N	7,610 N	4,490 N	4,940 N

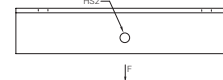
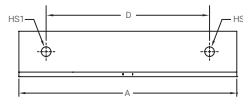
Bracing Systems

RIGID BRACING

MULTI ATTACHMENT

FEATURES

- Disperses load over two anchors
- Minimizes the number of installed braces needed for concrete and wood structures
- Ideal for deck installations
- Use for both lateral and longitudinal sway brace applications
- Meets NFPA®-13 requirements for seismic sway bracing



Material: Steel
Finish: Electrogalvanized



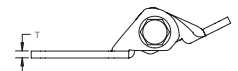
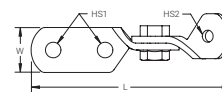
Part Number	Article Number	Hole Size 1	Hole Size 2	A	B	C	D	UL Listed Load
CSBMA050050EG	404371	14 mm	14 mm	304.8 mm	63.5 mm	63.5 mm	228.6 mm	16,636 N
CSBMA050075EG	404372	20 mm	14 mm	304.8 mm	63.5 mm	63.5 mm	228.6 mm	16,636 N

Mount to structure using holes indicated in HS1.

STRUT SEISMIC HINGE

FEATURES

- Complete hinge assembly
- Ideal for attaching sway bracing to MEP system supports
- Attaches to strut trapezes and to structure



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Hole Size 1	Hole Size 2	Length	Width	Thickness
CSBSH00375EG	404463	14 mm	11 mm	179.8 mm	41.3 mm	6.4 mm
CSBSH00500EG	404464	14 mm	14 mm	179.8 mm	41.3 mm	6.4 mm
CSBSH00625EG	404465	14 mm	17 mm	179.8 mm	41.3 mm	6.4 mm
CSBSH00750EG	404466	14 mm	21 mm	179.8 mm	41.3 mm	6.4 mm

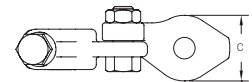
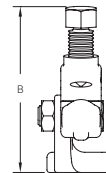
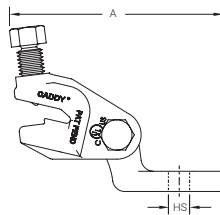
Bracing Systems

RIGID BRACING

UNIVERSAL STRUCTURAL ATTACHMENT

FEATURES

- Universal design allows one product to attach directly to concrete, wood, bar joist or I-beam adapters
- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces
- Use for both lateral and longitudinal sway brace applications
- Works with 1" through 2" brace pipes and 1/4" angle iron braces to reduce inventory
- Center bolt does not require tightening
- Meets NFPA®-13 requirements for seismic sway bracing



Material: Steel



Part Number	Article Number	Finish	Hole Size	A	B	C
CSBUNIV050EG	404407	Electrogalvanized	14 mm	133.4 mm	101.6 mm	41.4 mm
CSBUNIV050HD	404496	Hot-Dip Galvanized	14 mm	133.4 mm	101.6 mm	41.4 mm
CSBUNIV075EG	404409	Electrogalvanized	21 mm	133.4 mm	101.6 mm	41.4 mm

UL Loads		
Brace Type	Service Pipe Size	Rating
Pipe	25 mm – 250 mm	13,340 N
6mm Thick Angle	25 mm – 200 mm	8,960 N

FM Loads					
Brace Type	Service Pipe Size	Horizontal Capacity per Installation Angle from Vertical			
		30° – 44°	45° – 59°	60° – 74°	75° – 90°
Pipe	N/A	7,205 N	10,230 N	12,545 N	13,965 N

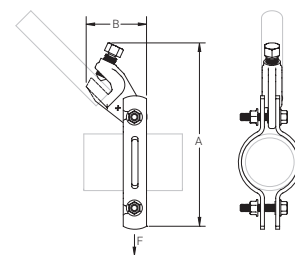
Bracing Systems

RIGID BRACING

EASY UNIVERSAL SWAY BRACE

FEATURES

- Use for both lateral and longitudinal sway brace applications
- Unique slotted holes provide for easy slip-on installation eliminating loose hardware
- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces
- Works with 1" through 2" brace pipes and 1/4" angle iron braces to reduce inventory
- Meets NFPA®-13 requirements for seismic sway bracing



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Pipe Size	NB/DN	A	B
CSBEZU0100EG	404356	1"	25	174.6 mm	25.4 mm
CSBEZU0125EG	404357	1 1/4"	32	187.4 mm	25.4 mm
CSBEZU0150EG	404358	1 1/2"	40	196.9 mm	25.4 mm
CSBEZU0200EG	404359	2"	50	206.4 mm	30.2 mm
CSBEZU0250EG	404360	2 1/2"	65	225.4 mm	30.2 mm
CSBEZU0300EG	404361	3"	80	238.1 mm	30.2 mm
CSBEZU0400EG	404362	4"	100	269.9 mm	38.1 mm
CSBEZU0500EG	404363	5"	125	308.0 mm	38.1 mm
CSBEZU0600EG	404364	6"	150	346.1 mm	50.8 mm

UL Loads (Listed for Restraints)			
Part Number	Dyna-Flow® Service Pipe	Sch 10 Service Pipe	Sch 40 Service Pipe
CSBEZU0100EG	N/A	2910 N	2910 N
CSBEZU0125EG	2910 N	2910 N	2910 N
CSBEZU0150EG	2910 N	2910 N	2910 N

UL Loads (Listed for Sway Braces)								
Part Number	Lateral				Longitudinal			
	Dyna-Flow® Service Pipe	EZ FLOW™ Service Pipe	Sch 10 Service Pipe	Sch 40 Service Pipe	Dyna-Flow® Service Pipe	Mega-Flow Service Pipe	Sch 10 Service Pipe	Sch 40 Service Pipe
CSBEZU0200EG	13340 N	N/A	13340 N	13340 N	N/A	N/A	N/A	N/A
CSBEZU0250EG	13340 N	N/A	13340 N	13340 N	5620 N	N/A	5620 N	5620 N
CSBEZU0300EG	13340 N	N/A	13340 N	13340 N	5620 N	N/A	5620 N	5620 N
CSBEZU0400EG	13340 N	13340 N	13340 N	13340 N	5620 N	N/A	5620 N	5620 N
CSBEZU0500EG	N/A	13340 N	13340 N	13340 N	N/A	7110 N	7110 N	7110 N
CSBEZU0600EG	N/A	13340 N	13340 N	13340 N	N/A	7110 N	7110 N	7110 N

FM Loads (Lightwall, Sch 10 and Sch 40 Service Pipes)								
Horizontal Capacity per Installation Angle from Vertical								
Part Number	Lateral				Longitudinal			
	30° - 44°	45° - 59°	60° - 74°	75° - 90°	30° - 44°	45° - 59°	60° - 74°	75° - 90°
CSBEZU0100EG	3825 N	5425 N	6670 N	7430 N	1735 N	2445 N	2980 N	3335 N
CSBEZU0125EG	3825 N	5425 N	6670 N	7430 N	1735 N	2445 N	2980 N	3335 N
CSBEZU0150EG	3825 N	5425 N	6670 N	7430 N	1735 N	2445 N	2980 N	3335 N
CSBEZU0200EG	6805 N	9610 N	11790 N	13165 N	2315 N	3070 N	3690 N	4136 N
CSBEZU0250EG	6805 N	9610 N	11790 N	13165 N	2315 N	3070 N	3690 N	4136 N
CSBEZU0300EG	6805 N	9610 N	11790 N	13165 N	2315 N	3070 N	3690 N	4136 N
CSBEZU0400EG	6985 N	9875 N	12100 N	13480 N	2800 N	4005 N	4895 N	5470 N
CSBEZU0500EG	6985 N	9875 N	12100 N	13480 N	2800 N	4005 N	4895 N	5470 N
CSBEZU0600EG	8805 N	12500 N	15300 N	17080 N	3245 N	4450 N	5470 N	6095 N

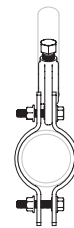
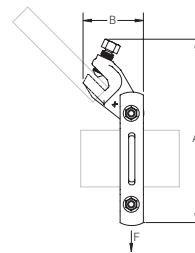
Bracing Systems

RIGID BRACING

STANDARD UNIVERSAL SWAY BRACE

FEATURES

- Use for both lateral and longitudinal sway brace applications
- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces
- Works with 1" through 2" brace pipes and 1/4" angle iron braces to reduce inventory
- Slotted design grabs service pipe for added gripping strength
- Meets NFPA®-13 requirements for seismic sway bracing



Material: Steel



Part Number	Article Number	Pipe Size	NB/DN	A	B
Finish: Electrogalvanized					
CSBSTU0100EG	404385	1"	25	174.6 mm	25.0 mm
CSBSTU0125EG	404386	1 1/4"	32	187.4 mm	25.4 mm
CSBSTU0150EG	404387	1 1/2"	40	196.9 mm	25.4 mm
CSBSTU0200EG	404388	2"	50	206.4 mm	30.2 mm
CSBSTU0250EG	404389	2 1/2"	65	225.4 mm	30.2 mm
CSBSTU0300EG	404390	3"	80	238.1 mm	30.2 mm
CSBSTU0400EG	404391	4"	100	269.9 mm	38.1 mm
CSBSTU0500EG	404392	5"	125	308.0 mm	38.1 mm
CSBSTU0600EG	404393	6"	150	346.1 mm	50.8 mm
CSBSTU0800EG	404394	8"	200	400.1 mm	50.8 mm
CSBSTU1000EG	404395	10"	250	457.2 mm	50.8 mm
Finish: Hot-Dip Galvanized					
CSBSTU0100HD	404485	1"	25	174.6 mm	25.0 mm
CSBSTU0125HD	404486	1 1/4"	32	187.4 mm	25.4 mm
CSBSTU0150HD	404487	1 1/2"	40	196.9 mm	25.4 mm
CSBSTU0200HD	404488	2"	50	206.4 mm	30.2 mm
CSBSTU0250HD	404489	2 1/2"	65	225.4 mm	30.2 mm
CSBSTU0300HD	404490	3"	80	238.1 mm	30.2 mm
CSBSTU0400HD	404491	4"	100	269.9 mm	38.1 mm
CSBSTU0500HD	404492	5"	125	308.0 mm	38.1 mm
CSBSTU0600HD	404493	6"	150	346.1 mm	50.8 mm
CSBSTU0800HD	404494	8"	200	400.1 mm	50.8 mm
CSBSTU1000HD	404495	10"	250	457.2 mm	50.8 mm

Bracing Systems

RIGID BRACING

UL Loads (Listed for Restraints)			
Part Number	Dyna-Flow® Service Pipe	Sch 10 Service Pipe	Sch 40 Service Pipe
CSBSTU0100xx	N/A	2910 N	2910 N
CSBSTU0125xx	2910 N	2910 N	2910 N
CSBSTU0150xx	2910 N	2910 N	2910 N

UL Loads (Listed for Sway Braces)								
Part Number	Lateral				Longitudinal			
	Dyna-Flow® Service Pipe	EZ FLOW™ Service Pipe	Sch 10 Service Pipe	Sch 40 Service Pipe	Dyna-Flow® Service Pipe	Mega-Flow Service Pipe	Sch 10 Service Pipe	Sch 40 Service Pipe
CSBSTU0200xx	13340 N	N/A	13340 N	13340 N	N/A	N/A	N/A	N/A
CSBSTU0250xx	13340 N	N/A	13340 N	13340 N	8960 N	N/A	8960 N	8960 N
CSBSTU0300xx	13340 N	N/A	13340 N	13340 N	8960 N	N/A	8960 N	8960 N
CSBSTU0400xx	13340 N	13340 N	13340 N	13340 N	8960 N	N/A	8960 N	8960 N
CSBSTU0500xx	N/A	13340 N	13340 N	13340 N	N/A	N/A	8960 N	8960 N
CSBSTU0600xx	N/A	13340 N	13340 N	13340 N	N/A	8960 N	8960 N	8960 N
CSBSTU0800xx	N/A	N/A	13340 N	13340 N	N/A	N/A	13340 N	13340 N
CSBSTU1000xx	N/A	N/A	13340 N	13340 N	N/A	N/A	13340 N	13340 N

FM Loads (Lightwall, Sch 10 and Sch 40 Service Pipes)								
Horizontal Capacity per Installation Angle from Vertical								
Part Number	Lateral				Longitudinal			
	30° - 44°	45° - 59°	60° - 74°	75° - 90°	30° - 44°	45° - 59°	60° - 74°	75° - 90°
CSBSTU0100xx	3825 N	5425 N	6670 N	7430 N	4315 N	3200 N	3825 N	4270 N
CSBSTU0125xx	3825 N	5425 N	6670 N	7430 N	4315 N	3200 N	3825 N	4270 N
CSBSTU0150xx	3825 N	5425 N	6670 N	7430 N	4315 N	3200 N	3825 N	4270 N
CSBSTU0200xx	6805 N	9610 N	11790 N	13165 N	3870 N	3070 N	3690 N	4136 N
CSBSTU0250xx	6805 N	9610 N	11790 N	13165 N	3870 N	3070 N	3690 N	4136 N
CSBSTU0300xx	6805 N	9610 N	11790 N	13165 N	3870 N	3070 N	3690 N	4136 N
CSBSTU0400xx	6985 N	9875 N	12100 N	13480 N	6895 N	6185 N	7475 N	8320 N
CSBSTU0500xx	6985 N	9875 N	12100 N	13480 N	6895 N	6185 N	7475 N	8320 N
CSBSTU0600xx	8805 N	12500 N	15300 N	17080 N	6540 N	5205 N	6270 N	6985 N

FM Loads (4.8 mm wall and Sch 40 Service Pipes)								
Horizontal Capacity per Installation Angle from Vertical								
Part Number	Lateral				Longitudinal			
	30° - 44°	45° - 59°	60° - 74°	75° - 90°	30° - 44°	45° - 59°	60° - 74°	75° - 90°
CSBSTU0800xx	9075 N	12855 N	15745 N	17570 N	5340 N	7560 N	9295 N	10365 N
CSBSTU1000xx	9075 N	12855 N	15745 N	17570 N	5340 N	7560 N	9295 N	10365 N

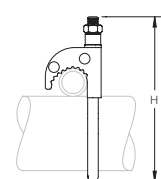
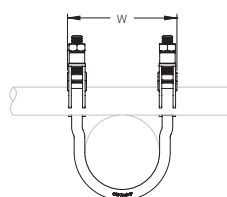
Bracing Systems

RIGID BRACING

QUICK GRIP JR. LATERAL SWAY BRACE

FEATURES

- Easy two-step installation eliminates extra trips between structure and service pipe
- Works with 1" and 1 1/4" (25 mm and 32 mm) brace pipes to reduce inventory
- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces
- Meets NFPA®-13 requirements for seismic sway bracing



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Pipe Size	NB/DN	Height	Width
CSBQIKCL0100EG	404373	1"	25	130.2 mm	65.3 mm
CSBQIKCL0125EG	404374	1 1/4"	32	136.5 mm	74.4 mm
CSBQIKCL0150EG	404375	1 1/2"	40	142.9 mm	80.2 mm
CSBQIKCL0200EG	404376	2"	50	161.9 mm	92.3 mm

UL Loads (Listed for Restraints)

Part Number	Service Pipe Schedule	Lateral	
		25 mm Brace Pipe	32 mm Brace Pipe
CSBQIKCL0100EG	Dyna-Flow®	N/A	N/A
	10	2910 N	2910 N
	40	2910 N	2910 N
CSBQIKCL0125EG	Dyna-Flow®	2910 N	2400 N
	10	2910 N	2400 N
	40	2910 N	2400 N
CSBQIKCL0150EG	Dyna-Flow®	3330 N	2910 N
	10	3330 N	2910 N
	40	3330 N	2910 N
CSBQIKCL0200EG	Dyna-Flow®	3330 N	2400 N
	10	3330 N	2400 N
	40	3330 N	2400 N

FM Loads

Part Number	Service Pipe Schedule	Lateral			
		Horizontal Capacity per Installation Angle from Vertical			
		30° - 44°	45° - 59°	60° - 74°	75° - 90°
CSBQIKCL0100EG	EN10255 L (Lightwall)	1290 N	1830 N	2200 N	2445 N
	EN10255 M (10)	665 N	935 N	1245 N	1400 N
	EN10255 H (40)	2115 N	2960 N	3670 N	4115 N
CSBQIKCL0125EG	EN10255 L (Lightwall)	1290 N	1830 N	2200 N	2445 N
	EN10255 M (10)	665 N	935 N	1245 N	1400 N
	EN10255 H (40)	2115 N	2960 N	3670 N	4115 N
CSBQIKCL0150EG	EN10255 L (Lightwall)	1290 N	1830 N	2200 N	2445 N
	EN10255 M (10)	665 N	935 N	1245 N	1400 N
	EN10255 H (40)	2115 N	2960 N	3670 N	4115 N
CSBQIKCL0200EG	EN10255 L (Lightwall)	1735 N	2445 N	2980 N	3335 N
	EN10255 M (10)	1555 N	2225 N	2760 N	3070 N
	EN10255 H (40)	2180 N	3070 N	3780 N	4225 N

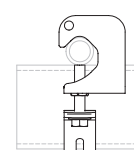
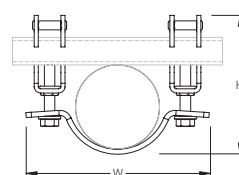
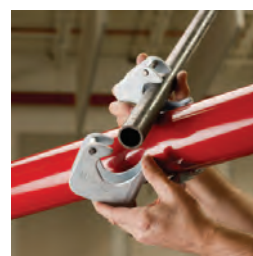
Bracing Systems

RIGID BRACING

QUICK GRIP LATERAL SWAY BRACE

FEATURES

- Easy two-step installation eliminates extra trips between structure and service pipe
- Works with 1" and 1 1/4" (25 mm and 32mm) brace pipes to reduce inventory
- Yellow tips provide a visual indicator that the bolts have been properly torqued
- Easy installation with an impact wrench from the bottom side of the clamp
- Meets NFPA®-13 requirements for seismic sway bracing



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Pipe Size	NB/DN	Height	Width
CSBQG0250EG	404468	2 1/2"	65	138.1 – 148.6 mm	172.0 mm
CSBQG0300EG	404469	3"	80	155.0 – 165.5 mm	190.0 mm
CSBQG0400EG	404470	4"	100	180.4 – 190.9 mm	222.0 mm
CSBQG0600EG	404472	6"	150	235.5 – 244.9 mm	298.0 mm
CSBQG0800EG	404473	8"	200	289.2 – 300.0 mm	351.8 mm

UL Loads (Listed for Restraints)

Part Number	Service Pipe Schedule	Lateral	
		25 mm Brace Pipe	32 mm Brace Pipe
CSBQG0250EG	Dyna-Flow®	8960 N	8960 N
	10	8960 N	8960 N
	40	8960 N	8960 N
CSBQG0250EG	Dyna-Flow®	8960 N	8960 N
	10	8960 N	8960 N
	40	8960 N	8960 N
CSBQG0400EG	Dyna-Flow®	8960 N	8960 N
	10	8960 N	8960 N
	40	8960 N	8960 N
CSBQG0600EG	Mega-Flow	8960 N	8960 N
	10	8960 N	8960 N
	40	8960 N	8960 N
CSBQG0800EG	10	8960 N	8960 N
	40	8960 N	8960 N

FM Loads

Part Number	Service Pipe Schedule	Lateral			
		Horizontal Capacity per Installation Angle from Vertical			
		30° - 44°	45° - 59°	60° - 74°	75° - 90°
CSBQG0250EG	EN10255 L (Lightwall)	6270 N	8895 N	10900 N	12190 N
	EN10255 M (10)	6270 N	8895 N	10900 N	12190 N
	EN10255 H (40)	6270 N	8895 N	10900 N	12190 N
CSBQG0300EG	EN10255 L (Lightwall)	5295 N	7475 N	9163 N	10230 N
	EN10255 M (10)	5295 N	7475 N	9163 N	10230 N
	EN10255 H (40)	5295 N	7475 N	9163 N	10230 N
CSBQG0400EG	EN10255 L (Lightwall)	5295 N	7475 N	9163 N	10230 N
	EN10255 M (10)	5295 N	7475 N	9163 N	10230 N
	EN10255 H (40)	5295 N	7475 N	9163 N	10230 N
CSBQG0600EG	EN10255 L (Lightwall)	3870 N	5470 N	6715 N	7515 N
	EN10255 M (10)	3870 N	5470 N	6715 N	7515 N
	EN10255 H (40)	4315 N	6095 N	7475 N	8320 N
CSBQG0800EG	4.8 mm (Wall Thickness)	3515 N	4940 N	6050 N	6760 N
	EN10255 H (40)	3515 N	4940 N	6050 N	6760 N

Bracing Systems

RIGID BRACING

SHEAR BOLT



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Product
CSBBARJSB50EG	402502	Bar Joist Attachment
CSBIBSB50EG	402501	I-Beam Attachment
CSBUNIVSB62EG	402503	Universal Structural Attachment, Universal Sway Brace

SHEAR NUT



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Product
CSBIBSN37EG	402500	Adjustable I-Beam Attachment
CSBQIKCLSN37EG	402505	Quick Grip Jr. Lateral Sway Brace

Bracing Systems

RIGID BRACING

CABLE SPOOL

FEATURES

- Cut to length as needed
- Pre-stretched restraint cable

Material: Steel

Finish: Pregalvanized, Painted



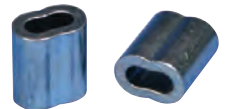
Part Number	Article Number	Brace Size	Diameter	Cable Length	UL Listed Load	Color
CSB12CBL	402190	#12	2.4 mm	76.2 m	2,668 N	Red
CSB18CBL	402191	#18	3.2 mm	76.2 m	4,893 N	White
CSB36CBL	402192	#36	4.8 mm	76.2 m	12,455 N	Blue
CSB48CBL	402193	#48	6.0 mm	76.2 m	20,461 N	Yellow

Cable is powder coated.

CRIMPING SLEEVE

FEATURES

- Creates secure loop ends
- Crimp with swaging tools



Material: Copper

Finish: Electrogalvanized



Part Number	Article Number	Brace Size
CSB12SLVB	402194	#12
CSB18SLVB	402195	#18
CSB36SLVB	402196	#36
CSB48SLVB	402197	#48

Two side-by-side crimps required on #12 and #18 cable. Three side-by-side crimps required on #36 and #48 cable. Check crimp with gauge (not included).

Bracing Systems

RIGID BRACING

LOOP ATTACHMENT KIT

FEATURES

- Two-way bracing kit with crimp sleeves
- Wraps around structural steel members

Material: Steel
Finish: Pregalvanized, Painted



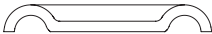
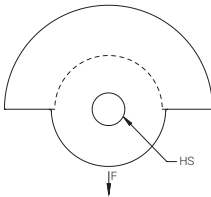
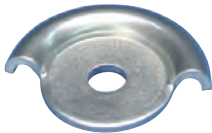
Part Number	Article Number	Brace Size	Brace Length	Cable Length	UL Listed Load	Color
CSB12B00L10	402232	#12	3.0 m	4.2 m	2,668 N	Red
CSB18B00L10	402233	#18	3.0 m	4.2 m	4,893 N	White

Stake eyes not included.

NO PRY CLIP

FEATURES

- Eliminates prying effect on fasteners and anchors



Material: Steel
Finish: Electrogalvanized



Part Number	Article Number	Brace Size	Hole Size	UL Listed Load
CSBNPC12	402208	#12, #18, #36	14 mm	12,460 N

Bracing Systems

RIGID BRACING

STAKE EYE KIT

FEATURES

- Attaches to steel, wood or concrete structures
- Two-way bracing kit with crimp sleeves and stake eyes
- Swaged-on stake eye, pre-bent to 45 degrees



Material: Steel

Finish: Pregalvanized, Painted



Part Number	Article Number	Brace Size	Hole Size	Brace Length	Cable Length	UL Listed Load	Color
CSB12BD38L10	402221	#12	11 mm	3.0 m	4.2 m	2,668 N	Red
CSB12BD50L10	402227	#12	14 mm	3.0 m	4.2 m	2,668 N	Red
CSB18BD38L10	402222	#18	11 mm	3.0 m	4.2 m	4,893 N	White
CSB18BD50L10	402228	#18	14 mm	3.0 m	4.2 m	4,893 N	White
CSB36BD38L10	402223	#36	11 mm	3.0 m	4.2 m	12,455 N	Blue
CSB36BD50L10	402229	#36	14 mm	3.0 m	4.2 m	12,455 N	Blue

Kits contain copper sleeves.

CABLE CUTTER

FEATURES

- Designed to reduce cable fraying



Material: Steel



Part Number	Article Number	Brace Size
CSBC9	402211	#12, #18, #36, #48

Bracing Systems

RIGID BRACING

MANUAL SWAGING TOOL



Material: Steel

Part Number	Article Number	Brace Size
CSB12SBHS	404461	#12
CSB48	402212	#48

MULTI-SIZE MANUAL SWAGING TOOL



Material: Steel

Part Number	Article Number	Brace Size
CSB3346SB	402209	#12, #18, #36

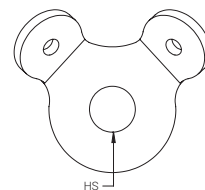
Bracing Systems

CABLE BRACING

UNIVERSAL RESTRAINT CLIP

FEATURES

- Attaches cable brace to structure



Material: Steel
Finish: Electrogalvanized



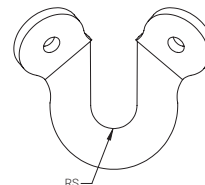
Part Number	Article Number	Brace Size	Hole Size	UL Listed Load
CSBURC12	402199	#12, #18, #36	14 mm	7,117 N
CSBURC38	402198	#12, #18, #36	11 mm	7,117 N
CSBURC4812	402204	#48	14 mm	20,460 N
CSBURC4834	402206	#48	21 mm	20,460 N
CSBURC4858	402205	#48	17 mm	20,460 N
CSBURC58	402200	#12, #18, #36	17 mm	7,117 N

Mount to the structure using the center hole. Loop cable through the holes in the bent tabs and crimp in place.

UNIVERSAL RESTRAINT CLIP, RETROFIT

FEATURES

- Slotted design ideal for attaching to existing threaded rod on trapezes



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Brace Size	Rod Size
CSBURCR12	402202	#12, #18	M12
CSBURCR38	402201	#12, #18	M10
CSBURCR58	402203	#12, #18	M16

One clip required for #12 cable. Two stacked clips required for #18 cable.

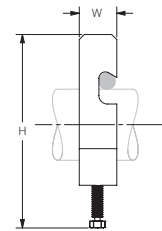
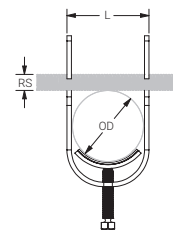
Bracing Systems

BRANCH LINE RESTRAINT SYSTEM

BRANCH LINE RESTRAINT PIPE ATTACHMENT

FEATURES

- Accepts 3/8" or 1/2" (M10 or M12) threaded rod
- Quick grip clamp simplifies measuring and cutting of threaded rod
- Works with rough-cut threaded rod and eliminates pipe-side deburring
- Can be installed with threaded rod above or below the service pipe
- Shear-off head helps ensure correct torque and simplifies inspection



Material: Steel

Finish: Electrogalvanized



OSHPD

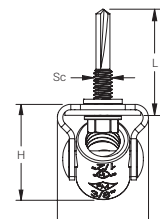
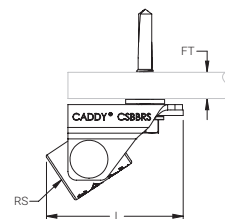


Part Number	Article Number	Pipe Size	NB/DN	Outer Diameter	Rod Size	Height	Length	Width
CSBBRP0100EG	404477	1"	25	33.4 mm	M10, M12	169.4 mm	41.4 mm	22.2 mm
CSBBRP0125EG	404478	1 1/4"	32	42.2 mm	M10, M12	192.0 mm	50.0 mm	22.2 mm
CSBBRP0150EG	404479	1 1/2"	40	48.3 mm	M10, M12	208.4 mm	56.1 mm	22.2 mm
CSBBRP0200EG	404480	2"	50	60.3 mm	M10, M12	240.0 mm	68.3 mm	22.2 mm

BRANCH LINE RESTRAINT STRUCTURE ATTACHMENT TO STEEL

FEATURES

- Swivel connector accepts 3/8" or 1/2" (M10 or M12) threaded rod
- Attaches to steel members with self-drilling/tapping screw



Material: Steel

Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Flange Thickness	Height	Length	Width	Screw Diameter	Screw Length
CSBBRS1MEG	402239	M10, M12	2.7 – 12.7 mm	28.2 mm	40.4 mm	26.9 mm	#12	32 mm

Branch line structural attachments are for restraint only and not for the hanging of fire sprinkler piping.

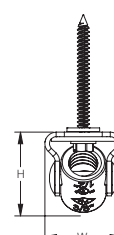
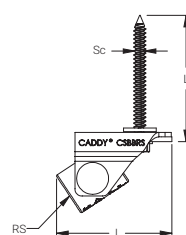
Bracing Systems

BRANCH LINE RESTRAINT SYSTEM

BRANCH LINE RESTRAINT STRUCTURE ATTACHMENT TO WOOD/CONCRETE

FEATURES

- Swivel connector accepts 3/8" or 1/2" (M10 or M12) threaded rod
- Attaches to wood or non-cracked concrete structures



Material: Steel
Finish: Electrogalvanized



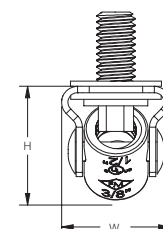
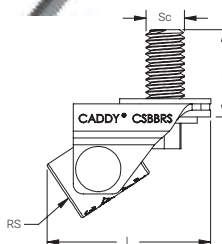
Part Number	Article Number	Rod Size	Height	Length	Width	Screw Diameter	Screw Length	Drill Bit Diameter
CSBBRS2MEG	402240	M10, M12	28.2 mm	40.4 mm	26.9 mm	6.4 mm	44.5 mm	3/16"

Branch line structural attachments are for restraint only and not for the hanging of fire sprinkler piping. Recommended drill bit is Powers Fasteners, Inc. part number 2785SD.

BRANCH LINE RESTRAINT STRUCTURE ATTACHMENT TO THREADED HOLE

FEATURES

- Swivel connector accepts 3/8" or 1/2" (M10 or M12) threaded rod
- Attaches to concrete anchors or structural attachments with female threads



Material: Steel
Finish: Electrogalvanized



Part Number	Article Number	Rod Size	Height	Length	Width	Screw Diameter	Screw Length
CSBBRS3MEG	402241	M10, M12	28.2 mm	40.4 mm	26.9 mm	M10	19 mm

Branch line structural attachments are for restraint only and not for the hanging of fire sprinkler piping.

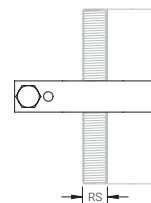
Bracing Systems

ROD STIFFENERS

PIPE ROD STIFFENER

FEATURES

- For use with Schedule 40 or Schedule 10 pipe
- Secures pipe to threaded rod for stiffening



Material: Steel

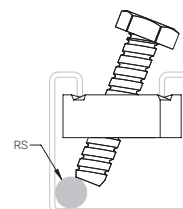
Finish: Electrogalvanized

Part Number	Article Number	Brace Pipe Size	Brace NB/DN	Rod Size
CSBRS1	402207	1"	25 mm	M10, M12, M16

STRUT ROD STIFFENER

FEATURES

- Secures strut channel to threaded rod for stiffening

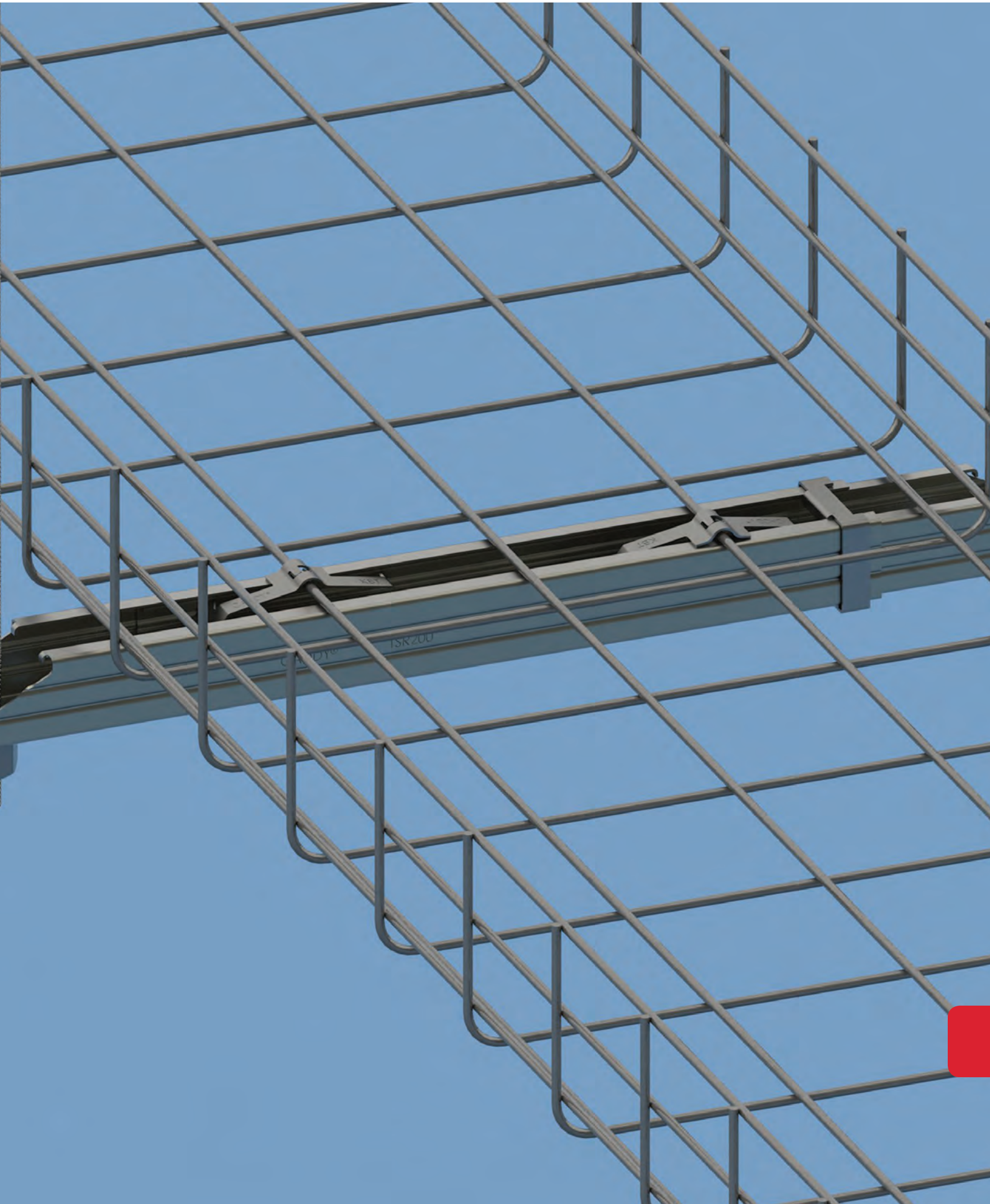


Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Strut Type	Rod Size
CSBRS37EG	404467	A (41 x 41 mm)	M10, M12, M16, M20

Metal Framing



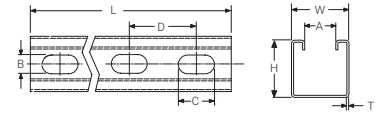
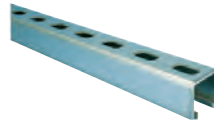
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CHANNEL TYPE A, SLOTTED

FEATURES

- Cold formed channel, slotted
- Strut channels for heavy applications
- For individual fastening or for efficiently constructing pipe or tube routes



Part Number	Article Number	Length	Height	Width	Thickness	A	B	C	D
Material: Stainless Steel 316 (EN 1.4401)									
A15L2000S6	317345	2 m	41 mm	41 mm	1.5 mm	22.3 mm	11 mm	27 mm	50 mm
A25H6000S6	310326	6 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
Material: Steel — Finish: Hot-Dip Galvanized									
A15L3000HD	317241	3 m	41 mm	41 mm	1.5 mm	22.3 mm	11 mm	27 mm	50 mm
A15L6000HD	317251	6 m	41 mm	41 mm	1.5 mm	22.3 mm	11 mm	27 mm	50 mm
A25H3000HD	310339	3 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
A25H4000HD	310332	4 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
A25H6000HD	310358	6 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
Material: Steel — Finish: Pregalvanized									
A15H6000PG	317211	6 m	41 mm	41 mm	1.5 mm	22.3 mm	14 mm	27 mm	50 mm
A15L2000PG	317096	2 m	41 mm	41 mm	1.5 mm	22.3 mm	11 mm	27 mm	50 mm
A15L3000PG	317099	3 m	41 mm	41 mm	1.5 mm	22.3 mm	11 mm	27 mm	50 mm
A15L6000PG	317111	6 m	41 mm	41 mm	1.5 mm	22.3 mm	11 mm	27 mm	50 mm
A20L2000PG	310293	2 m	41 mm	41 mm	2.0 mm	22.3 mm	11 mm	27 mm	50 mm
A20L3000PG	310303	3 m	41 mm	41 mm	2.0 mm	22.3 mm	11 mm	27 mm	50 mm
A20L6000PG	310313	6 m	41 mm	41 mm	2.0 mm	22.3 mm	11 mm	27 mm	50 mm
A25H2000PG	385505	2 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
A25H3000PG	310299	3 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
A25H4000PG	310333	4 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
A25H6000PG	310311	6 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm

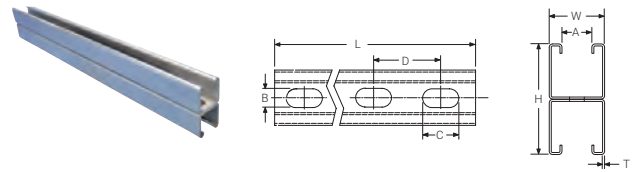
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CHANNEL TYPE AA, SLOTTED

FEATURES

- Cold formed channel, slotted
- Welded back to back



Part Number	Article Number	Length	Height	Width	Thickness	A	B	C	D
Material: Stainless Steel 316 (EN 1.4401)									
AA25H6000S6	310210	6.0 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
Material: Steel – Finish: Hot-Dip Galvanized									
AA25H0300HD	330380	0.3 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
AA25H0400HD	330390	0.4 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
AA25H0500HD	330400	0.5 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
AA25H0600HD	330410	0.6 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
AA25H0800HD	330420	0.8 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
AA25H1000HD	330430	1.0 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
AA25H2000HD	330440	2.0 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
AA25H3000HD	310221	3.0 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
AA25H4000HD	310222	4.0 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
AA25H6000HD	310231	6.0 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
Material: Steel – Finish: Pregalvanized									
AA25H3000PG	310181	3.0 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
AA25H6000PG	310191	6.0 m	82 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm

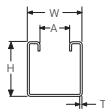
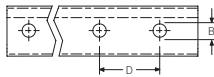
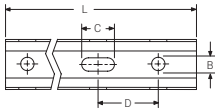
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CHANNEL TYPE AS, PERFORATED

FEATURES

- Cold formed channel, slotted
- Contains side perforations



Material: Steel

Part Number	Article Number	Length	Height	Width	Thickness	A	B	C	D
Finish: Hot-Dip Galvanized									
A25S3000HD	310400	3 m	41 mm	41 mm	2.5 mm	22.3 mm	11 mm	27 mm	50 mm
A25S6000HD	310410	6 m	41 mm	41 mm	2.5 mm	22.3 mm	11 mm	27 mm	50 mm
Finish: Pregalvanized									
A25S3000PG	310360	3 m	41 mm	41 mm	2.5 mm	22.3 mm	11 mm	27 mm	50 mm
A25S6000PG	310370	6 m	41 mm	41 mm	2.5 mm	22.3 mm	11 mm	27 mm	50 mm

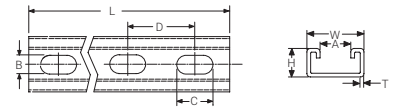
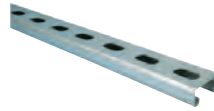
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CHANNEL TYPE C, SLOTTED

FEATURES

- Cold formed channel, slotted
- Strut channels for medium to heavy applications
- For individual fastening or for efficiently constructing pipe or tube routes



Part Number	Article Number	Length	Height	Width	Thickness	A	B	C	D
Material: Stainless Steel 316 (EN 1.4401)									
C15L2000S6	317117	2.0 m	21 mm	41 mm	1.5 mm	22.3 mm	11 mm	27 mm	50 mm
C25H6000S6	310265	6.0 m	21 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
Material: Steel — Finish: Hot-Dip Galvanized									
C25H0300HD	382451	0.3 m	21 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
C25H3000HD	310281	3.0 m	21 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
C25H4000HD	310286	4.0 m	21 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
C25H6000HD	310291	6.0 m	21 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
Material: Steel — Finish: Pregalvanized									
C15L2000PG	317116	2.0 m	21 mm	41 mm	1.5 mm	22.3 mm	11 mm	27 mm	50 mm
C15L3000PG	317119	3.0 m	21 mm	41 mm	1.5 mm	22.3 mm	11 mm	27 mm	50 mm
C15L6000PG	317131	6.0 m	21 mm	41 mm	1.5 mm	22.3 mm	11 mm	27 mm	50 mm
C20L2000PG	310256	2.0 m	21 mm	41 mm	2.0 mm	22.3 mm	11 mm	27 mm	50 mm
C20L3000PG	310257	3.0 m	21 mm	41 mm	2.0 mm	22.3 mm	11 mm	27 mm	50 mm
C25H2000PG	387365	2.0 m	21 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
C25H3000PG	310241	3.0 m	21 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
C25H4000PG	310283	4.0 m	21 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
C25H6000PG	310255	6.0 m	21 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm

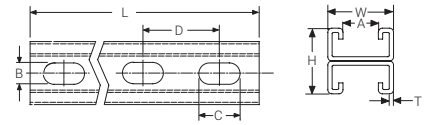
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CHANNEL TYPE CC, SLOTTED

FEATURES

- Cold formed channel, slotted
- Welded back to back



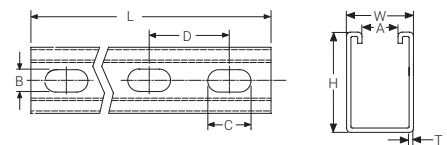
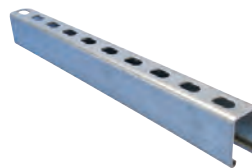
Material: Steel

Part Number	Article Number	Length	Height	Width	Thickness	A	B	C	D
Finish: Hot-Dip Galvanized									
CC25H0400HD	330210	0.4 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
CC25H0500HD	330220	0.5 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
CC25H0600HD	330230	0.6 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
CC25H0800HD	330240	0.8 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
CC25H1000HD	330250	1.0 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
CC25H2000HD	330260	2.0 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
CC25H3000HD	310101	3.0 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
CC25H6000HD	310111	6.0 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
Finish: Pregalvanized									
CC25H3000PG	310061	3.0 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
CC25H6000PG	310071	6.0 m	41 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm

STRUT CHANNEL TYPE D, SLOTTED

FEATURES

- Cold formed channel, slotted



Material: Steel

Part Number	Article Number	Length	Height	Width	Thickness	A	B	C	D
Finish: Hot-Dip Galvanized									
D25H3000HD	310640	3 m	62 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
D25H6000HD	310645	6 m	62 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
Finish: Pregalvanized									
D25H3000PG	310630	3 m	62 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
D25H6000PG	310635	6 m	62 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm

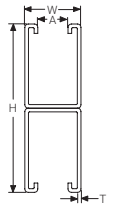
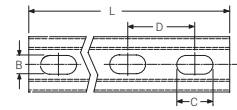
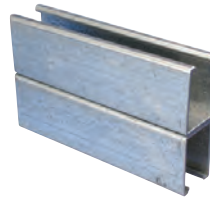
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CHANNEL TYPE DD, SLOTTED

FEATURES

- Cold formed channel, slotted
- Welded back to back



Material: Steel

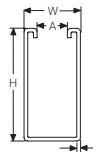
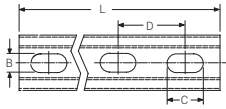
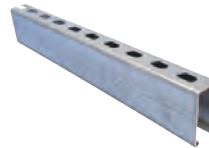
Finish: Pregalvanized

Part Number	Article Number	Length	Height	Width	Thickness	A	B	C	D
DD25H6000PG	310650	6 m	124 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm

STRUT CHANNEL TYPE E, SLOTTED

FEATURES

- Cold formed channel, slotted



Material: Steel

Part Number	Article Number	Length	Height	Width	Thickness	A	B	C	D
Finish: Hot-Dip Galvanized									
E12H1000HD	310610	3 m	83 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
E25H6000HD	310615	6 m	83 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
Finish: Pregalvanized									
E12H1000PG	310600	3 m	83 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm
E25H6000PG	310605	6 m	83 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm

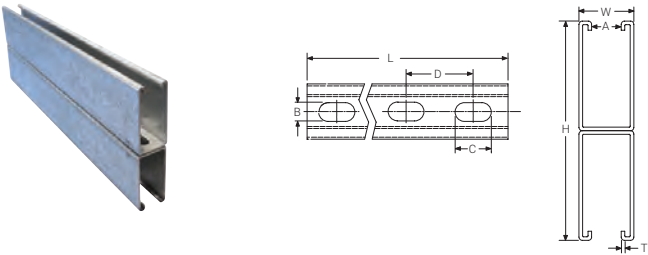
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CHANNEL TYPE EE, SLOTTED

FEATURES

- Cold formed channel, slotted
- Welded back to back



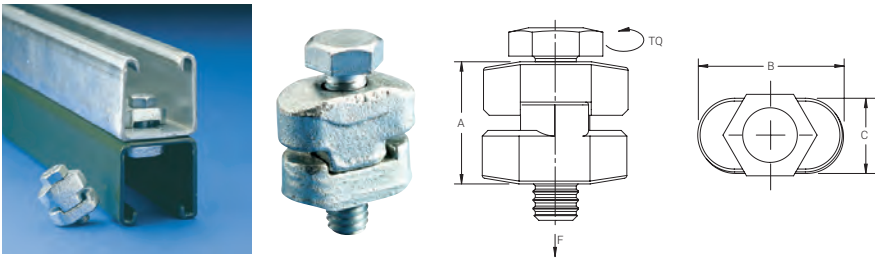
Material: Steel
Finish: Pregalvanized

Part Number	Article Number	Length	Height	Width	Thickness	A	B	C	D
EE25H6000PG	310620	6 m	165 mm	41 mm	2.5 mm	22.3 mm	14 mm	27 mm	50 mm

STRUT TO STRUT CONNECTOR

FEATURES

- Consists of two halve castings, nut and bolt
- Allows for bolting two strut channels back to back through the slots



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	A	B	C	Torque	Static Load
STS	315450	32 mm	25 mm	12.7 mm	7 N-m	4,900 N

Minimum of 2 required. Maximum spacing 1 foot (300mm).

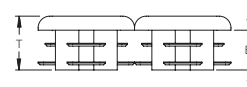
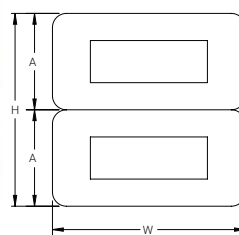
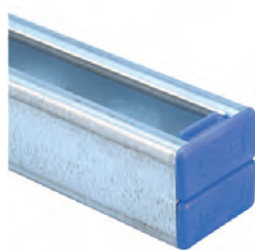
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

ADK STRUT END CAP

FEATURES

- Fits into ERISTRUT Type A channel
- When separated, provides two end caps for ERISTRUT Type C channel



Material: Polyethylene

Part Number	Article Number	Color	Strut Type	Height	Width	A	B	Thickness
ADK421	313305	Blue	A (41 x 41 mm), C (21 x 41 mm)	41.2 mm	41.2 mm	20.6 mm	8.5 mm	11.5 mm
ADK421GY	313308	Gray	A (41 x 41 mm), C (21 x 41 mm)	41.2 mm	41.2 mm	20.6 mm	8.5 mm	11.5 mm
ADK421RD	313306	Red	A (41 x 41 mm), C (21 x 41 mm)	41.2 mm	41.2 mm	20.6 mm	8.5 mm	11.5 mm

STRUT CHANNEL COVER

FEATURES

- Easily snaps into any ERISTRUT strut channel



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Length
Material: Polyvinylchloride		
CL3000PS	313310	3 m
Material: Steel – Finish: Electrogalvanized		
CL100000EG	313320	3 m

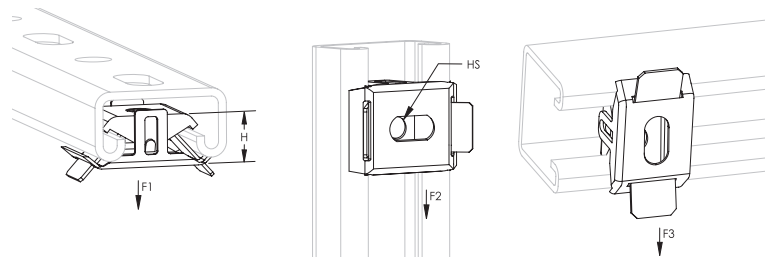
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

SLICK NUT

FEATURES

- Provides fast universal attachment of threaded rod and hardware to standard strut profiles

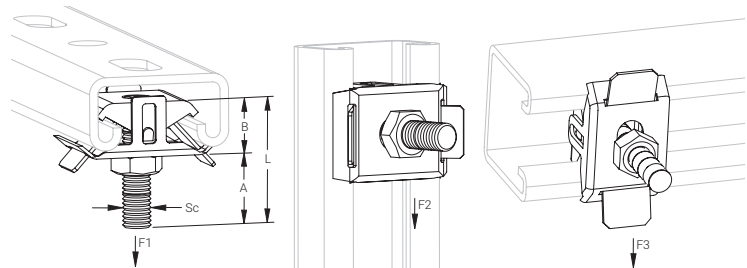


Material: Spring Steel
Finish: Armour

Part Number	Article Number	Hole Size	Hole Type	Height	Torque	Static Load 1	Static Load 2	Static Load 3
SLICKM10	174350	M10	Threaded	17 mm	14 N-m	2,700 N	450 N	1,100 N
SLICKM12	174550	M12	Threaded	17 mm	14 N-m	2,700 N	450 N	1,100 N
SLICKM6	174460	M6	Threaded	17 mm	6 N-m	1,800 N	450 N	1,100 N
SLICKM8	174340	M8	Threaded	17 mm	8 N-m	2,700 N	450 N	1,100 N

Indicated loads are independent of the threaded stud or rod. Indicated loads are applicable on 14 GA and 12 GA (2 mm and 2.5 mm) strut channels only.

SLICK NUT WITH BOLT



Material: Spring Steel, Steel
Finish: Armour, Electrogalvanized

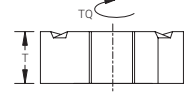
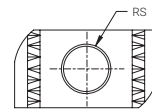
Part Number	Article Number	Screw Diameter	Screw Length	A	B	Torque	Static Load 1	Static Load 2	Static Load 3
SLICKM10050	174410	M10	50 mm	33 mm	17 mm	14 N-m	2,700 N	450 N	1,100 N
SLICKM10070	174420	M10	70 mm	53 mm	17 mm	14 N-m	2,700 N	450 N	1,100 N
SLICKM10090	174430	M10	90 mm	73 mm	17 mm	14 N-m	2,700 N	450 N	1,100 N
SLICKM8050	174360	M8	50 mm	33 mm	17 mm	8 N-m	2,700 N	450 N	1,100 N
SLICKM8070	174370	M8	70 mm	53 mm	17 mm	8 N-m	2,700 N	450 N	1,100 N
SLICKM8090	174380	M8	90 mm	73 mm	17 mm	8 N-m	2,700 N	450 N	1,100 N

Indicated loads are independent of the threaded stud or rod.

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT NUT WITHOUT SPRING



Static Load Safety Factor: 3:1

Part Number	Article Number	Rod Size	Thickness	Torque
Material: Stainless Steel 316 (EN 1.4401)				
NUTM10S6	315160	M10	8.0 mm	55 N-m
NUTM12S6	315170	M12	8.0 mm	55 N-m
NUTM6S6	315140	M6	6.0 mm	12 N-m
NUTM8S6	315150	M8	6.0 mm	28 N-m
Material: Steel — Finish: Electrogalvanized				
NUTM10EG	315025	M10	8.0 mm	55 N-m
NUTM12EG	315035	M12	8.0 mm	55 N-m
NUTM12TEG	315034	M12	11.7 mm	65 N-m
NUTM16EG	315036	M16	11.7 mm	125 N-m
NUTM6EG	314995	M6	6.0 mm	12 N-m
NUTM8EG	315015	M8	6.0 mm	28 N-m
Material: Steel — Finish: Hot-Dip Galvanized				
NUTM10HD	315020	M10	8.0 mm	55 N-m
NUTM12HD	315030	M12	8.0 mm	55 N-m
NUTM12THD	315031	M12	11.7 mm	65 N-m
NUTM16HD	315037	M16	11.7 mm	125 N-m
NUTM6HD	315000	M6	6.0 mm	12 N-m
NUTM8HD	315010	M8	6.0 mm	28 N-m

PULL-OUT STRENGTH

Part Number	Channel Type	Channel Thickness		
		2,5 mm	2 mm	1,5 mm
NUTM6xx	A, C	2000 N	2000 N	2000 N
	D, E	2000 N	-	-
NUTM8xx	A, C	3330 N	3330 N	3330 N
	D, E	3330 N	-	-
NUTM10xx	A, C	4890 N	4440 N	4440 N
	D, E	4890 N	-	-
NUTM12xx	A, C	4890 N	4660 N	4440 N
	D, E	3670 N	-	-
NUTM12Txx	A	5670 N	5050 N	4440 N
	D, E	4250 N	-	-
NUTM16xx	A	5670 N	4660 N	4440 N
	D, E	4250 N	-	-

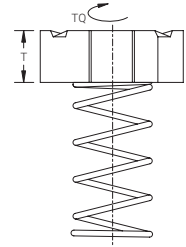
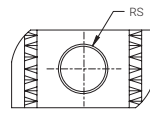
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT NUT WITH SPRING, CHANNEL TYPE A

FEATURES

- Used to create metal frames with Eristrut channels
- Spring allows for easy installation



Static Load Safety Factor: 3:1

Part Number	Article Number	Rod Size	Thickness	Torque
Material: Stainless Steel 316 (EN 1.4401)				
SPRAM10S6	315120	M10	8.0 mm	55 N-m
SPRAM12S6	315200	M12	8.0 mm	55 N-m
SPRAM6S6	315180	M6	6.0 mm	12 N-m
SPRAM8S6	315190	M8	6.0 mm	28 N-m
Material: Steel – Finish: Electrogalvanized				
SPRAM10EG	315105	M10	8.0 mm	55 N-m
SPRAM12EG	315115	M12	8.0 mm	55 N-m
SPRAM12TEG	315116	M12	11.7 mm	65 N-m
SPRAM6EG	315085	M6	6.0 mm	12 N-m
SPRAM8EG	315095	M8	6.0 mm	28 N-m
Material: Steel – Finish: Hot-Dip Galvanized				
SPRAM10HD	315100	M10	8.0 mm	55 N-m
SPRAM12HD	315110	M12	8.0 mm	55 N-m
SPRAM12THD	315111	M12	11.7 mm	65 N-m
SPRAM6HD	315080	M6	6.0 mm	12 N-m
SPRAM8HD	315090	M8	6.0 mm	28 N-m

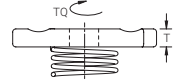
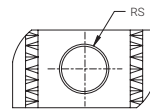
PULL-OUT STRENGTH

Part Number	Channel Thickness		
	2,5 mm	2 mm	1,5 mm
SPRAM6xx	2000 N	2000 N	2000 N
SPRAM8xx	3330 N	3330 N	3330 N
SPRAM10xx	4890 N	4440 N	4440 N
SPRAM12xx	4890 N	4660 N	4440 N
SPRAM12Txx	5670 N	5050 N	4440 N

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT NUT WITH SPRING, CHANNEL TYPE C



Static Load Safety Factor: 3:1

Part Number	Article Number	Rod Size	Thickness	Torque
Material: Stainless Steel 316 (EN 1.4401)				
SPRCM10S6	315230	M10	8 mm	55 N-m
SPRCM12S6	315240	M12	8 mm	55 N-m
SPRCM6S6	315210	M6	6 mm	12 N-m
SPRCM8S6	315220	M8	6 mm	28 N-m
Material: Steel — Finish: Electrogalvanized				
SPRCM10EG	315065	M10	8 mm	55 N-m
SPRCM12EG	315075	M12	8 mm	55 N-m
SPRCM6EG	315045	M6	6 mm	12 N-m
SPRCM8EG	315055	M8	6 mm	28 N-m
Material: Steel — Finish: Hot-Dip Galvanized				
SPRCM10HD	315060	M10	8 mm	55 N-m
SPRCM12HD	315070	M12	8 mm	55 N-m
SPRCM6HD	315040	M6	6 mm	12 N-m
SPRCM8HD	315050	M8	6 mm	28 N-m

PULL-OUT STRENGTH

Part Number	Channel Thickness		
	2,5 mm	2 mm	1,5 mm
SPRCM6xx	2000 N	2000 N	2000 N
SPRCM8xx	3330 N	3330 N	3330 N
SPRCM10xx	4890 N	4440 N	4440 N
SPRCM12xx	4890 N	4660 N	4440 N

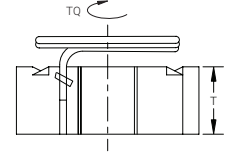
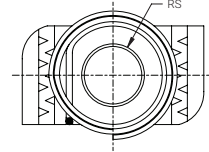
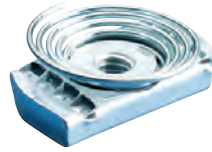
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT NUT WITH TOP SPRING

FEATURES

- Used to create metal frames with Eristrut channels
- Spring allows for easy installation



Material: Steel

Static Load Safety Factor: 3:1

Part Number	Article Number	Rod Size	Thickness	Torque
Finish: Electrogalvanized				
TSNTM10EG	315315	M10	8.0 mm	55 N-m
TSNTM12EG	315325	M12	8.0 mm	55 N-m
TSNTM12TEG	315326	M12	11.7 mm	65 N-m
TSNTM6EG	315295	M6	6.0 mm	12 N-m
TSNTM8EG	315305	M8	6.0 mm	28 N-m
Finish: Hot-Dip Galvanized				
TSNTM10HD	315310	M10	8.0 mm	55 N-m
TSNTM12HD	315320	M12	8.0 mm	55 N-m
TSNTM12THD	315321	M12	11.7 mm	65 N-m
TSNTM6HD	515331	M6	6.0 mm	12 N-m
TSNTM8HD	315300	M8	6.0 mm	28 N-m

PULL-OUT STRENGTH

Part Number	Channel Type	Channel Thickness		
		2,5 mm	2 mm	1,5 mm
TSNTM6xx	A, C	2000 N	2000 N	2000 N
	D, E	2000 N	-	-
TSNTM8xx	A, C	3330 N	3330 N	3330 N
	D, E	3330 N	-	-
TSNTM10xx	A, C	4890 N	4440 N	4440 N
	D, E	4890 N	-	-
TSNTM12xx	A, C	4890 N	4660 N	4440 N
	D, E	3670 N	-	-
TSNTM12Txx	A	5670 N	5050 N	4440 N
	D, E	4250 N	-	-

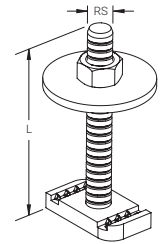
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT T-BOLT

FEATURES

- Pre-mounted with large washer and nut



Material: Steel, Spring Steel

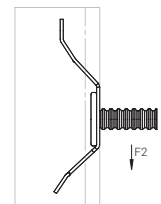
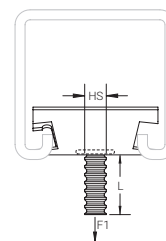
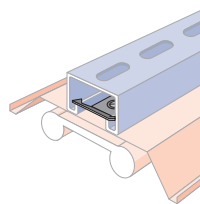
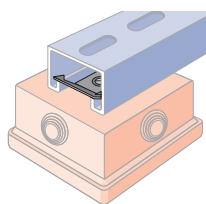
Finish: Pregalvanized, Armour

Part Number	Article Number	Rod Size	Length
Material: Stainless Steel 304 (EN 1.4301)			
TMN08040S4	590093	M8	40 mm
TMN10040S4	590094	M10	40 mm
TMN12040S4	590095	M12	40 mm
Material: Steel — Finish: Electrogalvanized			
TMN08030EG	590220	M8	30 mm
TMN08040EG	590080	M8	40 mm
TMN08050EG	590221	M8	50 mm
TMN08060EG	590222	M8	60 mm
TMN08100EG	590223	M8	100 mm
TMN10040EG	590090	M10	40 mm
TMN10050EG	590224	M10	50 mm
TMN10060EG	590225	M10	60 mm
TMN10070EG	590226	M10	70 mm
TMN10080EG	590227	M10	80 mm
TMN10090EG	590228	M10	90 mm
TMN12040EG	590100	M12	40 mm

CLIP-ON STRUT NUT

FEATURES

- Easily snaps into strut using a screwdriver



Finish: Armour

Part Number	Article Number	Hole Size	Hole Type	Screw Included	Screw Length	Static Load 1	Ultimate Static Load 2
Material: Spring Steel							
MFAM6	160310	M6	Threaded	No		450 N	200 N
Material: Steel, Spring Steel							
MFASM6X25	160300	M6	Threaded	Yes	25 mm	450 N	200 N

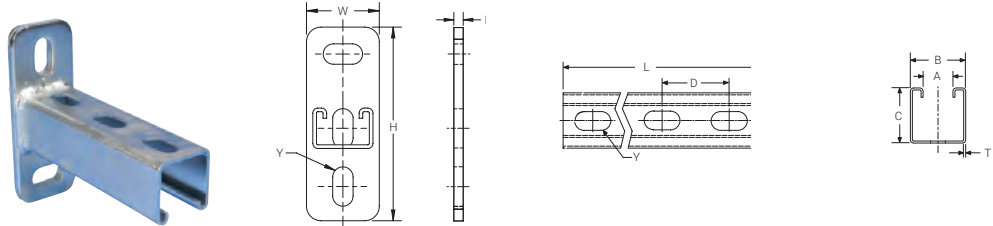
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CANTILEVER ARM TYPE A, SLOTTED

FEATURES

- Slotted channel
- Welded on flat mounting plate



Part Number	Article Number	Length	Height	Width
Material: Stainless Steel 316 (EN 1.4401)				
KA25H0150S6	311693	150 mm	133 mm	50 mm
KA25H0300S6	311694	300 mm	133 mm	50 mm
KA25H0450S6	311695	450 mm	133 mm	50 mm
KA25H0600S6	311696	600 mm	133 mm	50 mm
KA25H0750S6	311697	750 mm	133 mm	50 mm
KA25H1000S6	311698	1,000 mm	133 mm	50 mm
Material: Steel – Finish: Electrogalvanized				
KA25H0150EG	311707	150 mm	133 mm	50 mm
KA25H0200EG	311708	200 mm	133 mm	50 mm
KA25H0300EG	311717	300 mm	133 mm	50 mm
KA25H0450EG	311728	450 mm	133 mm	50 mm
KA25H0500EG	311729	500 mm	133 mm	50 mm
KA25H0600EG	311731	600 mm	133 mm	50 mm
KA25H0750EG	311756	750 mm	133 mm	50 mm
Material: Steel – Finish: Hot-Dip Galvanized				
KA25H0150HD	311702	150 mm	133 mm	50 mm
KA25H0200HD	311703	200 mm	133 mm	50 mm
KA25H0300HD	311713	300 mm	133 mm	50 mm
KA25H0450HD	311718	450 mm	133 mm	50 mm
KA25H0500HD	311732	500 mm	133 mm	50 mm
KA25H0600HD	311733	600 mm	133 mm	50 mm
KA25H0750HD	311757	750 mm	133 mm	50 mm
KA25H1000HD	311758	1,000 mm	133 mm	50 mm
KA25H1200HD	311759	1,200 mm	133 mm	50 mm
KA25H1500HD	311760	1,500 mm	133 mm	50 mm
KA25H2000HD	311761	2,000 mm	133 mm	50 mm

A	B	C	D	E	Y
22 mm	41 mm	41 mm	50 mm	8 mm	14 x 27 mm

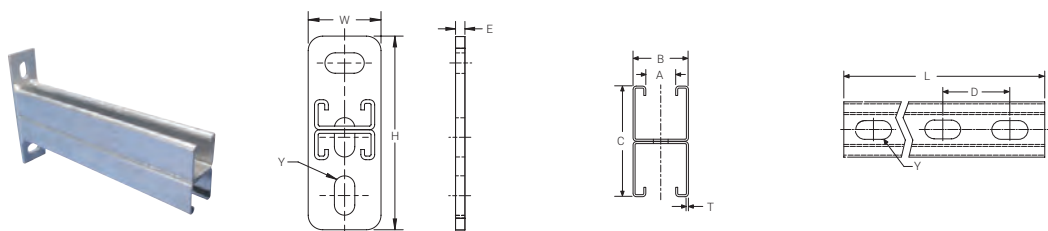
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CANTILEVER ARM TYPE AA, SLOTTED

FEATURES

- Channel welded back to back
- Welded on flat mounting plate



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Length	Height	Width
KAA25H0300HD	311401	300 mm	165 mm	50 mm
KAA25H0400HD	311409	400 mm	165 mm	50 mm
KAA25H0450HD	311411	450 mm	165 mm	50 mm
KAA25H0500HD	311419	500 mm	165 mm	50 mm
KAA25H0600HD	311421	600 mm	165 mm	50 mm
KAA25H0750HD	311431	750 mm	165 mm	50 mm
KAA25H0800HD	311439	800 mm	165 mm	50 mm
KAA25H0900HD	311441	900 mm	165 mm	50 mm
KAA25H1050HD	311451	1,050 mm	165 mm	50 mm

A	B	C	D	E	Y
22 mm	41 mm	82 mm	50 mm	8 mm	14 x 27 mm

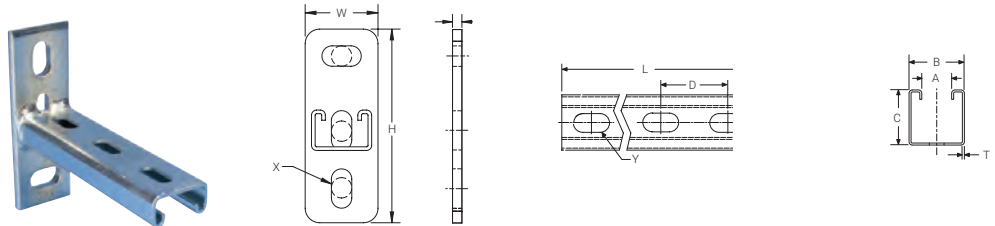
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CANTILEVER ARM TYPE C, SLOTTED

FEATURES

- Slotted channel
- Welded on flat mounting plate



Part Number	Article Number	Length	Thickness	Height	Width	X	Y
Material: Stainless Steel 316 (EN 1.4401)							
KC25H0150S6	311658	150 mm	2.5 mm	133 mm	50 mm	14 mm	14 x 27 mm
KC25H0300S6	311662	300 mm	2.5 mm	133 mm	50 mm	14 mm	14 x 27 mm
KC25H0450S6	311668	450 mm	2.5 mm	133 mm	50 mm	14 mm	14 x 27 mm
Material: Steel – Finish: Electrogalvanized							
KC15L0150EG	311681	150 mm	1.5 mm	133 mm	50 mm	14 x 27 mm	11 x 27 mm
KC15L0300EG	311686	300 mm	1.5 mm	133 mm	50 mm	14 x 27 mm	11 x 27 mm
KC15L0450EG	311691	450 mm	1.5 mm	133 mm	50 mm	14 x 27 mm	11 x 27 mm
KC25H0150EG	311657	150 mm	2.5 mm	133 mm	50 mm	14 x 27 mm	14 x 27 mm
KC25H0300EG	311667	300 mm	2.5 mm	133 mm	50 mm	14 x 27 mm	14 x 27 mm
KC25H0450EG	311677	450 mm	2.5 mm	133 mm	50 mm	14 x 27 mm	14 x 27 mm
Material: Steel – Finish: Hot-Dip Galvanized							
KC15L0150HD	311680	150 mm	1.5 mm	133 mm	50 mm	14 x 27 mm	11 x 27 mm
KC15L0300HD	311685	300 mm	1.5 mm	133 mm	50 mm	14 x 27 mm	11 x 27 mm
KC15L0450HD	311690	450 mm	1.5 mm	133 mm	50 mm	14 x 27 mm	11 x 27 mm
KC25H0150HD	311649	150 mm	2.5 mm	133 mm	50 mm	14 x 27 mm	14 x 27 mm
KC25H0300HD	311659	300 mm	2.5 mm	133 mm	50 mm	14 x 27 mm	14 x 27 mm
KC25H0450HD	311669	450 mm	2.5 mm	133 mm	50 mm	14 x 27 mm	14 x 27 mm

A	B	C	D	E
22 mm	41 mm	21 mm	50 mm	8 mm

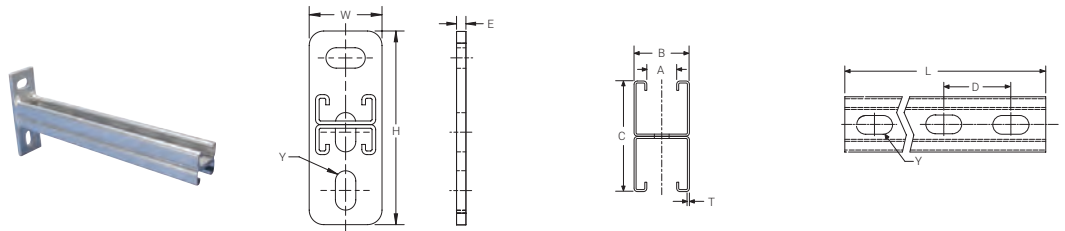
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT CANTILEVER ARM TYPE CC, SLOTTED

FEATURES

- Welded back to back on flat mounting plate



Material: Steel

Finish: Hot-Dip Galvanized

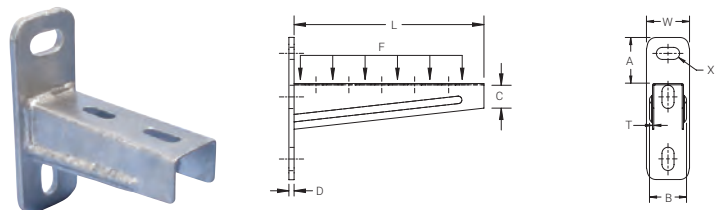
Part Number	Article Number	Length	Height	Width
KCC25H0300HD	311805	300 mm	133 mm	50 mm
KCC25H0450HD	311815	450 mm	133 mm	50 mm
KCC25H0600HD	311825	600 mm	133 mm	50 mm
KCC25H0750HD	311835	750 mm	133 mm	50 mm

A	B	C	D	E	Y
22 mm	41 mm	41 mm	50 mm	8 mm	14 x 27 mm

CTRI CANTILEVER ARM FOR CABLE TRAY

FEATURES

- Cable tray type
- Welded on flat mounting plate



Material: Steel

Finish: Hot-Dip Galvanized

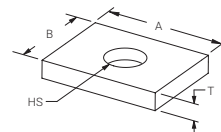
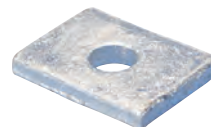
Part Number	Article Number	Length	Width	Static Load
CTRI120HD	311920	120 mm	50 mm	1,500 N
CTRI160HD	311925	170 mm	50 mm	1,250 N
CTRI210HD	311930	220 mm	50 mm	1,125 N
CTRI260HD	311935	270 mm	50 mm	875 N
CTRI310HD	311940	320 mm	50 mm	750 N
CTRI410HD	311945	420 mm	50 mm	750 N
CTRI510HD	311950	520 mm	50 mm	750 N
CTRI810HD	311955	620 mm	50 mm	625 N

A	B	C	D	X	Thickness
53.5 mm	43 mm	30 mm	6 mm	14 x 27 mm	1.5 mm

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

INTERNAL CHANNEL WASHER

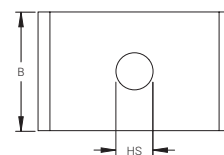
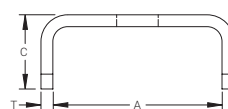
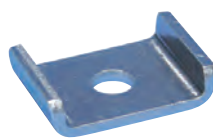


Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Hole Size	A	B	Thickness	Screw Included	Screw Diameter	Screw Length
ZE101	313010	13 mm	40 mm	30 mm	6 mm	Yes	M10	25 mm
ZE101	387510	13 mm	40 mm	30 mm	6 mm	No		

SADDLE WASHER



Part Number	Article Number	Hole Size	Thickness	A	B
Material: Stainless Steel 316 (EN 1.4401)					
PLN11S6	589928	11.0 mm	3 mm	44 mm	40 mm
Material: Steel — Finish: Electrogalvanized					
PLN10	589930	10.5 mm	3 mm	42 mm	30 mm
PLN13	589940	13.0 mm	3 mm	42 mm	30 mm
PLN8	589925	8.4 mm	3 mm	42 mm	30 mm
Material: Steel — Finish: Hot-Dip Galvanized					
PLN13HD	589949	13.0 mm	3 mm	42 mm	30 mm

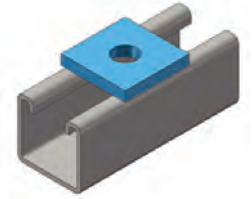
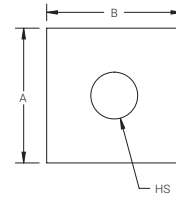
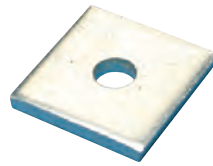
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

SQUARE CHANNEL WASHER

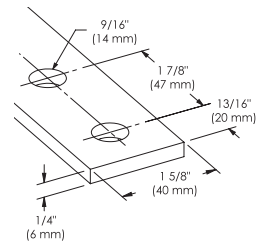
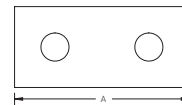
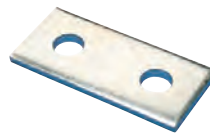
FEATURES

- Use to secure objects to Eristrut channels



Part Number	Article Number	Hole Size	A	B	Screw Included	Screw Diameter	Screw Length
Material: Stainless Steel 316 (EN 1.4401)							
ZEA100S6	388710	11 mm	40 mm	40 mm	No		
Material: Steel – Finish: Hot-Dip Galvanized							
ZE100	313000	13 mm	40 mm	40 mm	Yes	M10	25 mm
ZEA100	387500	13 mm	40 mm	40 mm	No		

TWO HOLE FLAT BRACKET

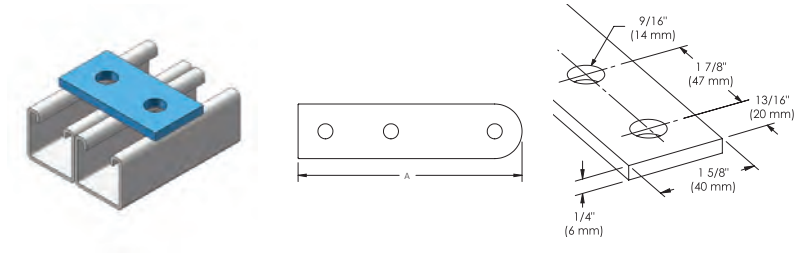


Part Number	Article Number	A	Screw Diameter	Screw Length	Screw Included
Material: Stainless Steel 316 (EN 1.4401)					
ZEA102S6	387522	83 mm			No
Material: Steel – Finish: Hot-Dip Galvanized					
ZE102	313020	83 mm	M10	25 mm	Yes
ZEA102	387520	83 mm			No

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

THREE HOLE FLAT ADJUSTABLE SWIVEL BRACKET



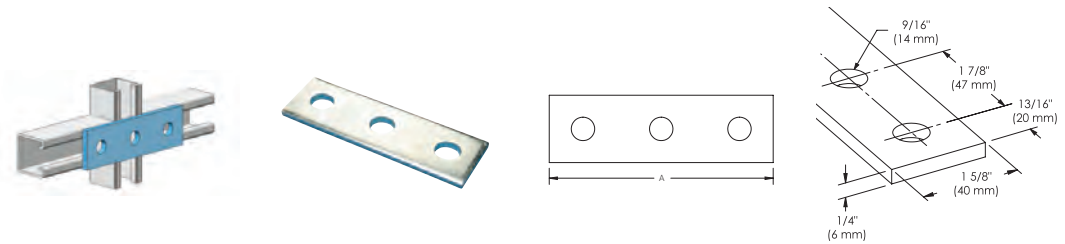
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A
ZEA106	387560	164 mm

THREE HOLE FLAT BRACKET

FEATURES

- Used to create metal frames with ERISTRUT channels



Part Number	Article Number	A
Material: Stainless Steel 316 (EN 1.4401)		
ZEA103S6	387532	136 mm
Material: Steel — Finish: Hot-Dip Galvanized		
ZEA103	387530	136 mm

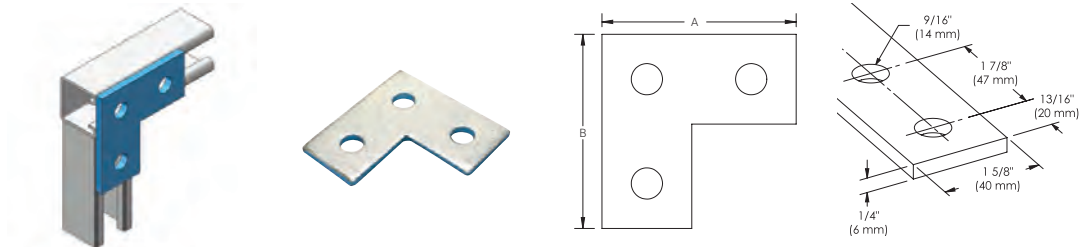
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

THREE HOLE FLAT CORNER BRACKET

FEATURES

- Used to create metal frames with Eristrut channels

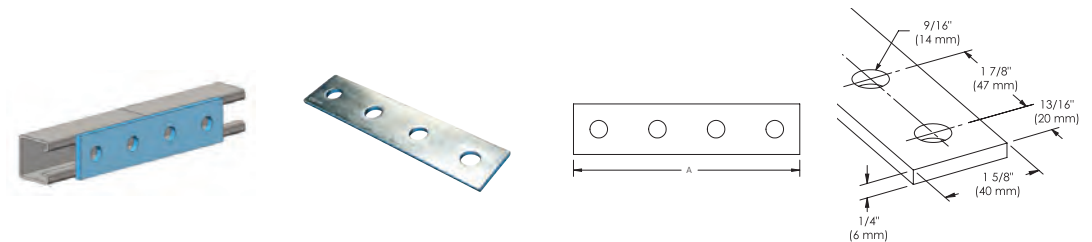


Part Number	Article Number	A	B	Screw Included	Screw Diameter	Screw Length
Material: Stainless Steel 316 (EN 1.4401)						
ZEA107S6	387572	85 mm	85 mm	No		
Material: Steel — Finish: Hot-Dip Galvanized						
ZE107	313070	85 mm	85 mm	Yes	M10	25 mm
ZEA107	387570	85 mm	85 mm	No		

FOUR HOLE FLAT BRACKET

FEATURES

- Used to create metal frames with Eristrut channels

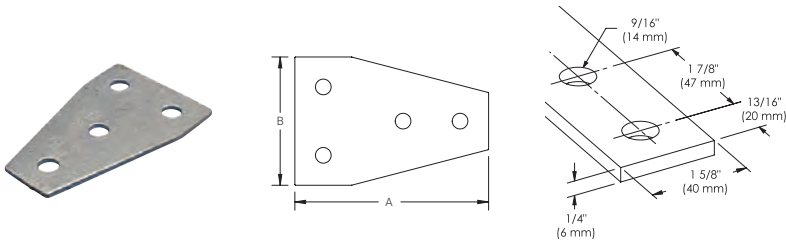


Part Number	Article Number	A	Screw Included	Screw Diameter	Screw Length
Material: Stainless Steel 316 (EN 1.4401)					
ZEA104S6	387542	168 mm	No		
Material: Steel — Finish: Hot-Dip Galvanized					
ZE104	313040	168 mm	Yes	M10	25 mm
ZEA104	387540	168 mm	No		

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

FOUR HOLE FLAT GUSSET TEE BRACKET



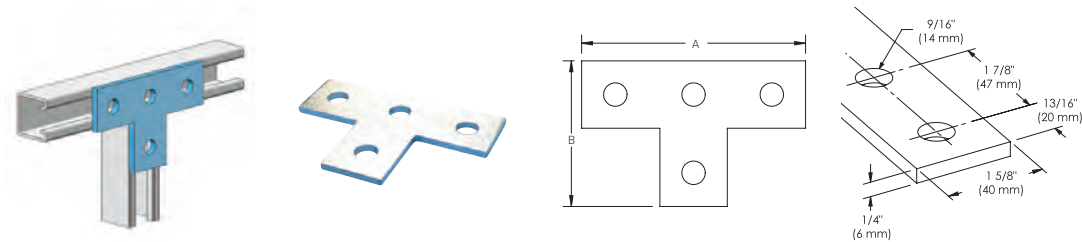
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZEA110	387450	132 mm	90 mm

FOUR HOLE FLAT TEE PLATE

FEATURES

- Used to create metal frames with Eristrut channels

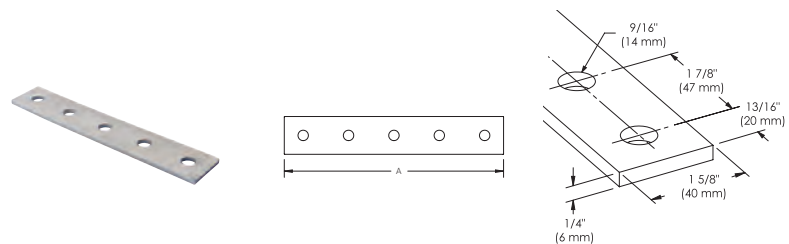


Part Number	Article Number	A	B	Screw Included	Screw Diameter	Screw Length
Material: Stainless Steel 316 (EN 1.4401)						
ZE108S6	388701	138 mm	90 mm	No		
Material: Steel — Finish: Hot-Dip Galvanized						
ZE108	313080	138 mm	90 mm	Yes	M10	25 mm
ZEA108	387580	138 mm	90 mm	No		

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

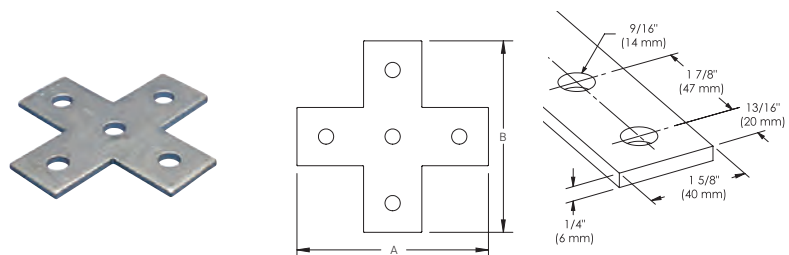
FIVE HOLE FLAT BRACKET



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A
ZEA105	387550	210 mm

FIVE HOLE FLAT CROSS BRACKET



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZEA109	387590	138 mm	138 mm

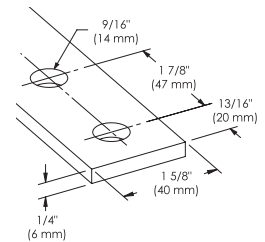
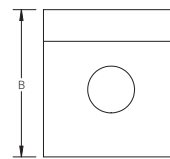
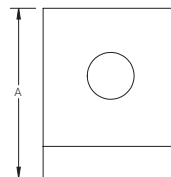
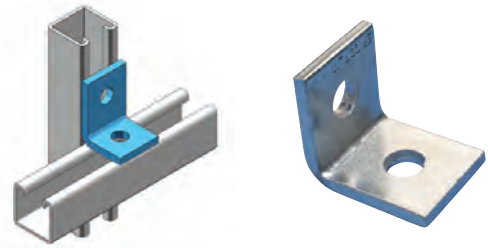
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

1-1 HOLE ANGLE BRACKET

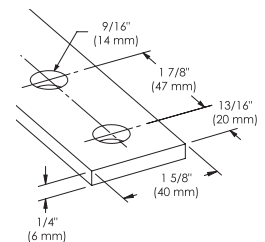
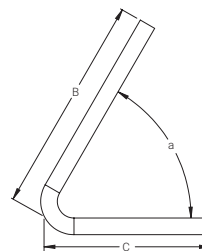
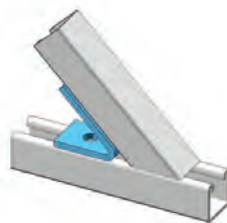
FEATURES

- Used to create metal frames with Eristrut channels



Part Number	Article Number	A	B	Screw Included	Screw Diameter	Screw Length
Material: Stainless Steel 316 (EN 1.4401)						
ZWA200S6	388670-	50 mm	48 mm	No		
Material: Steel – Finish: Hot-Dip Galvanized						
ZW200	313330	50 mm	48 mm	Yes	M10	25 mm
ZW201	313340	58 mm	42 mm	Yes	M10	25 mm
ZWA200	387600	50 mm	48 mm	No		
ZWA201	387610	58 mm	42 mm	No		

1-1 HOLE CLOSED CORNER ANGLE BRACKET



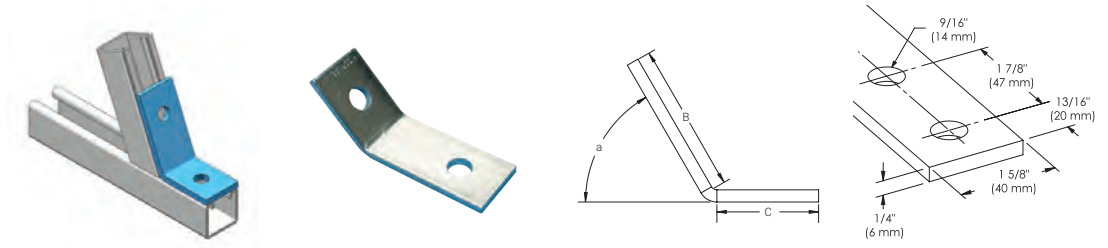
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	Angle	B	C	Screw Included	Screw Diameter	Screw Length
ZW219A45	313640	45°	100 mm	67 mm	Yes	M10	25 mm
ZWA219A45	387920	45°	100 mm	67 mm	No		

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

1-1 HOLE OPEN CORNER ANGLE BRACKET

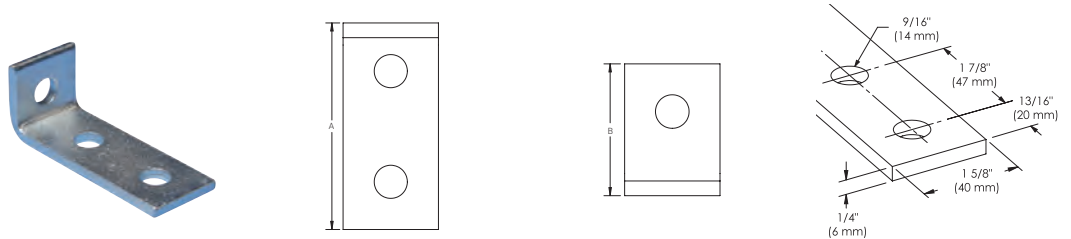


Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Angle	B	C
ZWA218A30	313540	30°	78 mm	53 mm
ZWA218A45	387850	45°	78 mm	53 mm

1-2 HOLE CORNER ANGLE BRACKET

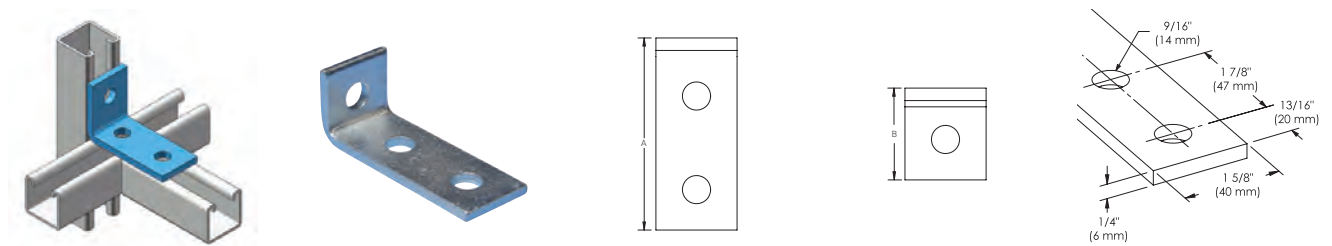


Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZWA203	387630	99 mm	47 mm
ZWA204	387640	89 mm	57 mm

1-2 HOLE CORNER SHORT ANGLE BRACKET

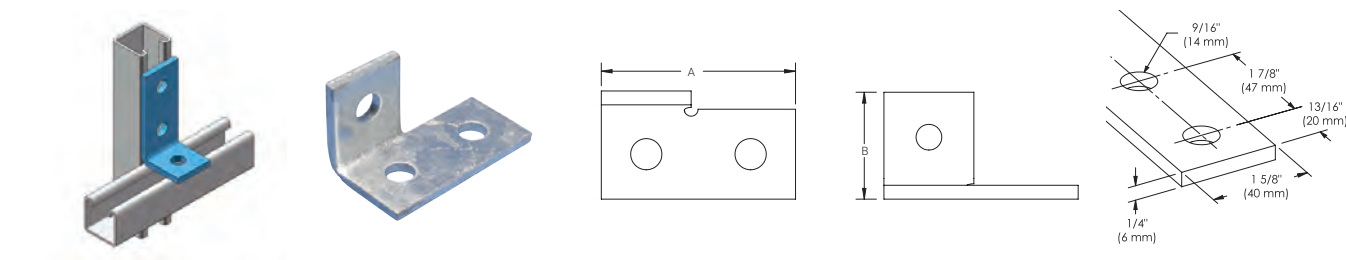


Part Number	Article Number	A	B	Screw Included	Screw Diameter	Screw Length
Material: Stainless Steel 316 (EN 1.4401)						
ZWA202S6	387625	103 mm	42 mm	No		
Material: Steel – Finish: Hot-Dip Galvanized						
ZW202	313350	103 mm	42 mm	Yes	M10	25 mm
ZWA202	387620	103 mm	42 mm	No		

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

1-2 HOLE OFFSET CORNER ANGLE BRACKET, LEFT

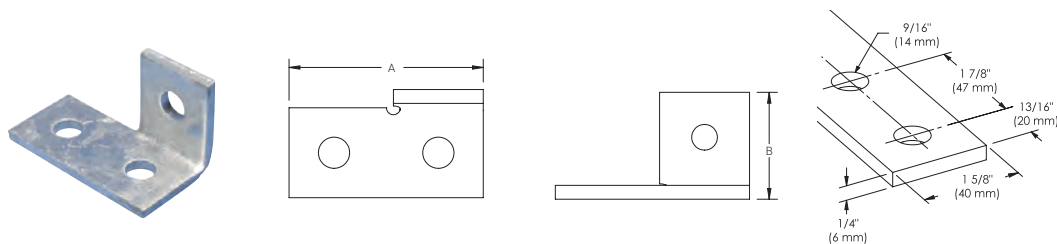


Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZWA217	387930	90 mm	50 mm

1-2 HOLE OFFSET CORNER ANGLE BRACKET, RIGHT

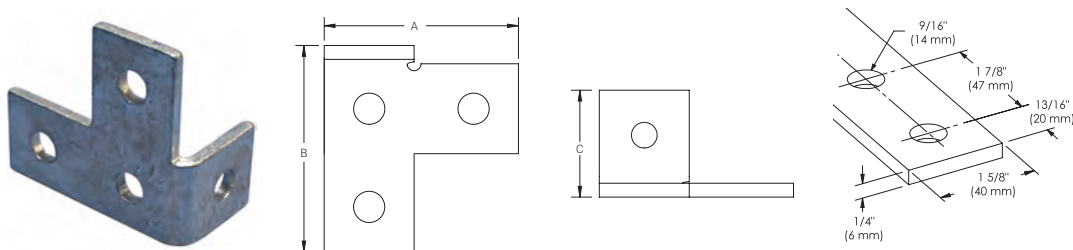


Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZWA216	387910	90 mm	50 mm

1-3 HOLE OFFSET CORNER ANGLE BRACKET, LEFT



Material: Steel

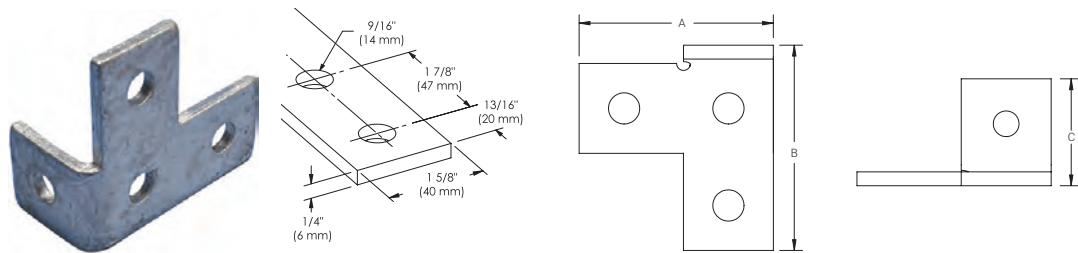
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C
ZWA215	387900	90 mm	95 mm	50 mm

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

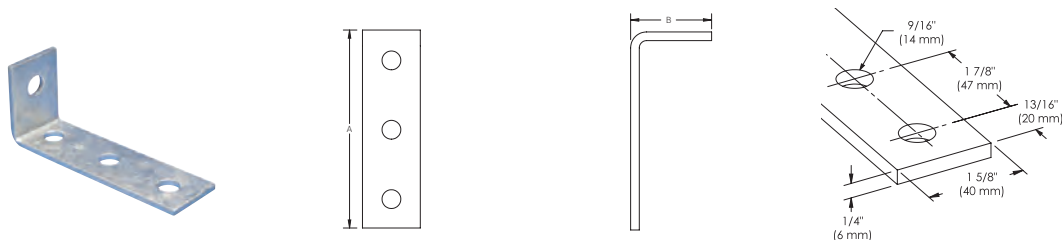
1-3 HOLE OFFSET CORNER ANGLE BRACKET, RIGHT



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C
ZWA214	387890	90 mm	95 mm	50 mm

1-3 HOLE CORNER ANGLE BRACKET



Material: Steel
Finish: Hot-Dip Galvanize

Part Number	Article Number	A	B
ZWA206	387660	132 mm	56 mm

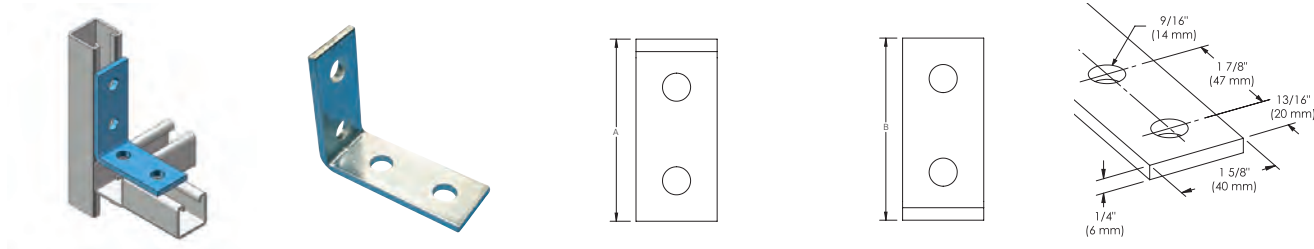
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

2-2 HOLE CORNER ANGLE BRACKET

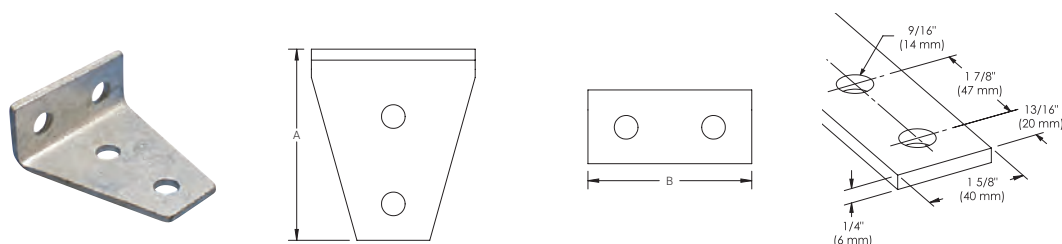
FEATURES

- Used to create metal frames with Eristrut channels



Part Number	Article Number	A	B	Screw Included	Screw Diameter	Screw Length
Material: Stainless Steel 316 (EN 1.4401)						
ZWA205S6	388761	102 mm	86 mm	No		
Material: Steel – Finish: Hot-Dip Galvanized						
ZW205	313380	102 mm	86 mm	Yes	M10	25 mm
ZWA205	387650	102 mm	86 mm	No		

2-2 HOLE CORNER 90° ANGLE BRACKET



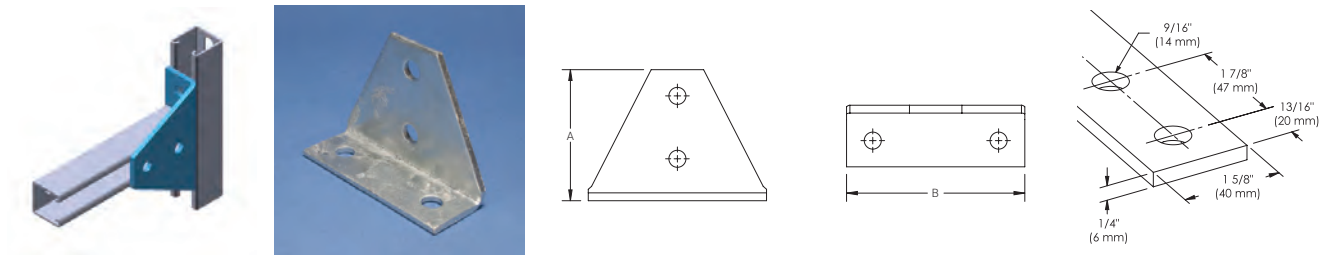
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZWA209	387690	105 mm	90 mm

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

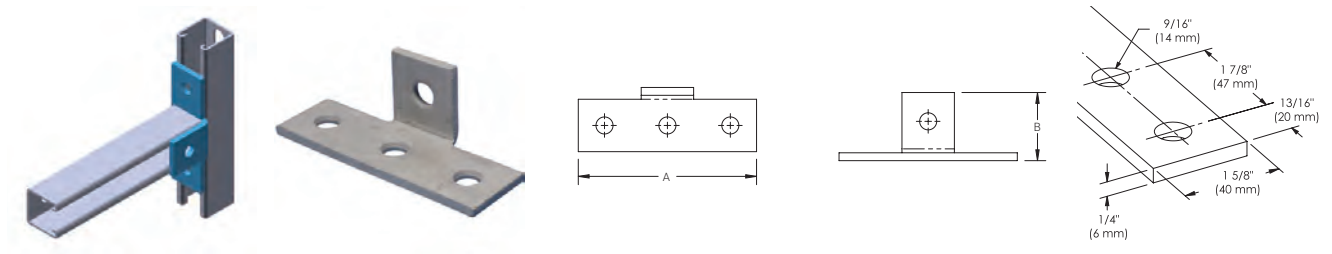
2-2 HOLE IN-LINE CORNER 90° ANGLE BRACKET



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZWA212	387870	100 mm	136 mm

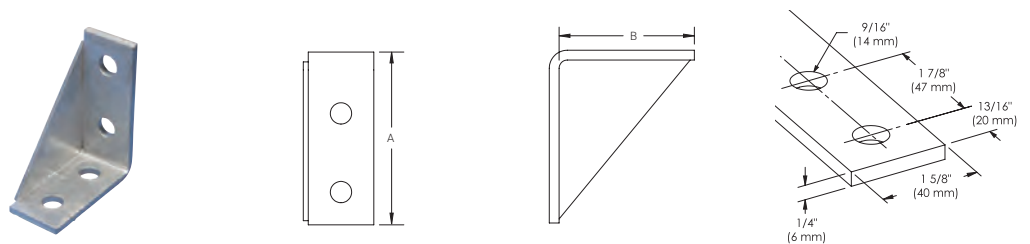
3-1 HOLE IN-LINE CORNER 90° ANGLE BRACKET



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZWA213	387880	136 mm	52 mm

2-2 HOLE CORNER GUSSET



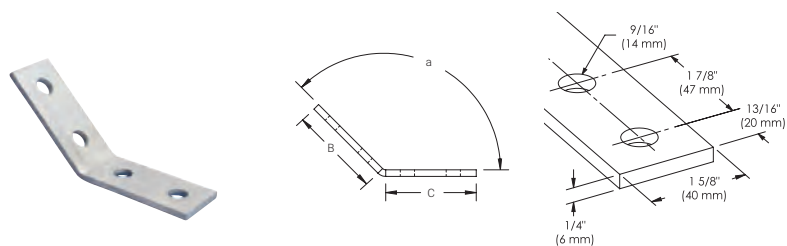
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	Screw Included	Screw Diameter	Screw Length
Orientation: Left Hand						
ZWA207L	387675	106 mm	89 mm	No		
Orientation: Right Hand						
ZW207	313400	106 mm	89 mm	Yes	M10	25 mm
ZWA207	387670	106 mm	89 mm	No		

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

2-2 HOLE OPEN CORNER ANGLE BRACKET

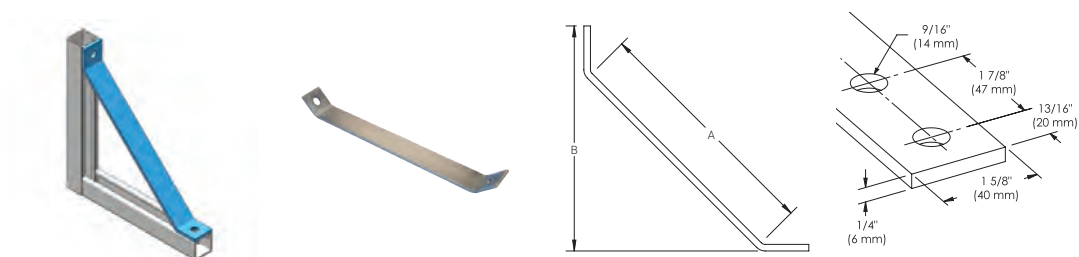


Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Angle	B	C	Screw Diameter	Screw Length	Screw Included
ZW220	313700	45°	87 mm	87 mm	M10	25 mm	Yes
ZWA220	387980	45°	87 mm	87 mm			No

2 HOLE 45° ANGLE BRACE

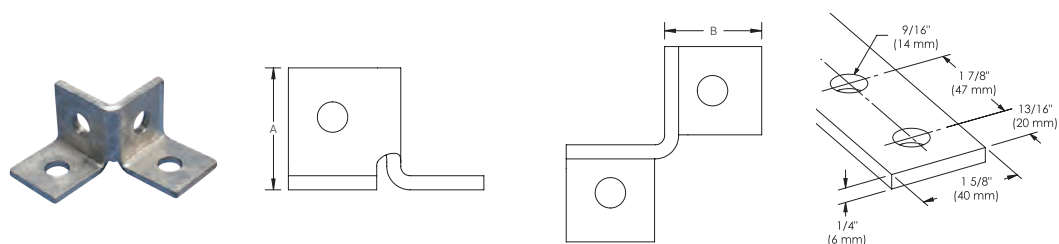


Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZWA223	311840	368 mm	300 mm
ZWA224	311841	218 mm	200 mm
ZWA225	311842	651 mm	500 mm

FOUR HOLE SPECIAL CORNER CONNECTOR, 3-WAY



Material: Steel

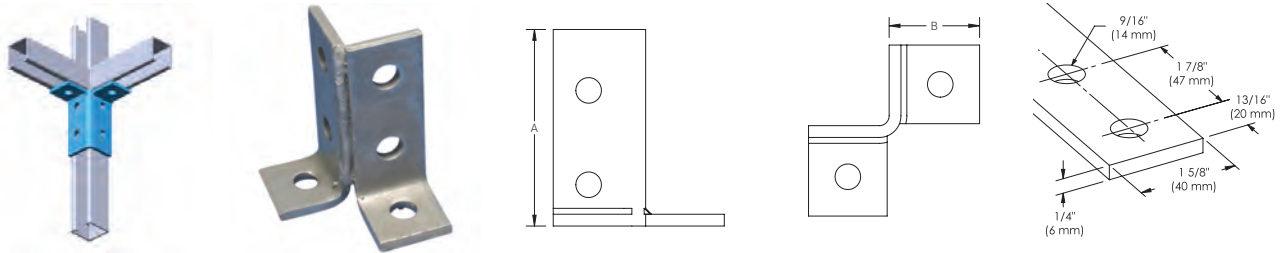
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZZA701	388400	50 mm	40 mm

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

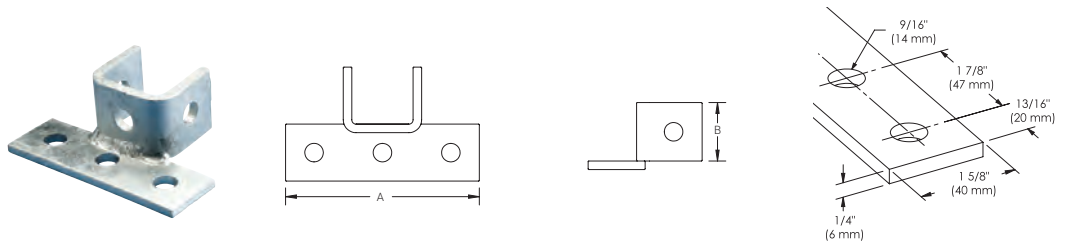
SIX HOLE SPECIAL CORNER CONNECTOR, 3-WAY



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZZA706	388422	100 mm	46 mm

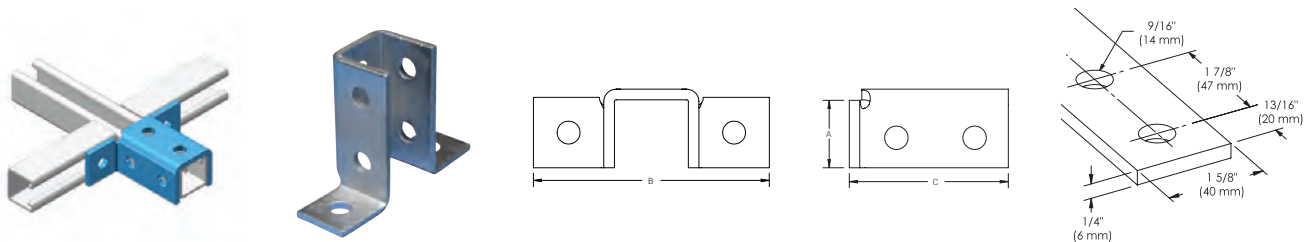
SIX HOLE DOUBLE CORNER CONNECTOR, 3-WAY



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZZA700	388390	138 mm	40 mm

EIGHT HOLE DOUBLE CORNER CONNECTOR, 3-WAY



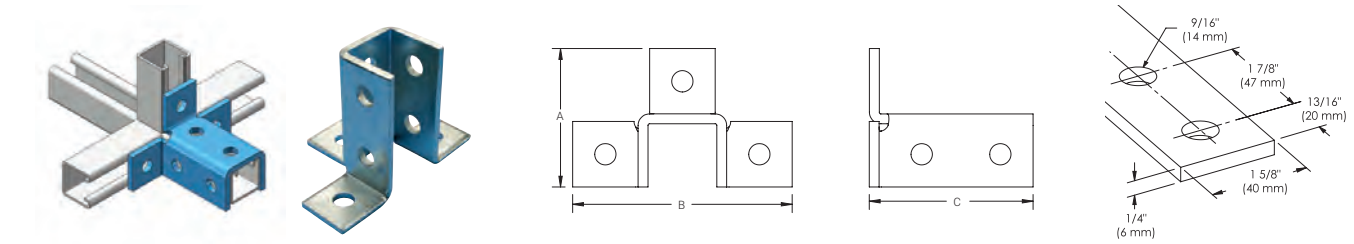
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C	Screw Included	Screw Diameter	Screw Length
ZZ702	313850	43 mm	140 mm	102 mm	Yes	M10	25 mm
ZZA702	387720	43 mm	140 mm	102 mm	No		

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

NINE HOLE CORNER CONNECTOR, 3-WAY



Material: Steel

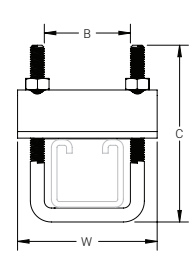
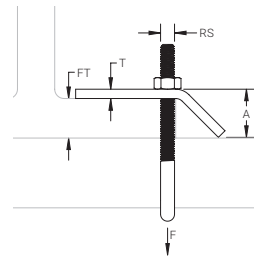
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C
ZZA705	388421	87 mm	134 mm	100 mm

STRUT BEAM CLAMP WITH U-BOLT

FEATURES

- Square U-bolt type beam clamp
- Complete with U-bolt and nuts
- Requires installation in pairs



Part Number	Article Number	Strut Type	Rod Size	Flange Thickness	Width	Thickness	A	B	C	Static Load
Material: Stainless Steel 316 (EN 1.4401)										
ZTA601S6	387710	A (41 x 41 mm), C (21 x 41 mm), CC (41 x 41 mm)	M10	18 mm Max	80 mm	6 mm	24 mm	45 mm	110 mm	5,000 N
Material: Steel — Finish: Hot-Dip Galvanized										
ZTA601HD	387701	A (41 x 41 mm), C (21 x 41 mm), CC (41 x 41 mm)	M10	18 mm Max	80 mm	6 mm	24 mm	45 mm	95 mm	5,000 N
ZTA602HD	388006	A (41 x 41 mm), AA (83 x 41 mm), D (62 x 41 mm), E (83 x 41 mm)	M10	18 mm Max	80 mm	6 mm	24 mm	45 mm	140 mm	5,000 N
ZTA603HD	388066	DD (124 x 41 mm)	M10	18 mm Max	80 mm	6 mm	24 mm	45 mm	180 mm	5,000 N
ZTA604HD	388076	EE (165 x 41 mm)	M10	18 mm Max	80 mm	6 mm	24 mm	45 mm	220 mm	5,000 N
Material: Steel — Finish: Hot-Dip Galvanized, Electrogalvanized										
ZTA601HDEG	387700	A (41 x 41 mm), C (21 x 41 mm), CC (41 x 41 mm)	M10	18 mm Max	80 mm	6 mm	24 mm	45 mm	95 mm	5,000 N
ZTA603HDEG	388065	DD (124 x 41 mm)	M10	18 mm Max	80 mm	6 mm	24 mm	45 mm	180 mm	5,000 N
ZTA604HDEG	388075	EE (165 x 41 mm)	M10	18 mm Max	80 mm	6 mm	24 mm	45 mm	220 mm	5,000 N

Static Load is based on one pair of Strut Beam Clamps.

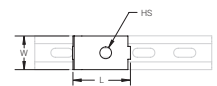
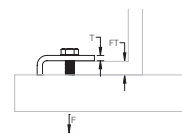
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT BEAM CLIP

FEATURES

- Beam Clip for clamping the open side of strut to a beam
- Suitable for all strut channels
- Requires installation in pairs
- Structural attachment to beams to support Eristrut



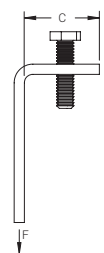
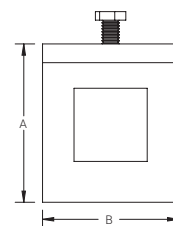
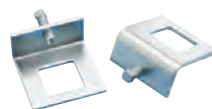
Part Number	Article Number	Flange Thickness	Hole Size	Length	Thickness	Width	Static Load	Screw Included
Material: Stainless Steel 316 (EN 1.4401)								
ZT605S6	314060	16 mm Max	13 mm	49 mm	6 mm	40 mm	2,040 N	Yes
ZTA605S6	387190	16 mm Max	13 mm	49 mm	6 mm	40 mm	2,040 N	No
Material: Steel – Finish: Hot-Dip Galvanized								
ZT605HD	313260	16 mm Max	13 mm	49 mm	6 mm	40 mm	2,040 N	Yes
ZTA605	388080	16 mm Max	13 mm	49 mm	6 mm	40 mm	2,040 N	No

Indicated loads are based on installation with 1/2" (M12) hardware and strut channel type A.

STRUT BEAM CLAMP WITH BOLT, WINDOW SHAPE

FEATURES

- Complete with bolt
- Requires installation in pairs



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Strut Type	A	B	C	Static Load
ZZ704HDEG	313870	A (41 x 41 mm)	101 mm	90 mm	45 mm	3,290 N

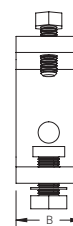
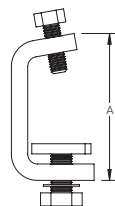
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

EXTERNAL SIDE STRUT BEAM CLAMP

FEATURES

- Wrap around version
- Complete with fixings

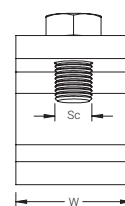
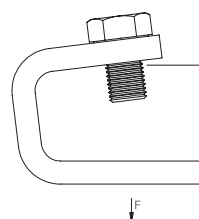


Part Number	Article Number	A	B
Material: Stainless Steel 316 (EN 1.4401)			
ZT607S6	313281	90 mm	40 mm
Material: Steel — Finish: Hot-Dip Galvanized			
ZT607	313280	90 mm	40 mm

INTERNAL STRUT BEAM CLAMP WITH BOLT

FEATURES

- U-shaped clip for clamping the back of strut channel to a beam
- Hex bolt included
- Requires installation in pairs



Part Number	Article Number	Flange Thickness	Width	Screw Diameter	Static Load
Material: Stainless Steel 316 (EN 1.4401)					
ZT606S6	313271	28 mm Max	30 mm	M10	2,900 N
Material: Steel — Finish: Hot-Dip Galvanized, Electrogalvanized					
ZT606HDEG	313270	28 mm Max	30 mm	M10	2,900 N

Static Load is based on one pair of Strut Beam Clamps. Include strut channel thickness when calculating flange thickness.

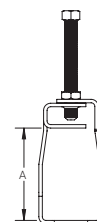
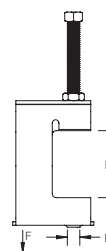
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

STRUT AND ROD BEAM CLAMP

FEATURES

- Multifunctional beam clamp suitable for strut channel or threaded rod
- Bolt included
- Requires installation in pairs



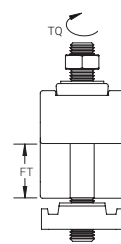
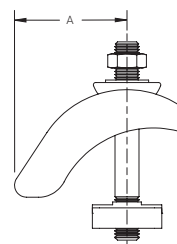
Material: Spring Steel
Finish: Armour

Part Number	Article Number	Strut Type	Rod Size	Flange Thickness	A	Static Load
STCB10M	181580	A (41 x 41 mm), CC (41 x 41 mm)	M10	50 mm Max	71 mm	1,350 N

HEAVY DUTY STRUT BEAM CLAMP

FEATURES

- Suitable for strut mounting



Part Number	Article Number	Flange Thickness	A	Torque
Material: Stainless Steel 304 (EN 1.4301)				
6120S4	330610	3 – 30 mm	50 – 60 mm	30 N-m
Material: Steel – Finish: Hot-Dip Galvanized				
6120HD	330600	3 – 30 mm	50 – 60 mm	30 N-m

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

INC8 INTERNAL STRUT BEAM CLAMP

FEATURES

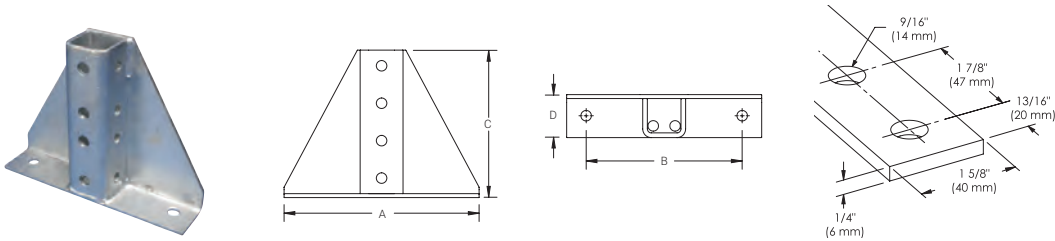
- Mounts strut within vertical beams

Material: Spring Steel
Finish: Armour



Part Number	Article Number	Strut Type	A	Torque	Static Load	Standard Packaging Quantity
INC8	336290	A (41 x 41 mm), C (21 x 41 mm)	13 mm	6 N-m	450 N	100 pc
INC8SP10	175900	A (41 x 41 mm), C (21 x 41 mm)	13 mm	6 N-m	450 N	10 x 10 pc

HIGH POST BASE FOR STRUT TYPE A WITH GUSSET



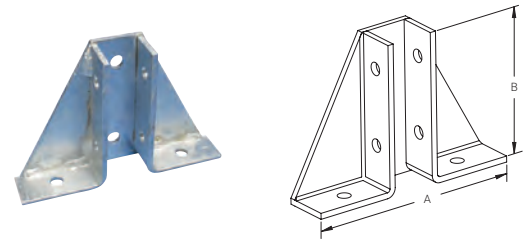
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C	D
ZGA509	313825	250 mm	200 mm	190 mm	55 mm

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

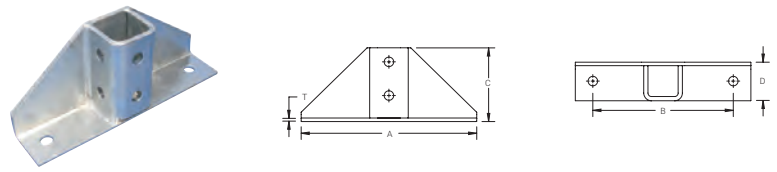
OPEN POST BASE FOR STRUT TYPE A WITH GUSSET



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	Strut Type	A	B
ZGA503	388370	A (41 x 41 mm)	216 mm	152 mm
ZGA504	388380	AA (83 x 41 mm)	256 mm	152 mm

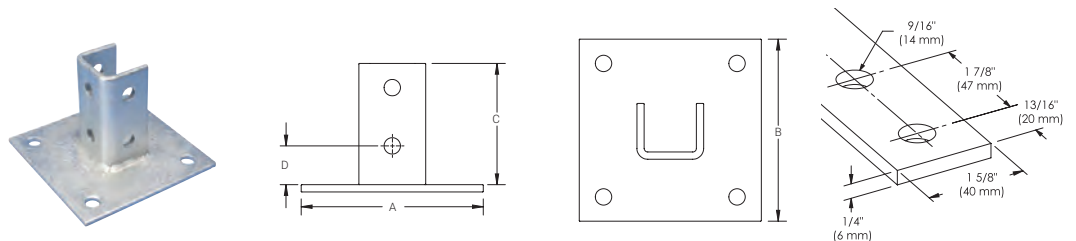
POST BASE FOR STRUT TYPE A WITH GUSSET



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C	D	Thickness
ZGA510	313826	250 mm	200 mm	106 mm	55 mm	5 mm

POST BASE FOR STRUT TYPE A



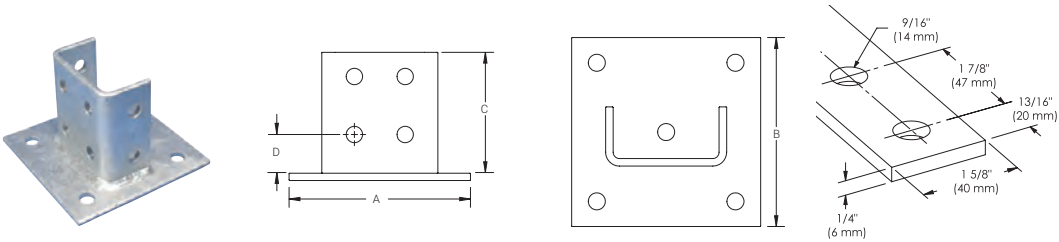
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C	D
ZGA506	313822	150 mm	150 mm	100 mm	32 mm

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

POST BASE FOR STRUT TYPE AA



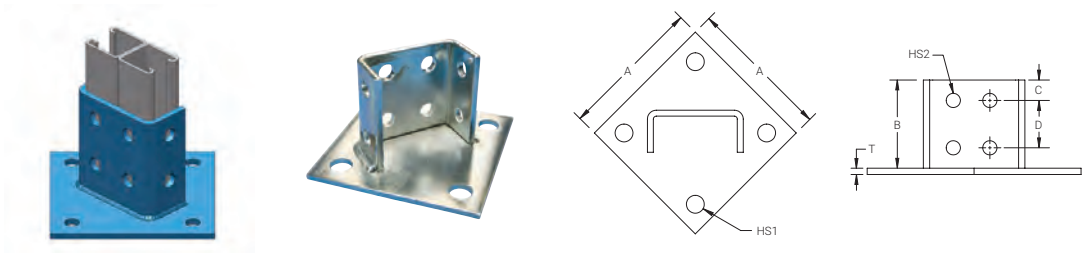
Material: Steel
 Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C	D
ZGA508	313824	150 mm	150 mm	100 mm	32 mm

45° POST BASE FOR STRUT TYPE AA

FEATURES

- Post base to create metal frames for attachment to Eristrut or Pyramid



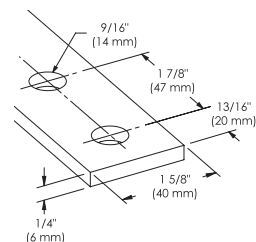
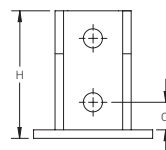
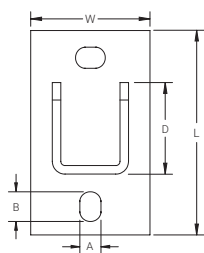
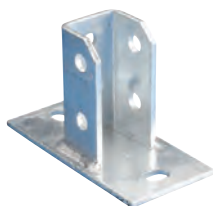
Material: Steel
 Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C	D	Thickness	Hole Size 1	Hole Size 2
ZGA507	313823	150 mm	100 mm	20 mm	48 mm	6 mm	13.5 mm	13.5 mm

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

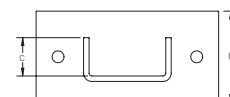
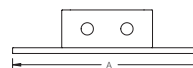
RECTANGULAR POST BASE PLATE



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Height	Length	Width	A	B	C	D
ZGA512	100 mm	160 mm	80 mm	14 mm	20 mm	32 mm	51 mm

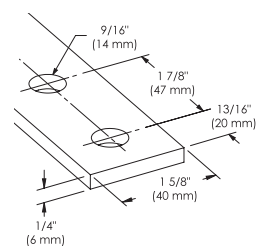
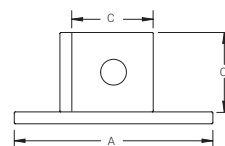
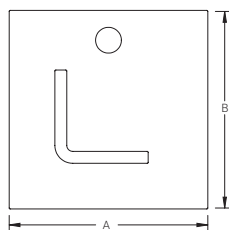
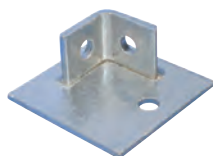
LOW POST BASE FOR STRUT TYPES AA/E



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	Strut Type	A	B	C
ZGA502	388360	AA (83 x 41 mm), E (83 x 41 mm)	200 mm	100 mm	40 mm

POST BASE PLATE, 1-1 HOLE ANGLE



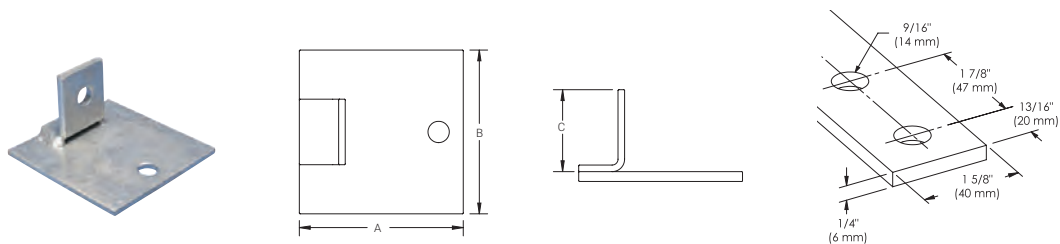
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C
ZGA501	388270	100 mm	100 mm	40 mm

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

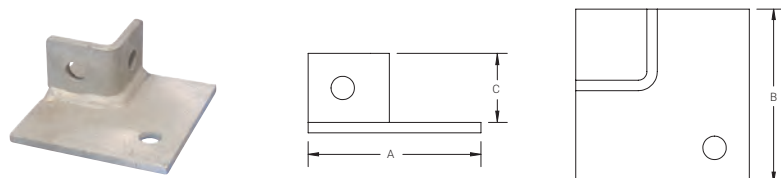
POST BASE PLATE, 1 HOLE ANGLE



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C
ZGA500	388120	100 mm	100 mm	50 mm

POST BASE PLATE, 1-1 HOLE ANGLE CORNER



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C
ZGA505	313821	100 mm	100 mm	40 mm

FOUR HOLE EXTERNAL COUPLER



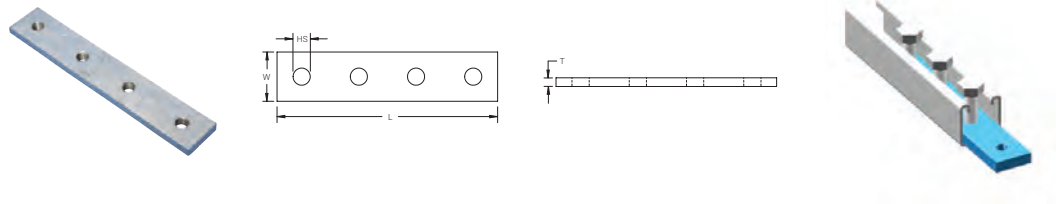
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	Strut Type	Hole Size	Thickness	A	B	C
ZUA406	387810	C (21 x 41 mm)	13 mm	6 mm	184 mm	20 mm	48 mm
ZUA407	387820	A (41 x 41 mm)	13 mm	6 mm	184 mm	20 mm	48 mm

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

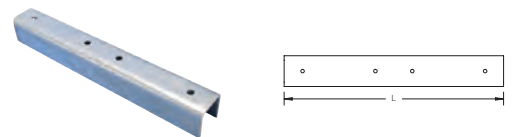
INTERNAL CHANNEL CONNECTOR



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	Hole Size	Length	Width	Thickness
ZUA408	387830	M12	203 mm	35 mm	10 mm

INTERNAL U-SHAPED COUPLER



Material: Steel

Part Number	Article Number	Strut Type	Length	Screw Included	Screw Diameter	Screw Length
Finish: Hot-Dip Galvanized						
ZUA404	387790	C (21 x 41 mm)	250 mm	No		
ZUA405	387800	A (41 x 41 mm)	250 mm	No		
Finish: Pregalvanized						
ZU404PG	387795	C (21 x 41 mm)	250 mm	Yes	M6	12 mm
ZU405PG	387805	A (41 x 41 mm)	250 mm	Yes	M6	12 mm

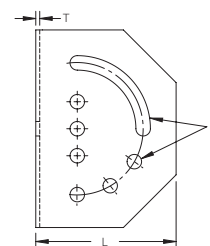
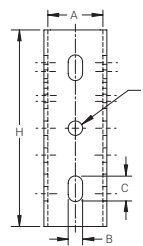
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

SWIVEL POST BASE BRACKET FOR STRUT TYPE A

FEATURES

- Suitable for sloped walls and ceilings
- Two bolts and nuts included



Material: Steel

Part Number	Article Number	Height	Length	Thickness	Diameter	A	B	C
Finish: Electrogalvanized								
SNAEG	311905	150 mm	106 mm	3 mm	11 mm	42 mm	11 mm	20 mm
Finish: Hot-Dip Galvanized								
SNAHD	311900	150 mm	106 mm	3 mm	11 mm	42 mm	11 mm	20 mm

SWIVEL ATTACHMENT FOR STRUT TYPE AS

FEATURES

- Loose swivel adapter for strut mounting



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number
6000HBHD	388350

2-2 HOLE ADJUSTABLE STRUT SWIVEL BRACKET

FEATURES

- Strut to strut applications for seismic bracing



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Hole Size	Strut Type
ZAA180	388901	14.3 mm	A (41 x 41 mm)

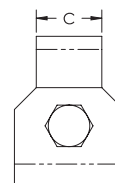
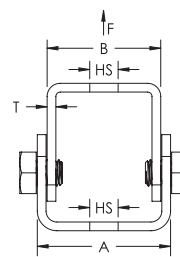
Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

1-1 HOLE SWIVEL BRACKET

FEATURES

- Threaded rod to strut applications for bracing and support
- Allows for angled installation of threaded rod or strut from walls or ceilings
- Swivel allows for adjustable angles up to 90°



Material: Steel

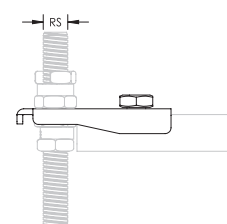
Finish: Hot-Dip Galvanized

Part Number	Article Number	Hole Size	A	B	C	Thickness	Static Load
ZRA180	388906	13 mm	61 mm	52 mm	30 mm	4 mm	4,000 N

STRUT TRAPEZE ATTACHMENT PLATE

FEATURES

- Creates fast install trapeze brackets
- Includes hex bolt and strut nut

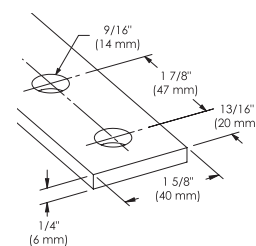
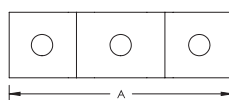


Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size
ISSP	190800	M6, M8, M10

U-SHAPED BRACKET FOR STRUT TYPE A



Material: Steel

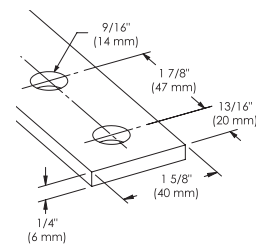
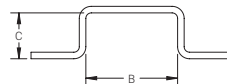
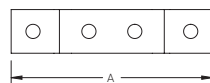
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C	Screw Included	Screw Diameter	Screw Length
ZU400	313120	136 mm	42 mm	41 mm	Yes	M10	25 mm
ZUA400	387750	136 mm	42 mm	41 mm	No		

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

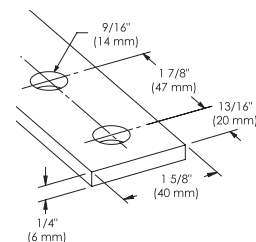
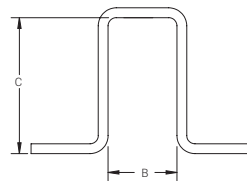
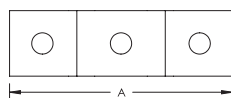
U-SHAPED BRACKET FOR STRUT TYPES AA/E



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C
ZUA402	387770	184 mm	84 mm	42 mm

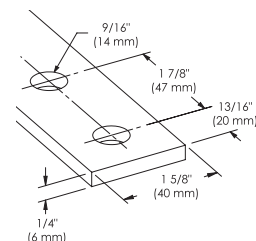
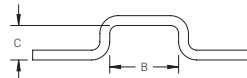
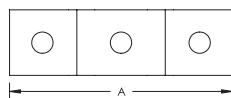
U-SHAPED BRACKET FOR STRUT TYPES AA/E, BACK-TO-BACK



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C
ZUA403	387780	136 mm	42 mm	83 mm

U-SHAPED BRACKET FOR STRUT TYPE C



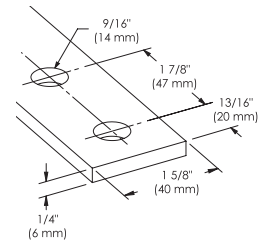
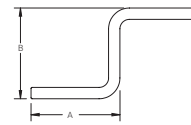
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B	C
ZUA401	387760	136 mm	42 mm	21 mm

Metal Framing

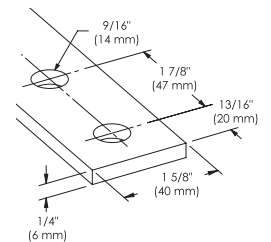
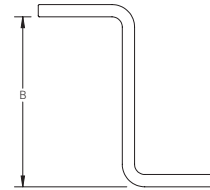
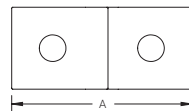
ERISTRUT STRUT CHANNEL SYSTEM

Z-SHAPED BRACKET FOR STRUT TYPE A



Part Number	Article Number	A	B
Material: Stainless Steel 316 (EN 1.4401)			
ZSA301S6	387742	48 mm	43 mm
Material: Steel — Finish: Hot-Dip Galvanized			
ZSA301	387740	48 mm	43 mm

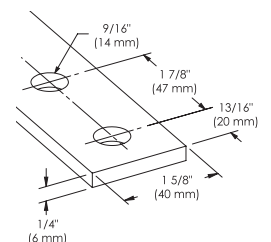
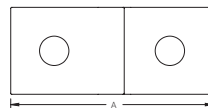
Z-SHAPED BRACKET FOR STRUT TYPE AA/E



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZSA302	387960	90 mm	84 mm

Z-SHAPED BRACKET FOR STRUT TYPE C



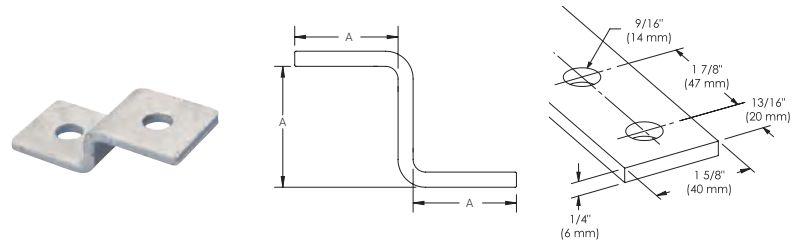
Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A	B
ZSA300	387730	90 mm	21 mm

Metal Framing

ERISTRUT STRUT CHANNEL SYSTEM

Z-SHAPED OFFSET BRACKET FOR STRUT TYPE A



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	A
ZSA303	387970	42 mm

ESC STRUT ATTACHMENT CLIP

FEATURES

- Attaches to open side of a strut channel
- Designed to accept Speed Link wire rope or hook



Material: Spring Steel
Finish: Armour

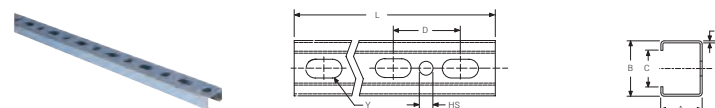
Part Number	Article Number	Flange Thickness	Hole Size	Hole Type	Static Load
ESC4	174560	10 mm	6.12 mm	Plain	670 N



C-CHANNEL TYPE E0L, PERFORATED

FEATURES

- Perforated, cold rolled



Material: Steel
Finish: Pregalvanized

Part Number	Article Number	Length	A	B	C	D	Y	Thickness	Hole Size
E0L13H2000PG	599996	1.98 m	18 mm	27 mm	15.5 mm	60 mm	8.5 x 20 mm	1.25 mm	10.5 mm

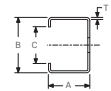
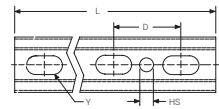
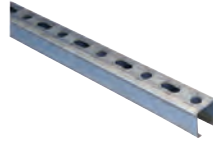
Metal Framing

C-CHANNEL SYSTEM

C-CHANNEL TYPE E0, PERFORATED

FEATURES

- Perforated, cold rolled



Material: Steel

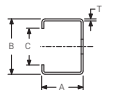
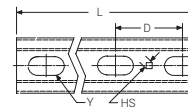
Finish: Pregalvanized

Part Number	Article Number	Length	A	B	C	D	Y	Thickness	Hole Size
E015H2000PG	599997	1.98 m	30 mm	27 mm	15.5 mm	60 mm	8.5 x 20 mm	1.5 mm	10.5 mm

C-CHANNEL TYPE E1, PERFORATED

FEATURES

- Perforated, cold rolled



Material: Steel

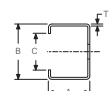
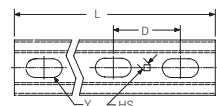
Finish: Pregalvanized

Part Number	Article Number	Length	A	B	C	D	Y	Thickness	Hole Size
E120H2000PG	585500	2 m	15 mm	30 mm	15.5 mm	50 mm	11 x 27 mm	2 mm	5 mm

C-CHANNEL TYPE E2, PERFORATED

FEATURES

- Perforated, cold rolled



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Length	A	B	C	D	Y	Thickness	Hole Size
E224H2000PG	585470	2 m	20 mm	34 mm	15.5 mm	50 mm	11 x 27 mm	2.4 mm	5 mm

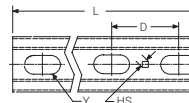
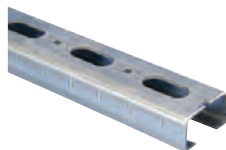
Metal Framing

C-CHANNEL SYSTEM

C-CHANNEL TYPE E2L, PERFORATED

FEATURES

- Perforated, cold rolled



Material: Steel

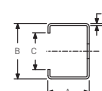
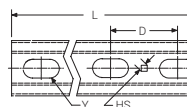
Finish: Pregalvanized

Part Number	Article Number	Length	A	B	C	D	Y	Thickness	Hole Size
E2L15H2000PG	585480	2 m	20 mm	34 mm	15.5 mm	50 mm	11 x 27 mm	1.5 mm	5 mm

C-CHANNEL TYPE E3, PERFORATED

FEATURES

- Perforated, cold rolled



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Length	A	B	C	D	Y	Thickness	Hole Size
E320H2000PG	585560	2 m	35 mm	35 mm	15.5 mm	50 mm	11 x 27 mm	2 mm	5 mm
E320H3000PG	585550	3 m	35 mm	35 mm	15.5 mm	50 mm	11 x 27 mm	2 mm	5 mm
E320H6000PG	585540	6 m	35 mm	35 mm	15.5 mm	50 mm	11 x 27 mm	2 mm	5 mm

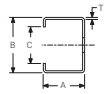
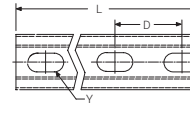
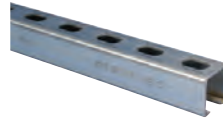
Metal Framing

C-CHANNEL SYSTEM

C-CHANNEL TYPE E4, PERFORATED

FEATURES

- Perforated, cold rolled

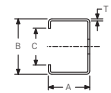
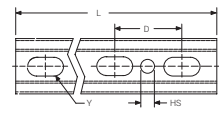


Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Length	A	B	C	D	Y	Thickness
E420H2000PG	599998	2 m	40 mm	38 mm	15.5 mm	50 mm	14 x 27 mm	2 mm
E420H3000PG	600000	3 m	40 mm	38 mm	15.5 mm	50 mm	14 x 27 mm	2 mm
E420H6000PG	599999	6 m	40 mm	38 mm	15.5 mm	50 mm	14 x 27 mm	2 mm

C-CHANNEL TYPE E5, PERFORATED

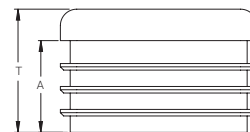
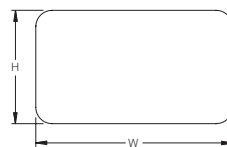


Part Number	Article Number	Length	A	B	C	D	Y	Thickness	Hole Size
Material: Stainless Steel 304 (EN 1.4301)									
E530H0300S4	335590	0.3 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	11 mm
E530H0400S4	335600	0.4 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	11 mm
E530H0500S4	335610	0.5 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	11 mm
E530H0600S4	335620	0.6 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	11 mm
E530H0800S4	335630	0.8 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	11 mm
E530H1000S4	335640	1.0 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	11 mm
E530H2000S4	335650	2.0 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	11 mm
E530H3000S4	335660	3.0 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	11 mm
E530H6000S4	335670	6.0 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	11 mm
Material: Steel — Finish: Hot-Dip Galvanized									
E530H0300HD	335500	0.3 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	14 mm
E530H0400HD	335510	0.4 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	14 mm
E530H0500HD	335520	0.5 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	14 mm
E530H0600HD	335530	0.6 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	14 mm
E530H0800HD	335540	0.8 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	14 mm
E530H1000HD	335550	1.0 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	14 mm
E530H2000HD	335560	2.0 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	14 mm
E530H3000HD	335570	3.0 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	14 mm
E530H6000HD	335580	6.0 m	20 mm	36 mm	14 mm	60 mm	11 x 20 mm	3 mm	14 mm

Metal Framing

C-CHANNEL SYSTEM

ADK PLASTIC END CAP FOR C-CHANNEL



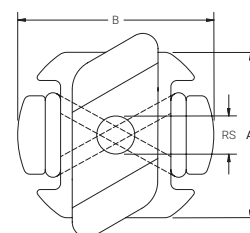
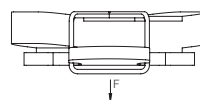
Material: Polyvinylchloride

Part Number	Article Number	Channel Type	Height	Width	Thickness	A
ADKE0	313302	E0	30 mm	30 mm	19.0 mm	14.2 mm
ADKE0L	313301	E0L	20 mm	30 mm	16.8 mm	11.8 mm
ADKE1	585380	E1	15 mm	30 mm	16.5 mm	11.5 mm
ADKE2	313304	E2L, E2	20 mm	35 mm	16.5 mm	11.5 mm
ADKE3	585400	E3	35 mm	35 mm	19.5 mm	14.5 mm
ADKE4	313303	E4	40 mm	40 mm	23.2 mm	17.8 mm

C-FIX NUT/WASHER

FEATURES

- C-Fix quick fit channel nut
- Suitable for C-Profiles 0-4



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Rod Size	A	B	Static Load
CFIXM10	584520	M10	27 mm	32 mm	300 N
CFIXM6	584500	M6	27 mm	32 mm	300 N
CFIXM8	584510	M8	27 mm	32 mm	300 N

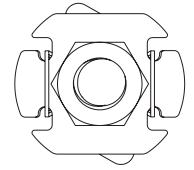
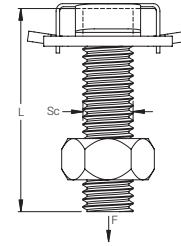
Metal Framing

C-CHANNEL SYSTEM

C-FIX M T-BOLT

FEATURES

- C-Fix quick fit T-bolt
- Suitable for C-Profiles 0-4



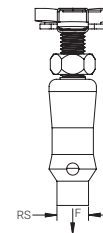
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length	Static Load
CFIXM10040	584560	M10	40 mm	300 N
CFIXM10060	584570	M10	60 mm	300 N
CFIXM10080	584640	M10	80 mm	300 N
CFIXM10100	584650	M10	100 mm	300 N
CFIXM8030	584530	M8	30 mm	300 N
CFIXM8040	584540	M8	40 mm	300 N
CFIXM8060	584550	M8	60 mm	300 N
CFIXM8080	584480	M8	80 mm	300 N
CFIXM8100	584490	M8	100 mm	300 N
CFIXM8120	584630	M8	120 mm	300 N
CFIXM8150	584580	M8	150 mm	300 N

C-FIX SW T-BOLT WITH SWIVEL

FEATURES

- C-Fix quick fit channel nut with pre mounted swivel
- Suitable for C-Profiles 0-4



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Static Load
CFIXM10SW	584658	M10	300 N
CFIXM8SW	584657	M8	300 N

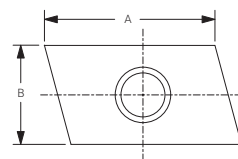
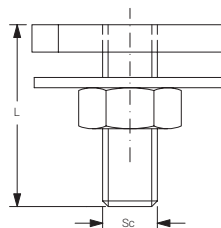
Metal Framing

C-CHANNEL SYSTEM

KP T-BOLT FOR C-CHANNEL E0/E0L/E1

FEATURES

- For use with C-Profiles
- Pre-mounted with large washer and nut



Channel Type: E0, E0L, E1

Material: Steel

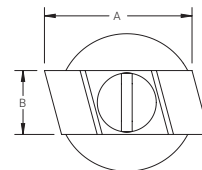
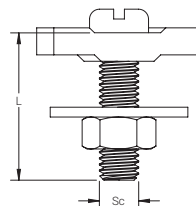
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length	A	B
KP2708020	590074	M8	20 mm	25 mm	14 mm
KP2708025	590075	M8	25 mm	25 mm	14 mm
KP2708030	590076	M8	30 mm	25 mm	14 mm
KP2708040	590077	M8	40 mm	25 mm	14 mm
KP2708050	590078	M8	50 mm	25 mm	14 mm
KP2708060	590079	M8	60 mm	25 mm	14 mm
KP2708080	590082	M8	80 mm	25 mm	14 mm
KP2708100	590083	M8	100 mm	25 mm	14 mm
KP2710030	590087	M10	30 mm	25 mm	14 mm
KP2710035	590088	M10	35 mm	25 mm	14 mm
KP2710050	590089	M10	50 mm	25 mm	14 mm

KP T-BOLT FOR C-CHANNEL E2/E2L/E3

FEATURES

- For use with C-Profiles
- Pre-mounted with large washer and nut



Channel Type: E2, E2L, E3

Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length	A	B
KP3408030	585050	M8	30 mm	29 mm	13 mm
KP3408040	585000	M8	40 mm	29 mm	13 mm
KP3408050	585060	M8	50 mm	29 mm	13 mm
KP3408060	585010	M8	60 mm	29 mm	13 mm
KP3410030	585020	M10	30 mm	29 mm	13 mm
KP3410040	585030	M10	40 mm	29 mm	13 mm
KP3410060	585040	M10	60 mm	29 mm	13 mm

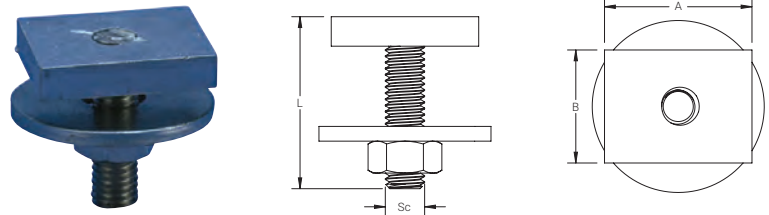
Metal Framing

C-CHANNEL SYSTEM

KP T-BOLT FOR C-CHANNEL E4

FEATURES

- For use with C-Profiles
- Pre-mounted with large washer and nut



Channel Type: E4

Material: Steel

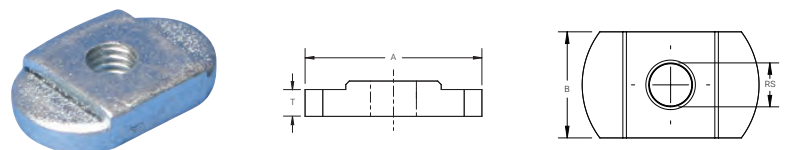
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter	Screw Length	A	B
KP3808025	590201	M8	25 mm	30 mm	23 mm
KP3808035	590200	M8	35 mm	30 mm	23 mm
KP3808040	590210	M8	40 mm	30 mm	23 mm
KP3808050	590202	M8	50 mm	30 mm	23 mm
KP3808080	590203	M8	80 mm	30 mm	23 mm
KP3808100	590204	M8	100 mm	30 mm	23 mm
KP3810035	590207	M10	35 mm	30 mm	23 mm
KP3810050	590330	M10	50 mm	30 mm	23 mm
KP3810080	590208	M10	80 mm	30 mm	23 mm

ECN UNIVERSAL NUT

FEATURES

- Universal channel nut for C-Profiles



Material: Steel

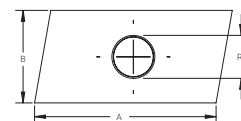
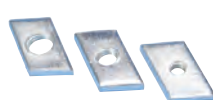
Finish: Electrogalvanized

Part Number	Article Number	Channel Type	Rod Size	Thickness	A	B
ECNUNI06	585430	E0, E1, E2, E2L, E3	M6	4 mm	24 mm	15 mm
ECNUNI08	585440	E0, E1, E2, E2L, E3	M8	4 mm	24 mm	15 mm
ECNUNI10	585450	E0, E1, E2, E2L, E3	M10	4 mm	24 mm	15 mm

Metal Framing

C-CHANNEL SYSTEM

ECN NUT FOR C-CHANNEL E0/E0L/E1

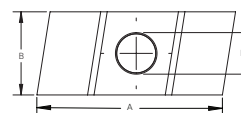
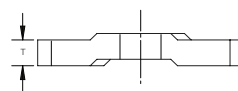
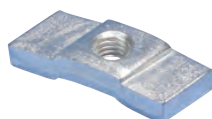


Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Channel Type	Rod Size	Thickness	A	B
E01CNM10	315350	E0, E0L, E1	M10	4 mm	23 mm	14 mm
E01CNM6	315370	E0, E0L, E1	M6	4 mm	23 mm	14 mm
E01CNM8	315340	E0, E0L, E1	M8	4 mm	23 mm	14 mm

ECN NUT FOR C-CHANNEL E2/E2L/E3

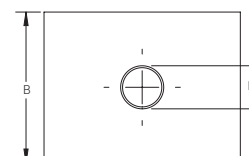
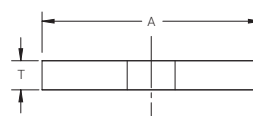


Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Channel Type	Rod Size	Thickness	A	B
E23CNM10	585270	E2, E2L, E3	M10	5 mm	29 mm	13 mm
E23CNM6	585250	E2, E2L, E3	M6	5 mm	29 mm	13 mm
E23CNM8	585260	E2, E2L, E3	M8	5 mm	29 mm	13 mm

ECN NUT FOR C-CHANNEL E4



Material: Steel

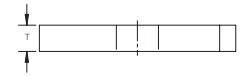
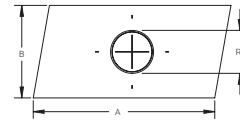
Finish: Electrogalvanized

Part Number	Article Number	Channel Type	Rod Size	Thickness	A	B
E4CNM10	315360	E4	M10	6 mm	30 mm	23 mm
E4CNM8	315330	E4	M8	6 mm	30 mm	23 mm

Metal Framing

C-CHANNEL SYSTEM

ECN NUT FOR C-CHANNEL E5

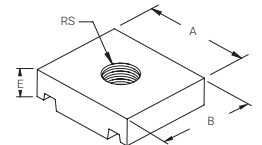


Part Number	Article Number	Rod Size	Thickness	A	B
Material: Stainless Steel 304 (EN 1.4301)					
E5CN10S4	335220	M10	5 mm	22 mm	13 mm
E5CN6S4	335200	M6	5 mm	22 mm	13 mm
E5CN8S4	335210	M8	5 mm	22 mm	13 mm
Material: Steel — Finish: Hot-Dip Galvanized					
E5CN10HD	335190	M10	6 mm	22 mm	13 mm
E5CN6HD	335170	M6	5 mm	22 mm	13 mm
E5CN8HD	335180	M8	6 mm	22 mm	13 mm

ECN SQUARE NUT FOR C-CHANNEL E5

FEATURES

- Heavy duty



Part Number	Article Number	Rod Size	A	B	E
Material: Stainless Steel 304 (EN 1.4301)					
5190S6	335160	M10	34 mm	29 mm	11 mm
Material: Steel — Finish: Hot-Dip Galvanized					
5190HD	335150	M10	34 mm	29 mm	11 mm

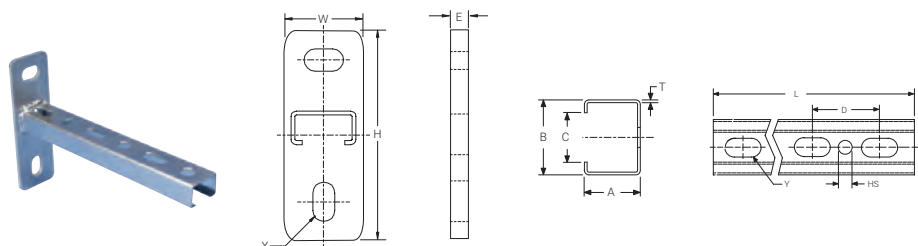
Metal Framing

C-CHANNEL SYSTEM

CANTILEVER ARM WITH E0L CHANNEL

FEATURES

- Perforated, cold rolled
- Slotted backplate



Material: Steel

Finish: Electrogalvanized

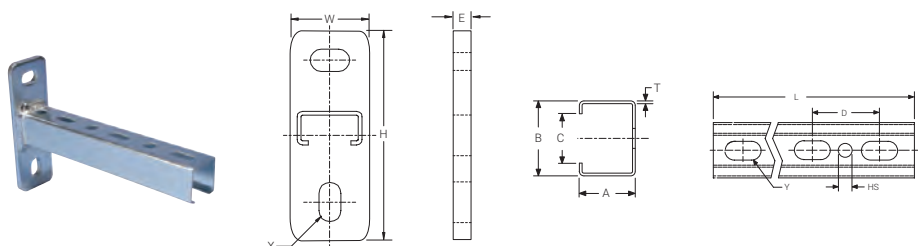
Part Number	Article Number	Length
CE0L13H0180EG	599879	180 mm
CE0L13H0300EG	599880	300 mm

Height	Width	Thickness	A	B	C
120 mm	40 mm	1.25 mm	18 mm	27 mm	15.5 mm

CANTILEVER ARM WITH E0 CHANNEL

FEATURES

- Perforated, cold rolled
- Slotted backplate



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Length
CE015H0180EG	599885	180 mm
CE015H0240EG	599890	240 mm
CE015H0300EG	599900	300 mm
CE015H0360EG	599905	360 mm
CE015H0420EG	599910	420 mm
CE015H0540EG	599920	540 mm
CE015H0660EG	599925	660 mm
CE015H0780EG	599930	780 mm

Height	Width	Thickness	A	B	C
120 mm	40 mm	1.5 mm	30 mm	27 mm	15.5 mm

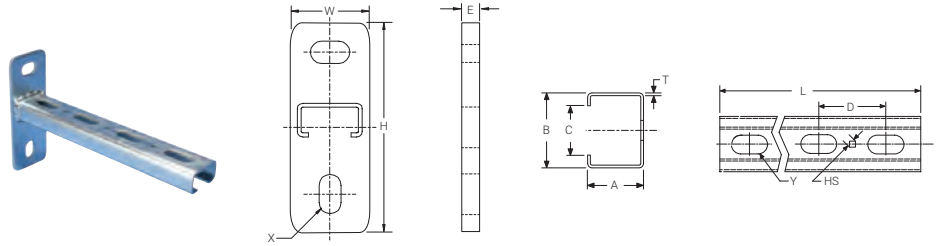
Metal Framing

C-CHANNEL SYSTEM

CANTILEVER ARM WITH E2 CHANNEL

FEATURES

- Perforated, cold rolled
- Slotted backplate



Material: Steel
Finish: Electrogalvanized

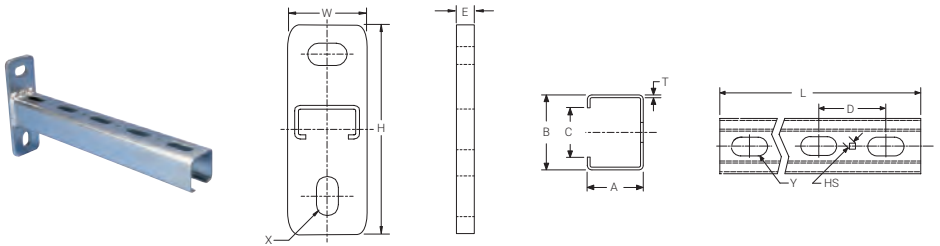
Part Number	Article Number	Length
CE224H0200EG	597500	200 mm
CE224H0300EG	597510	300 mm

Height	Width	Thickness	A	B	C
120 mm	40 mm	2.4 mm	20 mm	34 mm	15.5 mm

CANTILEVER ARM WITH E3 CHANNEL

FEATURES

- Perforated, cold rolled
- Slotted backplate



Material: Steel
Finish: Pregalvanized

Part Number	Article Number	Length
CE320H0250EG	585860	250 mm
CE320H0500EG	585870	500 mm
CE320H0750EG	585880	750 mm
CE320H1000EG	585890	1,000 mm

Height	Width	Thickness	A	B	C
120 mm	40 mm	2 mm	35 mm	35 mm	15.5 mm

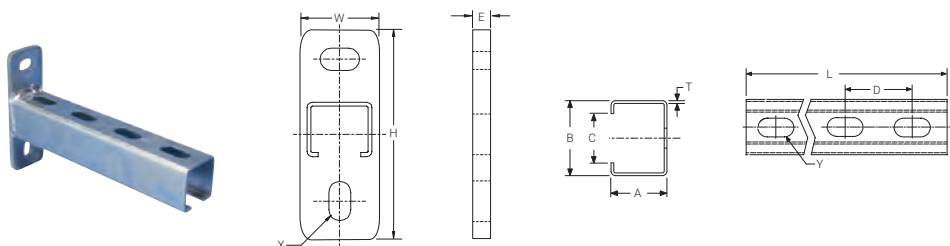
Metal Framing

C-CHANNEL SYSTEM

CANTILEVER ARM WITH E4 CHANNEL

FEATURES

- Perforated, cold rolled
- Slotted backplate



Material: Steel

Finish: Electrogalvanized

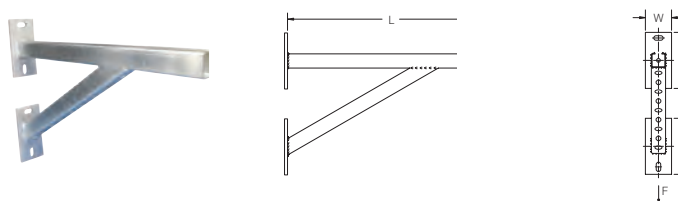
Part Number	Article Number	Length
CE420H0200EG	599935	200 mm
CE420H0250EG	599940	250 mm
CE420H0300EG	599950	300 mm
CE420H0350EG	599960	350 mm
CE420H0450EG	599970	450 mm
CE420H0550EG	599980	550 mm
CE420H0650EG	599990	650 mm
CE420H0800EG	599995	800 mm

Height	Width	Thickness	A	B	C
120 mm	40 mm	2 mm	40 mm	38 mm	15.5 mm

CANTILEVER ARM WITH E4 CHANNEL AND BRACE

FEATURES

- Slotted backplates



Material: Steel

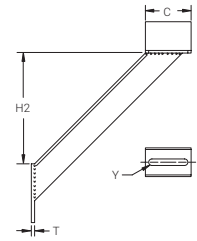
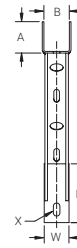
Finish: Electrogalvanized

Part Number	Article Number	Length	Width	A	B	Ultimate Static Load
CE4SCEG	400047	550 mm	70 mm	150 mm	80 mm	2,400 N

Metal Framing

C-CHANNEL SYSTEM

BRACE ARM FOR E4 CHANNEL



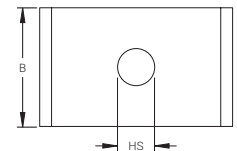
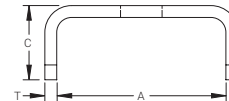
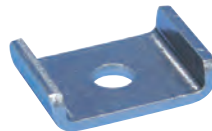
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Height 1	Height 2	Width	Thickness	A	B	C	X	Y
CE4SBEG	400046	90 mm	170 mm	38 mm	5 mm	48 mm	39 mm	70 mm	10 x 20 mm	10 x 60 mm

C-CHANNEL U-SHAPED WASHER

FEATURES

- U-shaped wrap around washer
- For use with C-Profiles



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	A	B	C	Thickness	Hole Size	Channel Type
PLNE008	588240	28 mm	30 mm	15.0 mm	2 mm	8.5 mm	E0, E0L
PLNE010	588250	28 mm	30 mm	15.0 mm	2 mm	10.5 mm	E0, E0L
PLNE1208	588260	31 mm	30 mm	13.5 mm	2 mm	8.5 mm	E0L, E0, E1
PLNE1210	588270	31 mm	30 mm	13.5 mm	2 mm	10.5 mm	E0L, E0, E1
PLNE3408	588280	39 mm	30 mm	17.5 mm	3 mm	8.5 mm	E2, E3, E4
PLNE3410	588285	39 mm	30 mm	17.5 mm	3 mm	10.5 mm	E2, E3, E4
PLUNI10	588290	35 mm	30 mm	10.0 mm	3 mm	10.5 mm	E1, E2, E2L

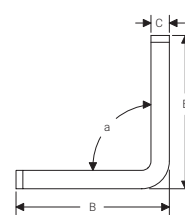
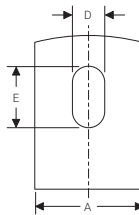
Metal Framing

C-CHANNEL SYSTEM

C-CHANNEL 1-1 SLOT ANGLE BRACKET

FEATURES

- Universally applicable for the construction of assembly systems



Material: Steel

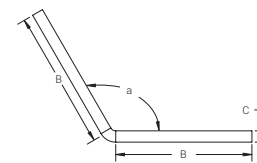
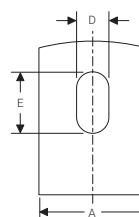
Finish: Electrogalvanized

Part Number	Article Number	Channel Type	Angle	A	B	C	D	E
EBS25A090	584660	E0, E0L, E1	90°	25 mm	45 mm	5 mm	10.5 mm	20 mm
EBS35A090	587530	E2, E2L, E3, E4	90°	35 mm	50 mm	6 mm	10.5 mm	20 mm

C-CHANNEL 1-1 SLOT OPEN CORNER ANGLE BRACKET

FEATURES

- Universally applicable for the construction of assembly systems



Material: Steel

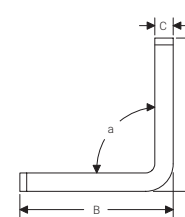
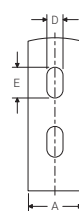
Finish: Electrogalvanized

Part Number	Article Number	Channel Type	Angle	A	B	C	D	E
EBS25A135	584662	E0, E0L, E1	135°	25 mm	45 mm	5 mm	10.5 mm	20 mm
EBS35A135	587500	E2, E2L, E3, E4	135°	35 mm	50 mm	6 mm	10.5 mm	20 mm

C-CHANNEL 2-2 SLOT ANGLE BRACKET

FEATURES

- Universally applicable for the construction of assembly systems



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Channel Type	Angle	A	B	C	D	E
EBL25A090	584666	E0, E0L, E1	90°	25 mm	85 mm	5 mm	10.5 mm	20 mm
EBL35A090	587510	E2, E2L, E3, E4	90°	35 mm	85 mm	6 mm	10.5 mm	20 mm

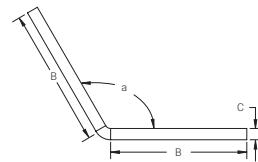
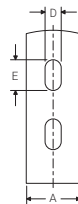
Metal Framing

C-CHANNEL SYSTEM

C-CHANNEL 2-2 SLOT OPEN CORNER ANGLE BRACKET

FEATURES

- Universally applicable for the construction of assembly systems



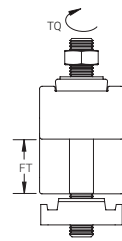
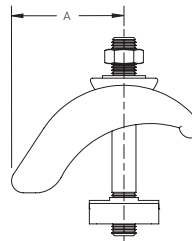
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Channel Type	Angle	A	B	C	D	E
EBL25A135	584668	E0, E0L, E1	135°	25 mm	85 mm	5 mm	10.5 mm	20 mm
EBL35A135	587520	E2, E2L, E3, E4	135°	35 mm	85 mm	6 mm	10.5 mm	20 mm

C-CHANNEL BEAM CLAMP

FEATURES

- C-Channel system



Part Number	Article Number	Channel Type	Flange Thickness	A	Torque
Material: Stainless Steel 304 (EN 1.4301)					
5120S4	335120	E5	3 – 30 mm	50 – 60 mm	30 N-m
Material: Steel – Finish: Hot-Dip Galvanized					
5120HD	335100	E5	3 – 30 mm	50 – 60 mm	30 N-m

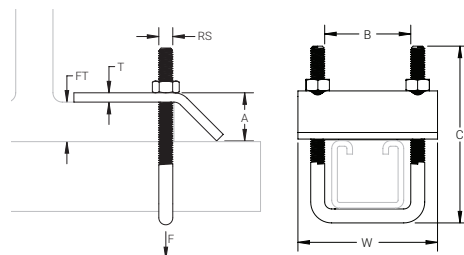
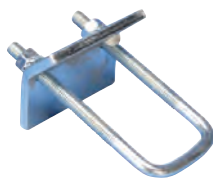
Metal Framing

C-CHANNEL SYSTEM

C-CHANNEL BEAM CLAMP WITH U-BOLT

FEATURES

- Beam clamp for C-Profiles
- Complete with plate, U-bolt and fixings



Material: Steel

Finish: Electrogalvanized

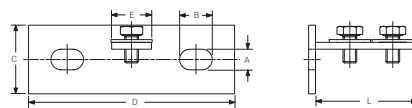
Part Number	Article Number	Channel Type	Rod Size	Flange Thickness	Width	Thickness	A	B	C	Static Load
BCE03	585120	E0L, E0, E1, E2L, E2	M6	16 mm Max	60 mm	4 mm	20 mm	36 mm	70 mm	1,250 N
BCE4	585110	E4, E5	M8	16 mm Max	70 mm	6 mm	24 mm	39 mm	100 mm	2,400 N

Static Load is dependent on channel type and length.

C-CHANNEL HORIZONTAL WALL BRACKET

FEATURES

- For use with C-Profiles
- Complete with fixings



Material: Steel

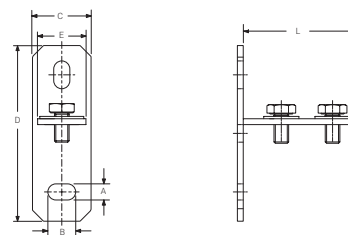
Finish: Electrogalvanized

Part Number	Article Number	Channel Type	Length	A	B	C	D	E
SHLGE03	584672	E0L, E0, E1, E2, E3	84 mm	11 mm	18 mm	40 mm	120 mm	24 mm
SHLGE4	584673	E4	80 mm	11 mm	19 mm	40 mm	120 mm	30 mm

C-CHANNEL VERTICAL WALL BRACKET

FEATURES

- For use with C-Profiles
- Complete with fixings



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Channel Type	Length	A	B	C	D	E
SHSGE03	584670	E0L, E0, E1, E2, E3	84 mm	11 mm	19 mm	40 mm	120 mm	24 mm
SHSGE4	584671	E4	84 mm	11 mm	18 mm	40 mm	120 mm	30 mm

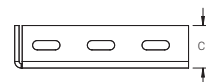
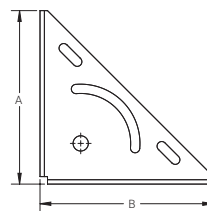
Metal Framing

C-CHANNEL SYSTEM

C-CHANNEL ADJUSTABLE CORNER BRACKET

FEATURES

- Corner bracket for use with C-Profile E4
- To be used with M8 fixings (not included)



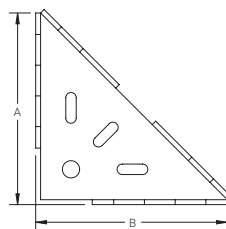
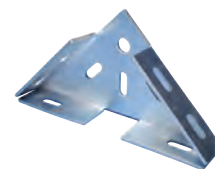
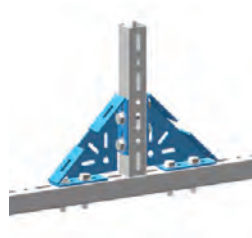
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Channel Type	A	B	C
MPE4	400916	E4	160 mm	160 mm	40 mm

C-CHANNEL CORNER BRACKET

FEATURES

- Corner bracket for use with C-Profile E4
- To be used with M8 fixings (not included)



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Channel Type	A	B	C
MTE4	400917	E4	160 mm	160 mm	40 mm

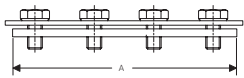
Metal Framing

C-CHANNEL SYSTEM

C-CHANNEL COUPLER

FEATURES

- For use with C-Profiles



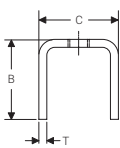
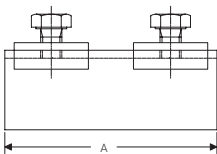
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Channel Type	A	B
RACE0	588720	E0, E1, E2, E0L, E2L	113 mm	23 mm
RACE4	588725	E3, E4	153 mm	30 mm

C-CHANNEL COUPLER, TYPE E3

FEATURES

- For use with C-Profiles
- Complete with fixings



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Channel Type	A	B	C	Thickness
RACE3	585780	E3	80 mm	30 mm	30 mm	3 mm

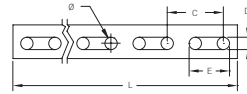
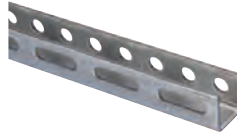
Metal Framing

C-CHANNEL SYSTEM

U-CHANNEL TYPE UC, PERFORATED

FEATURES

- Perforated/slotted design

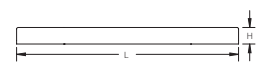
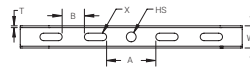


Part Number	Article Number	Length	A	B	C	D	E	Thickness	Diameter
Material: Stainless Steel 316 (EN 1.4401)									
UC202000S6	312210	2 m	30 mm	30 mm	50 mm	11 mm	36 mm	2 mm	11 mm
Material: Steel – Finish: Hot-Dip Galvanized									
UC302000HD	312220	2 m	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
Material: Steel – Finish: Pregalvanized									
UC202000PG	312200	2 m	30 mm	30 mm	50 mm	11 mm	36 mm	2 mm	11 mm
UC302000PG	312230	2 m	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm

2000 U-CHANNEL

FEATURES

- Light duty U-channel for use with 2000 series beam clamps



Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Length	Height	Width	Thickness	Hole Size	X	A	B
2001EG	570300	150 mm	12 mm	25 mm	2 mm	11 mm	8.5 x 25 mm	80.0 mm	
2002EG	570310	200 mm	12 mm	25 mm	2 mm	11 mm	8.5 x 25 mm	30.5 mm	25 mm
2003EG	570320	250 mm	12 mm	25 mm	2 mm	11 mm	8.5 x 25 mm	55.5 mm	25 mm
2004EG	570330	300 mm	12 mm	25 mm	2 mm	11 mm	8.5 x 25 mm	30.5 mm	25 mm
2005EG	570340	350 mm	12 mm	25 mm	2 mm	11 mm	8.5 x 25 mm	55.5 mm	25 mm
2006EG	570350	400 mm	12 mm	25 mm	2 mm	11 mm	8.5 x 25 mm	30.5 mm	25 mm

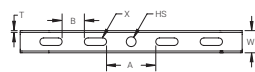
Metal Framing

U-CHANNEL SYSTEM

3000 U-CHANNEL

FEATURES

- Medium duty U-channel for use with 3000 series beam clamps



Material: Steel

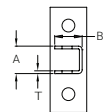
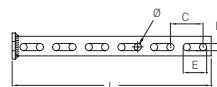
Finish: Electrogalvanized

Part Number	Article Number	Length	Height	Width	Thickness	Hole Size	X	A	B
3001EG	570560	300 mm	15 mm	30 mm	2.5 mm	13 mm	10.5 x 25 mm	31.5 mm	25 mm
3002EG	570570	400 mm	15 mm	30 mm	2.5 mm	13 mm	10.5 x 25 mm	31.5 mm	25 mm
3003EG	570580	500 mm	15 mm	30 mm	2.5 mm	13 mm	10.5 x 25 mm	31.5 mm	25 mm
3004EG	570590	600 mm	15 mm	30 mm	2.5 mm	13 mm	10.5 x 25 mm	31.5 mm	25 mm

U-CHANNEL CANTILEVER ARM, PERFORATED

FEATURES

- U-Profile cantilever arm
- Perforated/slotted design



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Length	A	B	C	D	E	Thickness	Diameter
CUC0150HD	312040	150 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUC0200HD	312060	200 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUC0250HD	312020	250 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUC0300HD	312030	300 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUC0400HD	312050	400 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUC0500HD	312070	500 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUC0600HD	312080	600 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm

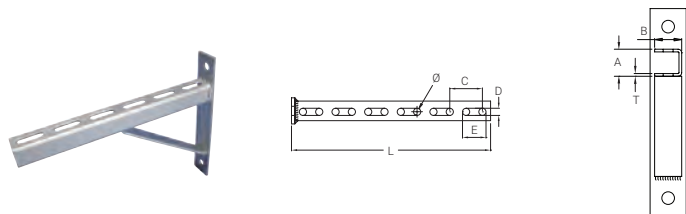
Metal Framing

U-CHANNEL SYSTEM

U-CHANNEL CANTILEVER ARM, PERFORATED WITH BRACE

FEATURES

- U-Profile cantilever arm with brace
- Perforated/slotted design



Material: Steel

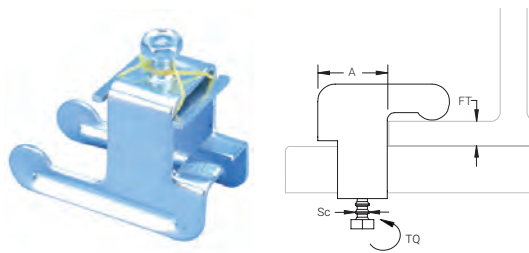
Finish: Hot-Dip Galvanized

Part Number	Article Number	Length	A	B	C	D	E	Thickness	Diameter
CUCS0250HD	312110	250 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUCS0300HD	312120	300 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUCS0400HD	312140	400 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUCS0500HD	312160	500 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUCS0600HD	312170	600 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUCS0800HD	312180	800 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUCS1000HD	312190	1,000 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm
CUCS1300HD	312195	1,300 mm	30 mm	30 mm	50 mm	11 mm	36 mm	3 mm	11 mm

2000 U-CHANNEL BEAM CLAMP

FEATURES

- For use with 2000 series U-channels
- Requires installation in pairs



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	A	Screw Diameter	Torque
2025EG	570240	11 mm Max	25 mm	M6	30 N-m

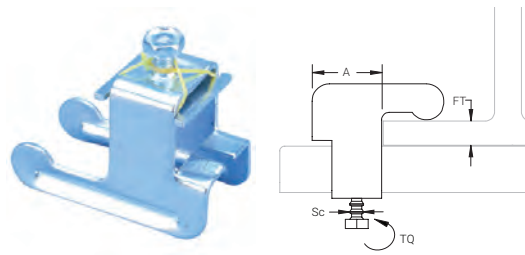
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U-CHANNEL SYSTEM

3000 U-CHANNEL BEAM CLAMP

FEATURES

- For use with 3000 series U-channels
- Requires installation in pairs



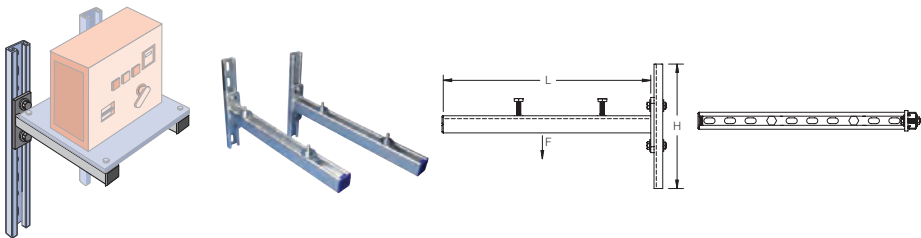
Material: Steel
Finish: Electrogalvanized

Part Number	Article Number	Flange Thickness	A	Screw Diameter	Torque
3025EG	570500	15 mm Max	40 mm	M8	30 N·m

UNIVERSAL SUPPORT KIT

FEATURES

- Kit of two strut cantilever brackets, two channels and all fixings (excluding fixings to structure)



Material: Steel
Finish: Hot-Dip Galvanized

Part Number	Article Number	Length	Height	Static Load
KIT450	590000	450 mm	300 mm	1,000 N
KIT600	590010	600 mm	300 mm	730 N

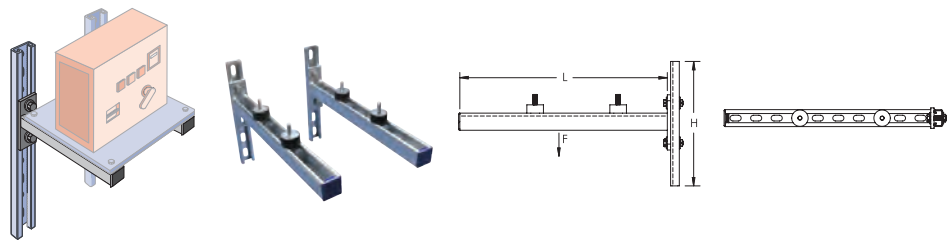
Metal Framing

SUPPORT KITS

UNIVERSAL SUPPORT KIT WITH SOUND INSULATORS

FEATURES

- Kit of two strut cantilever brackets, two channels and all fixings (excluding fixings to structure)
- Includes sound absorbers (suitable for compression only)



Material: Steel

Finish: Hot-Dip Galvanized

Part Number	Article Number	Length	Height	Static Load
KIT450ISO	589980	450 mm	300 mm	1,000 N
KIT600ISO	589990	600 mm	300 mm	730 N

GAS METER SUPPORT KIT

FEATURES

- Kit of two cantilever brackets, pipe clamps and all fixings
- Suitable for common gas meter installation
- Includes stone/concrete nylon plugs



Material: Steel

Finish: Electrogalvanized

Part Number	Article Number
KITUGAS	400566

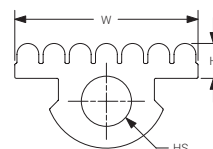
Metal Framing

SOUND INSULATION

RUBBER PROFILE FOR STRUT CHANNEL

FEATURES

- EPDM insulation profile to prevent contact between support and ventilation duct
- Suitable for strut
- Can be used with threaded rods up to M10



Material: EPDM-SBR Rubber

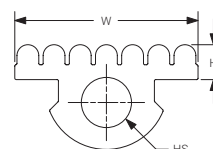
Temperature: -50 to 110 °C

Part Number	Article Number	Length	Height	Width	Hole Size
ISOSTRUT	335980	20 m	8 mm	42 mm	11 mm

RUBBER PROFILE FOR C-CHANNEL E0-E4

FEATURES

- EPDM insulation profile to prevent contact between support and ventilation duct
- For use with C-Profiles
- Can be used with threaded rods up to M10



Material: EPDM-SBR Rubber

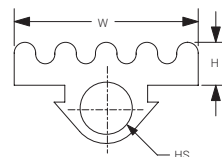
Temperature: -50 to 110 °C

Part Number	Article Number	Channel Type	Length	Height	Width	Hole Size
ISOE01	400914	E0, E0L, E1	30 m	6 mm	27.5 mm	9 mm
ISOE4	400915	E2, E2L, E3, E4	30 m	6 mm	36.0 mm	11 mm

RUBBER PROFILE FOR C-CHANNEL E5

FEATURES

- Suitable for C-Channel
- Can be used with threaded rods up to M10



Material: EPDM-SBR Rubber

Temperature: -50 to 110 °C

Part Number	Article Number	Length	Height	Width	Hole Size
ISOE5	335990	20 m	7 mm	30.5 mm	11 mm

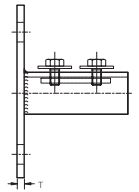
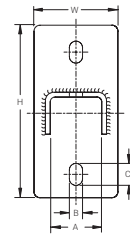
Metal Framing

WALL BRACKETS

APX EXTERNAL VERTICAL WALL BRACKET

FEATURES

- Saddle support for C-Profiles and strut
- Complete with fixings

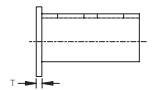
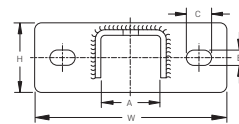


Part Number	Article Number	Channel Type	Strut Type	Height	Width	Thickness	A	B	C
Material: Stainless Steel 316 (EN 1.4401)									
APXSTRUTS6	584820		A (41 x 41 mm), C (21 x 41 mm)	144 mm	70 mm	6 mm	43 mm	12 mm	19 mm
Material: Steel – Finish: Electrogalvanized									
APXE01EG	584715	E0L, E0, E1		114 mm	50 mm	5 mm	31 mm	12 mm	19 mm
APXE23EG	584710	E2L, E2, E3		114 mm	50 mm	5 mm	36 mm	12 mm	19 mm
APXE4STRUTEG	584725	E4	A (41 x 41 mm), C (21 x 41 mm)	144 mm	70 mm	5 mm	43 mm	12 mm	19 mm

APY EXTERNAL HORIZONTAL WALL BRACKET

FEATURES

- Side mount saddle support for C-Profiles and strut
- Complete with fixings



Part Number	Article Number	Channel Type	Strut Type	Height	Width	Thickness	A	B	C
Material: Stainless Steel 316 (EN 1.4401)									
APYSTRUTS6	584840		A (41 x 41 mm) C (21 x 41 mm)	50 mm	144 mm	5 mm	43 mm	12 mm	19 mm
Material: Steel – Finish: Electrogalvanized									
APYE01EG	584758	E0L, E0, E1		40 mm	124 mm	5 mm	31 mm	12 mm	19 mm
APYE23EG	584740	E2L, E2, E3		40 mm	124 mm	5 mm	36 mm	12 mm	19 mm
APYE4STRUTEG	584751	E4	A (41 x 41 mm) C (21 x 41 mm)	50 mm	144 mm	5 mm	43 mm	12 mm	19 mm

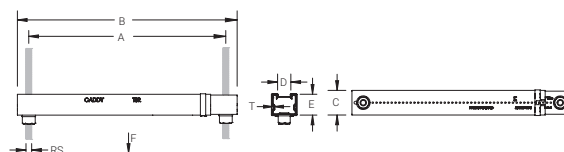
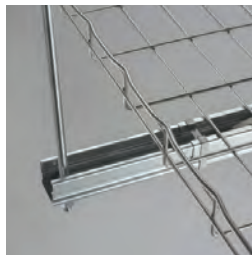
Metal Framing

TELESCOPING SUPPORT BRACKETS

TELESCOPING STRUT REPLACEMENT

FEATURES

- Captive threaded nuts enable fastening to threaded rod supports without loose parts
- Telescopes to the desired length and is locked in place by snapping closed a spring retainer clip
- Standard strut profile runs the entire length of the part, allowing most standard fittings to be placed anywhere between the rods
- Integrated ruler displays space between hanger rods in inches and centimeters
- Supports up to six 2" (50 DN) conduits, six 2" (50 DN) water filled pipes at 10' (3 m) spacing, or up to 18" (450 mm) cable tray
- Conduit can be supported on the top and bottom, eliminating the need for double sided strut
- Conduit and pipe can be placed directly on the strut profile, saving vertical space in buildings with limited room for installation



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Rod Size	Thickness T	A	B	C	D	E	Static Load 1 F1	Static Load 2 F2
TSR3050M10	366592	M10	1 mm	300 – 500 mm	356 – 546 mm	41 mm	22.2 mm	35 mm	1,330 N	880 N
TSR3050M8	366591	M8	1 mm	300 – 500 mm	356 – 546 mm	41 mm	22.2 mm	35 mm	1,330 N	880 N

Static Load 1 represents a distributed load for 12" - 20" (300 - 500 mm) installations and a point load for 12" - 16" (300 - 400 mm) installations. Static Load 2 represents a point load for 16" - 20" (400 - 500 mm) installations.

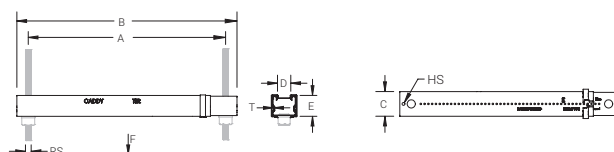
Metal Framing

TELESCOPING SUPPORT BRACKETS

TELESCOPING STRUT REPLACEMENT, NO NUT

FEATURES

- Can be attached directly to a wall for wall-mounted applications
- Telescopes to the desired length and is locked in place by snapping closed a spring retainer clip
- Standard strut profile runs the entire length of the part, allowing most standard fittings to be placed anywhere between the rods
- Integrated ruler displays space between hanger rods in inches and centimeters
- Supports up to six 2" (50 DN) conduits, six 2" (50 DN) water filled pipes at 10' (3 m) spacing, or up to 18" (450 mm) cable tray
- Conduit can be supported on the top and bottom, eliminating the need for double sided strut
- Conduit and pipe can be placed directly on the strut profile, saving vertical space in buildings with limited room for installation



Material: Steel

Finish: Pregalvanized

Part Number	Article Number	Rod Size	Hole Size	Thickness	A	B	C	D	E	Static Load 1 F1	Static Load 2 F2
TSR1220N	366593	M10	4.8 mm	1 mm	300 – 500 mm	356 – 546 mm	41 mm	22.2 mm	35 mm	1,330 N	880 N

Static Load 1 represents a distributed load for 12" - 20" (300 - 500 mm) installations and a point load for 12" - 16" (300 - 400 mm) installations.
Static Load 2 represents a point load for 16" - 20" (400 - 500 mm) installations.

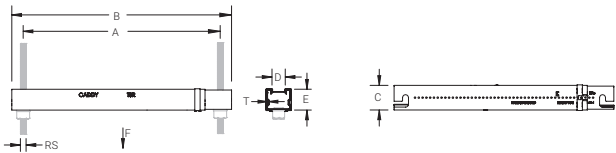
Metal Framing

TELESCOPING SUPPORT BRACKETS

TELESCOPING STRUT REPLACEMENT, RETROFIT

FEATURES

- Slotted ends allow the bracket to be installed with four nVent CADDY SN Nuts on threaded rod above an existing trapeze, saving contractor time and limiting building downtime
- Telescopes to the desired length and is locked in place by snapping closed a spring retainer clip
- Standard strut profile runs the entire length of the part, allowing most standard fittings to be placed anywhere between the rods
- Integrated ruler displays space between hanger rods in inches and centimeters
- Supports up to six 2" (50 DN) conduits, six 2" (50 DN) water filled pipes at 10' (3 m) spacing, or up to 18" (450 mm) cable tray
- Conduit can be supported on the top and bottom, eliminating the need for double sided strut
- Conduit and pipe can be placed directly on the strut profile, saving vertical space in buildings with limited room for installation

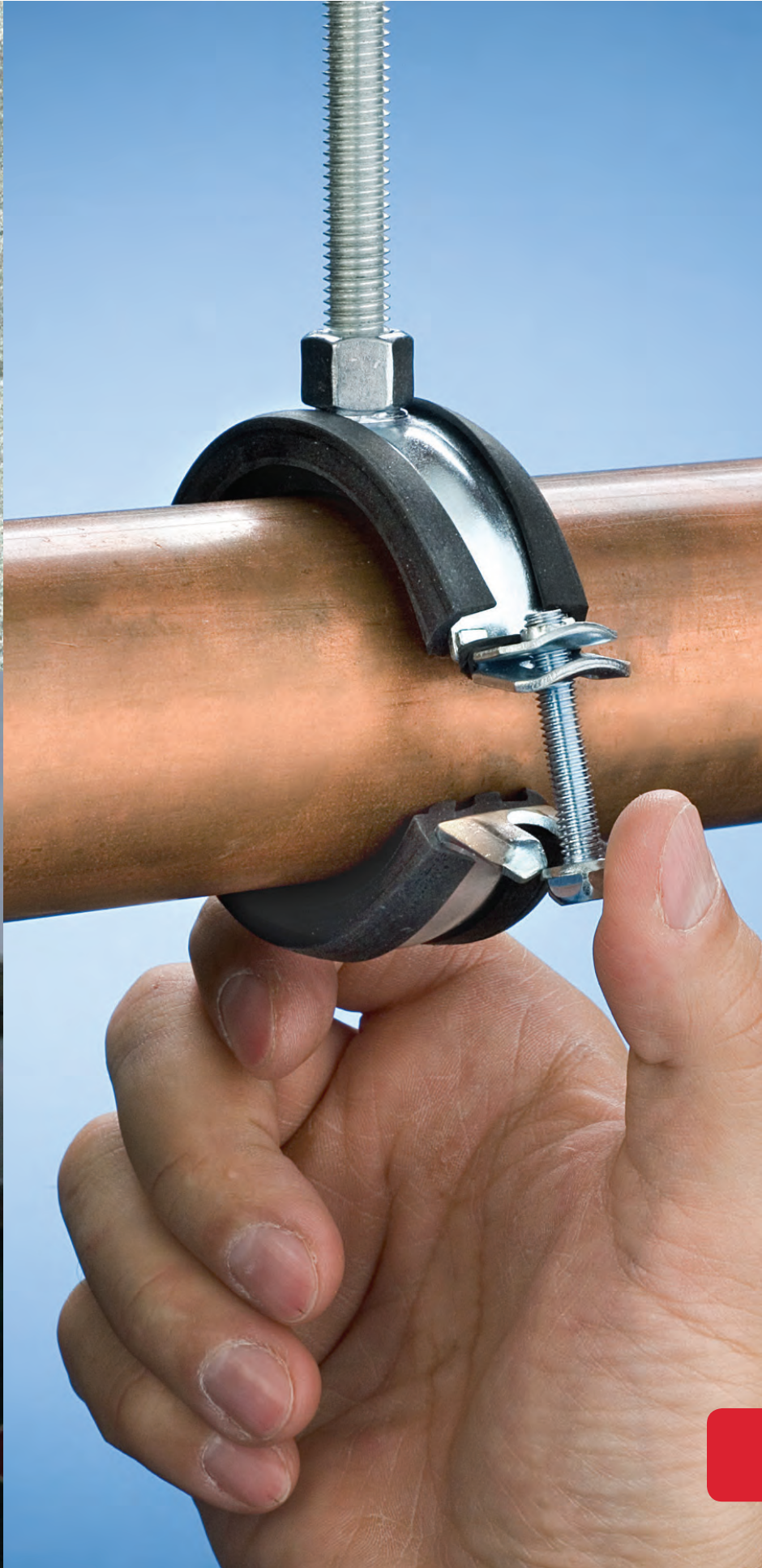
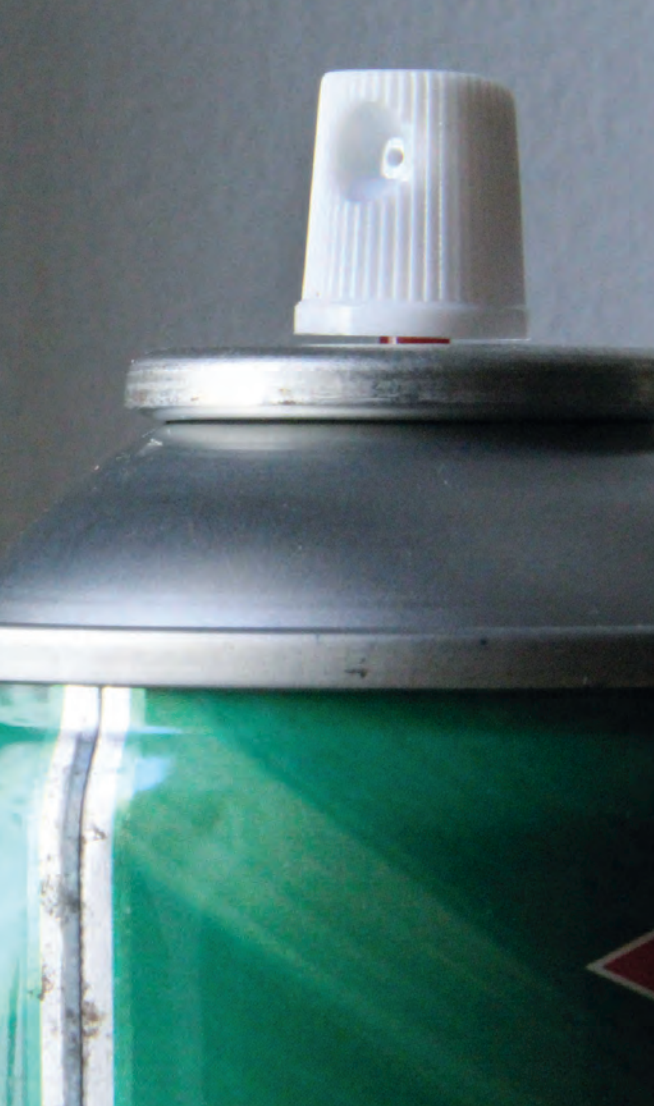


Material: Steel
Finish: Pregalvanized

Part Number	Article Number	Rod Size	Thickness	A	B	C	D	E	Static Load 1 F1	Static Load 2 F2
TSR1220R	366594	M10	1 mm	300 – 500 mm	356 – 546 mm	41 mm	22.2 mm	35 mm	1,330 N	880 N

Static Load 1 represents a distributed load for 12" - 20" (300 - 500 mm) installations and a point load for 12" - 16" (300 - 400 mm) installations. Static Load 2 represents a point load for 16" - 20" (400 - 500 mm) installations.

Technical Information



Technical Information

Static load limit values specify maximum allowable installed loads for user application.

Load ratings are only valid within +5 to + 35°C unless otherwise specified in this catalogue.

All loads should be applied VERTICALLY to the normal fixing product installation except as may be indicated otherwise in diagrams. If no direction is indicated or a zero load rating is given, the product is to be used for positioning purposes only.

A load rating in this catalogue is only applicable if the load-bearing capacity of the supporting element (purlin, angle beam, flange, bar, etc.) is adequate.

Any repositioning, deformation, or cracking of the supporting element should be a warning that the load bearing capacity of the element is exceeded. In such situations, take preventive measures: consult a structural engineer, or consult nVent for advice.

A standard 4:1 Safety Factor is used unless otherwise noted.

NOTE: 1kg = 10N

MATERIALS – PLASTICS AND RUBBERS

Plastics versus thermosets

- Thermoplastics will melt and flow when heated.
- Thermosets have undergone an irreversible chemical reaction and additional heat will not melt them further.

Polyethylene (PE)

Polyethylene is a tough, light, flexible synthetic resin and is the most common thermoplastic. Many different grades exist with a broad range of physical properties.

Polypropylene (PP)

Polypropylene is a thermoplastic that is light, rugged and resistant to many chemical solvents, bases and acids. It is typically tough and flexible.

Polyvinyl Chloride (PVC)

Polyvinyl chloride (abbreviated PVC), is a thermoplastic made from a tough, chemically resistant synthetic resin. Unplasticized PVC is stiff and strong, but can be made softer and more flexible by the addition of plasticizers.

EPDM Rubber

EPDM (Ethylene Propylene Diene Monomer) is a thermoset elastomer that is inherently resistant to ozone, water and weather, and characterized by a wide range of applications.

SBR Rubber

SBR (Styrene Butadiene Rubber) is the most common type of synthetic rubber. This thermoset has good abrasion resistance, flexibility, and aging stability when protected by additives.

Nylon

Nylon is part of a family of thermoplastics known generically as polyamides. It is generally characterized by its durability, high elongation and excellent abrasion resistance.

Polyamide

See nylon

Xenoy

Xenoy is a thermoplastic blend that offers good chemical resistance, great impact resistance (even at low temperatures), and some heat resistance in conditions that require a high degree of toughness.

Polyisocyanurate (PIR)

Polyisocyanurate (also called PIR, polyiso, or ISO) is a cellular, thermoset that is typically produced as a foam and used in rigid thermal insulation. As a result of its excellent thermal insulating efficiency, polyiso foam has become the standard for low temperature insulation applications.

Silicone Rubber

Silicone rubber is an elastomer (rubber-like material) composed of silicone—itsself a polymer—containing silicon together with carbon, hydrogen, and oxygen.

Silicone rubber is generally non-reactive, stable, and resistant to extreme environments and temperatures from <-40 °C to >220 °C while still maintaining its useful properties

Technical Information

MATERIALS – METALS

Steel

Steel is an alloy of iron and other elements, the most common being carbon. Varying the amount of alloying elements and the form of their presence in the steel controls qualities such as the hardness, ductility, tensile strength and corrosion resistance of the resulting steel.

Spring Steel

Spring steel is an alloy of iron and carbon. Spring steel alloys can be easily formed into complex shapes, and then heat-treated to greatly increase strength.

nVent CADDY spring steel fasteners are heat treated in modern shaker hearth furnaces. Parts are conveyed directly from a high temperature furnace to a quench tank, through a cleaning cycle and into a tempering furnace. Precision controls maintain heat treat operations within established limits developed for nVent CADDY fasteners.

Stainless Spring Steel 301

A highly ductile steel used on formed products that hardens rapidly during mechanical working. Stainless 301 has better wear resistance and fatigue strength than Stainless 304 or standard Spring Steel.

- Stainless 301 is not suitable for use in swimming pools

Stainless Steel

Stainless Steel is an alloy of iron and carbon that is more resistant to rust, staining and corrosion than regular steel.

Stainless Steel 304

The most familiar stainless steel is Type 304, containing 18-20% chromium and 8-10% nickel.

- Also referred to as 'A2'
- Stainless 304 is not suitable for use in swimming pools

Stainless Steel 316

The second most common stainless steel is 316, also called marine grade stainless, used primarily for its increased resistance to corrosion.

- Also referred to as 'A4'
- Stainless 316 is not suitable for use in swimming pools

Cast Iron

Cast Iron is a commercial alloy of iron, carbon and silicon that is cast in a mold. This results in a product that is hard, brittle, non-malleable and incapable of being hammer-welded but more easily fusible than steel.

***Note:** Spring steel fasteners are for indoor use in non-corrosive environments. Mild steel fasteners can be used outdoors in humid or mildly corrosive environments. Neither Stainless Steel nor Mild Steel fasteners are to be used in certain areas such as over indoor pools, etc.

FINISHES

Painted

Paint is any liquid composition, which after application to a surface in a thin layer, is converted to a solid film. It is most commonly used to protect, color or provide texture to objects.

nVent CADDY Armour

The Armour coating system features bi-metallic corrosion protection with an inorganic basecoat for sacrificial protection and an organic topcoat for barrier protection.

The nVent standard for Armour includes at least 1,000 hours resistance against red rust when tested per the ASTM B117 / EN ISO 9227 salt spray tests. Armour is RoHS compliant.

Electro-galvanized (EG)

EN 12329 / ASTM B633

This corrosion protective coating is applied after the fabrication of steel or malleable iron parts and uses an electrolytic plating process that deposits zinc. A second passivation coating of chromate is then applied for additional protection. Zinc electroplate products are recommended for indoor and mildly corrosive applications.

Pre-galvanized Zinc (PG)

EN 10142/10147 / ASTM A653/A653M

Pre-galvanized zinc is produced by continuously rolling steel coils or sheets through molten zinc at the mills. The coils or sheets are slit to size and fabricated by forming, shearing or punching to produce the finished product. During fabrication cut edges are not generally zinc coated; however, the zinc near the uncoated metal becomes a sacrificial anode to protect the bare areas. Pre-galvanized zinc products are generally recommended for indoor use on mildly corrosive environments.

Hot Dip Galvanized Zinc (HD)

EN ISO 1461 / ASTM A123

After a product has finished its fabrication process, it is dipped into a bath of molten zinc. The zinc completely coats all edges and surfaces. Zinc thickness is controlled by the time the part is immersed in the molten zinc bath. Hot dip galvanized zinc products are recommended for indoor, outdoor and mildly corrosive environments.

Black Oxide

ASTM D769

Black oxide or blackening is a conversion coating for ferrous materials, copper and copper based alloys, zinc, powdered metals, and silver solder. It is used to add mild corrosion resistance and for appearance.

Technical Information

SEAMLESS PIPE FOR THREADING

EN 10225M (REPLACES DIN 2440)

ø Pipe D (DN, NB)	ø Pipe D (")	ø Pipe D OD (mm)	Wall Thickness (mm)	Weight of Pipe (kg/m)	Weight of Water (full Pipe) (kg/m)	Weight of Pipe & Water (kg/m)	Span Max. (m)
8	1/4"	13.5	2.35	0.65	0.06	0.71	1.5
10	3/8"	17.2	2.35	0.86	0.12	0.98	2.25
15	1/2"	21.3	2.65	1.22	0.20	1.42	2.75
20	3/4"	26.9	2.65	1.58	0.37	1.95	3
25	1"	33.7	3.25	2.44	0.58	3.02	3.5
32	1-1/4"	42.4	3.25	3.14	1.01	4.15	3.75
40	1-1/2"	48.3	3.25	3.61	1.37	4.98	4.25
50	2"	60.3	3.65	5.10	2.21	7.31	4.75
65	2-1/2"	76.1	3.65	6.52	3.72	10.24	5.5
80	3"	88.9	4.05	8.47	5.13	13.60	6
100	4"	114.3	4.5	12.19	8.70	20.89	6
125	5"	139.7	4.85	16.13	13.27	29.40	6
150	6"	165.1	4.85	19.17	18.96	38.13	6

Note: The Maximum hanger span depends on the specific pipe-type and manufacturer.

Technical Information

SEAMLESS STEEL PIPES

EN 10220 (REPLACES DIN 2448)

ø Pipe D (DN, NB)	ø Pipe D (")	ø Pipe D OD (mm)	Wall Thickness (mm)	Weight of Pipe (kg/m)	Weight of Water (full Pipe) (kg/m)	Weight of Pipe & Water(kg/m)	Span Max. (m)
6		10.2	1.6	0.34	0.04	0.38	1.25
8	1/4"	13.5	1.8	0.52	0.08	0.60	1.5
-		16	1.8	0.63	0.12	0.75	2
10	3/8"	17.2	1.8	0.68	0.15	0.83	2.25
-		20	2	0.89	0.20	1.09	2.5
15	1/2"	21.3	2	0.95	0.24	1.19	2.75
-		25	2	1.13	0.35	1.48	3
20	3/4"	26.9	2.3	1.40	0.39	1.79	3
-		30	2.6	1.76	0.48	2.24	3.25
-		31.8	2.6	1.87	0.56	2.43	3.25
25	1"	33.7	2.6	1.99	0.64	2.63	3.5
-		38	2.6	2.27	0.85	3.12	3.75
32	1-1/4"	42.4	2.6	2.55	1.09	3.64	3.75
-		44.5	2.6	2.69	1.21	3.90	4
40	1-1/2"	48.3	2.6	2.95	1.46	4.41	4.25
-		51	2.6	3.10	1.65	4.75	4.5
-		57	2.9	3.87	2.06	5.93	4.6
50	2"	60.3	2.9	4.11	2.33	6.44	4.75
-		63.5	2.9	4.33	2.61	6.94	4.75
-		70	2.9	4.80	3.24	8.04	5.25
65	2-1/2"	76.1	2.9	5.24	3.88	9.12	5.5
-		82.5	3.2	6.26	4.55	10.81	5.75
80	3"	88.9	3.2	6.76	5.34	12.10	6
-		101.6	3.6	8.70	7.00	15.70	6
-		108	3.6	9.27	7.98	17.25	6
100	4"	114.3	3.6	9.83	9.00	18.83	6
-		127	4	12.13	11.12	23.25	6
-		133	4	12.73	12.27	25.00	6
125	5"	139.7	4	13.39	13.62	27.01	6
-		152.4	4.5	16.41	16.14	32.55	6
-		159	4.5	17.15	17.66	34.81	6
150	6"	168.3	4.5	18.18	19.92	38.10	6
-		177.8	5	21.31	22.10	43.41	6
-		193.7	5.4	25.08	26.26	51.34	6
200	8"	219.1	5.9	31.02	33.73	64.75	6
-		244.5	6.3	37.01	42.22	79.23	6
250	10"	273	6.3	41.44	53.26	94.70	6
300	12"	323.9	7.1	55.47	75.33	130.80	6
350	14"	355.6	8	68.58	90.58	159.16	6
400	16"	406.4	8.8	86.29	118.73	205.02	6
450	18"	457	10	110.24	149.99	260.23	6
500	20"	508	11	134.82	185.51	320.33	6
600	24"	610	12.5	184.19	268.78	452.97	6

Note: The Maximum hanger span depends on the specific pipe-type and manufacturer.

Technical Information

WELDED STEEL PIPE

EN 10220 (REPLACES DIN 2458)

ø Pipe D (DN, NB)	ø Pipe D (")	ø Pipe D OD (mm)	Wall Thickness (mm)	Weight of Pipe (kg/m)	Weight of Water (full Pipe) (kg/m)	Weight of Pipe & Water (kg/m)	Span Max. (m)
6		10.2	1.6	0.34	0.04	0.38	1.25
8	1/4"	13.5	1.8	0.52	0.08	0.6	1.5
-		16	1.8	0.63	0.12	0.75	2
10	3/8"	17.2	1.8	0.68	0.15	0.83	2.25
-		20	2	0.89	0.2	1.09	2.5
15	1/2"	21.3	2	0.95	0.24	1.19	2.75
-		25	2	1.13	0.35	1.48	3
20	3/4"	26.9	2	1.23	0.41	1.64	3
-		30	2	1.38	0.53	1.91	3.25
-		31.8	2	1.47	0.61	2.08	3.25
25	1"	33.7	2	1.56	0.69	2.25	3.5
-		38	2.3	2.02	0.88	2.9	3.75
32	1-1/4"	42.4	2.3	2.27	1.12	3.39	3.75
-		44.5	2.3	2.39	1.25	3.64	4
40	1-1/2"	48.3	2.3	2.61	1.5	4.11	4.25
-		51	2.3	2.76	1.69	4.45	4.5
-		57	2.3	3.1	2.16	5.26	4.6
50	2"	60.3	2.3	3.29	2.44	5.73	4.75
-		63.5	2.6	3.9	2.67	6.57	4.75
-		70	2.6	4.32	3.3	7.62	5.25
65	2-1/2"	76.1	2.6	4.71	3.95	8.66	5.5
-		82.5	2.6	5.12	4.69	9.81	5.75
80	3"	88.9	2.9	6.15	5.42	11.57	6
-		101.6	2.9	7.06	7.21	14.27	6
-		108	2.9	7.52	8.2	15.72	6
100	4"	114.3	3.2	8.77	9.14	17.91	6
-		127	3.2	9.77	11.42	21.19	6
-		133	3.6	11.49	12.43	23.92	6
125	5"	139.7	3.6	12.08	13.79	25.87	6
-		152.4	4	14.64	16.38	31.02	6
-		159	4	15.29	17.91	33.2	6
150	6"	168.3	4	16.21	20.18	36.39	6
-		177.8	4.5	19.23	22.38	41.61	6
-		193.7	4.5	21	26.79	47.79	6
200	8"	219.1	4.5	23.82	34.67	58.49	6
-		244.5	5	29.53	43.19	72.72	6
250	10"	273	5	33.05	54.33	87.38	6
300	12"	323.9	5.6	43.96	76.8	120.76	6
350	14"	355.6	5.6	48.34	93.16	141.5	6
400	16"	406.4	6.3	62.16	121.8	183.96	6
450	18"	457	6.3	70.02	155.11	225.13	6
500	20"	508	6.3	77.95	192.75	270.7	6
600	24"	610	6.3	93.8	280.3	374.1	6

Note: The Maximum hanger span depends on the specific pipe-type and manufacturer.

Technical Information

DRAINAGE PIPES, GA, CAST IRON

DIN 19500

ø Pipe D (DN, NB)	ø Pipe D OD (mm)	Wall Thickness (mm)	Weight of Pipe (kg/m)	Weight of Water (full Pipe) (kg/m)	Weight of Pipe & Water (kg/m)	Span Max. (m)
50	60	3.5	5.20	2.21	7.41	1.5
70	80	3.5	7.00	4.18	11.18	1.5
100	112	4	11.30	8.49	19.79	1.5
125	137	4	14.00	13.06	27.06	1.5
150	162	5	20.60	18.14	38.74	1.5
200	212	6	32.40	31.40	63.80	1.5

Note: The Maximum hanger span depends on the specific pipe-type and manufacturer. Every pipe should be supported twice at least.

SML DRAINAGE PIPES

DIN 19522

ø Pipe D (DN, NB)	ø Pipe D OD (mm)	Wall Thickness (mm)	Weight of Pipe (kg/m)	Weight of Water (full Pipe) (kg/m)	Weight of Pipe & Water (kg/m)	Span Max. (m)
40	48	3	3.07	1.39	4.46	1.5
50	58	3.5	4.34	2.04	6.38	1.5
70	78	3.5	5.94	3.96	9.9	1.5
80	83	3.5	6.34	4.54	10.88	1.5
100	110	3.5	8.49	8.33	16.82	1.5
125	135	4	11.93	12.67	24.6	1.5
150	160	4	14.21	18.15	32.36	1.5
200	210	5	23.35	31.42	54.77	1.5
250	274	5.5	33.64	54.33	87.97	1.5
300	326	6	43.73	77.44	121.17	1.5
400	429	8.1	77.65	133.83	211.48	1.5
500	532	9	107.21	207.5	314.71	1.5
600	635	9.9	140.95	297.25	438.2	1.5

Note: The Maximum hanger span depends on the specific pipe-type and manufacturer. Every pipe should be supported twice at least.

Technical Information

PVC DRAINAGE PIPES

DIN 8062 - SERIES 3

ø Pipe D (DN, NB)	ø Pipe D OD (mm)	Wall Thickness (mm)	Weight of Pipe (kg/m)	Weight of Water (full Pipe) (kg/m)	Weight of Pipe & Water (kg/m)	Span Max. (40 °C) (m)
32	40	1.8	0.33	1.00	1.33	0.9
40	50	1.8	0.40	1.69	2.09	1.1
50	63	1.9	0.53	2.75	3.29	1.2
70	75	2.2	0.73	3.91	4.65	1.35
80	90	2.7	1.08	5.62	6.70	1.5
100	110	3.2	1.57	8.43	10.00	1.7
125	125	3.7	2.06	10.86	12.92	1.95
150	160	4.7	3.35	17.81	21.16	2.1
-	180	5.3	4.25	22.54	26.78	2.2
-	200	5.9	5.25	27.82	33.07	2.2
-	225	6.6	6.61	35.23	41.84	2.3
-	250	7.3	8.13	43.52	51.65	2.5
-	280	8.2	10.22	54.57	64.80	2.8
-	315	9.2	12.91	69.09	82.00	3

Note: The Maximum hanger span depends on the specific pipe-type and manufacturer.

PVC DRAINAGE PIPES

DIN 8062 - SERIES 5

ø Pipe D (DN, NB)	ø Pipe D OD (mm)	Wall Thickness (mm)	Weight of Pipe (kg/m)	Weight of Water (full Pipe) (kg/m)	Weight of Pipe & Water (kg/m)	Span Max. (40 °C) (m)
10	16	1.2	0.08	0.15	0.23	0.5
15	20	1.5	0.13	0.23	0.35	0.6
20	25	1.9	0.20	0.35	0.55	0.65
25	32	2.4	0.33	0.58	0.91	0.7
32	40	3	0.51	0.91	1.42	0.9
40	50	3.7	0.79	1.43	2.21	1.1
50	63	4.7	1.26	2.26	3.51	1.2
70	75	5.6	1.78	3.20	4.98	1.35
80	90	6.7	2.56	4.61	7.17	1.5
100	110	8.2	3.83	6.88	10.71	1.7
125	125	10.4	6.18	11.16	17.34	1.95
150	160	11.9	8.08	14.57	22.65	2.1
-	180	13.4	10.24	18.43	28.67	2.2
-	200	14.9	12.65	22.75	35.40	2.2
-	225	16.7	15.96	28.83	44.79	2.3
-	250	18.6	19.74	35.57	55.31	2.5
-	280	20.8	24.73	44.64	69.37	2.8
-	315	23.4	31.30	56.49	87.79	3

Note: The Maximum hanger span depends on the specific pipe-type and manufacturer.

Technical Information

PE DRAINAGE PIPES

DIN 19535

ø Pipe D (DN, NB)	ø Pipe D OD (mm)	Wall Thickness (mm)	Weight of Pipe (kg/m)	Weight of Water (full Pipe) (kg/m)	Weight of Pipe & Water (kg/m)	Span Max. (m)
26	32	3	0.27	0.53	0.80	0.32
34	40	3	0.35	0.91	1.26	0.40
40	50	3	0.44	1.52	1.96	0.50
50	56	3	0.50	1.96	2.46	0.56
60	63	3	0.57	2.55	3.12	0.63
70	75	3	0.68	3.74	4.42	0.75
80	90	3.5	0.95	5.41	6.36	0.90
100	110	4.3	1.43	8.07	9.50	1.10
115	125	4.8	1.82	10.45	12.27	1.25
125	140	5.4	2.30	13.10	15.39	1.40
150	160	6.2	3.00	17.10	20.11	1.60
200	200	6.2	3.83	27.63	31.46	2.00
250	250	7.8	6.02	43.13	49.15	2.50
300	315	9.8	9.40	68.51	77.91	3.15

COPPER TUBE

EN 1057 (REPLACES DIN 1786)

ø Pipe D (DN, NB)	ø Pipe D (Inch)	ø Pipe D OD (mm)	Wall Thickness (mm)	Weight of Pipe (kg/m)	Weight of Water (full Pipe) (kg/m)	Weight of Pipe & Water (kg/m)	Span Max. (m)
		10	1	0.25	0.05	0.30	1.25
10		12	1	0.31	0.08	0.39	1.25
12		15	1	0.39	0.13	0.52	1.25
15		18	1	0.48	0.20	0.68	1.5
20		22	1	0.59	0.31	0.90	2
25		28	1.5	1.11	0.49	1.60	2.25
32		35	1.5	1.41	0.80	2.21	2.75
40		42	1.5	1.70	1.19	2.89	3
50		54	2	2.91	1.96	4.87	3.5
		64	2	3.47	2.83	6.30	4
65		76,1	2	4.17	4.08	8.25	4.25
80		88,9	2	4.89	5.66	10.55	4.75
		108	2.5	7.42	8.33	15.75	5
		133	3	10.98	12.67	23.65	5
		159	3	13.17	18.39	31.56	5
		219	3	18.24	35.63	53.87	5
		267	3	22.29	53.50	75.79	5

Note: The Maximum hanger span depends on the specific pipe-type and manufacturer.

Technical Information

STEEL DUCT - SPIRAL

EN 12237 (REPLACES DIN24147)

ø Pipe D (DN, NB)	ø Pipe D ID (mm)	Wall Thickness (mm)	Weight of Pipe (kg/m)	Span Max. (40 °C) (m)
80	80	0.4	0.8	3
100	100	0.6	1.5	3
125	125	0.6	1.8	3
150	150	0.6	2.2	3
160	160	0.6	2.4	3
200	200	0.6	3.0	3
224	224	0.6	3.3	3
250	250	0.6	3.7	3
300	300	0.8	5.9	3
315	315	0.8	6.2	3
355	355	0.8	7.0	3
400	400	0.8	7.9	3
450	450	0.8	8.9	3
500	500	0.8	9.9	3
560	560	0.8	11.0	3
630	630	1.0	15.5	3
710	710	1.0	17.5	3
800	800	1.0	19.7	3
900	900	1.0	22.2	3
1000	1000	1.2	29.6	3
1120	1120	1.2	33.1	3
1250	1250	1.2	37.0	3

Note: The Maximum hanger span depends on the specific pipe-type and manufacturer.

Technical Information

WHICH CLAMP FITS WHICH PIPE?

STEEL

ø Pipe D		Supply Pipes / Pressure Pipes			Drain Pipes							
		EN 10225M	EN 10220	EN 10220	DIN 19500	DIN 19522						
[DN, NB]	["]	Seamless Pipe for threading ø Outside D mm	Seamless steel pipes ø Outside D mm	Welded Steel Pipe ø Outside D mm	Drainage Pipes, GA, Cast Iron ø Outside D mm	SML Drainage Pipes ø Outside D mm	Superfix 243 M8	Superfix 243 M8/M10	Macrofix Plus M8/M10	Macrofix 250 M8	Macrofix 250 M8/M10	Macrofix, Stainless Steel
6	-		10.2	10.2			400055	400063	400078			
8	1/4"	13.5	13.5	13.5						595800	596460	595595
-	-		16.0	16.0			400056	400064	400079	595810	596470	595600
10	3/8"	17.2	17.2	17.2								
-	-		20.0	20.0						595820	596480	595610
15	1/2"	21.3	21.3	21.3			400057	400065	400080			
-	-		25.0	25.0								
20	3/4"	26.9	26.9	26.9			400058	400066	400081	595830	596490	595620
-	-		30.0	30.0								
-	-		31.8	31.8								
25	1"	33.7	33.7	33.7			400059	400067	400082	595840	596500	595630
-	-		38.0	38.0								
32	1-1/4"	42.4	42.4	42.4			400060	400068	400083			
-	-		44.5	44.5						595850	596510	595640
40	1-1/2"	48.3	48.3	48.3		48.0	400061	400069	400084	595858	595859	595645
-	-		51.0	51.0			400062	400070	400085	595851	595860	595650
-	-		57.0	57.0								
50	2"						589310	589350		595852	595870	595660
-	-	60.3	60.3	60.3	60.0	58.0	589320	400071		595853	595880	595670
-	-		63.5	63.5				400072	400087		595885	595675
-	-		70.0	70.0				400073	400088		596450	595680
65	2-1/2"	76.1	76.1	76.1								
70	-				80.0	78.0		400074	400089		595890	595690
-	-		82.5	82.5								
80	3"	88.9	88.9	88.9		83.0					595900	595695
-	-		101.6	101.6				400075	400090		595910	595700
-	-		108.0	108.0				400076	400091		595920	595710
-	-		108.0	108.0				400077	400092			
100	4"	114.3	114.3	114.3	112.0	110.0					595930	595720
-	-		127.0	127.0								
-	-		133.0	133.0					400094		595940	595730
-	-								400095		595980	595740
125	5"	139.7	139.7	139.7	137.0	135.0					595950	595750
-	-		152.4	152.4								
-	-		159.0	159.0					400098			
150	6"	165.1	168.3	168.3	162.0	160.0					595960	595755
-	-		177.8	177.8					400099		595970	595760
-	-		193.7	193.7								
200	8"		219.1	219.1	212.0	210.0			400100			
-	-		244.5	244.5					400101		595972	595775
-	-										595973	595780
250	10"		273.0	273.0		274.0					595992	
300	12"		323.9	323.9		326.0						
350	14"		355.6	355.6								
400	16"		406.4	406.4		429.0						
450	18"		457.0	457.0								
500	20"		508.0	508.0		532.0						
600	24"		610.0	610.0		635.0						

Technical Information

WHICH CLAMP FITS WHICH PIPE?

PLASTIC

Ø Pipe D		Drain Pipes			Superfix 243 M8	Superfix 243 M8/M10	Macrofix Plus M8/M10	Macrofix 250 M8	Macrofix 250 M8/M10
		DIN 8062 - Series 3	DIN 8062 - Series 5	DIN 19535					
[DN, NB]	["]	PVC Drainage Pipes	PVC Drainage Pipes	PE Drainage Pipes					
		Ø Outside D mm	Ø Outside D mm	Ø Outside D mm					
10	3/8"		16.0		400056	400064	400079	595810	596470
15	1/2"		20.0		400057	400065		595820	596480
20	3/4"		25.0		400058			595830	596490
25	1"		32.0	32.0	400059	400067	400082	595840	596500
32	1-1/4"	40.0	40.0	40.0	400060	400068	400083	595850	596510
40	1-1/2"	50.0	50.0	50.0	400062	400070	400085	595851	595860
50	2"	63.0	63.0	63.0		400072	400087	595853	595880
70	-	75.0	75.0	75.0		400074	400089		595890
80	3"	90.0	90.0	90.0		400075	400090		595910
100	4"	110.0	110.0	110.0		400077	400092		595930
115	-			125.0			400094		595940
125	5"	125	125	140.0			400097		595950
150	6"	160.0	160.0	160.0			400098		595960
-	-	180.0	180.0						
-	-	200.0	200.0				400100		595971
200	8"			200.0					
-	-	225.0	225.0						595990
-	-	250.0	250.0	250.0					595991

Technical Information

WHICH CLAMP FITS WHICH PIPE?

COPPER

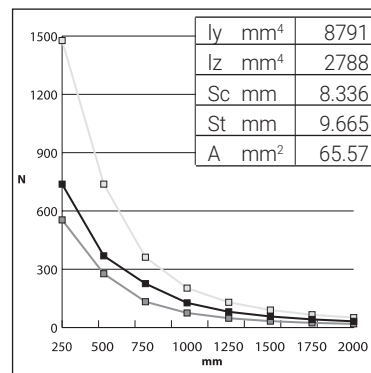
ø Pipe D		Plumbing Pipe	Superfix 243 M8	Superfix 243 M8/M10	Macrofix Plus M8/M10	Macrofix 250 M8	Macrofix 250 M8/M10
		EN 1057					
[DN, NB]	["]	Copper Tube					
		ø Outside D mm					
-	-	10.0					
10	3/8"	12.0	400055	400065	400078	595800	596460
12	-	15.0	400056	400067	400079		
15	1/2"	18.0				595810	596470
20	3/4"	22.0	400057	400068	400080	595820	596480
25	1"	28.0	400058	400070	400081	595830	596490
32	1-1/4"	35.0	400059	400072	400082	595840	596500
40	1-1/2"	42.0	400060	400074	400083	595850	596510
50	2"	54.0	589310	400075	400085	595852	595870
-	-	64.0		400077	400087		595885
65	2-1/2"	76.1			400089		595890
80	3"	88.9			400090		
-	-	108.0			400092		595930
-	-	133.0			400095		595980
-	-	159.0			400098		595960
-	-	219.0					595973
-	-	267.0					

Technical Information

LOADS DATA FOR C-PROFILES

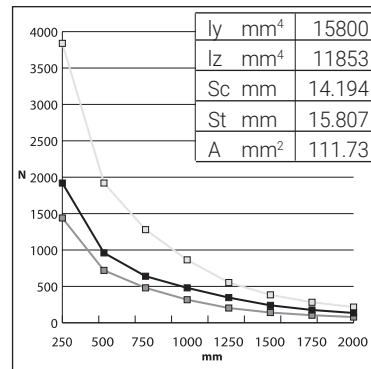
EOL | 18 X 27 MM | T = 1.25 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
250	738	2034	738	1477	3255	1477	554	1194	554
500	369	509	369	738	814	738	277	298	277
750	246	226	226	492	362	362	185	133	133
1000	185	127	127	369	203	203	138	75	75
1250	148	81	81	295	130	130	111	48	48
1500	123	57	57	246	90	90	92	33	33
1750	105	42	42	211	66	66	79	24	24
2000	92	32	32	185	51	51	69	19	19



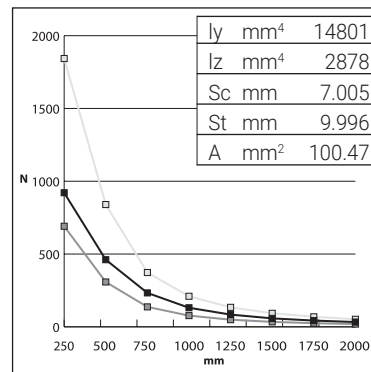
EO | 30 X 27 MM | T = 1.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
250	1920	8648	1920	3839	13837	3839	1440	5076	1440
500	960	2162	960	1920	3459	1920	720	1269	720
750	640	961	640	1280	1537	1280	480	564	480
1000	480	540	480	960	865	865	360	317	317
1250	384	346	346	768	553	553	288	203	203
1500	320	240	240	640	384	384	240	141	141
1750	274	176	176	548	282	282	206	104	104
2000	240	135	135	480	216	216	180	79	79



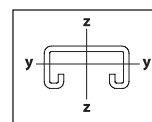
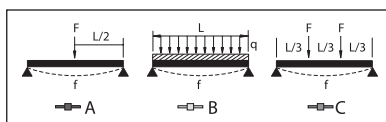
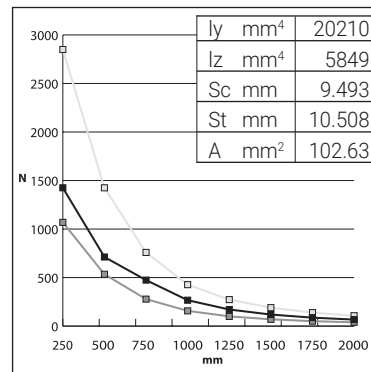
E1 | 15 X 30 MM | T = 2.0 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
250	921	2100	921	1843	3360	1843	691	1232	691
500	461	525	461	921	840	840	346	308	308
750	307	233	233	614	373	373	230	137	137
1000	230	131	131	461	210	210	173	77	77
1250	184	84	84	369	134	134	138	49	49
1500	154	58	58	307	93	93	115	34	34
1750	132	43	43	263	69	69	99	25	25
2000	115	33	33	230	52	52	86	19	19



E2L | 20 X 24 MM | T = 1.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
250	1425	4267	1425	2850	6828	2850	1069	2505	1069
500	712	1067	712	1425	1707	1425	534	626	534
750	475	474	474	950	759	759	356	278	278
1000	356	267	267	712	427	427	267	157	157
1250	285	171	171	570	273	273	214	100	100
1500	237	119	119	475	190	190	178	70	70
1750	204	87	87	407	139	139	153	51	51
2000	178	67	67	356	107	107	134	39	39



$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$

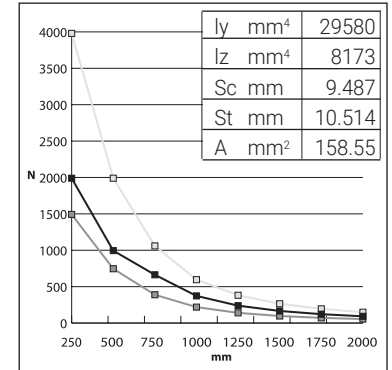
* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

Technical Information

LOADS DATA FOR C-PROFILE

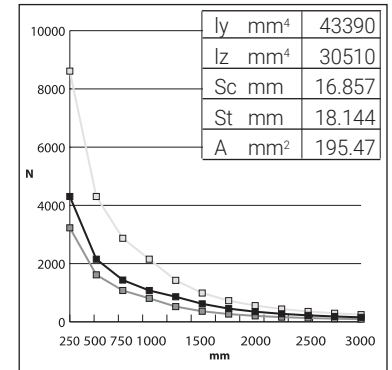
E2 | 20 X 24 MM | T = 2.4 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
250	1990	5963	1990	3980	9541	3980	1493	3500	1493
500	995	1491	995	1990	2385	1990	746	875	746
750	663	663	663	1327	1060	1060	498	389	389
1000	498	373	373	995	596	596	373	219	219
1250	398	239	239	796	382	382	299	140	140
1500	332	166	166	663	265	265	249	97	97
1750	284	122	122	569	195	195	213	71	71
2000	249	93	93	498	149	149	187	55	55



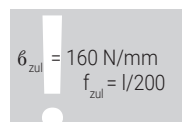
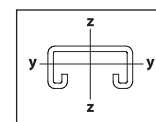
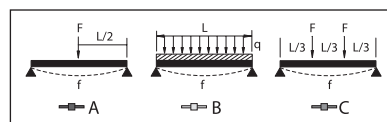
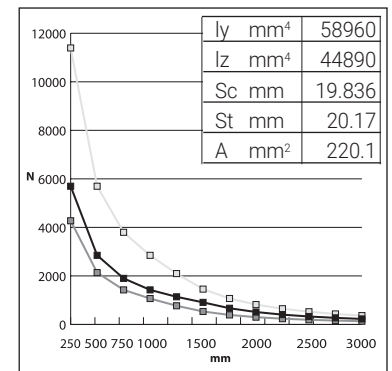
E3 | 35 X 35 MM | T = 2.0 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
250	4305	22260	4305	8610	35616	8610	3229	13066	3229
500	2152	5565	2152	4305	8904	4305	1614	3266	1614
750	1435	2473	1435	2870	3957	2870	1076	1452	1076
1000	1076	1391	1076	2152	2226	2152	807	817	807
1250	861	890	861	1722	1425	1425	646	523	523
1500	717	618	618	1435	989	989	538	363	363
1750	615	454	454	1230	727	727	461	267	267
2000	538	348	348	1076	557	557	404	204	204
2250	478	275	275	957	440	440	359	161	161
2500	430	223	223	861	356	356	323	131	131
2750	391	184	184	783	294	294	294	108	108
3000	359	155	155	717	247	247	269	91	91



E4 | 40 X 38 MM | T = 2.0 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
250	5697	32752	5697	11395	52403	11395	4273	19224	4273
500	2849	8188	2849	5697	13101	5697	2137	4806	2137
750	1899	3639	1899	3798	5823	3798	1424	2136	1424
1000	1424	2047	1424	2849	3275	2849	1068	1201	1068
1250	1139	1310	1139	2279	2096	2096	855	769	769
1500	950	910	910	1899	1456	1456	712	534	534
1750	814	668	668	1628	1069	1069	610	392	392
2000	712	512	512	1424	819	819	534	300	300
2250	633	404	404	1266	647	647	475	237	237
2500	570	328	328	1139	524	524	427	192	192
2750	518	271	271	1036	433	433	388	159	159
3000	475	227	227	950	364	364	356	133	133



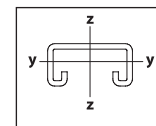
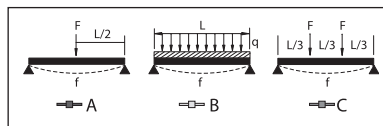
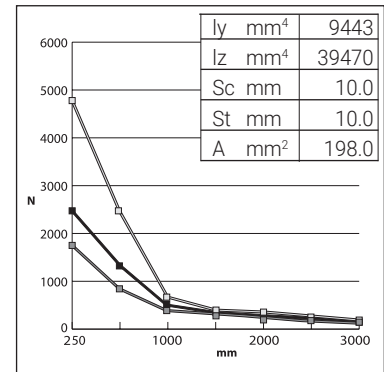
* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

Technical Information

LOADS DATA FOR C-PROFILE

E5 | 20 X 36 MM | T = 3.0 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
250	2417	6890	2417	4835	11023	4835	1813	4044	1813
500	1209	1722	1209	2417	2756	2417	907	1011	907
750	806	766	766	1612	1225	1225	604	449	449
1000	604	431	431	1209	689	689	453	253	253
1250	483	276	276	967	441	441	363	162	162
1500	403	191	191	806	306	306	302	112	112
1750	345	141	141	691	225	225	259	83	83
2000	302	108	108	604	172	172	227	63	63
2250	269	85	85	537	136	136	201	50	50
2500	242	69	69	483	110	110	181	40	40
2750	220	57	57	440	91	91	165	33	33
3000	201	48	48	403	77	77	151	28	28



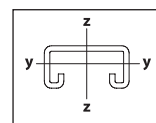
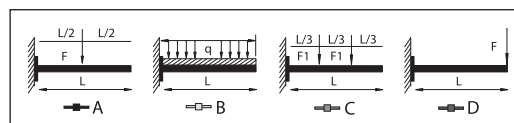
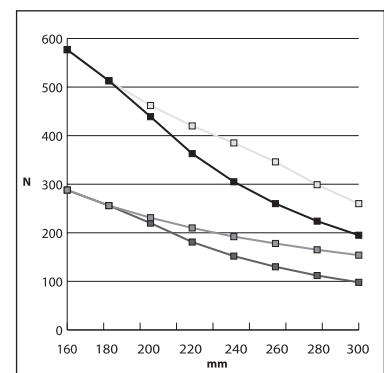
$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$

LOADS DATA FOR C-CANTILEVER

C-EOL | 18 X 27 MM | T = 1.25 MM

L (mm)	loading case A			loading case B			loading case C			loading case D		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
160	577	686	577	577	915	577	288	1164	288	288	343	288
180	513	542	513	513	723	513	256	920	256	256	271	256
200	462	439	439	462	585	462	231	745	231	231	220	220
220	420	363	363	420	484	420	210	616	210	210	181	181
240	385	305	305	385	407	385	192	517	192	192	152	152
260	355	260	260	355	346	346	178	441	178	178	130	130
280	330	224	224	330	299	299	165	380	165	165	112	112
300	308	195	195	308	260	260	154	331	154	154	98	98

ly mm ⁴	8791
lz mm ⁴	2788
Sc mm	8.336
St mm	9.665
A mm ²	65.57



$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = l/200$

* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

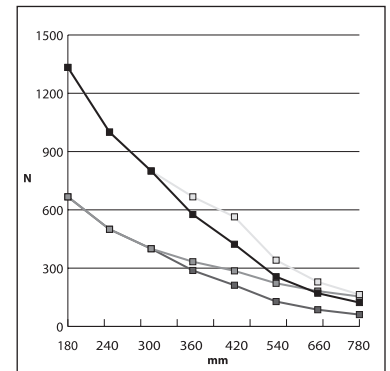
Technical Information

LOADS DATA FOR C-CANTILEVER

C-E0 | 30 X 27 MM | T = 1.5 MM

L (mm)	F from allowable tension (N)*	loading case A		F from allowable tension (N)*	loading case B		F from allowable tension (N)*	loading case C		F from allowable tension (N)*	loading case D	
		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)
180	1333	2305	1333	1333	3073	1333	667	3910	667	667	1152	667
240	1000	1296	1000	1000	1729	1000	500	2199	500	500	648	500
300	800	830	800	800	1106	800	400	1408	400	400	415	400
360	667	576	576	667	768	667	333	977	333	333	288	288
420	571	423	423	571	564	564	286	718	286	286	212	212
540	444	256	256	444	341	341	222	434	222	222	128	128
660	364	171	171	364	229	229	182	291	182	182	86	86
780	308	123	123	308	164	164	154	208	154	154	61	61

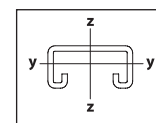
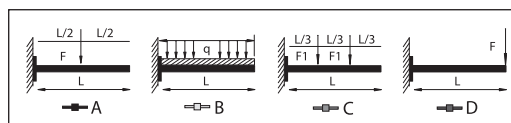
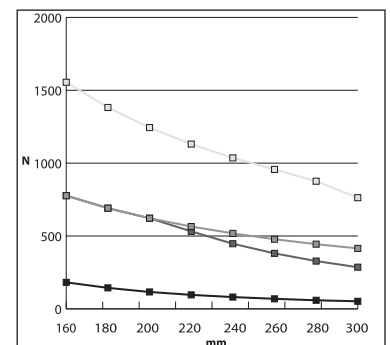
ly mm ⁴	15800
lz mm ⁴	11853
Sc mm	14.194
St mm	15.807
A mm ²	111.73



C-E2 | 20 X 24 MM | T = 2.4 MM

L (mm)	F from allowable tension (N)*	loading case A		F from allowable tension (N)*	loading case B		F from allowable tension (N)*	loading case C		F from allowable tension (N)*	loading case D	
		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)
160	4068	182	182	1555	2682	1555	777	3412	777	777	1006	777
180	3616	144	144	1382	2119	1382	691	2696	691	691	795	691
200	3255	116	116	1244	1716	1244	622	2184	622	622	644	622
220	2959	96	96	1131	1418	1131	565	1805	565	565	532	532
240	2712	81	81	1036	1192	1036	518	1516	518	518	447	447
260	2504	69	69	957	1016	957	478	1292	478	478	381	381
280	2325	59	59	888	876	876	444	1114	444	444	328	328
300	2170	52	52	829	763	763	415	971	415	415	286	286

ly mm ⁴	29580
lz mm ⁴	8173
Sc mm	9.487
St mm	10.514
A mm ²	158.55



$\delta_{zul} = 160 \text{ N/mm}$
 $f_{zul} = l/200$

* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

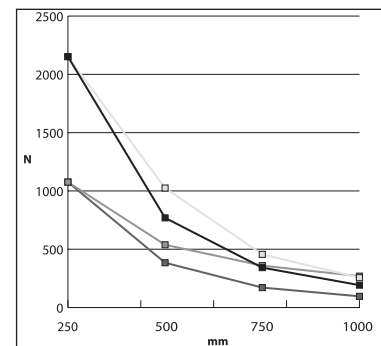
Technical Information

LOADS DATA FOR C-CANTILEVER

C-E3 | 35 X 35 MM | T = 2.0 MM

L (mm)	F from allowable tension (N)*	loading case A		F from allowable tension (N)*	loading case B		F from allowable tension (N)*	loading case C		F from allowable tension (N)*	loading case D	
		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)
250	2152	3075	2152	2152	4101	2152	1076	5217	1076	1076	1538	1076
500	1076	769	769	1076	1025	1025	538	1304	538	538	384	384
750	717	342	342	717	456	456	359	580	359	359	171	171
1000	538	192	192	538	256	256	269	326	269	269	96	96

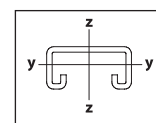
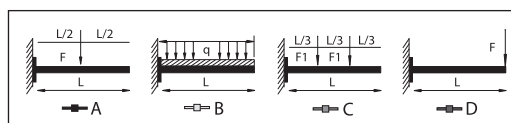
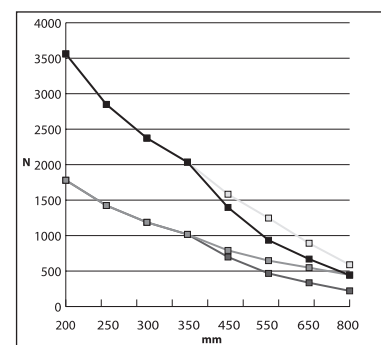
ly mm ⁴	43390
lz mm ⁴	30510
Sc mm	16.857
St mm	18.144
A mm ²	195.47



C-E4 | 40 X 38 MM | T = 2.0 MM

L (mm)	F from allowable tension (N)*	loading case A		F from allowable tension (N)*	loading case B		F from allowable tension (N)*	loading case C		F from allowable tension (N)*	loading case D	
		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)
200	3561	7070	3561	3561	9427	3561	1780	11994	1780	1780	3535	1780
250	2849	4525	2849	2849	6033	2849	1424	7676	1424	1424	2262	1424
300	2374	3142	2374	2374	4190	2374	1187	5331	1187	1187	1571	1187
350	2035	2309	2035	2035	3078	2035	1017	3916	1017	1017	1154	1017
450	1583	1397	1397	1583	1862	1583	791	2369	791	791	698	698
550	1295	935	935	1295	1247	1247	647	1586	647	647	467	467
650	1096	669	669	1096	892	892	548	1136	548	548	335	335
800	890	442	442	890	589	589	445	750	445	445	221	221

ly mm ⁴	58960
lz mm ⁴	44890
Sc mm	19.836
St mm	20.17
A mm ²	220.1



$\sigma_{zul} = 160 \text{ N/mm}^2$
 $f_{zul} = 1/200$

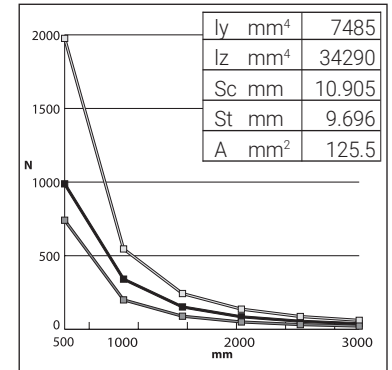
* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

Technical Information

LOADS DATA FOR ERISTRUT PROFILE

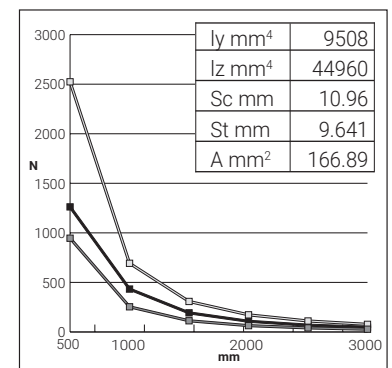
C15 (LDC) | 21 X 41 MM | T = 1.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	988	1365	988	1976	2184	1976	741	801	741
1000	494	341	341	988	546	546	371	200	200
1500	329	152	152	659	243	243	247	89	89
2000	247	85	85	494	137	137	185	50	50
2500	198	55	55	395	87	87	148	32	32
3000	165	38	38	329	61	61	124	22	22
3500	141	28	28	282	45	45	106	16	16
4000	124	21	21	247	34	34	93	13	13
4500	110	17	17	220	27	27	82	10	10
5000	99	14	14	198	22	22	74	8	8
5500	90	11	11	180	18	18	67	7	7
6000	82	9	9	165	15	15	62	6	6



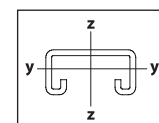
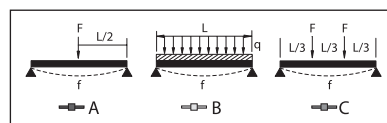
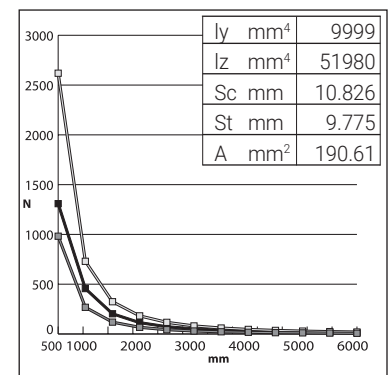
C20 (MDC) | 41 X 41 MM | T = 2.0 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	1262	1734	1262	2524	2774	2524	946	1018	946
1000	631	433	433	1262	693	693	473	254	254
1500	421	193	193	841	308	308	315	113	113
2000	315	108	108	631	173	173	237	64	64
2500	252	69	69	505	111	111	189	41	41
3000	210	48	48	421	77	77	158	28	28
3500	180	35	35	361	57	57	135	21	21
4000	158	27	27	315	43	43	118	16	16
4500	140	21	21	280	34	34	105	13	13
5000	126	17	17	252	28	28	95	10	10
5500	115	14	14	229	23	23	86	8	8
6000	105	12	12	210	19	19	79	7	7



C25 (DC) | 21 X 41 MM | T = 2.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	1309	1824	1309	2619	2918	2619	982	1070	982
1000	655	456	456	1309	730	730	491	268	268
1500	436	203	203	873	324	324	327	119	119
2000	327	114	114	655	182	182	245	67	67
2500	262	73	73	524	117	117	196	43	43
3000	218	51	51	436	81	81	164	30	30
3500	187	37	37	374	60	60	140	22	22
4000	164	28	28	327	46	46	123	17	17
4500	145	23	23	291	36	36	109	13	13
5000	131	18	18	262	29	29	98	11	11
5500	119	15	15	238	24	24	89	9	9
6000	109	13	13	218	20	20	82	7	7



$\delta_{zul} = 160 \text{ N/mm}$
 $f_{zul} = l/200$

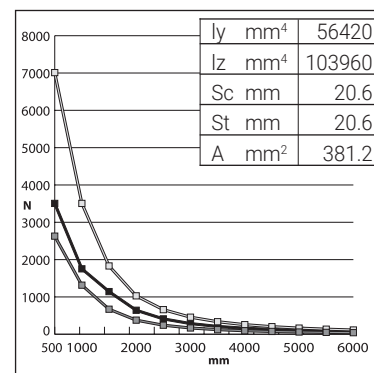
* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

Technical Information

LOADS DATA FOR ERISTRUT PROFILE

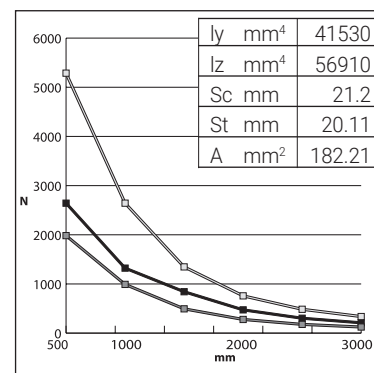
CC25 (DDC) | 2X 21 X 41 MM | T = 2.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	3506	10291	3506	7011	16466	7011	2629	6040	2629
1000	1753	2573	1753	3506	4116	3506	1315	1510	1315
1500	1169	1143	1143	2337	1830	1830	876	671	671
2000	876	643	643	1753	1029	1029	657	378	378
2500	701	412	412	1402	659	659	526	242	242
3000	584	286	286	1169	457	457	438	168	168
3500	501	210	210	1002	336	336	376	123	123
4000	438	161	161	876	257	257	329	94	94
4500	390	127	127	779	203	203	292	75	75
5000	351	103	103	701	165	165	263	60	60
5500	319	85	85	637	136	136	239	50	50
6000	292	71	71	584	114	114	219	42	42



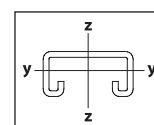
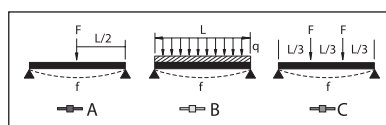
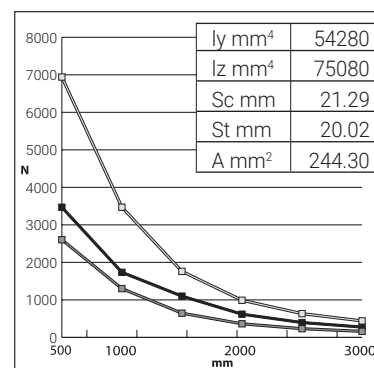
A15 (LAC) | 41 X 41 MM | T = 1.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	2643	7575	2643	5287	12120	5287	1983	4446	1983
1000	1322	1894	1322	2643	3030	2643	991	1112	991
1500	881	842	842	1762	1347	1347	661	494	494
2000	661	473	473	1322	758	758	496	278	278
2500	529	303	303	1057	485	485	397	178	178
3000	441	210	210	881	337	337	330	124	124
3500	378	155	155	755	247	247	283	91	91
4000	330	118	118	661	189	189	248	69	69
4500	294	94	94	587	150	150	220	55	55
5000	264	76	76	529	121	121	198	44	44
5500	240	63	63	481	100	100	180	37	37
6000	220	53	53	441	84	84	165	31	31



A20 (MAC) | 41 X 41 MM | T = 2.0 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	3470	9901	3470	6941	15841	6941	2603	5811	2603
1000	1735	2475	1735	3470	3960	3470	1301	1453	1301
1500	1157	1100	1100	2314	1760	1760	868	646	646
2000	868	619	619	1735	990	990	651	363	363
2500	694	396	396	1388	634	634	521	232	232
3000	578	275	275	1157	440	440	434	161	161
3500	496	202	202	992	323	323	372	119	119
4000	434	155	155	868	248	248	325	91	91
4500	386	122	122	771	196	196	289	72	72
5000	347	99	99	694	158	158	260	58	58
5500	315	82	82	631	131	131	237	48	48
6000	289	69	69	578	110	110	217	40	40



$\sigma_{zul} = 160 \text{ N/mm}$
 $f_{zul} = l/200$

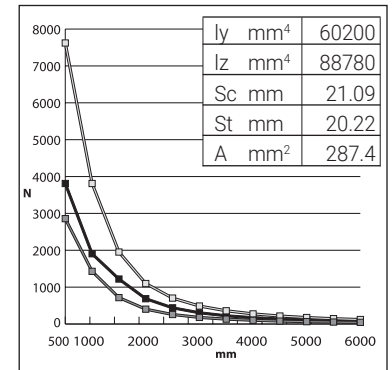
* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

Technical Information

LOADS DATA FOR ERISTRUT PROFILE

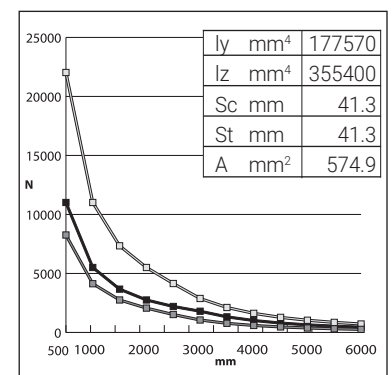
A25 (AC) | 41 X 41 MM | T = 2.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	3811	10980	3811	7622	17569	7622	2858	6445	2858
1000	1905	2745	1905	3811	4392	3811	1429	1611	1429
1500	1270	1220	1220	2541	1952	1952	953	716	716
2000	953	686	686	1905	1098	1098	715	403	403
2500	762	439	439	1524	703	703	572	258	258
3000	635	305	305	1270	488	488	476	179	179
3500	544	224	224	1089	359	359	408	132	132
4000	476	172	172	953	275	275	357	101	101
4500	423	136	136	847	217	217	318	80	80
5000	381	110	110	762	176	176	286	64	64
5500	346	91	91	693	145	145	260	53	53
6000	318	76	76	635	122	122	238	45	45



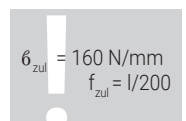
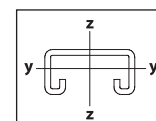
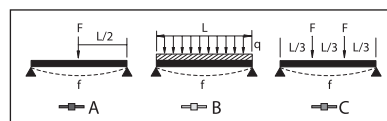
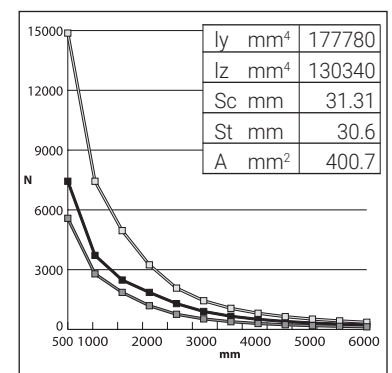
AA25 (AAC) | 2X 41 X 41 MM | T = 2.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	11015	64825	11015	22030	103720	22030	8261	38049	8261
1000	5507	16206	5507	11015	25930	11015	4131	9512	4131
1500	3672	7203	3672	7343	11524	7343	2754	4228	2754
2000	2754	4052	2754	5507	6482	5507	2065	2378	2065
2500	2203	2593	2203	4406	4149	4149	1652	1522	1522
3000	1836	1801	1801	3672	2881	2881	1377	1057	1057
3500	1574	1323	1323	3147	2117	2117	1180	777	777
4000	1377	1013	1013	2754	1621	1621	1033	595	595
4500	1224	800	800	2448	1280	1280	918	470	470
5000	1101	648	648	2203	1037	1037	826	380	380
5500	1001	536	536	2003	857	857	751	314	314
6000	918	450	450	1836	720	720	688	264	264



D25 (MC) | 62 X 41 MM | T = 2.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	7437	32427	7437	14873	51883	14873	5577	19033	5577
1000	3718	8107	3718	7437	12971	7437	2789	4758	2789
1500	2479	3603	2479	4958	5765	4958	1859	2115	1859
2000	1859	2027	1859	3718	3243	3243	1394	1190	1190
2500	1487	1297	1297	2975	2075	2075	1115	761	761
3000	1239	901	901	2479	1441	1441	930	529	529
3500	1062	662	662	2125	1059	1059	797	388	388
4000	930	507	507	1859	811	811	697	297	297
4500	826	400	400	1653	641	641	620	235	235
5000	744	324	324	1487	519	519	558	190	190
5500	676	268	268	1352	429	429	507	157	157
6000	620	225	225	1239	360	360	465	132	132



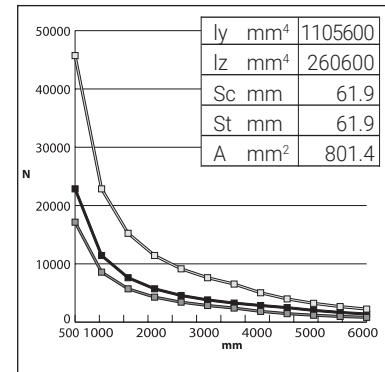
* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

Technical Information

LOADS DATA FOR ERISTRUT PROFILE

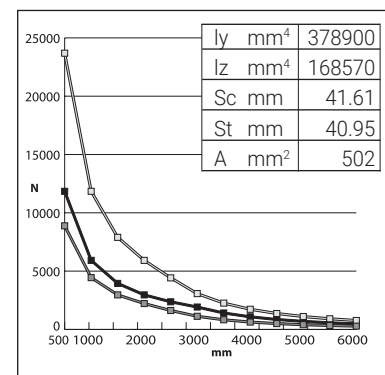
DD25 (MMC) | 2X 62 X 41 MM | T = 2.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	22862	201661	22862	45724	322658	45724	17147	118366	17147
1000	11431	50415	11431	22862	80665	22862	8573	29591	8573
1500	7621	22407	7621	15241	35851	15241	5716	13152	5716
2000	5716	12604	5716	11431	20166	11431	4287	7398	4287
2500	4572	8066	4572	9145	12906	9145	3429	4735	3429
3000	3810	5602	3810	7621	8963	7621	2858	3288	2858
3500	3266	4116	3266	6532	6585	6532	2450	2416	2416
4000	2858	3151	2858	5716	5042	5042	2143	1849	1849
4500	2540	2490	2490	5080	3983	3983	1905	1461	1461
5000	2286	2017	2017	4572	3227	3227	1715	1184	1184
5500	2078	1667	1667	4157	2667	2667	1559	978	978
6000	1905	1400	1400	3810	2241	2241	1429	822	822



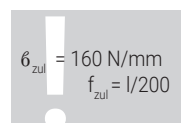
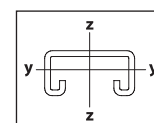
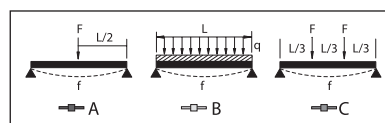
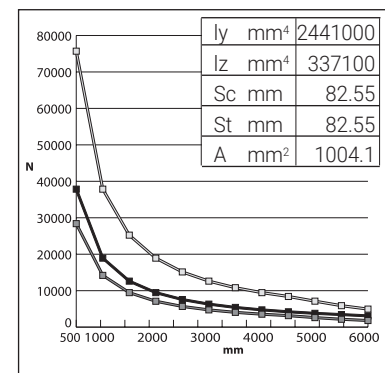
E25 (KC) | 83 X 41 MM | T = 2.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	11844	69111	11844	23687	110578	23687	8883	40565	8883
1000	5922	17278	5922	11844	27645	11844	4441	10141	4441
1500	3948	7679	3948	7896	12286	7896	2961	4507	2961
2000	2961	4319	2961	5922	6911	5922	2221	2535	2221
2500	2369	2764	2369	4737	4423	4423	1777	1623	1623
3000	1974	1920	1920	3948	3072	3072	1480	1127	1127
3500	1692	1410	1410	3384	2257	2257	1269	828	828
4000	1480	1080	1080	2961	1728	1728	1110	634	634
4500	1316	853	853	2632	1365	1365	987	501	501
5000	1184	691	691	2369	1106	1106	888	406	406
5500	1077	571	571	2153	914	914	808	335	335
6000	987	480	480	1974	768	768	740	282	282



EE25 (KKC) | 2X 83 X 41 MM | T = 2.5 MM

L (mm)	loading case A			loading case B			loading case C		
	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	F from allowable deflection (N)	allowable load (N)
500	37850	445238	37850	75699	712381	75699	28387	261333	28387
1000	18925	111310	18925	37850	178095	37850	14194	65333	14194
1500	12617	49471	12617	25233	79153	25233	9462	29037	9462
2000	9462	27827	9462	18925	44524	18925	7097	16333	7097
2500	7570	17810	7570	15140	28495	15140	5677	10453	5677
3000	6308	12368	6308	12617	19788	12617	4731	7259	4731
3500	5407	9086	5407	10814	14538	10814	4055	5333	4055
4000	4731	6957	4731	9462	11131	9462	3548	4083	3548
4500	4206	5497	4206	8411	8795	8411	3154	3226	3154
5000	3785	4452	3785	7570	7124	7124	2839	2613	2613
5500	3441	3680	3441	6882	5887	5887	2581	2160	2160
6000	3154	3092	3092	6308	4947	4947	2366	1815	1815



* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

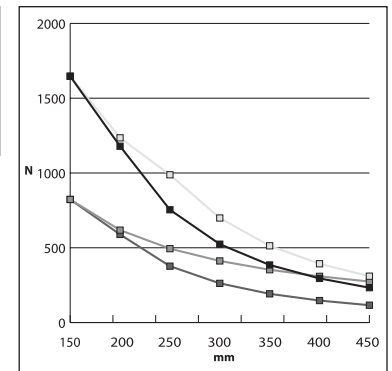
Technical Information

LOADS DATA FOR ERISTRUT CANTILEVER

KC15 (CLDC) | 21 X 41 MM | T = 1.5 MM

L (mm)	F from allowable tension (N)*	loading case A F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case B F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case C F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case D F from allowable deflection (N)	allowable load (N)
150	1647	2096	1647	1647	2794	1647	823	3555	823	823	1048	823
200	1235	1179	1179	1235	1572	1235	618	2000	618	618	589	589
250	988	754	754	988	1006	988	494	1280	494	494	377	377
300	823	524	524	823	699	699	412	889	412	412	262	262
350	706	385	385	706	513	513	353	653	353	353	192	192
400	618	295	295	618	393	393	309	500	309	309	147	147
450	549	233	233	549	310	310	274	395	274	274	116	116

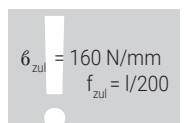
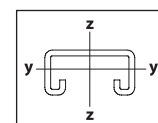
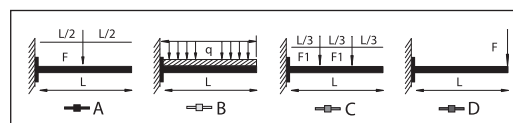
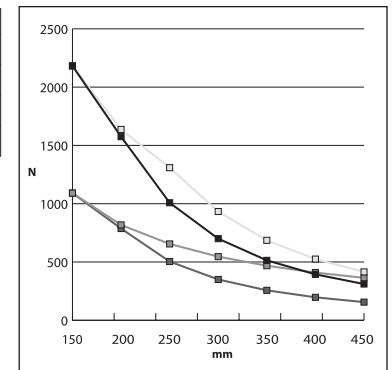
ly mm ⁴	7485
lz mm ⁴	34290
Sc mm	10.905
St mm	9.696
A mm ²	125.5



KC25 (CDC) | 21 X 41 MM | T = 2.5 MM

L (mm)	F from allowable tension (N)*	loading case A F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case B F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case C F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case D F from allowable deflection (N)	allowable load (N)
150	2182	2800	2182	2182	3733	2182	1091	4750	1091	1091	1400	1091
200	1637	1575	1575	1637	2100	1637	818	2672	818	818	787	787
250	1309	1008	1008	1309	1344	1309	655	1710	655	655	504	504
300	1091	700	700	1091	933	933	546	1187	546	546	350	350
350	935	514	514	935	686	686	468	872	468	468	257	257
400	818	394	394	818	525	525	409	668	409	409	197	197
450	727	311	311	727	415	415	364	528	364	364	156	156

ly mm ⁴	9999
lz mm ⁴	51980
Sc mm	10.826
St mm	9.775
A mm ²	190.61



* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

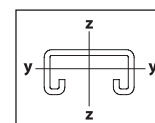
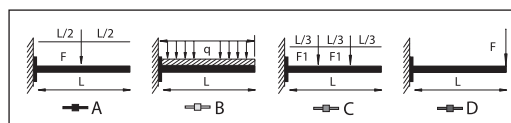
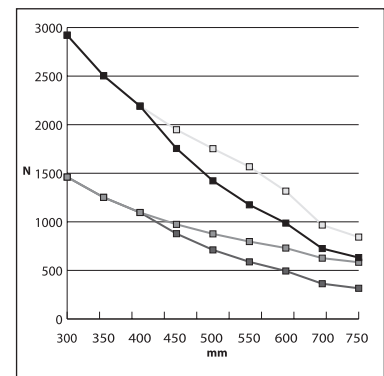
Technical Information

LOADS DATA FOR ERISTRUT CANTILEVER

KCC25 (CDDC) | 2X 21 X 41 MM | T = 2.5 MM

L (mm)	F from allowable tension (N)*	loading case A F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case B F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case C F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case D F from allowable deflection (N)	allowable load (N)
300	2921	3949	2921	2921	5266	2921	1461	6700	1461	1461	1975	1461
350	2504	2902	2504	2504	3869	2504	1252	4922	1252	1252	1451	1252
400	2191	2222	2191	2191	2962	2191	1096	3769	1096	1096	1111	1096
450	1948	1755	1755	1948	2340	1948	974	2978	974	974	878	878
500	1753	1422	1422	1753	1896	1753	876	2412	876	876	711	711
550	1594	1175	1175	1594	1567	1567	797	1993	797	797	588	588
600	1461	987	987	1461	1316	1316	730	1675	730	730	494	494
700	1252	725	725	1252	967	967	626	1231	626	626	363	363
750	1169	632	632	1169	843	843	584	1072	584	584	316	316

ly mm ⁴	56420
lz mm ⁴	103960
Sc mm	20.6
St mm	20.6
A mm ²	381.2



$\sigma_{zul} = 160 \text{ N/mm}$
 $f_{zul} = l/200$

* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

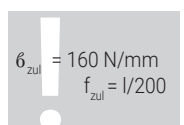
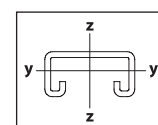
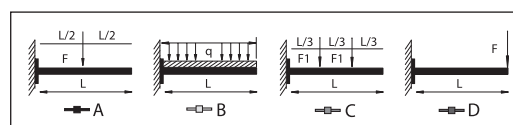
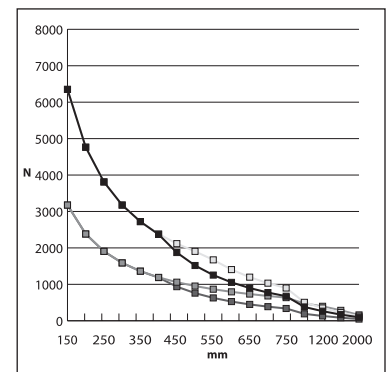
Technical Information

LOADS DATA FOR ERISTRUT CANTILEVER

KA25 (CAC) | 41 X 41 MM | T = 2.5 MM

L (mm)	F from allowable tension (N)*	loading case A F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case B F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case C F from allowable deflection (N)	allowable load (N)	F from allowable tension (N)*	loading case D F from allowable deflection (N)	allowable load (N)
150	6351	16856	6351	6351	22475	6351	3176	28595	3176	3176	8428	3176
200	4764	9482	4764	4764	12642	4764	2382	16085	2382	2382	4741	2382
250	3811	6068	3811	3811	8091	3811	1905	10294	1905	1905	3034	1905
300	3176	4214	3176	3176	5619	3176	1588	7149	1588	1588	2107	1588
350	2722	3096	2722	2722	4128	2722	1361	5252	1361	1361	1548	1361
400	2382	2370	2370	2382	3161	2382	1191	4021	1191	1191	1185	1185
450	2117	1873	1873	2117	2497	2117	1059	3177	1059	1059	936	936
500	1905	1517	1517	1905	2023	1905	953	2574	953	953	759	759
550	1732	1254	1254	1732	1672	1672	866	2127	866	866	627	627
600	1588	1054	1054	1588	1405	1405	794	1787	794	794	527	527
650	1466	898	898	1466	1197	1197	733	1523	733	733	449	449
700	1361	774	774	1361	1032	1032	681	1313	681	681	387	387
750	1270	674	674	1270	899	899	635	1144	635	635	337	337
1000	953	379	379	953	506	506	476	643	476	476	190	190
1200	794	263	263	794	351	351	397	447	397	397	132	132
1500	635	169	169	635	225	225	318	286	286	318	84	84
2000	476	95	95	476	126	126	238	161	161	238	47	47

I _y mm ⁴	60200
I _z mm ⁴	88780
Sc mm	21.09
St mm	20.22
A mm ²	287.4



* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

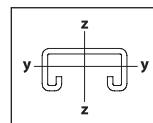
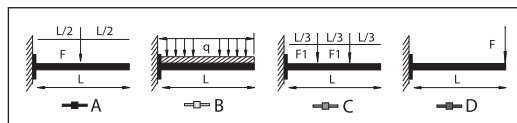
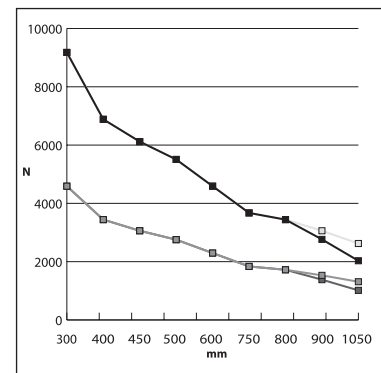
Technical Information

LOADS DATA FOR ERISTRUT CANTILEVER

KAA25 (CAAC) | 2X 41 X 41 MM | T = 1.5 MM

L (mm)	F from allowable tension (N)*	loading case A		F from allowable tension (N)*	loading case B		F from allowable tension (N)*	loading case C		F from allowable tension (N)*	loading case D	
		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)
300	9179	24878	9179	9179	33171	9179	4590	42204	4590	4590	12439	4590
400	6884	13994	6884	6884	18659	6884	3442	23740	3442	3442	6997	3442
450	6119	11057	6119	6119	14743	6119	3060	18757	3060	3060	5528	3060
500	5507	8956	5507	5507	11941	5507	2754	15193	2754	2754	4478	2754
600	4590	6220	4590	4590	8293	4590	2295	10551	2295	2295	3110	2295
750	3672	3980	3672	3672	5307	3672	1836	6753	1836	1836	1990	1836
800	3442	3498	3442	3442	4665	3442	1721	5935	1721	1721	1749	1721
900	3060	2764	2764	3060	3686	3060	1530	4689	1530	1530	1382	1382
1050	2623	2031	2031	2623	2708	2623	1311	3445	1311	1311	1015	1015

ly mm ⁴	177570
lz mm ⁴	355400
Sc mm	41.3
St mm	41.3
A mm ²	574.9

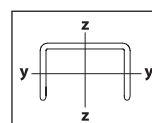
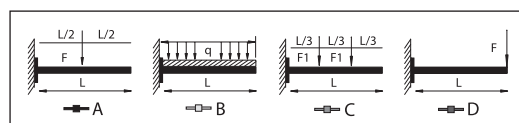


$$\delta_{zul} = 160 \text{ N/mm}$$

$$f_{zul} = l/200$$

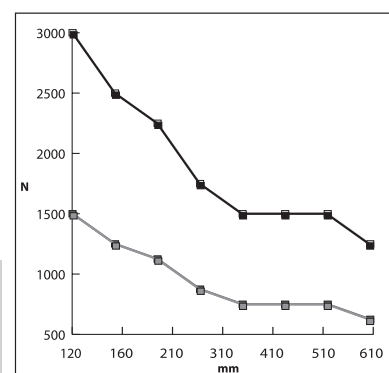
CTRI | T = 1.5 MM

L (mm)	F from allowable tension (N)*	loading case A		F from allowable tension (N)*	loading case B		F from allowable tension (N)*	loading case C		F from allowable tension (N)*	loading case D	
		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)		F from allowable deflection (N)	allowable load (N)
120	9179	24878	3000	9179	33171	3000	4590	42204	1500	4590	12439	1500
160	6884	13994	2500	6884	18659	2500	3442	23740	1250	3442	6997	1250
210	6119	11057	2250	6119	14743	2250	3060	18757	1125	3060	5528	1125
260	5507	8956	1750	5507	11941	1750	2754	15193	875	2754	4478	875
310	4590	6220	1500	4590	8293	1500	2295	10551	750	2295	3110	750
410	3672	3980	1500	3672	5307	1500	1836	6753	750	1836	1990	750
510	3442	3498	1500	3442	4665	1500	1721	5935	750	1721	1749	750
610	3060	2764	1250	3060	3686	1250	1530	4689	625	1530	1382	625



$$\delta_{zul} = 160 \text{ N/mm}$$

$$f_{zul} = l/200$$



* All load ratings in NEWTON (N). The Load based on allowable tension is based on the material yield, an additional Safety Factor of 2 is recommended.

Technical Information

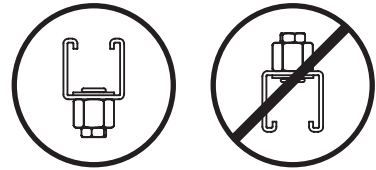
LOADS DATA FOR ROD LOCK STRUT

STRUT TYPE: C | 21 X 41 MM | STRUT THICKNESS = 1.5 MM

Part Number	Article Number	Rod Size	Span Between Two Rods A (mm)	Overall Strut Length L (mm)	F* (N)
CRLP1M8L550	390029	M8	550	600	2306
CRLP1M8L750	390030	M8	750	800	1307
CRLP1M10L550	390035	M10	550	600	2306
CRLP1M10L750	390036	M10	750	800	1307

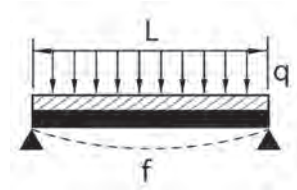
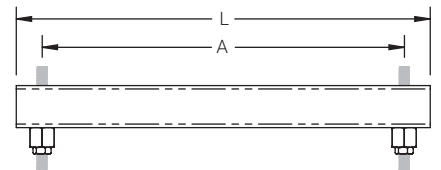
Note:

Product must be installed with the open side of the channel facing up.



STRUT TYPE: A | 41 X 41 MM | STRUT THICKNESS = 2.5 MM

Part Number	Article Number	Rod Size	Span Between Two Rods A (mm)	Overall Strut Length L (mm)	F* (N)
CRLP2M8L550	390031	M8	550	600	7484
CRLP2M8L750	390032	M8	750	800	5488
CRLP2M8L950	390033	M8	950	1000	4333
CRLP2M8L1050	390034	M8	1050	1100	3920
CRLP2M10L550	390037	M10	550	600	7484
CRLP2M10L750	390038	M10	750	800	5488
CRLP2M10L950	390039	M10	950	1000	4333
CRLP2M10L1050	390040	M10	1050	1100	3920



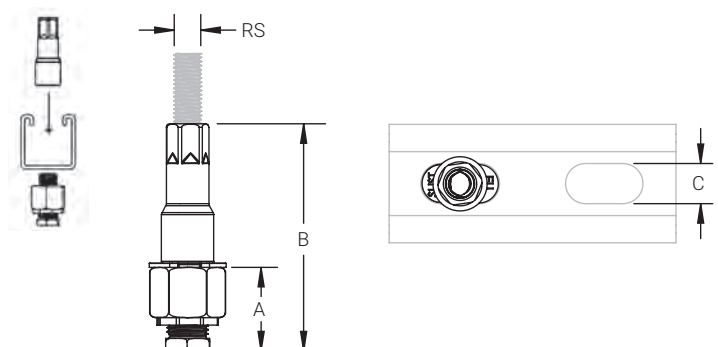
* All load ratings in NEWTON (N). The Capacity ratings for strut (F) assumes a uniformly distributed load and includes a hole factor of 0.92 ; it is based on the material yield and maximum allowable deflection, an additional Safety Factor of 2 is recommended. For indoor applications only..

LOADS DATA FOR ROD LOCK STRUT NUT

Part Number	Article Number	Rod Size	A	B	C	Strut Channel Profile	Strut Channel Thickness	Required strut slot width*	Load Rating
CRLSLM8EG	390041	M8	30.2 mm	82.2 mm	14 mm	A - Type (41 x 41 mm)	1.5 mm	14 mm	3,400 N
							2.0 mm	14 mm	4,000 N
							2.5 mm	14 mm	4,900 N
CRLSSM8EG	390043	M8	30.2 mm	64.4 mm	14 mm	C - Type (21 x 41 mm)	1.5 mm	14 mm	3,400 N
							2.0 mm	14 mm	4,000 N
							2.5 mm	14 mm	4,900 N
CRLSLM10EG	390042	M10	30.2 mm	82.2 mm	14 mm	A - Type (41 x 41 mm)	1.5 mm	14 mm	3,400 N
							2.0 mm	14 mm	4,000 N
							2.5 mm	14 mm	6,200 N
CRLSSM10EG	390044	M10	30.2 mm	64.4 mm	14 mm	C - Type (21 x 41 mm)	1.5 mm	14 mm	3,400 N
							2.0 mm	14 mm	4,000 N
							2.5 mm	14 mm	6,200 N

Must be installed with the open side of the strut channel facing up.

Rod lock Strut Nuts must be installed at a minimum of 1" (25.4 mm) from both ends of the strut channel.



Technical Information

SPRING STEEL CLIPS

Description

nVent CADDY clips are manufactured from heat treated spring steel and, as a single or combined fixing system will primarily apply to steel beam applications.

The fixing method relies on the use of the spring retention force, loads of up to 90 kg (with a 4:1 safety factor unless stated otherwise) can be carried through the clamping force.

Installation Advice

The installation of nVent CADDY spring steel clips is simple and easy:

In each box of product you will find an instruction sheet with appropriate technical information.

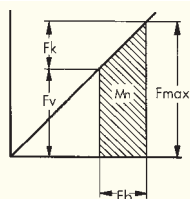
Basic Guidelines

NVENT CADDY DOES NOT RECOMMEND THE INSTALLATION OF NVENT CADDY CLIPS ONTO ALUMINIUM SECTION:

- Because aluminium is a softer material, the clamping effect would be reduced.
 - The bi-metal connection between the aluminium and zinc coated clips would create a galvanic corrosive reaction causing the aluminium to corrode.
 - Spring steel fasteners are for indoor use in non-corrosive environments. Mild steel fasteners can be used outdoors in humid or mildly corrosive environments. Not to be used in certain areas such as over indoor pools, etc.
- nVent CADDY Clips should not be re-used after removal.

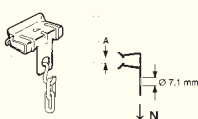
NEVER APPLY ADDITIONAL HOT DIP GALVANISING TO SPRING STEEL CLIPS:

- This would reduce or eliminate the spring steel retention force.
- The appropriate corrosion protection has already been applied.

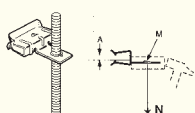


Explanation of the diagram:

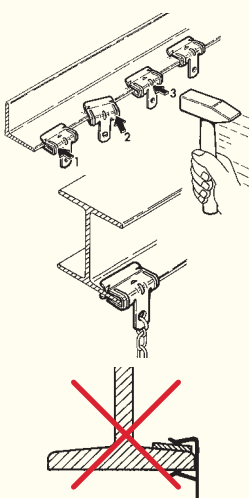
- pre-tension - **Fv**
- clamping force - **Fk**
- max. spring tension - **Fmax**
- clamping range - **Fb**
- usable action of spring - **Mn**



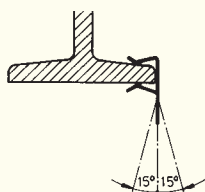
Code	A (mm)	↓ N
2H4	2-3	700
4H24	3-8	900
4H58	8-14	900
4H912	14-20	900



Code	A (mm)	M	↓ N
4H24i	3-8	M6	150
4H58i	8-14	M6	150



Do not insert any secondary component between the beam and the nVent CADDY clip.



Up to a 15 degree inclination from the vertical axis is acceptable.

"BOLT ON"

Description

For the installation of this type of nVent CADDY fixing, some technical details have to be taken into consideration.

In particular the torque required, as indicated on the required technical information.

Installation Advice

The 8.8 grade high tensile steel screw has a cupped or hollow cone point of contact to EN ISO 4753 (CP).

This ensures a constant contact pressure with a high resistance to loosening or unscrewing.

The endurance of a clamped connection is determined by the torque required.

By tightening the bolt, an initial stress F1 is applied to the clamp.

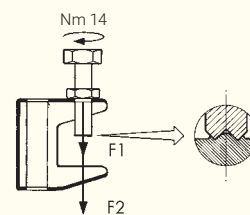
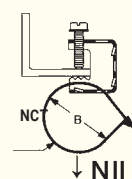
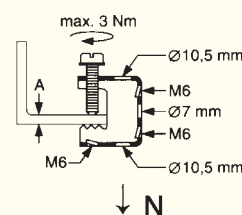
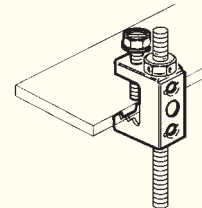
If the initial stress F1 and the load F2 are on or close to the same axis or close to each other, the following formula applies:

Indirect Clamp

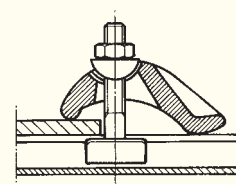
In this application, the bolt setting forces are transferred to the clamping component.

Bolts to tensile stress are 8.8 grade high tensile steel, to DIN ISO 939.

In most applications, nVent CADDY clamping components are tightened with an open-ended or ring spanner. The table below gives a "guideline value" derived from experience for the force and leverage length required for grades 6.8 and 8.8.



Bolt grade 8.8 high tensile steel, EN ISO 898-1



Screw Size	Manual Force (N)	Wrench Length (mm)
M6	375	110
M8	380	120
M10	390	170
M12	400	260
M16	430	530

2H4	174	4H912CTBRS1	68	010M8S4	214	24SC1518	65
2H4CT	69	4H912CTBW	68	010M10	214	24SC1924	65
2H4CTBB	68	4H912CTIN	69	010M10HD	214	24SC2530	65
2H4CTBW	68	4H912CTS1	69	010M10S4	214	025DM6EG	206
2H4CTIN	69	4H912CTSP25	69	010M12	214	025DM8EG	206
2H4ST3	71	4H912S1	174	010M12HD	214	025DM8S4	206
2H41012A	70	4H912SP25	174	010M12S4	214	025DM10EG	206
2H41012B	70	4H912ST3	71	010M16	214	025DM10S4	206
2H41214A	70	4H912ST3S1	71	12EM24S1	59	025DM12EG	206
2H41214B	70	4H912ST3SP25	71	12EM58S1	59	025DM16EG	206
4BRT32WS	155	4H241012A	70	12EM912S1	59	025IM8EG	205
4G16	105	4H241012B	70	12M24SMS1	60	025IM10EG	205
4G16H	105	4H241214A	70	12M58SMS1	60	025IM12EG	205
4G16HWH	105	4H241214B	70	12M912SMS1	60	025IM16EG	205
4G16LS	104	4J15M	107	12MS1	81	025M6EG	205
4G16M7	104	4J2438	181	12P	80	025M8EG	205
4G16M11	104	4J2438SM	181	12P4IN	58	025M10EG	205
4G16M11WH	104	4MA4	176	12P4SM	57	025M12EG	205
4G16M16	104	4MA24	176	12P12P	83	025M16EG	205
4G16M16WH	104	4MEBN	210	12P16P	83	32EM24	59
4G16M25	104	4TGS	108	12P24	56	32EM58	59
4G16M38	104	4Z34	200	12P24SM	57	32EM912	59
4G16M76	104	4Z34CTS	95	12P58	56	32M	81
4G16WH	105	4Z346M	79	12P58SM	57	32M4SM	60
4G16WN	105	4Z34812M	79	12P912	56	32M24SM	60
4G24H	107	5LSC10	64	12P912SM	57	32M58SM	60
4G24HWH	107	6EM24	59	12PSF	72	32M912SM	60
4G24HWHSP25	107	6EM58	59	12PZSF	73	035RS300	163
4G24M11	106	6EM912	59	16EM24	59	038M0010EG	182
4G24M11WH	106	6LSC8	64	16EM58	59	042H8050	210
4G24M16	106	6M	81	16EM912	59	042H8065	210
4G24M16SP25	106	6M4SM	60	16M	81	042H8080	210
4G24M16WH	106	6M24SM	60	16M4SM	60	042H10100	210
4G24M16WHSP25	106	6M58SM	60	16M24SM	60	47SC67	65
4G24M25	106	6M912SM	60	16M58SM	60	47SC78	65
4G24M25WH	106	6MEBN	210	16M912SM	60	47SC89	65
4G24M25WHSP25	106	6MPCS1	79	16MSF	71	47SC910	65
4G24M38	106	6MSF	71	16MZSF	72	47SC1011	65
4G24WN	106	6MZSF	72	16P	80	47SC1214	65
4H24	174	6WN	108	16P4IN	58	47SC1518	65
4H24CT	69	6WNSP25	108	16P4SM	57	47SC1924	65
4H24CTBB	68	6Z34	200	16P16P	83	47SC2530	65
4H24CTBRS1	68	6Z34CTS	95	16P24	56	050M61000	202
4H24CTBW	68	6Z346M	79	16P24SM	57	050M61000S4	202
4H24CTIN	69	6Z34812M	79	16P58	56	050M62000	202
4H24CTS1	69	8EM24S1	59	16P58SM	57	050M62000S4	202
4H24CTSP25	69	8EM58S1	59	16P912	56	050M63000	202
4H24I	175	8EM912S1	59	16P912SM	57	050M81000	202
4H24IM11	175	8M24SMS1	60	16PSF	72	050M81000S4	202
4H24S1	174	8M58SMS1	60	16PZSF	73	050M82000	202
4H24SP25	174	8M912SMS1	60	20EM24	59	050M82000S4	202
4H24ST3	71	8MEBN	210	20EM58	59	050M83000	202
4H24ST3S1	71	8MS1	81	20EM912	59	050M101000	202
4H24ST3SP25	71	8P	80	20M	81	050M101000HD	202
4H58	174	8P4IN	58	20M4SM	60	050M101000S4	202
4H58CT	69	8P4SM	57	20M24SM	60	050M102000	202
4H58CTBB	68	8P8P	83	20M58SM	60	050M102000S4	202
4H58CTBRS1	68	8P12P	83	20M912SM	60	050M103000	202
4H58CTBW	68	8P16P	83	24EM24	59	050M121000	202
4H58CTIN	69	8P24	56	24EM58	59	050M121000HD	202
4H58CTS1	69	8P24IN	58	24EM912	59	050M121000S4	202
4H58CTSP25	69	8P24SM	57	24M	81	050M122000	202
4H58I	175	8P58	56	24M4SM	60	050M122000S4	202
4H58IM11	175	8P58IN	58	24M24SM	60	050M123000	202
4H58S1	174	8P58SM	57	24M58SM	60	050M161000	202
4H58SP25	174	8P912	56	24M912SM	60	051M8025	203
4H58ST3	71	8P912SM	57	24SC67	65	051M8040	203
4H58ST3S1	71	8PSF	72	24SC78	65	051M8060	203
4H58ST3SP25	71	8PZSF	73	24SC89	65	051M8070	203
4H912	174	010M6	214	24SC910	65	051M8080	203
4H912CT	69	010M6S4	214	24SC1011	65	051M8090	203
4H912CTBB	68	010M8	214	24SC1214	65	051M8100	203

051M8120.....	203	812M58SM.....	60	6300SWHD.....	169	1080125EG.....	328
051M8150.....	203	812M912SM.....	60	6400AAHD.....	168	1080150EG.....	328
051M8200.....	203	812MATA.....	99	6400CCHD.....	168	1080200EG.....	328
051M10025.....	203	812MATS.....	99	6400SWHD.....	169	1090075EG.....	329
051M10040.....	203	812MF.....	113	6500AAHD.....	168	1090100EG.....	329
051M10060.....	203	812MSF.....	71	6500CCHD.....	168	1090125EG.....	329
051M10070.....	203	812MZSF.....	72	6500SWHD.....	169	1090150EG.....	329
051M10080.....	203	812PCS1.....	79	6600AAHD.....	168	1090200EG.....	329
051M10090.....	203	812SC67.....	65	6600CCHD.....	168	4010050EG.....	280
051M10100.....	203	812SC78.....	65	6800AAHD.....	168	4010075EG.....	280
051M10120.....	203	812SC89.....	65	6800CCHD.....	168	4010100EG.....	280
051M10150.....	203	812SC910.....	65	007020EG.....	327	4010125EG.....	280
051M12040.....	203	812SC1011.....	65	007025EG.....	327	4010150EG.....	280
051M12080.....	203	812SC1214.....	65	007028EG.....	327	4010200EG.....	280
051M12100.....	203	812SC1518.....	65	008017EG.....	326	4010250EG.....	280
051SM8020.....	203	812SC1924.....	65	008021EG.....	326	4010300EG.....	280
051SM8030.....	203	812SC2530.....	65	008027EG.....	326	4010350EG.....	280
051SM8050.....	203	01106EG.....	215	008034EG.....	326	4010400EG.....	280
051SM10040.....	203	01106S4.....	215	008042EG.....	326	4010500EG.....	280
051SM10050.....	203	01108EG.....	215	008048EG.....	326	4010600EG.....	280
051SM12050.....	203	01108S4.....	215	008060EG.....	326	4010800EG.....	280
115M0050EG.....	282	01110EG.....	215	12312P.....	76	4011000EG.....	280
115M0075EG.....	282	01110HD.....	215	12316M.....	76	4011200EG.....	280
115M0100EG.....	282	01110S4.....	215	12316P.....	76	4011400EG.....	280
115M0125EG.....	282	01112EG.....	215	12320M.....	76	4011600EG.....	280
115M0150EG.....	282	01112HD.....	215	30009MM.....	160	4011800EG.....	280
115M0200EG.....	282	01112S4.....	215	30011MM.....	160	4012000EG.....	280
115M0250EG.....	282	01116EG.....	215	30011MMSP5.....	160	4012400EG.....	280
115M0300EG.....	282	1236M.....	76	30013MM.....	160	4100100EG.....	281
115M0400EG.....	282	1238P.....	76	30017MM.....	160	4100125EG.....	281
115M0500EG.....	282	2001EG.....	455	31011MM.....	160	4100150EG.....	281
115M0600EG.....	282	2002EG.....	455	31013MM.....	160	4100200EG.....	281
115M0800EG.....	282	2003EG.....	455	32513MMEG.....	181	4100250EG.....	281
115N0050EG.....	283	2004EG.....	455	0120628.....	216	4100300EG.....	281
115N0075EG.....	283	2005EG.....	455	0120828.....	216	4100400EG.....	281
115N0100EG.....	283	2006EG.....	455	0120835.....	216	4100500EG.....	281
115N0125EG.....	283	2025EG.....	457	0120840.....	216	4100600EG.....	281
115N0150EG.....	283	2150EG.....	165	0121028.....	216	4100800EG.....	281
115N0200EG.....	283	2200EG.....	165	0121035.....	216	5100050EG.....	314
115N0250EG.....	283	2250EG.....	165	0121040.....	216	5100075EG.....	314
115N0300EG.....	283	2300EG.....	165	0121340.....	216	5100100EG.....	314
115N0400EG.....	283	2350EG.....	165	0121740.....	216	5100125EG.....	314
115N0500EG.....	283	2400EG.....	165	0122260.....	216	5100150EG.....	314
115N0600EG.....	283	3001EG.....	456	160000.....	177	5100200EG.....	314
115N0800EG.....	283	3002EG.....	456	160010.....	177	5100250EG.....	314
122.....	170	3003EG.....	456	160030.....	177	5100300EG.....	314
122M6MA.....	178	3004EG.....	456	160420.....	76	5100400EG.....	314
122M6TI.....	178	3009MMSP5.....	160	350000.....	175	5100500EG.....	314
122M8MA.....	178	3025EG.....	458	389001.....	320	5100600EG.....	314
122M8TI.....	178	3300EG.....	166	389002.....	320	5100800EG.....	314
122M10MA.....	178	3400EG.....	166	389003.....	320	5101000EG.....	314
122M10TI.....	178	3500EG.....	166	389004.....	320	005325275PL.....	113
122T10.....	178	3600EG.....	166	389005.....	320	7000250S4.....	315
123.....	171	5120HD.....	451	389006.....	320	A15H6000PG.....	390
300M6.....	160	5120S4.....	451	389007.....	320	A15L2000PG.....	390
300M6SP5.....	160	5190HD.....	445	389008.....	320	A15L2000S6.....	390
300M8.....	160	5190S6.....	445	389009.....	320	A15L3000HD.....	390
300M10.....	160	5300HD.....	167	389011.....	320	A15L3000PG.....	390
300M12.....	160	5300S4.....	167	389012.....	320	A15L6000HD.....	390
304B2.....	114	5400HD.....	167	389013.....	320	A15L6000PG.....	390
310M10.....	160	5400S4.....	167	389014.....	320	A20L2000PG.....	390
310M12.....	160	5500HD.....	167	389015.....	321	A20L3000PG.....	390
325M10HD.....	181	5500S4.....	167	389017.....	320	A20L6000PG.....	390
325M12HD.....	181	5600HD.....	167	389018.....	320	A25H2000PG.....	390
512A.....	103	5600S4.....	167	389071.....	321	A25H3000HD.....	390
512MM.....	102	5800HD.....	167	1070075EG.....	328	A25H3000PG.....	390
812EM24.....	59	5800S4.....	167	1070100EG.....	328	A25H4000HD.....	390
812EM58.....	59	6000HBHD.....	432	1070125EG.....	328	A25H4000PG.....	390
812EM912.....	59	6120HD.....	425	1070150EG.....	328	A25H6000HD.....	390
812M.....	81	6120S4.....	425	1070200EG.....	328	A25H6000PG.....	390
812M4SM.....	60	6300AAHD.....	168	1080075EG.....	328	A25H6000S6.....	390
812M24SM.....	60	6300CCHD.....	168	1080100EG.....	328	A25S3000HD.....	392

A25S3000PG.....	392	C15L3000PG.....	393	C44EU3.....	87	CAM16065.....	222
A25S6000HD.....	392	C15L6000PG.....	393	C44HW.....	91	CAM16065S6.....	222
A25S6000PG.....	392	C16EC.....	84	C44LW.....	90	CAT16HP.....	120
AA25H0300HD.....	391	C16ES.....	88	C45HD.....	92	CAT16HP4Z34.....	131
AA25H0400HD.....	391	C16EU.....	86	C45S4.....	92	CAT16HP6Z34.....	131
AA25H0500HD.....	391	C16EU2.....	87	C48EC.....	84	CAT16HP24.....	127
AA25H0600HD.....	391	C16EU3.....	87	C48ES.....	88	CAT16HP24SM.....	126
AA25H0800HD.....	391	C16GW.....	89	C48EU.....	86	CAT16HP58.....	127
AA25H1000HD.....	391	C16LW.....	90	C48GW.....	89	CAT16HP58SM.....	126
AA25H2000HD.....	391	C20EC.....	84	C48LW.....	90	CAT16HP123.....	130
AA25H3000HD.....	391	C20ERU.....	85	C52EC.....	84	CAT16HP912.....	127
AA25H3000PG.....	391	C20ERU2.....	85	C52ERU.....	85	CAT16HP912SM.....	126
AA25H4000HD.....	391	C20ES.....	88	C52ES.....	88	CAT16HPAB.....	133
AA25H6000HD.....	391	C20EU.....	86	C52EU.....	86	CAT16HPAF14.....	129
AA25H6000PG.....	391	C20EU2.....	87	C52EU2.....	87	CAT16HPAFAB3.....	134
AA25H6000S6.....	391	C20EU3.....	87	C52EU3.....	87	CAT16HPBA.....	120
AB.....	199	C20GW.....	89	C52LW.....	90	CAT16HPBC.....	123
AB11MM35X35.....	200	C20HD.....	92	C56EC.....	84	CAT16HPBC26.....	125
ABCM8M10.....	192	C20HW.....	91	C56ES.....	88	CAT16HPBC200.....	121
ABP12PE.....	353	C20L2000PG.....	393	C56EU.....	86	CAT16HPBC200B.....	122
ABP12PG.....	353	C20L3000PG.....	393	C56GW.....	89	CAT16HPBCB.....	124
ABP12S4.....	353	C20LW.....	90	C56LW.....	90	CAT16HPBU.....	120
ABP17PE.....	353	C20S4.....	92	C58HW.....	91	CAT16HPCD1B.....	135
ABP17PG.....	353	C24EC.....	84	C60EC.....	84	CAT16HPESC.....	135
ABP17S4.....	353	C24ES.....	88	C60ERU.....	85	CAT16HPGR.....	120
ABP26PG.....	353	C24EU.....	86	C60ES.....	88	CAT16HPOR.....	120
ABP26S4.....	353	C24GW.....	89	C60EU.....	86	CAT16HPRD.....	120
ADK421.....	397	C24LW.....	90	C60LW.....	90	CAT16HPSF.....	132
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ADK421RD.....	397	C25H2000PG.....	393	C64ES.....	88	CAT16HPVF14.....	128
ADKE0.....	440	C25H3000HD.....	393	C64EU.....	86	CAT16HPWH.....	121
ADKE0L.....	440	C25H3000PG.....	393	C64GW.....	89	CAT16HPYL.....	121
ADKE1.....	440	C25H4000HD.....	393	C64LW.....	90	CAT21HP.....	120
ADKE2.....	440	C25H4000PG.....	393	C70EC.....	84	CAT21HP4Z34.....	131
ADKE3.....	440	C25H6000HD.....	393	C70ERU.....	85	CAT21HP6Z34.....	131
ADKE4.....	440	C25H6000PG.....	393	C70ES.....	88	CAT21HP24.....	127
AF14.....	171	C25H6000S6.....	393	C70EU.....	86	CAT21HP24SM.....	126
APXE01EG.....	461	C26ERU.....	85	C70GW.....	89	CAT21HP58.....	127
APXE4STRUTEG.....	461	C26ERU2.....	85	C70LW.....	90	CAT21HP58SM.....	126
APXE23EG.....	461	C28EC.....	84	C76EC.....	84	CAT21HP123.....	130
APXSTRUTS6.....	461	C28ES.....	88	C76ES.....	88	CAT21HP912.....	127
APYE01EG.....	461	C28EU.....	86	C76EU.....	86	CAT21HP912SM.....	126
APYE4STRUTEG.....	461	C28GW.....	89	C76GW.....	89	CAT21HPAB.....	133
APYE23EG.....	461	C28LW.....	90	C76LW.....	90	CAT21HPAF14.....	129
APYSTRUTS6.....	461	C30HD.....	92	C82EC.....	84	CAT21HPAFAB3.....	134
ATA4I.....	98	C30S4.....	92	C82ES.....	88	CAT21HPAFAB4.....	134
ATS4I.....	98	C32EC.....	84	C82EU.....	86	CAT21HPAFAB6.....	134
BARRNOG.....	115	C32ERU.....	85	C82GW.....	89	CAT21HPBA.....	120
BC200CD0B.....	56	C32ERU2.....	85	C82LW.....	90	CAT21HPBC.....	123
BC200CD1B.....	56	C32ES.....	88	C88EC.....	84	CAT21HPBC26.....	125
BC200CD2.5B.....	56	C32EU.....	86	C88ES.....	88	CAT21HPBC200.....	121
BC200CD2B.....	56	C32EU2.....	87	C88EU.....	86	CAT21HPBC200B.....	122
BC200CD3B.....	56	C32EU3.....	87	C88GW.....	89	CAT21HPBCB.....	124
BC200M6.....	162	C32GW.....	89	C88LW.....	90	CAT21HPBU.....	120
BCE03.....	452	C32HW.....	91	C94EC.....	84	CAT21HPCD1B.....	135
BCE4.....	452	C32LW.....	90	C94ES.....	88	CAT21HPESC.....	135
BP17PG.....	354	C36EC.....	84	C94EU.....	86	CAT21HPGR.....	120
BP25PG.....	354	C36ES.....	88	C94GW.....	89	CAT21HPOR.....	120
BTF24.....	94	C36EU.....	86	C94LW.....	90	CAT21HPRD.....	120
BTF58.....	94	C36GW.....	89	C100EC.....	84	CAT21HPSF.....	132
BTF912.....	94	C36LW.....	90	C100ES.....	88	CAT21HPVF14.....	128
C12EC.....	84	C38ERU.....	85	C100EU.....	86	CAT21HPWH.....	121
C12ES.....	88	C40EC.....	84	C100GW.....	89	CAT21HPYL.....	121
C12EU.....	86	C40ES.....	88	C100LW.....	90	CAT32HP.....	120
C12EU2.....	87	C40EU.....	86	CAM6030.....	222	CAT32HP4Z34.....	131
C12EU3.....	87	C40GW.....	89	CAM8030.....	222	CAT32HP6Z34.....	131
C12GW.....	89	C40LW.....	90	CAM8030S6.....	222	CAT32HP24.....	127
C12LW.....	90	C44EC.....	84	CAM8040.....	222	CAT32HP24SM.....	126
C14ERU.....	85	C44ERU.....	85	CAM10040.....	222	CAT32HP58.....	127
C14ERU2.....	85	C44ES.....	88	CAM10040S6.....	222	CAT32HP58SM.....	126
C15L2000PG.....	393	C44EU.....	86	CAM12050.....	222	CAT32HP123.....	130
C15L2000S6.....	393	C44EU2.....	87	CAM12050S6.....	222	CAT32HP912.....	127

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CAT32HPAB.....	133	CAT64HP58SM.....	126	CATHPBCB.....	141	CE015H0660EG	446
CAT32HPAF14	129	CAT64HP123	130	CATHPCD0B	145	CE015H0780EG	446
CAT32HPAFAB3	134	CAT64HP912	127	CATHPCD1B	145	CE224H0200EG	447
CAT32HPAFAB4	134	CAT64HP912SM.....	126	CATHPCD2.5B	145	CE224H0300EG	447
CAT32HPAFAB6	134	CAT64HPAB	133	CATHPCD2B	145	CE320H0250EG	447
CAT32HPBA	120	CAT64HPAF14	129	CATHPESC	145	CE320H0500EG	447
CAT32HPBC	123	CAT64HPAFAB3	134	CATHPLR	147	CE320H0750EG	447
CAT32HPBC26	125	CAT64HPAFAB4	134	CATHPS4	146	CE320H1000EG	447
CAT32HPBC200	121	CAT64HPAFAB6	134	CATHPTM	147	CE420H0200EG	448
CAT32HPBC200B	122	CAT64HPBA	120	CATHPVF14	143	CE420H0250EG	448
CAT32HPBCB	124	CAT64HPBC	123	CATMTLS	156	CE420H0300EG	448
CAT32HPBU	120	CAT64HPBC26	125	CATRL200CM	149	CE420H0350EG	448
CAT32HPCD1B	135	CAT64HPBC200	121	CATRL300CM	149	CE420H0450EG	448
CAT32HPDCM2	137	CAT64HPBC200B	122	CATRT200CM	150	CE420H0550EG	448
CAT32HPDCM3	137	CAT64HPBCB	124	CATRT300CM	150	CE420H0650EG	448
CAT32HPDCM4	137	CAT64HPBU	120	CATTBCM	150	CE420H0800EG	448
CAT32HPDFM2	138	CAT64HPCD1B	135	CC25H0400HD	394	CFEB05	262
CAT32HPDFM3	138	CAT64HPDCM2	137	CC25H0500HD	394	CFH838	224
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CAT32HPESC	135	CAT64HPDCM4	137	CC25H0800HD	394	CFH1060	224
CAT32HPGR	120	CAT64HPDFM2	138	CC25H1000HD	394	CFIXM6	440
CAT32HPOR	120	CAT64HPDFM3	138	CC25H2000HD	394	CFIXM8	440
CAT32HPRD	120	CAT64HPDFM4	138	CC25H3000HD	394	CFIXM8SW	441
CAT32HPSCM2	137	CAT64HPGR	120	CC25H3000PG	394	CFIXM10	440
CAT32HPSCM3	137	CAT64HPOR	120	CC25H6000HD	394	CFIXM10SW	441
CAT32HPSCM4	137	CAT64HPRD	120	CC25H6000PG	394	CFIXM8030	441
CAT32HPSF	132	CAT64HPSCM2	137	CCC0025	318	CFIXM8040	441
CAT32HPSFM2	138	CAT64HPSCM3	137	CCC0037	318	CFIXM8060	441
CAT32HPSFM3	138	CAT64HPSCM4	137	CCC0050	318	CFIXM8080	441
CAT32HPSFM4	138	CAT64HPSF	132	CCC0062	318	CFIXM8100	441
CAT32HPSWM2	139	CAT64HPSFM2	138	CCC0075	318	CFIXM8120	441
CAT32HPSWM3	139	CAT64HPSFM3	138	CCC0087	318	CFIXM8150	441
CAT32HPSWM4	139	CAT64HPSFM4	138	CCC0100	318	CFIXM10040	441
CAT32HPVF14	128	CAT64HPSWM2	139	CCC0112	318	CFIXM10060	441
CAT32HPWH	121	CAT64HPSWM3	139	CCC0125	318	CFIXM10080	441
CAT32HPYL	121	CAT64HPSWM4	139	CCC0137	318	CFIXM10100	441
CAT48HP	120	CAT64HPVF14	128	CCC0150	318	CHK22K	100
CAT48HP4Z34	131	CAT64HPWH	121	CCC0162	318	CHK25K	100
CAT48HP6Z34	131	CAT64HPYL	121	CCC0187	318	CHK27K	100
CAT48HP24	127	CAT100CM	149	CCC0212	318	CHK30K	100
CAT48HP24SM	126	CAT200CM	148	CCC0237	318	CHK32K	100
CAT48HP58	127	CAT300CM	148	CCC0262	318	CHN13K	100
CAT48HP58SM	126	CAT425	151	CCC0312	318	CHN15K	100
CAT48HP123	130	CAT425AF14	154	CCC0412	318	CHN15KS4	100
CAT48HP912	127	CAT425BC200	152	CCC0450	318	CHN17K	100
CAT48HP912SM	126	CAT425EBC	152	CD0B	82	CHN17KS4	100
CAT48HPAB	133	CAT425VF	153	CD0BSF	73	CJ6	111
CAT48HPAF14	129	CAT425WM	151	CD0BZSF	74	CJ6S	111
CAT48HPAFAB3	134	CAT425WMCD1B	154	CD1B	82	CL3000PS	397
CAT48HPAFAB4	134	CAT600R	157	CD1BSF	73	CL100000EG	397
CAT48HPAFAB6	134	CAT600WM	157	CD1BZSF	74	CLM6030	224
CAT48HPBA	120	CAT42524SM	153	CD2.5B	82	CLM8040	224
CAT48HPBC	123	CAT42558SM	153	CD2B	82	CLM10040	224
CAT48HPBC26	125	CAT425912SM	153	CD2BSF	73	CNB812M	74
CAT48HPBC200	121	CATCR50	155	CD2BZSF	74	CNM6	93
CAT48HPBC200B	122	CATHP4Z34	144	CD3B	82	CNM6S4	93
CAT48HPBCB	124	CATHP6Z34	144	CD4B	82	CNM8	93
CAT48HPBU	120	CATHP24	142	CD5B	82	CNM8S4	93
CAT48HPCD1B	135	CATHP24SM	142	CD6B	82	CPR25	117
CAT48HPGR	120	CATHP58	142	CD7B	82	CR037HD	91
CAT48HPOR	120	CATHP58SM	142	CD8B	82	CR037S4	91
CAT48HPRD	120	CATHP123	144	CD9B	82	CR050HD	91
CAT48HPSF	132	CATHP912	142	CE0L13H0180EG	446	CR050S4	91
CAT48HPVF14	128	CATHP912SM	142	CE0L13H0300EG	446	CR075HD	91
CAT48HPWH	121	CATHPA4	146	CE4SBEG	449	CR075S4	91
CAT48HPYL	121	CATHPA6	146	CE4SCEG	448	CR100HD	91
CAT64HP	120	CATHPAF14	143	CE015H0180EG	446	CR100S4	91
CAT64HP4Z34	131	CATHPAN	146	CE015H0240EG	446	CR125HD	91
CAT64HP6Z34	131	CATHPBC	140	CE015H0300EG	446	CR125S4	91
CAT64HP24	127	CATHPBC26	141	CE015H0360EG	446	CR150HD	91
CAT64HP24SM	126	CATHPBC200	139	CE015H0420EG	446	CR150S4	91

CR200HD.....	91	CSBC9	383	CT	220	DIN048S4.....	300
CR200S4	91	CSBEZU0100EG	375	CTF525	226	DIN054HD	301
CRLAM8EG	233	CSBEZU0125EG	375	CTRI120HD	407	DIN054PL	302
CRLAM10EG	233	CSBEZU0150EG	375	CTRI160HD	407	DIN054S4	300
CRLBM8EG	232	CSBEZU0200EG	375	CTRI210HD	407	DIN057HD	301
CRLBM10EG	232	CSBEZU0250EG	375	CTRI260HD	407	DIN057PL	302
CRLBM12EG	232	CSBEZU0300EG	375	CTRI310HD	407	DIN057S4	300
CRLDM8BEG	236	CSBEZU0400EG	375	CTRI410HD	407	DIN060HD	301
CRLDM8BNEG	236	CSBEZU0500EG	375	CTRI510HD	407	DIN060PL	302
CRLDM8TEG	235	CSBEZU0600EG	375	CTRI810HD	407	DIN060S4	300
CRLDM10BEG	236	CSBIB075085EG	371	CTS1	220	DIN070HD	301
CRLDM10BNEG	236	CSBIB075085HD	371	CUC0150HD	456	DIN070PL	302
CRLDM10TEG	235	CSBIB075145EG	371	CUC0200HD	456	DIN070S4	300
CRLLM8EG	234	CSBIB075145HD	371	CUC0250HD	456	DIN076HD	301
CRLLM10EG	234	CSBIB125180EG	371	CUC0300HD	456	DIN076PL	302
CRLMM10EG	233	CSBIB125180HD	371	CUC0400HD	456	DIN076S4	300
CRLMM12EG	233	CSBIBSB50EG	380	CUC0500HD	456	DIN082HD	301
CRLNM8EG	240	CSBIBSN37EG	380	CUC0600HD	456	DIN082PL	302
CRLNM10EG	240	CSBMA050050EG	373	CUCS0250HD	457	DIN082S4	300
CRLP1M8L550	237	CSBMA050075EG	373	CUCS0300HD	457	DIN089HD	301
CRLP1M8L750	237	CSBNPC12	382	CUCS0400HD	457	DIN089PL	302
CRLP1M10L550	237	CSBQG0250EG	379	CUCS0500HD	457	DIN089S4	300
CRLP1M10L750	237	CSBQG0300EG	379	CUCS0600HD	457	DIN095HD	301
CRLP2M8L550	237	CSBQG0400EG	379	CUCS0800HD	457	DIN095PL	302
CRLP2M8L750	237	CSBQG0600EG	379	CUCS1000HD	457	DIN095S4	300
CRLP2M8L950	237	CSBQG0800EG	379	CUCS1300HD	457	DIN102HD	301
CRLP2M8L1050	237	CSBQIKCL0100EG	378	D1	169	DIN102PL	302
CRLP2M10L550	237	CSBQIKCL0125EG	378	D2	170	DIN102S4	300
CRLP2M10L750	237	CSBQIKCL0150EG	378	D3	170	DIN108HD	301
CRLP2M10L950	237	CSBQIKCL0200EG	378	D25H3000HD	394	DIN108PL	302
CRLP2M10L1050	237	CSBQIKCLSN37EG	380	D25H3000PG	394	DIN108S4	300
CRLSEBM8EG	238	CSBRS1	388	D25H6000HD	394	DIN114HD	301
CRLSEBM10EG	238	CSBRS37EG	388	D25H6000PG	394	DIN114PL	302
CRLSLM8EG	239	CSBSH00375EG	373	DD25H6000PG	395	DIN114S4	300
CRLSLM10EG	239	CSBSH00500EG	373	DFF1	263	DIN121HD	301
CRLSM8EG	239	CSBSH00625EG	373	DH55EG	192	DIN121PL	302
CRLSM10EG	239	CSBSH00750EG	373	DH65EG	192	DIN121S4	300
CRLSSM8EG	239	CSBSTU0100EG	376	DH85EG	192	DIN133HD	301
CRLSSM10EG	239	CSBSTU0100HD	376	DHM0100EG	284	DIN133PL	302
CRLWM10EG	234	CSBSTU0125EG	376	DHM0125EG	284	DIN133S4	300
CRLWM12EG	234	CSBSTU0125HD	376	DHM0150EG	284	DIN140HD	301
CS812	112	CSBSTU0150EG	376	DHM0200EG	284	DIN140PL	302
CSB12B00L10	382	CSBSTU0150HD	376	DHX5095EG	193	DIN140S4	300
CSB12BD38L10	383	CSBSTU0200EG	376	DIN020HD	301	DIN154HD	301
CSB12BD50L10	383	CSBSTU0200HD	376	DIN020PL	302	DIN154PL	302
CSB12CBL	381	CSBSTU0250EG	376	DIN020S4	300	DIN154S4	300
CSB12SBHS	384	CSBSTU0250HD	376	DIN021HD	301	DIN159HD	301
CSB12SLVB	381	CSBSTU0300EG	376	DIN021PL	302	DIN159PL	302
CSB18B00L10	382	CSBSTU0300HD	376	DIN021S4	300	DIN159S4	300
CSB18BD38L10	383	CSBSTU0400EG	376	DIN025HD	301	DIN168HD	301
CSB18BD50L10	383	CSBSTU0400HD	376	DIN025PL	302	DIN168PL	302
CSB18CBL	381	CSBSTU0500EG	376	DIN025S4	300	DIN168S4	300
CSB18SLVB	381	CSBSTU0500HD	376	DIN027HD	301	DIN180HD	301
CSB36BD38L10	383	CSBSTU0600EG	376	DIN027PL	302	DIN180PL	302
CSB36BD50L10	383	CSBSTU0600HD	376	DIN027S4	300	DIN180S4	300
CSB36CBL	381	CSBSTU0800EG	376	DIN030HD	301	DIN194HD	301
CSB36SLVB	381	CSBSTU0800HD	376	DIN030PL	302	DIN194PL	302
CSB48	384	CSBSTU1000EG	376	DIN030S4	300	DIN194S4	300
CSB48CBL	381	CSBSTU1000HD	376	DIN034HD	301	DIN219HD	301
CSB48SLVB	381	CSBUNIV050EG	374	DIN034PL	302	DIN219PL	302
CSB3346SB	384	CSBUNIV050HD	374	DIN034S4	300	DIN219S4	300
CSBBARJEG	370	CSBUNIV075EG	374	DIN038HD	301	DIN225HD	301
CSBBARJHD	370	CSBUNIVSB62EG	380	DIN038PL	302	DIN225PL	302
CSBBARJSB50EG	380	CSBURC12	385	DIN038S4	300	DIN225S4	300
CSBBC075EG	372	CSBURC38	385	DIN042HD	301	DIN245HD	301
CSBBRP0100EG	386	CSBURC58	385	DIN042PL	302	DIN245PL	302
CSBBRP0125EG	386	CSBURC4812	385	DIN042S4	300	DIN267HD	301
CSBBRP0150EG	386	CSBURC4834	385	DIN044HD	301	DIN267PL	302
CSBBRP0200EG	386	CSBURC4858	385	DIN044PL	302	DIN273HD	301
CSBBRS1MEG	386	CSBURCR12	385	DIN044S4	300	DIN273PL	302
CSBBRS2MEG	387	CSBURCR38	385	DIN048HD	301	DIN280HD	301
CSBBRS3MEG	387	CSBURCR58	385	DIN048PL	302	DIN280PL	302

DIN299HD	301	E23CNM6	444	EERMAM6	188	FCS0075M10	285
DIN299PL	302	E23CNM8	444	EERMAM8	188	FCS0100M8	285
DIN315HD	301	E23CNM10	444	EERMAM10	188	FCS0100M10	285
DIN315PL	302	E25H6000HD	395	EERS	189	FCS0125M8	285
DIN323HD	301	E25H6000PG	395	EERT10	189	FCS0125M10	285
DIN323PL	302	E120H2000PG	437	EERTIM6	189	FCS0150M8	285
DIN355HD	301	E224H2000PG	437	EERTIM8	189	FCS0150M10	285
DIN355PL	302	E320H2000PG	438	EERTIM10	189	FCS0200M8	285
DIN368HD	301	E320H3000PG	438	EIR2000	218	FCS0200M10	285
DIN368PL	302	E320H6000PG	438	EIRCM5	218	FCS0250M10	285
DIN406HD	301	E420H2000PG	439	EIRCM8	218	FCS0300M10	285
DIN406PL	302	E420H3000PG	439	EIRCSM4	219	FCS0400M10	285
DIN419HD	301	E420H6000PG	439	EIRISO	219	FCS0500M12	285
DIN419PL	302	E530H0300HD	439	EIRTOOL	219	FCS0600M12	285
DIN457HD	301	E530H0300S4	439	EM24	173	FCS0800M16	285
DIN457PL	302	E530H0400HD	439	EM24S1	173	FCS1000M20	285
DIN508HD	301	E530H0400S4	439	EM24SM	174	FCSNUT8	285
DIN508PL	302	E530H0500HD	439	EM24SM16	174	FCSNUT10L	285
DIN521HD	301	E530H0500S4	439	EM24SM16SP10	174	FCSNUT10S	285
DIN521PL	302	E530H0600HD	439	EM24SP25	173	FCSNUT12	285
DIN610HD	301	E530H0600S4	439	EM24SS1	174	FCSNUT16	285
DIN610PL	302	E530H0800HD	439	EM58	173	FCSNUT20	285
DIN711HD	301	E530H0800S4	439	EM58S1	173	FPC025	332
DIN711PL	302	E530H1000HD	439	EM58SM	174	FPC031	332
DIN812HD	301	E530H1000S4	439	EM58SM16	174	FPC039	332
DIN812PL	302	E530H2000HD	439	EM58SM16SP10	174	FPC045	332
DPS020	326	E530H2000S4	439	EM58SMS1	174	FPC052	332
DPS025	326	E530H3000HD	439	EM58SP25	173	FPC059	332
DPS028	326	E530H3000S4	439	EM912	173	FPC066	332
DSCG017EG	312	E530H6000HD	439	EM912S1	173	FPC072	332
DSCG021EG	312	E530H6000S4	439	EM912SM	174	FPC078	332
DSCG027EG	312	EBC	161	EM912SM16	174	FPC086	332
DSCG034EG	312	EBC6M	61	EM912SM16SP10	174	FPC093	332
DSCG042EG	312	EBC6MSM	61	EM912SP25	173	FPC102	332
DSCG048EG	312	EBC8P	57	EM912SS1	174	FPC111	332
DSCG060EG	312	EBC8PSM	58	EQLS50	355	FPC120	332
DSCG076EG	312	EBC12P	57	EQLS85	355	FPC128	332
DSCG089EG	312	EBC12PSM	58	EQLS130	355	FPC135	332
DSCP040EG	312	EBC16M	61	EQV	356	FPC142	332
DSCP050EG	312	EBC16MSM	61	EQVS	356	FPC165	332
DSCP070EG	312	EBC16P	57	EQZS	356	FPC219	332
DSCP100EG	312	EBC16PSM	58	ESC4	436	FPN5	227
DSCP125EG	312	EBC20M	61	ESC812M	80	FPN6	227
DSCP150EG	312	EBC20MSM	61	ESG1	116	FPN8	227
DSCP200EG	312	EBC24M	61	ESSGP	363	FPN10	227
DSCW032EG	313	EBC24MSM	61	ESSMS	364	FPN12	227
DSCW042EG	313	EBC32M	61	ESSPC	364	FPN16	227
DSCW053EG	313	EBC32MSM	61	ESSSH	362	FRF014	322
DSCW073EG	313	EBC812M	61	ESSSP	363	FRF016	322
DSCW102EG	313	EBC812MSM	61	ESSST	364	FRF016X2	322
DSCW133EG	313	EBCM6MA	176	ESSUH	362	FRF018	322
DUPLO15	299	EBCM8MA	176	ESSUHS	362	FRF018X2	322
DUPLO22	299	EBCM10MA	176	ESSWH	363	FRF020	322
DUPLO15EG	311	EBCSP25	161	ETP050	204	FRF020X2	322
DUPLO122EG	311	EBL25A135	451	ETP075	204	FRF020X4	323
DUPLO128EG	311	EBL35A090	450	ETP100	204	FRF022	322
E0L13H2000PG	436	EBL35A135	451	EYEBH5050EG	216	FRF022X2	322
E01CNM6	444	EBL250A90	450	EYEBH5065EG	216	FRF025	322
E01CNM8	444	EBS25A090	450	EYEBH6075EG	216	FRF025X2	322
E01CNM10	444	EBS25A135	450	EYEBH6090EG	216	FRF025X4	323
E2L15H2000PG	438	EBS35A090	450	EYEBH6100EG	216	FRF028	322
E4CNM8	444	EBS35A135	450	EYEBH6120EG	216	FRF028X2	322
E4CNM10	444	ECNUNI06	443	EYEBH6150EG	216	FXB20S2	358
E5CN6HD	445	ECNUNI08	443	EYESM6EG	217	FXB21S2	359
E5CN6S4	445	ECNUNI10	443	EYESM8EG	217	FXB22S2	359
E5CN8HD	445	ECTB1	94	EYESM10EG	217	FXB23S2	359
E5CN8S4	445	ECTB2	94	EYESM12EG	217	FXB24S2	360
E5CN10HD	445	ECTB3	94	FBS12	113	FXB25S2	360
E5CN10S4	445	ECTB4	94	FBS16	113	FXBB10S2	360
E12H1000HD	395	ECTB5	94	FBS18	113	FXBB12S2	360
E12H1000PG	395	EE25H6000PG	396	FCS0050M8	285	FXBB16S2	360
E015H2000PG	437	EER	188	FCS0075M8	285	FXBB20S2	360

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HB2HD.....	162	HDN035HD.....	305	HSC89.....	62	J1M8TI.....	179
HDH028.....	296	HDN041.....	304	HSC910.....	62	J1M10TI.....	179
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HDH045.....	296	HDN045HD.....	305	HSC1518.....	62	J2.....	171
HDH052.....	296	HDN053.....	304	HSC1924.....	62	J2CT.....	77
HDH058.....	296	HDN053HD.....	305	HSC2532.....	62	J2CTBB.....	77
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HDH078.....	296	HDN065.....	304	HSCRM1030HD.....	213	J2M8TI.....	179
HDH085.....	296	HDN065HD.....	305	HSCRM1230HD.....	213	J2M10TI.....	179
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HDI065.....	295	HDN182HD.....	305	ISOL027.....	341	KAA25H0300HD.....	405
HDI072.....	295	HDN194.....	304	ISOL028.....	341	KAA25H0400HD.....	405
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HDI085.....	295	HDN205.....	304	ISOL035.....	341	KAA25H0500HD.....	405
HDI093.....	295	HDN205HD.....	305	ISOL042.....	341	KAA25H0600HD.....	405
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HDI106.....	295	HDN216HD.....	305	ISOL054.....	341	KAA25H0800HD.....	405
HDI116.....	295	HDN226.....	304	ISOL057.....	341	KAA25H0900HD.....	405
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KCC25H0600HD.....	407	M8MA58.....	176	MPD035.....	289	MPZ032.....	311
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