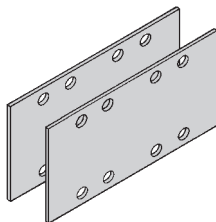


# Series 2, 3, 4, & 5 Steel - Accessories

## Splice Plates

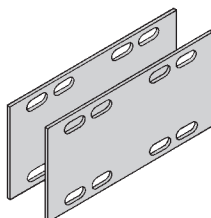
- Standard 8-hole pattern for all steel splice plates.
- Furnished in pairs with hardware.
- One pair including hardware provided with straight section. (Expansion splice quantity subtracted)
- Boxed in pairs with hardware.
- (\*) Insert **ZN** or **G**



| Catalog No. | Height<br>in. mm |
|-------------|------------------|
| 9(*)-8004   | 4 (101)          |
| 9(*)-8005   | 5 (127)          |
| 9(*)-8006   | 6 (152)          |
| 9(*)-8007   | 7 (178)          |

## Expansion Splice Plates

- Expansion plates allow for one inch expansion or contraction of the cable tray, or where expansion joints occur in the support structure.
- Furnished in pairs with hardware.
- Bonding Jumpers are required on each siderail. Order Separately.
- (\*) Insert **ZN** or **G**

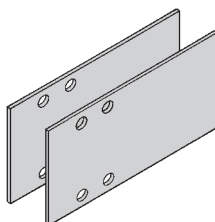


For heavy duty expansion splice plates see page APP-3.

| Catalog No. | Height<br>in. mm |
|-------------|------------------|
| 9(*)-8014   | 4 (101)          |
| 9(*)-8015   | 5 (127)          |
| 9(*)-8016   | 6 (152)          |
| 9(*)-8017   | 7 (178)          |

## Universal Splice Plates

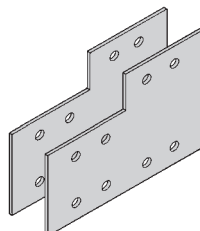
- Used to splice to existing cable tray systems.
- Furnished in pairs with hardware.
- (\*) Insert **ZN** or **G**



| Catalog No.    | Height<br>in. mm |
|----------------|------------------|
| 9(*)-8004-1/2  | 4 (101)          |
| 9(*)-8005-1/2  | 5 (127)          |
| 9(*)-8006 -1/2 | 6 (152)          |
| 9(*)-8007 -1/2 | 7 (178)          |

## Step Down Splice Plates

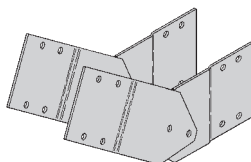
- These splice plates are offered for connecting cable tray sections having side rails of different heights.
- Furnished in pairs with hardware.
- (\*) Insert **ZN** or **G**



| Catalog No. | Height<br>in. mm    |
|-------------|---------------------|
| 9(*)-8045   | 5 to 4 (127 to 101) |
| 9(*)-8046   | 6 to 4 (152 to 101) |
| 9(*)-8060   | 6 to 5 (152 to 127) |
| 9(*)-8047   | 7 to 4 (178 to 101) |
| 9(*)-8061   | 7 to 5 (178 to 127) |
| 9(*)-8062   | 7 to 6 (178 to 152) |

## Vertical Adjustable Splice Plates

- These plates provide for changes in elevation that do not conform to standard vertical fittings.
- Furnished in pairs with hardware.
- **Bonding Jumpers not required.**
- (\*) Insert **G** or **P**

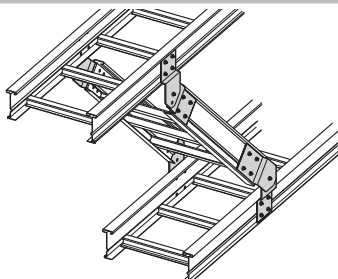


Requires supports within 24" on both sides, per NEMA VE 2.

| Catalog No. | Height<br>in. mm |
|-------------|------------------|
| 9(*)-8024   | 4 (101)          |
| 9(*)-8025   | 5 (127)          |
| 9(*)-8026   | 6 (152)          |
| 9(*)-8027   | 7 (178)          |

## Branch Pivot Connectors

- Branch from existing cable tray runs at any point.
- Pivot to any required angle.
- UL Classified for grounding (bonding jumpers not required).
- Furnished in pairs with hardware.
- (\*) Insert **ZN** or **G**



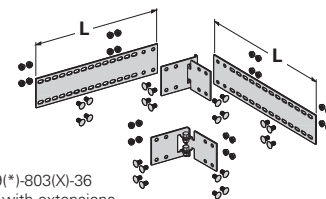
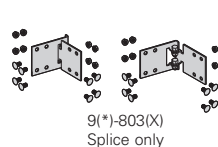
| Catalog No. | Height<br>in. mm |
|-------------|------------------|
| 9(*)-8244   | 4 (101)          |
| 9(*)-8245   | 5 (127)          |
| 9(*)-8246   | 6 (152)          |
| 9(*)-8247   | 7 (178)          |

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Horizontal Adjustable Splice Plates

- Offered to adjust a cable tray run for changes in direction in a horizontal plane that do not conform to standard horizontal fittings.
- Furnished in pairs with hardware.
- Bonding jumpers **not** required.
- (\*) Insert **ZN** or **G**
- (X) Insert 4, 5, 6 or 7 for side rail height.

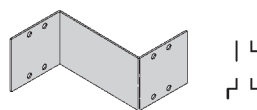


| Catalog No.    | Cable Tray End Cut | Thru Tray Width<br>in. (mm) | 'L'<br>in. (mm) |
|----------------|--------------------|-----------------------------|-----------------|
| 9(*)-803(X)    | Mitered            | 36 (914)                    | N/A (NA)        |
| 9(*)-803(X)-12 | Not mitered        | 12 (305)                    | 16 (406)        |
| 9(*)-803(X)-36 | Not mitered        | 36 (914)                    | 41 (1041)       |

Requires supports within 24" on both sides, per NEMA VE 2.

## Offset Reducing Splice Plate

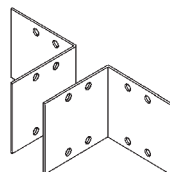
- This plate is used for joining cable trays having different widths. When used in pairs they form a straight reduction; when used singly with a standard splice plate, they form an offset reduction.
- Furnished as one plate with hardware.
- (‡) Insert reduction
- (\*) Insert **G** or **P**



| Catalog No.   | Height<br>in. mm |
|---------------|------------------|
| 9(*)-8064-(‡) | 4 (101)          |
| 9(*)-8065-(‡) | 5 (127)          |
| 9(*)-8066-(‡) | 6 (152)          |
| 9(*)-8067-(‡) | 7 (178)          |

## Tray to Box Splice Plates

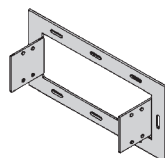
- Used to attach the end of a cable tray run to a distribution box or control panel.
- Furnished in pairs with hardware.
- (\*) Insert **G** or **P**



| Catalog No. | Height<br>in. mm |
|-------------|------------------|
| 9(*)-8054   | 4 (101)          |
| 9(*)-8055   | 5 (127)          |
| 9(*)-8056   | 6 (152)          |
| 9(*)-8057   | 7 (178)          |

## Frame Type Box Connector

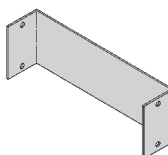
- Designed to attach the end of a cable tray run to a distribution cabinet or control center to help reinforce the box at the point of entry.
- Furnished with tray connection hardware.
- (\*) Insert **ZN** or **G**
- (‡) Insert tray width



| Catalog No.   | Height<br>in. mm |
|---------------|------------------|
| 9(*)-8074-(‡) | 4 (101)          |
| 9(*)-8075-(‡) | 5 (127)          |
| 9(*)-8076-(‡) | 6 (152)          |
| 9(*)-8077-(‡) | 7 (178)          |

## Blind End

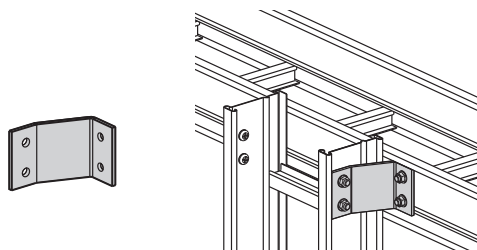
- This plate forms a closure for a dead end cable tray.
- Furnished as one plate with hardware.
- (\*) Insert **G** or **P**
- (‡) Insert tray width



| Catalog No.   | Height<br>in. mm |
|---------------|------------------|
| 9(*)-8084-(‡) | 4 (101)          |
| 9(*)-8085-(‡) | 5 (127)          |
| 9(*)-8086-(‡) | 6 (152)          |
| 9(*)-8087-(‡) | 7 (178)          |

## Cross Connector Bracket

- For field connecting crossing section.
- Furnished in pairs with 3/8" hardware.
- (\*) Insert **ZN** or **G**



| Catalog No. |
|-------------|
| 9(*)-1240   |

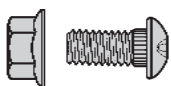
● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

# Series 2, 3, 4, & 5 Steel - Accessories

## Standard Tray Hardware (for field installation drill $13/32$ " hole)

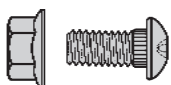
- Finishes: [ZN] Zinc Plated ASTM B633 SC1 for pre-galvanized tray  
[CZ] Chromium Zinc Plated F1136-88 Grade A for hot dip galvanized tray



| Catalog No.  | Description                                     |
|--|---|
| ● <b>RNCB <math>3/8</math>" x <math>3/4</math>" ZN</b> | Ribbed Neck Carriage Bolt ASTM A307 Grade A     |
| ● <b>SFHN <math>3/8</math>"-16 ZN</b>                  | Serrated Flange Hex Nut ASTM A563 Grade A       |
| ● <b>RNCB <math>3/8</math>" x <math>3/4</math>" CZ</b> | Ribbed Neck Carriage Bolt ASTM F1136-88 Grade 3 |
| ● <b>SFHN <math>3/8</math>"-16 CZ</b>                  | Serrated Flange Hex Nut ASTM F1136-88 Grade A   |

## Optional Tray Hardware (for field installation drill $13/32$ " hole)

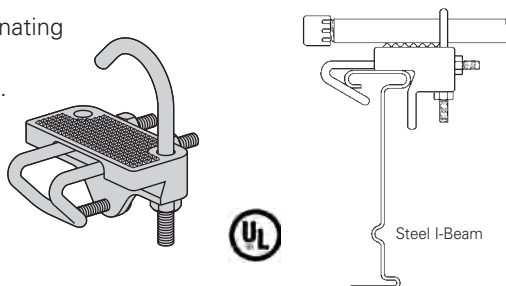
- To order 316 stainless steel hardware add SS6 suffix to catalog number -  
Example: 9G-8004SS6



| Catalog No.   | Description  |
|---|--|
| ● <b>RNCB <math>3/8</math>" x <math>3/4</math>" SS6</b> | Ribbed Neck Carriage Bolt AISI 316 Stainless Steel |
| ● <b>SFHN <math>3/8</math>"-16 SS6</b>                  | Serrated Flange Hex Nut AISI 316 Stainless Steel   |

## Conduit to Cable Tray Adaptor

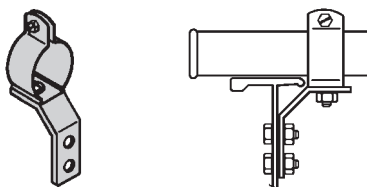
- For easy attachment of conduit terminating at a cable tray.
- Use on aluminum or steel cable trays.



| Catalog No.   | Conduit Size           |
|---|------------------------|
|   | in.      mm            |
| ● <b>9G-1158-<math>1/2</math>, <math>3/2</math></b> | $1/2$ , $3/4$ (15, 20) |
| ● <b>9G-1158-1, <math>11/4</math></b>               | 1, $11/4$ (25, 32)     |
| ● <b>9G-1158-<math>11/2</math>, 2</b>               | $11/2$ , 2 (40, 50)    |
| ● <b>9G-1158-<math>21/2</math>, 3</b>               | $21/2$ , 3 (65, 80)    |
| ● <b>9G-1158-<math>31/2</math>, 4</b>               | $31/2$ , 4 (90, 100)   |

## Conduit to Cable Tray Adaptor

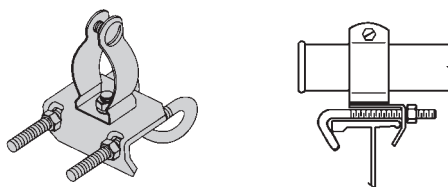
- Assembly required.
- Mounting hardware included.
- Conduit clamps provided.
- (‡) = Insert conduit size ( $1/2$ " thru 4").



| Catalog No.           |
|-----------------------|
| ● <b>9ZN-1150-(‡)</b> |

## Conduit to Cable Tray Adaptor

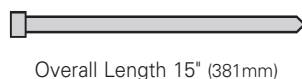
- Assembly required.
- Conduit clamps included.
- (‡) = Insert conduit size ( $1/2$ " thru 4").



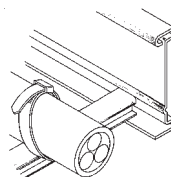
| Catalog No.           |
|-----------------------|
| ● <b>9ZN-1155-(‡)</b> |

## Cable Tie (Ladder Tray)

- Nylon ties provide easy attachment of cable to ladder rungs; maximum cable O.D. is 3" (76mm).



Overall Length 15" (381mm)



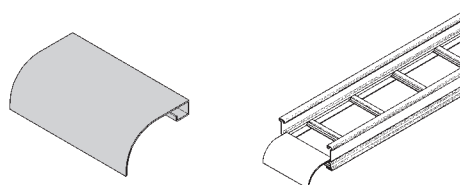
| Catalog No.         |
|---------------------|
| ● <b>99-2125-15</b> |

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Ladder Drop-Out

- Specially-designed Ladder Drop-Outs provide a rounded surface with 4" (101 mm) radius to protect cable as it exits from the cable tray, preventing damage to insulation. The drop-out will attach to any desired rung.
- (\*) Insert **P** or **G**
- (‡) Insert tray width

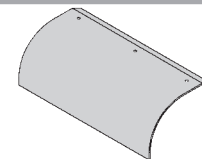
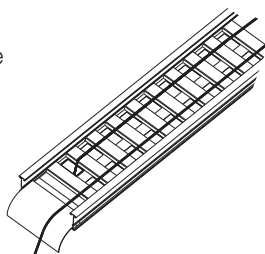


Catalog No.

**9(\*)-1104-(‡)**

## Trough Drop-Out & Drop-Out Bushing

- These devices provide a rounded surface to protect cable as it exits from the trough-type cable tray.
- Hardware is included for attachment of the trough bottom drop-out.
- (\*) Insert **P** or **G**
- (‡) Insert tray width



Trough-Type Drop-Out

Catalog No.

**9(\*)-1104T-(‡)**

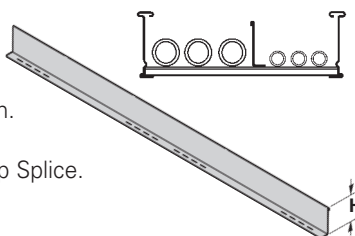
Snap-In Plastic Bushing

Catalog No.

**99-1124**

## Barrier - Straight Section

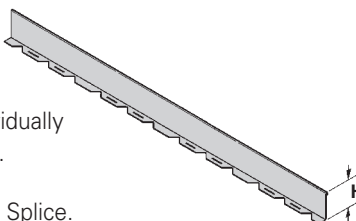
- Length: Insert 120 for [120" - 10 ft.] (3.0 m) or 144 for [144" - 12 ft.] (3.6 m)
- Order catalog number based on loading depth.
- Furnished with four #10 x 1/2" plated self-drilling screws and a 99-9982 Barrier Strip Splice.
- (\*) Insert **P** or **G**



| Catalog No.         | Side Rail Height<br>in. mm | Loading Depth 'H'<br>in. mm |
|---------------------|----------------------------|-----------------------------|
| <b>73(*)-Length</b> | 4 (101)                    | 3 (76)                      |
| <b>74(*)-Length</b> | 5 (127)                    | 4 (101)                     |
| <b>75(*)-Length</b> | 6 (152)                    | 5 (127)                     |
| <b>76(*)-Length</b> | 7 (178)                    | 6 (152)                     |

## Barrier - Horizontal Bend

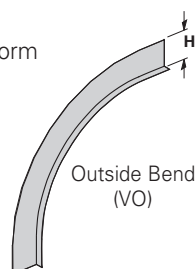
- Horizontal Bend Barriers are flexible in order to conform to any horizontal fitting radius. Can be cut to desired length.
- Standard length is 72" [6 ft.] (1.8 m) - sold individually
- Order catalog number based on loading depth.
- Furnished with three #10 x 1/2" plated self-drilling screws and a 99-9982 Barrier Strip Splice.
- (\*) Insert **P** or **G**



| Catalog No.         | Side Rail Height<br>in. mm | Loading Depth 'H'<br>in. mm |
|---------------------|----------------------------|-----------------------------|
| <b>73(*)-90HBFL</b> | 4 (101)                    | 3 (76)                      |
| <b>74(*)-90HBFL</b> | 5 (127)                    | 4 (101)                     |
| <b>75(*)-90HBFL</b> | 6 (152)                    | 5 (127)                     |
| <b>76(*)-90HBFL</b> | 7 (178)                    | 6 (152)                     |

## Barrier - Vertical Outside Bend

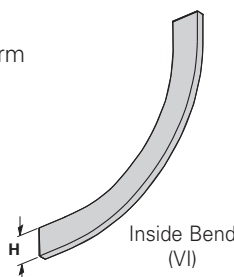
- Vertical Outside Bend Barriers are preformed to conform to a specific vertical outside bend fitting.
- Furnished with three #10 x 1/2" plated self-drilling screws and a 99-9982 Barrier Strip Splice.
- (\*) Insert **P** or **G**
- (\*\*) Insert 30, 45, 60 or 90 for degrees
- (t) Insert 12, 24, 36 or 48 for radius



| Catalog No.            | Side Rail Height<br>in. mm | Loading Depth 'H'<br>in. mm |
|------------------------|----------------------------|-----------------------------|
| <b>73(*)-(**)VO(t)</b> | 4 (101)                    | 3 (76)                      |
| <b>74(*)-(**)VO(t)</b> | 5 (127)                    | 4 (101)                     |
| <b>75(*)-(**)VO(t)</b> | 6 (152)                    | 5 (127)                     |
| <b>76(*)-(**)VO(t)</b> | 7 (178)                    | 6 (152)                     |

## Barrier - Vertical Inside Bend

- Vertical Inside Bend Barriers are preformed to conform to a specific vertical inside bend fitting.
- Furnished with three #10 x 1/2" plated self-drilling screws and a 99-9982 Barrier Strip Splice.
- (\*) Insert **P** or **G**
- (\*\*) Insert 30, 45, 60 or 90 for degrees
- (t) Insert 12, 24, 36 or 48 for radius



| Catalog No.            | Side Rail Height<br>in. mm | Loading Depth 'H'<br>in. mm |
|------------------------|----------------------------|-----------------------------|
| <b>73(*)-(**)VI(t)</b> | 4 (101)                    | 3 (76)                      |
| <b>74(*)-(**)VI(t)</b> | 5 (127)                    | 4 (101)                     |
| <b>75(*)-(**)VI(t)</b> | 6 (152)                    | 5 (127)                     |
| <b>76(*)-(**)VI(t)</b> | 7 (178)                    | 6 (152)                     |

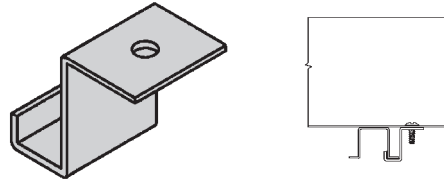
● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Series 2, 3, 4, & 5 Steel - Accessories

### Barrier Strip Clip

- Zinc plated steel barrier clip fastens to either aluminum or steel ladder rung.
- Furnished with one #10 x 1/2" zinc plated self-drilling screw.

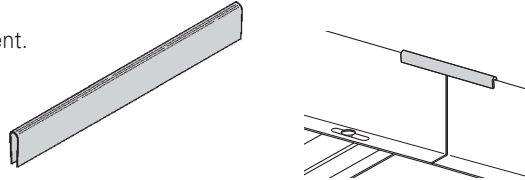


Catalog No.

● 9ZN-9002

### Barrier Strip Splice

- Plastic splice holds adjoining barrier strips in straight alignment.
- 3" (76mm) long.



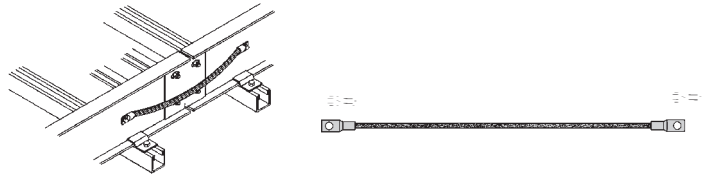
Catalog No.

● 99-9982

### Bonding Jumper

Use at each expansion splice and where the cable tray is not mechanically/electrically continuous to ground. Sold individually.

- Hardware included.
- See table 392.7(B)(2) on page CTS-9 for amperage ratings required to match the UL cross-sectional area of the tray.
- See tray loading chart for UL cross-sectional area.
- Bonding jumper is 14 1/2" (368mm) long.

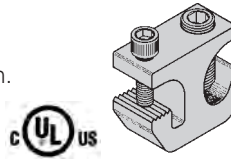


| Catalog No. | Copper Wire Size | Ampacity |
|-------------|------------------|----------|
| ● 99-N1     | #1               | 600      |

### Grounding Clamp

B-Line series cable tray is UL® classified as to its suitability as an equipment grounding conductor. If a separate conductor for additional grounding capability is desired, we offer this clamp for bolting the conductor at least once to each cable tray section.

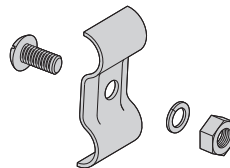
- Accepts #6 AWG to 250 MCM.



| Catalog No. | Material            |
|-------------|---------------------|
| ● 9A-2130   | Tin Plated Aluminum |

### Ground Wire Clamp

- Mechanically attaches grounding cables to cable tray.
- Hardware included.
- (\*) Insert **ZN** or **SS4**



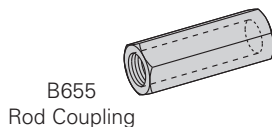
| Catalog No. | Material         |
|-------------|------------------|
| 9(*)-2351   | #1 thru 2/0      |
| 9(*)-2352   | 3/0 thru 250 MCM |

### Thread Rod (ATR) & Rod Couplings

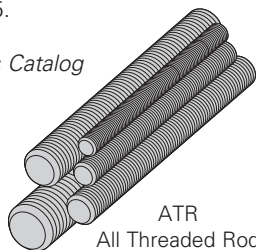
Loading based on safety factor 5.

Standard Finish: Zinc plated

See B-Line series Strut Systems Catalog for other sizes and finishes.



B655  
Rod Coupling



ATR  
All Threaded Rod

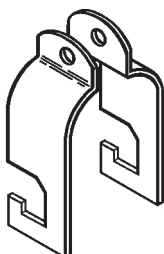
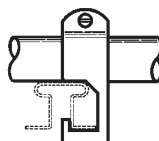
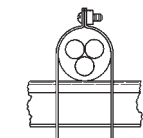
| Size                    | Catalog No.         | Available Length     | Loading   |
|-------------------------|---------------------|----------------------|-----------|
| <b>All Threaded Rod</b> |                     |                      |           |
| 3/8"-16                 | ● ATR 3/8" x Length | 36", 72", 120", 144" | 730 lbs.  |
| 1/2"-13                 | ● ATR 1/2" x Length | 36", 72", 120", 144" | 1350 lbs. |
| <b>Rod Coupling</b>     |                     |                      |           |
| 3/8"-16                 | ● B655-3/8"         | NA                   | 730 lbs.  |
| 1/2"-13                 | ● B655-1/2"         | NA                   | 1350 lbs. |

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Stainless Steel Cable Clamp

- Fits with series 2, 3, 4 & 5 standard steel rungs.
- Shipped flat. Field form around the cable at the time of installation.

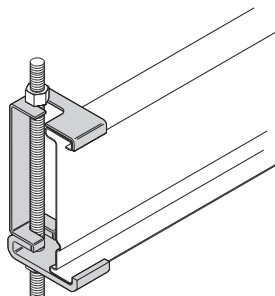


Refer to Section CF  
Cable Fixing

| Catalog No. | Cable Size  |             |
|-------------|-------------|-------------|
|             | in.         | mm          |
| ● 9SS4-4050 | 0.50 - 0.75 | (13 - 19)   |
| ● 9SS4-4075 | 0.75 - 1.00 | (19 - 25)   |
| ● 9SS4-4100 | 1.00 - 1.25 | (25 - 32)   |
| ● 9SS4-4125 | 1.25 - 1.50 | (32 - 38)   |
| ● 9SS4-4150 | 1.50 - 1.75 | (38 - 45)   |
| ● 9SS4-4175 | 1.75 - 2.00 | (45 - 51)   |
| ● 9SS4-4200 | 2.00 - 2.25 | (51 - 57)   |
| ● 9SS4-4225 | 2.25 - 2.50 | (57 - 64)   |
| ● 9SS4-4250 | 2.50 - 2.75 | (64 - 70)   |
| ● 9SS4-4275 | 2.75 - 3.00 | (70 - 76)   |
| ● 9SS4-4300 | 3.00 - 3.25 | (76 - 82)   |
| ● 9SS4-4325 | 3.25 - 3.50 | (82 - 89)   |
| ● 9SS4-4350 | 3.50 - 3.75 | (89 - 95)   |
| ● 9SS4-4375 | 3.75 - 4.00 | (95 - 100)  |
| ● 9SS4-4400 | 4.00 - 4.25 | (100 - 106) |
| ● 9SS4-4425 | 4.25 - 4.50 | (106 - 113) |
| ● 9SS4-4450 | 4.50 - 4.75 | (113 - 121) |
| ● 9SS4-4475 | 4.75 - 5.00 | (121 - 125) |

## Hanger Rod Clamp

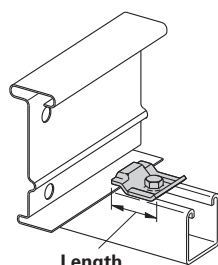
- For 1/2" ATR.
- Furnished in pairs.
- Order ATR and hex nuts separately.
- Two-piece "J"-hanger design.
- 1500 lbs./pair capacity safety factor 3.
- (\*) Insert **ZN** or **G**



| Catalog No. | Height |       |
|-------------|--------|-------|
|             | in.    | mm    |
| 9(*)-5324   | 4      | (101) |
| 9(*)-5325   | 5      | (127) |
| 9(*)-5326   | 6      | (152) |
| 9(*)-5327   | 7      | (178) |

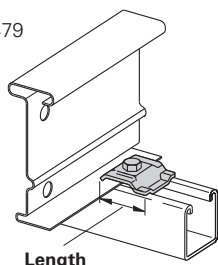
## Cable Tray Clamp/Guide

- Features a no-twist design.
- Has four times the strength of the traditional design.
- Each side is labeled to ensure proper installation.
- Furnished in pairs, with or without hardware.
- Not recommended for vertical support.



Length  
9ZN-1204 shown.  
Installed as a guide.

Patent # RE35479



Length  
9ZN-1208 shown.  
Installed as a clamp.

When installing this device as an expansion guide on the outside flange of *Steel Side Rail*, use the Catalog No. **B202** Square Washer in order to properly elevate the guide.

Note: For heavy duty or vertical applications see 9(\*)-1241 or 9(\*)-1242 page HAT-20

| Catalog No.      |               | Overall Length<br>in. (mm) | Hardware Size<br>in. | Finish |
|------------------|---------------|----------------------------|----------------------|--------|
| Without Hardware | With Hardware |                            |                      |        |
| ● 9ZN-1204       | ● 9ZN-1204NB  | 1 1/2 (38)                 | 1/4"                 | G90    |
| ● 9ZN-1208       | ● 9ZN-1208NB  | 2 1/4 (57)                 | 3/8"                 | G90    |
| ● 9A-1205        | --            | 2 1/4 (57)                 | 1/2"                 | Alum.  |
| ● 9G-1205        | --            | 2 1/4 (57)                 | 1/2"                 | HDGAF  |
| ● 9SS6-1205      | --            | 2 1/4 (57)                 | 1/2"                 | 316SS  |
| ● 9ZN-1205       | --            | 2 1/4 (57)                 | 1/2"                 | G90    |

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

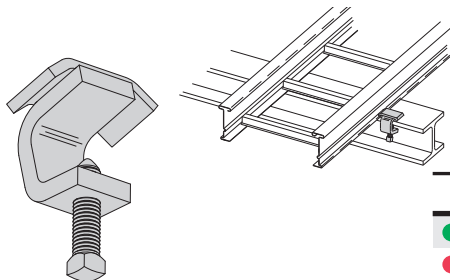
All dimensions in parentheses are millimeters unless otherwise specified.



## Series 2, 3, 4, & 5 Steel - Accessories

### Cable Tray Clamp

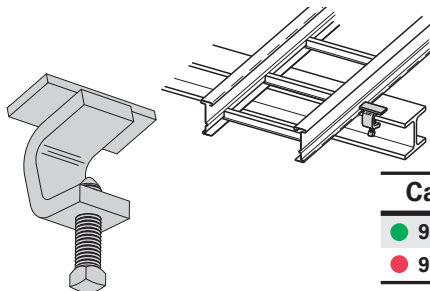
- Hold-down clamps for single or double cable tray runs.
- No drilling of support I-beam or channel is required.
- Sold in pieces - two clamps are required per tray.
- Maximum beam flange thickness  $1\frac{1}{8}"$  (28.58 mm).



| Catalog No.  | Finish |
|--------------|--------|
| ● 9ZN-1249HD | Znplt  |
| ● 9G-1249HD  | HDGAF  |

### Cable Tray Guide

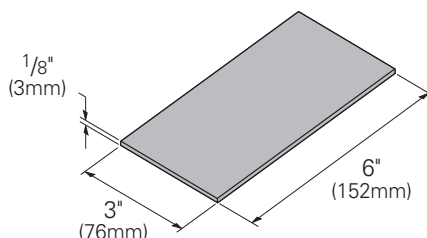
- Expansion guide for single or double cable tray runs.
- Guide allows for longitudinal movement of the cable tray.
- No field drilling of support I-beam or channel is required.
- Guides are required on both sides of cable tray to prevent lateral movement - can be placed on either the inside or outside flange of cable tray.
- Guides are sold in pieces - two guides are required per tray.
- Maximum flange thickness  $1\frac{1}{8}"$  (28.58 mm).



| Catalog No. | Finish |
|-------------|--------|
| ● 9ZN-1249  | Znplt  |
| ● 9G-1249   | HDGAF  |

### Nylon Pad

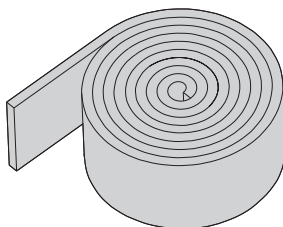
- Use for friction reduction.
- Hardness: Shore D80.
- Low friction coefficient.
- UV resistant.
- Excellent weatherability.
- UL - 94HB.



| Catalog No. |
|-------------|
| ● 99-PE36   |

### Neoprene Roll

- Use for material isolation.
- $\frac{1}{8}" \times 2" \times 25'$  roll.
- Hardness: Shore A60.
- Good weatherability.



| Catalog No. |
|-------------|
| ● 99-NP300  |

### DURA-BLOK™ Rooftop Support Bases with B22 Channel

- Designed as a superior rooftop support for cable tray.
- UV resistant and approved for most roofing material or other flat surfaces.
- Can be used with any of B-Line series cable tray clamps and guides.
- Ultimate Load Capacity: 1,000 lbs. (uniform load)



| Catalog No. | Height x Width x Length<br>in. (mm)                    |
|-------------|--|
| ● DB10-28   | $5\frac{5}{8} \times 6 \times 28.0$ (143 x 152 x 711)  |
| ● DB10-36   | $5\frac{5}{8} \times 6 \times 36.0$ (143 x 152 x 914)  |
| ● DB10-42   | $5\frac{5}{8} \times 6 \times 42.0$ (143 x 152 x 1067) |
| ● DB10-50   | $5\frac{5}{8} \times 6 \times 50.0$ (143 x 152 x 1270) |
| ● DB10-60   | $5\frac{5}{8} \times 6 \times 60.0$ (143 x 152 x 1524) |



LEEDS credit available, base made from 100% recycled material.

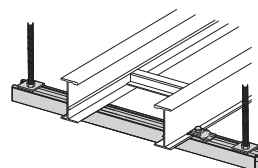
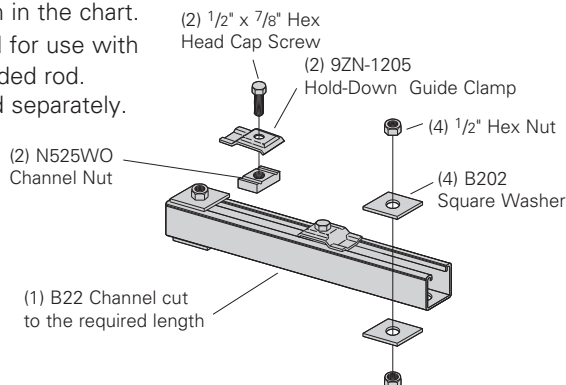
General Note: Consult roofing manufacturer or engineer for roof load capacity. The weakest point may be the insulation board beneath the rubber membrane.

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Trapeze Support Kit

- Eaton's B-Line series trapeze kits provide the components required for a single trapeze support in one package. These kits are available in pre-galvanized steel with zinc-plated hardware, hot dip galvanized steel with 316 stainless steel hardware, or DURA GREEN™ painted steel with zinc-plated hardware.
- The SH channel provides the convenience of pre-punched slots, which eliminate the need for field drilling.
- The illustrated hardware is sealed in a plastic bag and boxed with the channel, which is pre-cut to the appropriate length as shown in the chart.
- Designed for use with 1/2" threaded rod. Order rod separately.

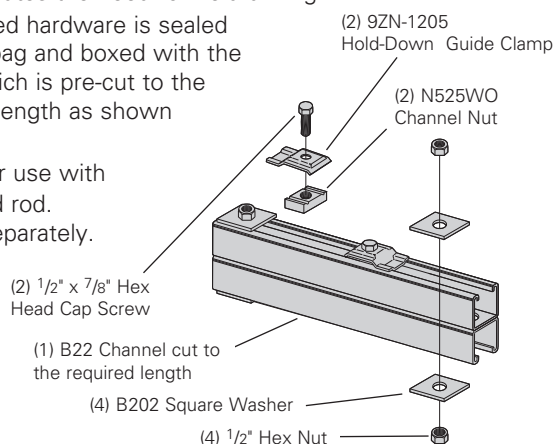


| Catalog No.         | Tray Width<br>in. mm | Channel Length<br>in. mm | Uniform Load<br>lbs kN |
|---------------------|----------------------|--------------------------|------------------------|
| ● 9(*)-5506-22SH(†) | 6 (152)              | 16 (406)                 | 1350 (6.00)            |
| ● 9(*)-5509-22SH(†) | 9 (229)              | 18 (457)                 | 1250 (5.56)            |
| ● 9(*)-5512-22SH(†) | 12 (305)             | 22 (559)                 | 1125 (5.00)            |
| ● 9(*)-5518-22SH(†) | 18 (457)             | 28 (711)                 | 865 (3.85)             |
| ● 9(*)-5524-22SH(†) | 24 (610)             | 34 (864)                 | 700 (3.11)             |
| ● 9(*)-5530-22SH(†) | 30 (762)             | 40 (1016)                | 590 (2.62)             |
| ● 9(*)-5536-22SH(†) | 36 (914)             | 46 (1168)                | 510 (2.27)             |
| ● 9(*)-5542-22SH(†) | 42 (1067)            | 52 (1321)                | 450 (2.00)             |

- (\*) Insert **P** **G** or **GRN**
- (†) Insert 3/8 for 3/8" threaded rod hardware. Safety factor of 3.0 on all loads.

## Heavy Duty Trapeze Support Kit

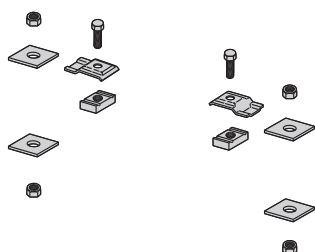
- Eaton's B-Line series trapeze kits provide the components required for a single trapeze support in one package. These kits are available in pre-galvanized steel with zinc-plated hardware, hot dip galvanized steel with 316 stainless steel hardware, or DURA GREEN™ painted steel with zinc-plated hardware.
- The SH channel provides the convenience of pre-punched slots, which eliminates the need for field drilling.
- The illustrated hardware is sealed in a plastic bag and boxed with the channel, which is pre-cut to the appropriate length as shown in the chart.
- Designed for use with 1/2" threaded rod. Order rod separately.



| Catalog No.       | Tray Width<br>in. mm | Channel Length<br>in. mm | Uniform Load<br>lbs kN |
|-------------------|----------------------|--------------------------|------------------------|
| ● 9(*)-5506-22SHA | 6 (152)              | 16 (406)                 | 1350 (6.00)            |
| ● 9(*)-5509-22SHA | 9 (229)              | 18 (457)                 | 1350 (6.00)            |
| ● 9(*)-5512-22SHA | 12 (305)             | 22 (559)                 | 1350 (6.00)            |
| ● 9(*)-5518-22SHA | 18 (457)             | 28 (711)                 | 1350 (6.00)            |
| ● 9(*)-5524-22SHA | 24 (610)             | 34 (864)                 | 1350 (6.00)            |
| ● 9(*)-5530-22SHA | 30 (762)             | 40 (1016)                | 1350 (6.00)            |
| ● 9(*)-5536-22SHA | 36 (914)             | 46 (1168)                | 1350 (6.00)            |
| ● 9(*)-5542-22SHA | 42 (1067)            | 52 (1321)                | 1350 (6.00)            |

- (\*) Insert **P** **G** or **GRN**
- Safety factor of 3.0 on all loads.

## Trapeze Hardware Kit



| Catalog No.    | ● 9ZN-5500-1/2  | ● 9G-5500-1/2   |
|----------------|---|---|
| In plastic bag | 1 pr. 9ZN-1205<br>2 HHC Screw 1/2 x 7/8 ZN<br>2 N525 WO ZN<br>4 B202 ZN 1/2" sq washer<br>4 HN 1/2 ZN | 1 pr. 9G-1205<br>2 HHC Screw 1/2 x 7/8 SS6<br>2 N525 WO SS6<br>4 B202 HDG 1/2" sq washer<br>4 HN 1/2" SS6 |

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

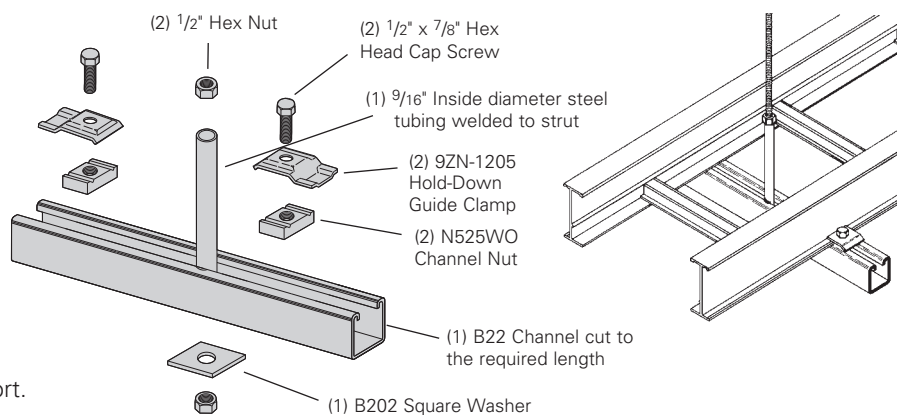
All dimensions in parentheses are millimeters unless otherwise specified.



# Series 2, 3, 4, & 5 Steel - Accessories

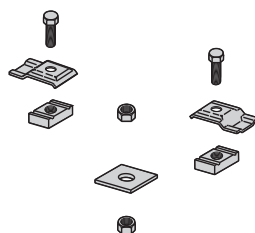
## Center Hung Tray Support

- Center Hung Cable Tray Support allows cable to be laid-in from both sides.
- Eliminates costly cable pulling and field cutting of cable tray supports. Labor costs are dramatically reduced.
- Required hardware and threaded rod material for trapeze assemblies are reduced by up to 50%.
- Designed for use with 1/2" threaded rod. (Order rod separately)
- Use with all aluminum and steel cable trays through 24" width.
- Load capacity is 700 lbs. (311kN) per support. Safety factor of 3.0. Eccentric loading is not to exceed a 60% vs. 40% load differential.
- The maximum recommended unsupported span length is 144"/12 ft. (3.66 m).
- Hardware shown is furnished.
- Finish available: Zinc Plated



| Catalog No. | Tray Width<br>in. (mm)      | Channel Length<br>in. (mm) |
|-------------|-----------------------------|----------------------------|
| ● 9ZN-5212  | 6", 9", 12" (152, 228, 305) | 18" (457)                  |
| ● 9ZN-5224  | 18", 24" (457, 609)         | 30" (762)                  |

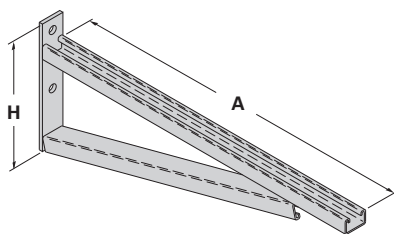
## Center Hung Support Hardware Kit



| Catalog No.    | ● 9ZN-5200  |
|----------------|---|
| In plastic bag | 1 pr. 9ZN-1205<br>2 HHC Screw 1/2 x 7/8 ZN<br>2 N525 WO ZN<br>1 B202 ZN 1/2" sq washer<br>4 HN 1/2 ZN |

## Bracket (12" - 48")

- (\*) Insert available finish: **ZN** **GRN** or **HDG**
- Safety Load Factor 2.5



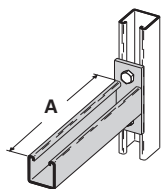
Bottom brace is B42 channel on B494-24 and smaller and B22 channel on B494-30 and larger

| Catalog No. | Uniform Load<br>lbs (kN) | Tray Width<br>in. (mm) | 'A'<br>in. (mm) | 'H'<br>in. (mm) |
|-------------|--------------------------|------------------------|-----------------|-----------------|
| ● B494-12   | 2500 (11.12)             | 6 & 9 (152 & 229)      | 12 (305)        | 8 3/4 (222)     |
| ● B494-18   | 1700 (7.56)              | 12 (305)               | 18 (457)        | 8 3/4 (222)     |
| ● B494-24   | 1300 (5.78)              | 18 (457)               | 24 (610)        | 8 3/4 (222)     |
| B494-30     | 1600 (7.11)              | 24 (610)               | 30 (762)        | 11 1/4 (286)    |
| B494-36     | 1100 (4.89)              | 30 (762)               | 36 (914)        | 11 1/4 (286)    |
| B494-42     | 980 (4.36)               | 36 (914)               | 42 (1067)       | 16 (406)        |
| B494-48     | 980 (4.36)               | 42 (1067)              | 48 (1219)       | 16 (406)        |

For more dimensional data see Strut Systems catalog

## Cantilever Bracket

- (\*) Insert available finish: **ZN** **GRN** or **HDG**
- Safety Load Factor 2.5



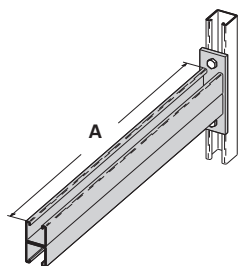
| Catalog No. | Uniform Load<br>lbs kN | Tray Width<br>in. mm | 'A'<br>in. mm |
|-------------|------------------------|----------------------|---------------|
| B409-12     | 960 (4.27)             | 6 & 9 (152 & 229)    | 12 (305)      |
| B409-18     | 640 (2.84)             | 12 (305)             | 18 (457)      |
| B409-24     | 480 (2.13)             | 18 (457)             | 24 (610)      |

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Cantilever Bracket

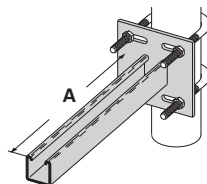
- (\*) Insert available finish: **ZN** **GRN** or **HDG**
- Safety Load Factor 2.5



| Catalog No.    | Uniform Load |        | Tray Width |             | 'A' |        |
|----------------|--------------|--------|------------|-------------|-----|--------|
|                | lbs          | kN     | in.        | mm          | in. | mm     |
| <b>B297-12</b> | 1660         | (7.38) | 6 & 9      | (152 & 229) | 12  | (305)  |
| <b>B297-18</b> | 1100         | (4.89) | 12         | (305)       | 18  | (457)  |
| <b>B297-24</b> | 835          | (3.71) | 18         | (457)       | 24  | (610)  |
| <b>B297-30</b> | 665          | (2.93) | 24         | (610)       | 30  | (762)  |
| <b>B297-36</b> | 550          | (2.44) | 30         | (762)       | 36  | (914)  |
| <b>B297-42</b> | 465          | (2.06) | 36         | (914)       | 42  | (1067) |

## Underfloor Support (U-Bolts not included)

- Finishes available: **ZN**
- Safety Load Factor 2.5

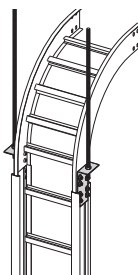
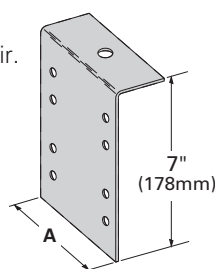


| U-Bolt Size | Fits Pipe O.D. |
|-------------|----------------|
| B501-3/4    | .841 - 1.050   |
| B501-1      | 1.051 - 1.315  |
| B501-1 1/4  | 1.316 - 1.660  |
| B501-1 1/2  | 1.661 - 1.900  |
| B501-2      | 1.901 - 2.375  |
| B501-2 1/2  | 2.376 - 2.875  |

| Catalog No.      | Uniform Load |        | Tray Width |             | 'A' |       |
|------------------|--------------|--------|------------|-------------|-----|-------|
|                  | lbs          | (kN)   | in.        | (mm)        | in. | (mm)  |
| <b>B409UF-12</b> | 800          | (3.56) | 6 & 9      | (152 & 229) | 12  | (305) |
| <b>B409UF-21</b> | 450          | (2.00) | 12 & 18    | (305 & 457) | 21  | (533) |

## Vertical Hanger Splice Plates

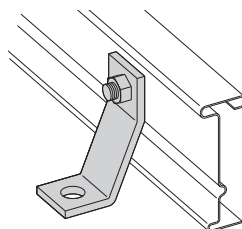
- Design load is 1500 lbs (6.67kN) per pair.
- Safety Factor of 2.5
- Furnished in pairs.
- Hole size: 9/16" (14mm) for 1/2" threaded rod.
- (\*) Insert **ZN** or **G**



| Catalog No.        | Outside Cable Tray Ht. | 'A'  |          |
|--------------------|------------------------|------|----------|
|                    |                        | in.  | (mm)     |
| <b>● 9(*)-8224</b> | 4"                     | 3.84 | (97.54)  |
| <b>● 9(*)-8225</b> | 5"                     | 4.73 | (120.14) |
| <b>● 9(*)-8226</b> | 6"                     | 5.84 | (148.34) |
| <b>● 9(*)-8227</b> | 7"                     | 6.84 | (173.74) |

## Heavy Duty Hold Down Bracket

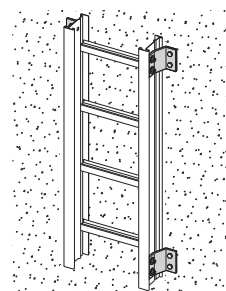
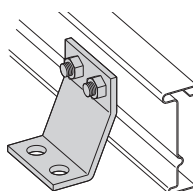
- Design load is 2000 lbs (8.89kN) per pair.
- Two bolt design.
- Sold in pairs.
- 3/8" cable tray attachment hardware provided.
- 1/2" support attachment hardware **not** provided.
- (\*) Insert **ZN** or **G**
- Recommended for support of vertical trays.



| Catalog No.      |
|------------------|
| <b>9(*)-1241</b> |

## Heavy Duty Hold Down Bracket

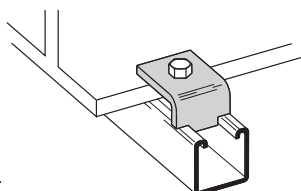
- Design load is 4000 lbs (17.79kN) per pair.
- Four bolt design.
- Sold in pairs.
- 3/8" cable tray attachment hardware provided
- 1/2" support attachment hardware **not** provided.
- (\*) Insert **ZN** or **G**
- Recommended for support of vertical trays.



| Catalog No.      |
|------------------|
| <b>9(*)-1242</b> |

## Beam Clamp

- Finishes available: **ZN** **GRN** **HDG** or **SS4**
- Sold in pieces.
- Design load is 1200 lbs (5.34kN) per pair.
- Safety Load Factor 5.0.
- Order HHCS and Channel Nuts separately.



| Catalog No. |
|-------------|
| <b>B355</b> |

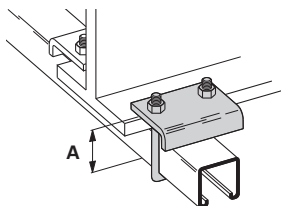
● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

# Series 2, 3, 4, & 5 Steel - Accessories

## Beam Clamp

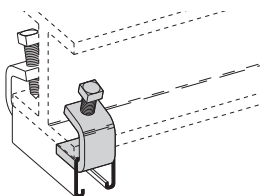
- Finishes available: **ZN** or **HDG**
- Sold in pieces.
- \*Design load when used in pairs.  
Safety Load Factor 5.0



| Catalog No.     | Design Load<br>lbs (kN) | 'A'<br>in. (mm)                    |
|-----------------|-------------------------|------------------------------------|
| <b>B441-22</b>  | 1200 (5.34)             | 3 <sup>3</sup> / <sub>8</sub> (86) |
| <b>B441-22A</b> | 1200 (5.34)             | 5 (127)                            |

## Beam Clamp

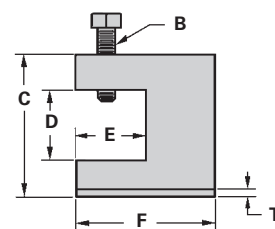
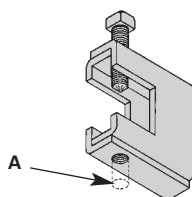
- Finishes available: **ZN** **GRN** or **HDG**
- Sold in pieces.
- \*Design load when used in pairs.  
Safety Load Factor 5.0



| Catalog No.              | B212-1/4          | B212-3/8            |
|--------------------------|-------------------|---------------------|
| <b>Design Load *</b>     | 600 lbs. (2.67kN) | 1000 lbs. (4.45 kN) |
| <b>Max. Flange Thick</b> | 3/4" (19 mm)      | 1 1/8" (28.6 mm)    |
| <b>Mat'l. Thickness</b>  | 1/4" (6.3 mm)     | 3/8" (9.5 mm)       |

## B305 Thru B308 & B321 Series Beam Clamps

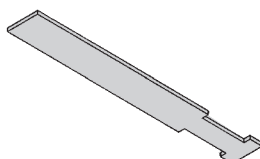
- Finishes available: **ZN** or **HDG**
- Setscrew included.
- Safety Load Factor 5.0



| Catalog No.   | Rod Size A | B       | C<br>in. (mm)                         | D<br>in. (mm)  | E<br>in. (mm)                        | F<br>in. (mm) | T<br>in. (mm) | Design Load<br>lbs (kN) |
|---------------|------------|---------|---------------------------------------|----------------|--------------------------------------|---------------|---------------|-------------------------|
| <b>B305</b>   | 3/8"-16    | 3/8"-16 | 2 <sup>5</sup> / <sub>16</sub> (58.7) | 7/8 (22.2)     | 1 1/8 (28.6)                         | 2 1/2 (63.5)  | 11 Ga. (3.0)  | 600 (2.67)              |
| <b>B306</b>   | 3/8"-16    | 1/2"-13 | 2 <sup>7</sup> / <sub>16</sub> (61.9) | 7/8 (22.2)     | 1 1/8 (28.6)                         | 2 1/2 (63.5)  | 7 Ga. (4.5)   | 1100 (4.90)             |
| <b>B307</b>   | 1/2"-13    | 1/2"-13 | 2 <sup>7</sup> / <sub>16</sub> (61.9) | 7/8 (22.2)     | 1 1/8 (28.6)                         | 2 1/2 (63.5)  | 7 Ga. (4.5)   | 1100 (4.90)             |
| <b>B308</b>   | 1/2"-13    | 1/2"-13 | 2 <sup>9</sup> / <sub>16</sub> (65.1) | 7/8 (22.2)     | 1 1/8 (28.6)                         | 2 1/2 (63.5)  | 1/4 (6.3)     | 1500 (6.68)             |
| <b>B321-1</b> | 3/8"-16    | 1/2"-13 | 3 <sup>9</sup> / <sub>16</sub> (90.5) | 1 11/16 (42.9) | 1 <sup>5</sup> / <sub>8</sub> (41.3) | 3 1/4 (82.5)  | 1/4 (6.3)     | 1300 (5.79)             |
| <b>B321-2</b> | 1/2"-13    | 1/2"-13 | 3 <sup>9</sup> / <sub>16</sub> (90.5) | 1 11/16 (42.9) | 1 <sup>5</sup> / <sub>8</sub> (41.3) | 3 1/4 (82.5)  | 1/4 (6.3)     | 1400 (6.23)             |

## Anchor Strap - for B305 thru B308 & B321 Series

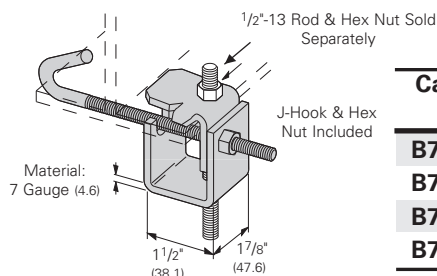
- Finish available: **ZN**
- For a maximum beam thickness of 3/4" (19mm).
- For thicker beams, step up one flange width size.



| Catalog No.    | Flange Width<br>in. (mm) |
|----------------|--------------------------|
| <b>B312-6</b>  | Up to 6 (Up to 152)      |
| <b>B312-9</b>  | 6 - 9 (152 to 228)       |
| <b>B312-12</b> | 9 - 12 (228 to 305)      |

## Beam Clamp

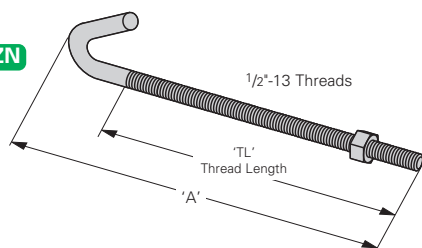
- Finish available: **ZN**
- Design Load 500 lbs. (2.22 kN)
- Safety Load Factor 5.0
- Recommended torque:  
'J'-Hook Nut 125 In.-Lbs. (14.1 kN/m)
- Maximum flange thickness  
of 3/4" (19mm).



| Catalog No.     | For Flange Width<br>in. (mm) | Wt./C<br>lbs (kg) |
|-----------------|------------------------------|-------------------|
| <b>B750-J4</b>  | 3 - 6 (76.2 - 152.4)         | 109 (49.4)        |
| <b>B750-J6</b>  | 5 - 9 (127.0 - 228.6)        | 124 (56.2)        |
| <b>B750-J9</b>  | 8 - 12 (203.2 - 304.8)       | 135 (61.2)        |
| <b>B750-J12</b> | 11 - 15 (279.4 - 381.0)      | 147 (66.7)        |

## 'J'-Hook

- Finishes available: **ZN**
- Hex Nut included.



| Catalog No.     | 'A'<br>in. (mm) | 'TL'<br>in. (mm) | Wt./C<br>lbs (kg) |
|-----------------|-----------------|------------------|-------------------|
| <b>B700-J4</b>  | 8 1/2 (215.9)   | 5 (127.0)        | 44 (19.9)         |
| <b>B700-J6</b>  | 11 1/2 (292.1)  | 6 (152.4)        | 53 (24.0)         |
| <b>B700-J9</b>  | 12 1/4 (368.3)  | 6 (152.4)        | 63 (28.6)         |
| <b>B700-J12</b> | 17 1/2 (444.5)  | 6 (152.4)        | 78 (35.4)         |

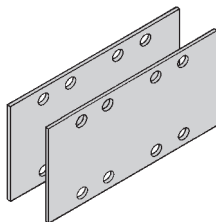
● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

# Series 2, 3, 4, & 5 Steel - Accessories

## Splice Plates

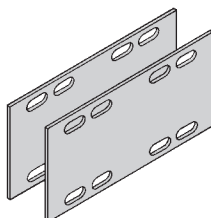
- Standard 8-hole pattern for all steel splice plates.
- Furnished in pairs with hardware.
- One pair including hardware provided with straight section. (Expansion splice quantity subtracted)
- Boxed in pairs with hardware.
- (\*) Insert **ZN** or **G**



| Catalog No. | Height<br>in. mm |
|-------------|------------------|
| 9(*)-8004   | 4 (101)          |
| 9(*)-8005   | 5 (127)          |
| 9(*)-8006   | 6 (152)          |
| 9(*)-8007   | 7 (178)          |

## Expansion Splice Plates

- Expansion plates allow for one inch expansion or contraction of the cable tray, or where expansion joints occur in the support structure.
- Furnished in pairs with hardware.
- Bonding Jumpers are required on each siderail. Order Separately.
- (\*) Insert **ZN** or **G**

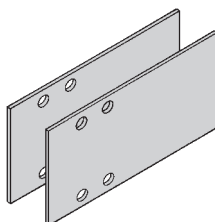


For heavy duty expansion splice plates see page APP-3.

| Catalog No. | Height<br>in. mm |
|-------------|------------------|
| 9(*)-8014   | 4 (101)          |
| 9(*)-8015   | 5 (127)          |
| 9(*)-8016   | 6 (152)          |
| 9(*)-8017   | 7 (178)          |

## Universal Splice Plates

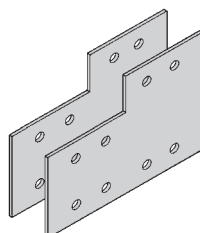
- Used to splice to existing cable tray systems.
- Furnished in pairs with hardware.
- (\*) Insert **ZN** or **G**



| Catalog No.    | Height<br>in. mm |
|----------------|------------------|
| 9(*)-8004-1/2  | 4 (101)          |
| 9(*)-8005-1/2  | 5 (127)          |
| 9(*)-8006 -1/2 | 6 (152)          |
| 9(*)-8007 -1/2 | 7 (178)          |

## Step Down Splice Plates

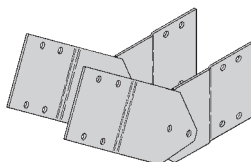
- These splice plates are offered for connecting cable tray sections having side rails of different heights.
- Furnished in pairs with hardware.
- (\*) Insert **ZN** or **G**



| Catalog No. | Height<br>in. mm    |
|-------------|---------------------|
| 9(*)-8045   | 5 to 4 (127 to 101) |
| 9(*)-8046   | 6 to 4 (152 to 101) |
| 9(*)-8060   | 6 to 5 (152 to 127) |
| 9(*)-8047   | 7 to 4 (178 to 101) |
| 9(*)-8061   | 7 to 5 (178 to 127) |
| 9(*)-8062   | 7 to 6 (178 to 152) |

## Vertical Adjustable Splice Plates

- These plates provide for changes in elevation that do not conform to standard vertical fittings.
- Furnished in pairs with hardware.
- **Bonding Jumpers not required.**
- (\*) Insert **G** or **P**

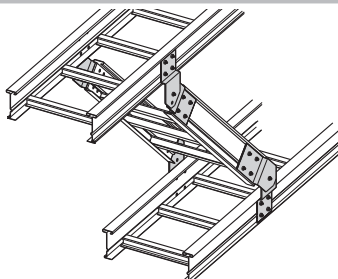


Requires supports within 24" on both sides, per NEMA VE 2.

| Catalog No. | Height<br>in. mm |
|-------------|------------------|
| 9(*)-8024   | 4 (101)          |
| 9(*)-8025   | 5 (127)          |
| 9(*)-8026   | 6 (152)          |
| 9(*)-8027   | 7 (178)          |

## Branch Pivot Connectors

- Branch from existing cable tray runs at any point.
- Pivot to any required angle.
- UL Classified for grounding (bonding jumpers not required).
- Furnished in pairs with hardware.
- (\*) Insert **ZN** or **G**



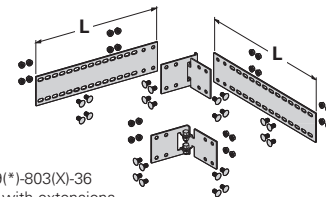
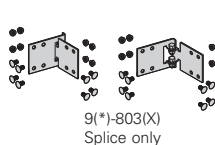
| Catalog No. | Height<br>in. mm |
|-------------|------------------|
| 9(*)-8244   | 4 (101)          |
| 9(*)-8245   | 5 (127)          |
| 9(*)-8246   | 6 (152)          |
| 9(*)-8247   | 7 (178)          |

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Horizontal Adjustable Splice Plates

- Offered to adjust a cable tray run for changes in direction in a horizontal plane that do not conform to standard horizontal fittings.
- Furnished in pairs with hardware.
- Bonding jumpers **not** required.
- (\*) Insert **ZN** or **G**
- (X) Insert 4, 5, 6 or 7 for side rail height.

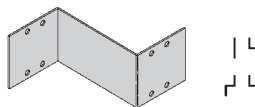


| Catalog No.    | Cable Tray End Cut | Thru Tray Width<br>in. (mm) | 'L'<br>in. (mm) |
|----------------|--------------------|-----------------------------|-----------------|
| 9(*)-803(X)    | Mitered            | 36 (914)                    | N/A (NA)        |
| 9(*)-803(X)-12 | Not mitered        | 12 (305)                    | 16 (406)        |
| 9(*)-803(X)-36 | Not mitered        | 36 (914)                    | 41 (1041)       |

Requires supports within 24" on both sides, per NEMA VE 2.

## Offset Reducing Splice Plate

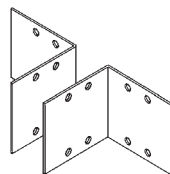
- This plate is used for joining cable trays having different widths. When used in pairs they form a straight reduction; when used singly with a standard splice plate, they form an offset reduction.
- Furnished as one plate with hardware.
- (‡) Insert reduction
- (\*) Insert **G** or **P**



| Catalog No.   | Height<br>in. mm |
|---------------|------------------|
| 9(*)-8064-(‡) | 4 (101)          |
| 9(*)-8065-(‡) | 5 (127)          |
| 9(*)-8066-(‡) | 6 (152)          |
| 9(*)-8067-(‡) | 7 (178)          |

## Tray to Box Splice Plates

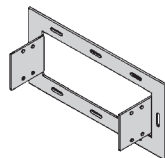
- Used to attach the end of a cable tray run to a distribution box or control panel.
- Furnished in pairs with hardware.
- (\*) Insert **G** or **P**



| Catalog No. | Height<br>in. mm |
|-------------|------------------|
| 9(*)-8054   | 4 (101)          |
| 9(*)-8055   | 5 (127)          |
| 9(*)-8056   | 6 (152)          |
| 9(*)-8057   | 7 (178)          |

## Frame Type Box Connector

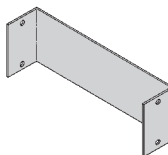
- Designed to attach the end of a cable tray run to a distribution cabinet or control center to help reinforce the box at the point of entry.
- Furnished with tray connection hardware.
- (\*) Insert **ZN** or **G**
- (‡) Insert tray width



| Catalog No.   | Height<br>in. mm |
|---------------|------------------|
| 9(*)-8074-(‡) | 4 (101)          |
| 9(*)-8075-(‡) | 5 (127)          |
| 9(*)-8076-(‡) | 6 (152)          |
| 9(*)-8077-(‡) | 7 (178)          |

## Blind End

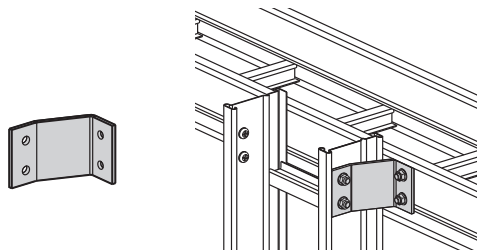
- This plate forms a closure for a dead end cable tray.
- Furnished as one plate with hardware.
- (\*) Insert **G** or **P**
- (‡) Insert tray width



| Catalog No.   | Height<br>in. mm |
|---------------|------------------|
| 9(*)-8084-(‡) | 4 (101)          |
| 9(*)-8085-(‡) | 5 (127)          |
| 9(*)-8086-(‡) | 6 (152)          |
| 9(*)-8087-(‡) | 7 (178)          |

## Cross Connector Bracket

- For field connecting crossing section.
- Furnished in pairs with 3/8" hardware.
- (\*) Insert **ZN** or **G**



| Catalog No. |
|-------------|
| 9(*)-1240   |

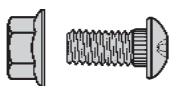
● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

# Series 2, 3, 4, & 5 Steel - Accessories

## Standard Tray Hardware (for field installation drill $13/32$ " hole)

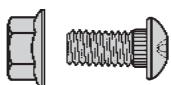
- Finishes: [ZN] Zinc Plated ASTM B633 SC1 for pre-galvanized tray  
[CZ] Chromium Zinc Plated F1136-88 Grade A for hot dip galvanized tray



| Catalog No.  | Description                                     |
|--|---|
| ● <b>RNCB <math>3/8</math>" x <math>3/4</math>" ZN</b> | Ribbed Neck Carriage Bolt ASTM A307 Grade A     |
| ● <b>SFHN <math>3/8</math>"-16 ZN</b>                  | Serrated Flange Hex Nut ASTM A563 Grade A       |
| ● <b>RNCB <math>3/8</math>" x <math>3/4</math>" CZ</b> | Ribbed Neck Carriage Bolt ASTM F1136-88 Grade 3 |
| ● <b>SFHN <math>3/8</math>"-16 CZ</b>                  | Serrated Flange Hex Nut ASTM F1136-88 Grade A   |

## Optional Tray Hardware (for field installation drill $13/32$ " hole)

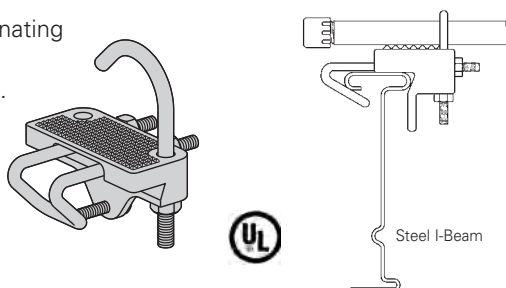
- To order 316 stainless steel hardware add SS6 suffix to catalog number -  
Example: 9G-8004SS6



| Catalog No.   | Description  |
|---|--|
| ● <b>RNCB <math>3/8</math>" x <math>3/4</math>" SS6</b> | Ribbed Neck Carriage Bolt AISI 316 Stainless Steel |
| ● <b>SFHN <math>3/8</math>"-16 SS6</b>                  | Serrated Flange Hex Nut AISI 316 Stainless Steel   |

## Conduit to Cable Tray Adaptor

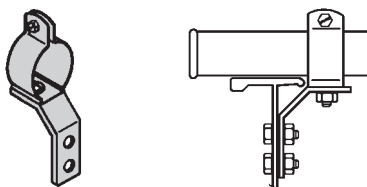
- For easy attachment of conduit terminating at a cable tray.
- Use on aluminum or steel cable trays.



| Catalog No.   | Conduit Size           |
|---|------------------------|
|   | in. mm                 |
| ● <b>9G-1158-<math>1/2</math>, <math>3/2</math></b> | $1/2$ , $3/4$ (15, 20) |
| ● <b>9G-1158-1, <math>11/4</math></b>               | 1, $11/4$ (25, 32)     |
| ● <b>9G-1158-<math>11/2</math>, 2</b>               | $11/2$ , 2 (40, 50)    |
| ● <b>9G-1158-<math>21/2</math>, 3</b>               | $21/2$ , 3 (65, 80)    |
| ● <b>9G-1158-<math>31/2</math>, 4</b>               | $31/2$ , 4 (90, 100)   |

## Conduit to Cable Tray Adaptor

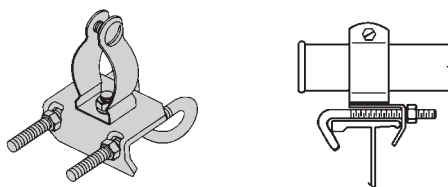
- Assembly required.
- Mounting hardware included.
- Conduit clamps provided.
- (‡) = Insert conduit size ( $1/2$ " thru 4").



| Catalog No.           |
|-----------------------|
| ● <b>9ZN-1150-(‡)</b> |

## Conduit to Cable Tray Adaptor

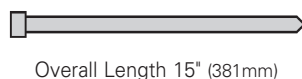
- Assembly required.
- Conduit clamps included.
- (‡) = Insert conduit size ( $1/2$ " thru 4").



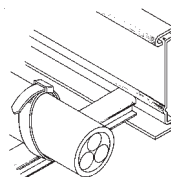
| Catalog No.           |
|-----------------------|
| ● <b>9ZN-1155-(‡)</b> |

## Cable Tie (Ladder Tray)

- Nylon ties provide easy attachment of cable to ladder rungs; maximum cable O.D. is 3" (76mm).



Overall Length 15" (381mm)



| Catalog No.         |
|---------------------|
| ● <b>99-2125-15</b> |

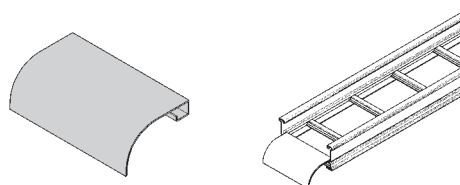
● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.



## Ladder Drop-Out

- Specially-designed Ladder Drop-Outs provide a rounded surface with 4" (101 mm) radius to protect cable as it exits from the cable tray, preventing damage to insulation. The drop-out will attach to any desired rung.
- (\*) Insert **P** or **G**
- (‡) Insert tray width

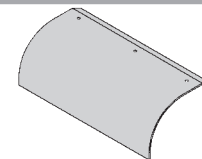
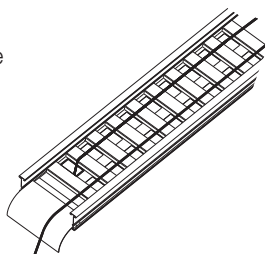


Catalog No.

**9(\*)-1104-(‡)**

## Trough Drop-Out & Drop-Out Bushing

- These devices provide a rounded surface to protect cable as it exits from the trough-type cable tray.
- Hardware is included for attachment of the trough bottom drop-out.
- (\*) Insert **P** or **G**
- (‡) Insert tray width



Trough-Type Drop-Out

Catalog No.

**9(\*)-1104T-(‡)**

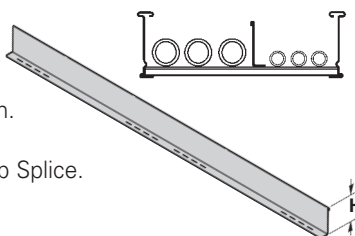
Snap-In Plastic Bushing

Catalog No.

**99-1124**

## Barrier - Straight Section

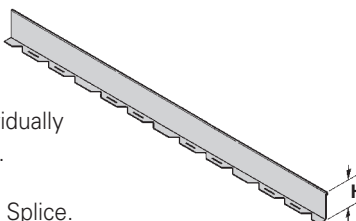
- Length: Insert 120 for [120" - 10 ft.] (3.0 m) or 144 for [144" - 12 ft.] (3.6 m)
- Order catalog number based on loading depth.
- Furnished with four #10 x 1/2" plated self-drilling screws and a 99-9982 Barrier Strip Splice.
- (\*) Insert **P** or **G**



| Catalog No.         | Side Rail Height<br>in. mm | Loading Depth 'H'<br>in. mm |
|---------------------|----------------------------|-----------------------------|
| <b>73(*)-Length</b> | 4 (101)                    | 3 (76)                      |
| <b>74(*)-Length</b> | 5 (127)                    | 4 (101)                     |
| <b>75(*)-Length</b> | 6 (152)                    | 5 (127)                     |
| <b>76(*)-Length</b> | 7 (178)                    | 6 (152)                     |

## Barrier - Horizontal Bend

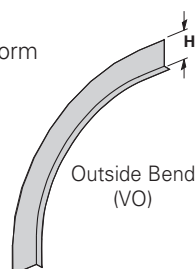
- Horizontal Bend Barriers are flexible in order to conform to any horizontal fitting radius. Can be cut to desired length.
- Standard length is 72" [6 ft.] (1.8 m) - sold individually
- Order catalog number based on loading depth.
- Furnished with three #10 x 1/2" plated self-drilling screws and a 99-9982 Barrier Strip Splice.
- (\*) Insert **P** or **G**



| Catalog No.         | Side Rail Height<br>in. mm | Loading Depth 'H'<br>in. mm |
|---------------------|----------------------------|-----------------------------|
| <b>73(*)-90HBFL</b> | 4 (101)                    | 3 (76)                      |
| <b>74(*)-90HBFL</b> | 5 (127)                    | 4 (101)                     |
| <b>75(*)-90HBFL</b> | 6 (152)                    | 5 (127)                     |
| <b>76(*)-90HBFL</b> | 7 (178)                    | 6 (152)                     |

## Barrier - Vertical Outside Bend

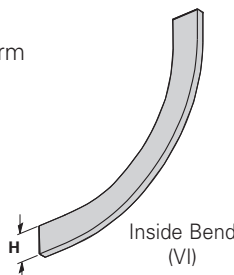
- Vertical Outside Bend Barriers are preformed to conform to a specific vertical outside bend fitting.
- Furnished with three #10 x 1/2" plated self-drilling screws and a 99-9982 Barrier Strip Splice.
- (\*) Insert **P** or **G**
- (\*\*) Insert 30, 45, 60 or 90 for degrees
- (t) Insert 12, 24, 36 or 48 for radius



| Catalog No.            | Side Rail Height<br>in. mm | Loading Depth 'H'<br>in. mm |
|------------------------|----------------------------|-----------------------------|
| <b>73(*)-(**VO(t))</b> | 4 (101)                    | 3 (76)                      |
| <b>74(*)-(**VO(t))</b> | 5 (127)                    | 4 (101)                     |
| <b>75(*)-(**VO(t))</b> | 6 (152)                    | 5 (127)                     |
| <b>76(*)-(**VO(t))</b> | 7 (178)                    | 6 (152)                     |

## Barrier - Vertical Inside Bend

- Vertical Inside Bend Barriers are preformed to conform to a specific vertical inside bend fitting.
- Furnished with three #10 x 1/2" plated self-drilling screws and a 99-9982 Barrier Strip Splice.
- (\*) Insert **P** or **G**
- (\*\*) Insert 30, 45, 60 or 90 for degrees
- (t) Insert 12, 24, 36 or 48 for radius



| Catalog No.            | Side Rail Height<br>in. mm | Loading Depth 'H'<br>in. mm |
|------------------------|----------------------------|-----------------------------|
| <b>73(*)-(**VI(t))</b> | 4 (101)                    | 3 (76)                      |
| <b>74(*)-(**VI(t))</b> | 5 (127)                    | 4 (101)                     |
| <b>75(*)-(**VI(t))</b> | 6 (152)                    | 5 (127)                     |
| <b>76(*)-(**VI(t))</b> | 7 (178)                    | 6 (152)                     |

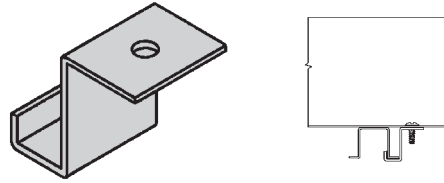
● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Series 2, 3, 4, & 5 Steel - Accessories

### Barrier Strip Clip

- Zinc plated steel barrier clip fastens to either aluminum or steel ladder rung.
- Furnished with one #10 x 1/2" zinc plated self-drilling screw.

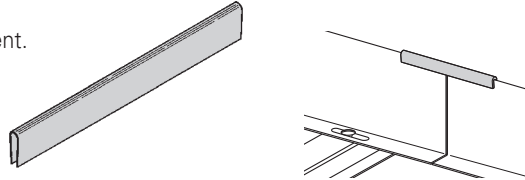


Catalog No.

● 9ZN-9002

### Barrier Strip Splice

- Plastic splice holds adjoining barrier strips in straight alignment.
- 3" (76mm) long.



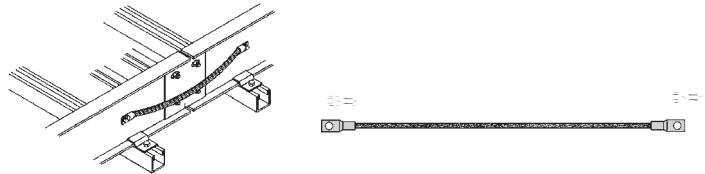
Catalog No.

● 99-9982

### Bonding Jumper

Use at each expansion splice and where the cable tray is not mechanically/electrically continuous to ground. Sold individually.

- Hardware included.
- See table 392.7(B)(2) on page CTS-9 for amperage ratings required to match the UL cross-sectional area of the tray.
- See tray loading chart for UL cross-sectional area.
- Bonding jumper is 14 1/2" (368mm) long.



Catalog No.

● 99-N1

Copper Wire Size

#1

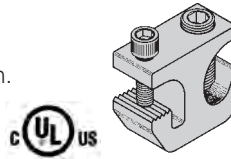
Ampacity

600

### Grounding Clamp

B-Line series cable tray is UL® classified as to its suitability as an equipment grounding conductor. If a separate conductor for additional grounding capability is desired, we offer this clamp for bolting the conductor at least once to each cable tray section.

- Accepts #6 AWG to 250 MCM.



Catalog No.

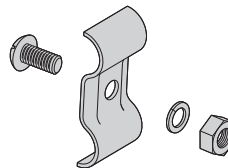
● 9A-2130

Material

Tin Plated Aluminum

### Ground Wire Clamp

- Mechanically attaches grounding cables to cable tray.
- Hardware included.
- (\*) Insert **ZN** or **SS4**



Catalog No.

9(\*)-2351

Material

#1 thru 2/0

9(\*)-2352

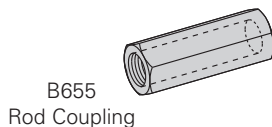
3/0 thru 250 MCM

### Thread Rod (ATR) & Rod Couplings

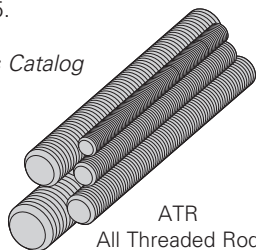
Loading based on safety factor 5.

Standard Finish: Zinc plated

See B-Line series Strut Systems Catalog for other sizes and finishes.



B655  
Rod Coupling



ATR  
All Threaded Rod

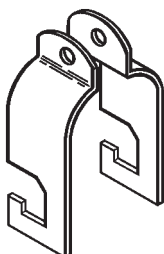
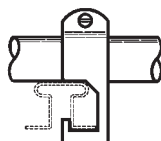
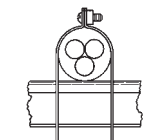
| Size                    | Catalog No.         | Available Length     | Loading   |
|-------------------------|---------------------|----------------------|-----------|
| <b>All Threaded Rod</b> |                     |                      |           |
| 3/8"-16                 | ● ATR 3/8" x Length | 36", 72", 120", 144" | 730 lbs.  |
| 1/2"-13                 | ● ATR 1/2" x Length | 36", 72", 120", 144" | 1350 lbs. |
| <b>Rod Coupling</b>     |                     |                      |           |
| 3/8"-16                 | ● B655-3/8"         | NA                   | 730 lbs.  |
| 1/2"-13                 | ● B655-1/2"         | NA                   | 1350 lbs. |

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Stainless Steel Cable Clamp

- Fits with series 2, 3, 4 & 5 standard steel rungs.
- Shipped flat. Field form around the cable at the time of installation.

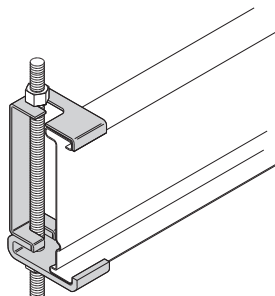


Refer to Section CF  
Cable Fixing

| Catalog No. | Cable Size  |             |
|-------------|-------------|-------------|
|             | in.         | mm          |
| ● 9SS4-4050 | 0.50 - 0.75 | (13 - 19)   |
| ● 9SS4-4075 | 0.75 - 1.00 | (19 - 25)   |
| ● 9SS4-4100 | 1.00 - 1.25 | (25 - 32)   |
| ● 9SS4-4125 | 1.25 - 1.50 | (32 - 38)   |
| ● 9SS4-4150 | 1.50 - 1.75 | (38 - 45)   |
| ● 9SS4-4175 | 1.75 - 2.00 | (45 - 51)   |
| ● 9SS4-4200 | 2.00 - 2.25 | (51 - 57)   |
| ● 9SS4-4225 | 2.25 - 2.50 | (57 - 64)   |
| ● 9SS4-4250 | 2.50 - 2.75 | (64 - 70)   |
| ● 9SS4-4275 | 2.75 - 3.00 | (70 - 76)   |
| ● 9SS4-4300 | 3.00 - 3.25 | (76 - 82)   |
| ● 9SS4-4325 | 3.25 - 3.50 | (82 - 89)   |
| ● 9SS4-4350 | 3.50 - 3.75 | (89 - 95)   |
| ● 9SS4-4375 | 3.75 - 4.00 | (95 - 100)  |
| ● 9SS4-4400 | 4.00 - 4.25 | (100 - 106) |
| ● 9SS4-4425 | 4.25 - 4.50 | (106 - 113) |
| ● 9SS4-4450 | 4.50 - 4.75 | (113 - 121) |
| ● 9SS4-4475 | 4.75 - 5.00 | (121 - 125) |

## Hanger Rod Clamp

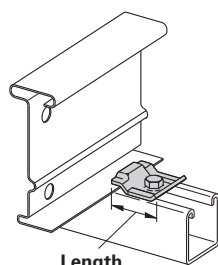
- For 1/2" ATR.
- Furnished in pairs.
- Order ATR and hex nuts separately.
- Two-piece "J"-hanger design.
- 1500 lbs./pair capacity safety factor 3.
- (\*) Insert **ZN** or **G**



| Catalog No. | Height |       |
|-------------|--------|-------|
|             | in.    | mm    |
| 9(*)-5324   | 4      | (101) |
| 9(*)-5325   | 5      | (127) |
| 9(*)-5326   | 6      | (152) |
| 9(*)-5327   | 7      | (178) |

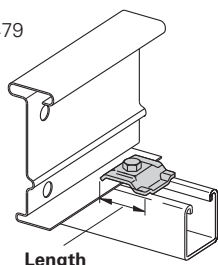
## Cable Tray Clamp/Guide

- Features a no-twist design.
- Has four times the strength of the traditional design.
- Each side is labeled to ensure proper installation.
- Furnished in pairs, with or without hardware.
- Not recommended for vertical support.



Length  
9ZN-1204 shown.  
Installed as a guide.

Patent # RE35479



Length  
9ZN-1208 shown.  
Installed as a clamp.

When installing this device as an expansion guide on the outside flange of *Steel Side Rail*, use the Catalog No. **B202** Square Washer in order to properly elevate the guide.

Note: For heavy duty or vertical applications see 9(\*)-1241 or 9(\*)-1242 page HAT-20

| Catalog No.      |               | Overall Length<br>in. (mm) | Hardware Size<br>in. | Finish |
|------------------|---------------|----------------------------|----------------------|--------|
| Without Hardware | With Hardware |                            |                      |        |
| ● 9ZN-1204       | ● 9ZN-1204NB  | 1 1/2 (38)                 | 1/4"                 | G90    |
| ● 9ZN-1208       | ● 9ZN-1208NB  | 2 1/4 (57)                 | 3/8"                 | G90    |
| ● 9A-1205        | --            | 2 1/4 (57)                 | 1/2"                 | Alum.  |
| ● 9G-1205        | --            | 2 1/4 (57)                 | 1/2"                 | HDGAF  |
| ● 9SS6-1205      | --            | 2 1/4 (57)                 | 1/2"                 | 316SS  |
| ● 9ZN-1205       | --            | 2 1/4 (57)                 | 1/2"                 | G90    |

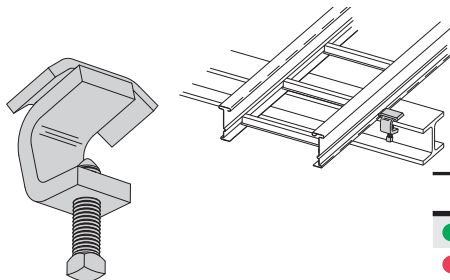
● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Series 2, 3, 4, & 5 Steel - Accessories

### Cable Tray Clamp

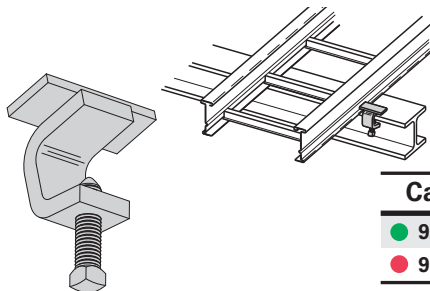
- Hold-down clamps for single or double cable tray runs.
- No drilling of support I-beam or channel is required.
- Sold in pieces - two clamps are required per tray.
- Maximum beam flange thickness  $1\frac{1}{8}"$  (28.58 mm).



| Catalog No.  | Finish |
|--------------|--------|
| ● 9ZN-1249HD | Znplt  |
| ● 9G-1249HD  | HDGAF  |

### Cable Tray Guide

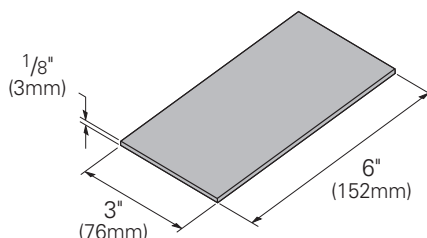
- Expansion guide for single or double cable tray runs.
- Guide allows for longitudinal movement of the cable tray.
- No field drilling of support I-beam or channel is required.
- Guides are required on both sides of cable tray to prevent lateral movement - can be placed on either the inside or outside flange of cable tray.
- Guides are sold in pieces - two guides are required per tray.
- Maximum flange thickness  $1\frac{1}{8}"$  (28.58 mm).



| Catalog No. | Finish |
|-------------|--------|
| ● 9ZN-1249  | Znplt  |
| ● 9G-1249   | HDGAF  |

### Nylon Pad

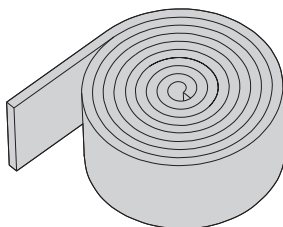
- Use for friction reduction.
- Hardness: Shore D80.
- Low friction coefficient.
- UV resistant.
- Excellent weatherability.
- UL - 94HB.



| Catalog No. |
|-------------|
| ● 99-PE36   |

### Neoprene Roll

- Use for material isolation.
- $\frac{1}{8}" \times 2" \times 25'$  roll.
- Hardness: Shore A60.
- Good weatherability.



| Catalog No. |
|-------------|
| ● 99-NP300  |

### DURA-BLOK™ Rooftop Support Bases with B22 Channel

- Designed as a superior rooftop support for cable tray.
- UV resistant and approved for most roofing material or other flat surfaces.
- Can be used with any of B-Line series cable tray clamps and guides.
- Ultimate Load Capacity: 1,000 lbs. (uniform load)



| Catalog No. | Height x Width x Length<br>in. (mm)                    |
|-------------|--|
| ● DB10-28   | $5\frac{5}{8} \times 6 \times 28.0$ (143 x 152 x 711)  |
| ● DB10-36   | $5\frac{5}{8} \times 6 \times 36.0$ (143 x 152 x 914)  |
| ● DB10-42   | $5\frac{5}{8} \times 6 \times 42.0$ (143 x 152 x 1067) |
| ● DB10-50   | $5\frac{5}{8} \times 6 \times 50.0$ (143 x 152 x 1270) |
| ● DB10-60   | $5\frac{5}{8} \times 6 \times 60.0$ (143 x 152 x 1524) |



LEEDS credit available, base made from 100% recycled material.

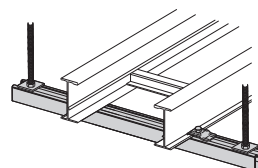
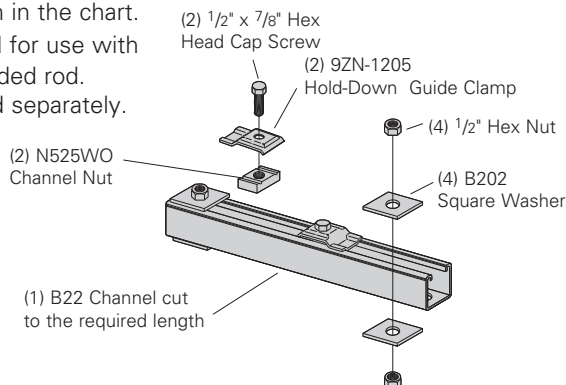
General Note: Consult roofing manufacturer or engineer for roof load capacity. The weakest point may be the insulation board beneath the rubber membrane.

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

## Trapeze Support Kit

- Eaton's B-Line series trapeze kits provide the components required for a single trapeze support in one package. These kits are available in pre-galvanized steel with zinc-plated hardware, hot dip galvanized steel with 316 stainless steel hardware, or DURA GREEN™ painted steel with zinc-plated hardware.
- The SH channel provides the convenience of pre-punched slots, which eliminate the need for field drilling.
- The illustrated hardware is sealed in a plastic bag and boxed with the channel, which is pre-cut to the appropriate length as shown in the chart.
- Designed for use with 1/2" threaded rod. Order rod separately.

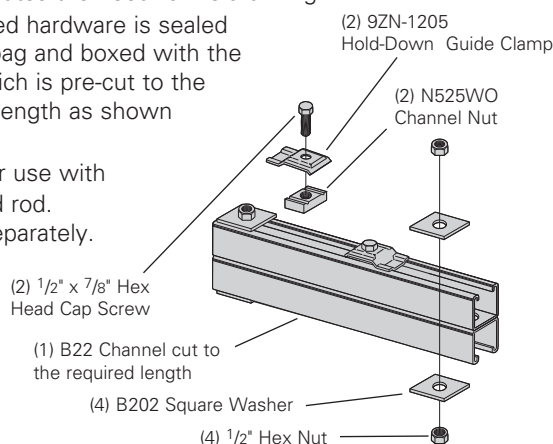


| Catalog No.         | Tray Width<br>in. mm | Channel Length<br>in. mm | Uniform Load<br>lbs kN |
|---------------------|----------------------|--------------------------|------------------------|
| ● 9(*)-5506-22SH(†) | 6 (152)              | 16 (406)                 | 1350 (6.00)            |
| ● 9(*)-5509-22SH(†) | 9 (229)              | 18 (457)                 | 1250 (5.56)            |
| ● 9(*)-5512-22SH(†) | 12 (305)             | 22 (559)                 | 1125 (5.00)            |
| ● 9(*)-5518-22SH(†) | 18 (457)             | 28 (711)                 | 865 (3.85)             |
| ● 9(*)-5524-22SH(†) | 24 (610)             | 34 (864)                 | 700 (3.11)             |
| ● 9(*)-5530-22SH(†) | 30 (762)             | 40 (1016)                | 590 (2.62)             |
| ● 9(*)-5536-22SH(†) | 36 (914)             | 46 (1168)                | 510 (2.27)             |
| ● 9(*)-5542-22SH(†) | 42 (1067)            | 52 (1321)                | 450 (2.00)             |

- (\*) Insert **P** **G** or **GRN**
- (†) Insert 3/8 for 3/8" threaded rod hardware. Safety factor of 3.0 on all loads.

## Heavy Duty Trapeze Support Kit

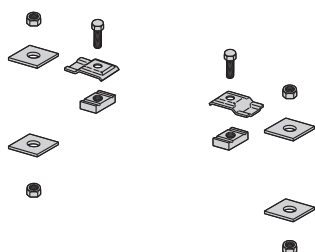
- Eaton's B-Line series trapeze kits provide the components required for a single trapeze support in one package. These kits are available in pre-galvanized steel with zinc-plated hardware, hot dip galvanized steel with 316 stainless steel hardware, or DURA GREEN™ painted steel with zinc-plated hardware.
- The SH channel provides the convenience of pre-punched slots, which eliminates the need for field drilling.
- The illustrated hardware is sealed in a plastic bag and boxed with the channel, which is pre-cut to the appropriate length as shown in the chart.
- Designed for use with 1/2" threaded rod. Order rod separately.



| Catalog No.       | Tray Width<br>in. mm | Channel Length<br>in. mm | Uniform Load<br>lbs kN |
|-------------------|----------------------|--------------------------|------------------------|
| ● 9(*)-5506-22SHA | 6 (152)              | 16 (406)                 | 1350 (6.00)            |
| ● 9(*)-5509-22SHA | 9 (229)              | 18 (457)                 | 1350 (6.00)            |
| ● 9(*)-5512-22SHA | 12 (305)             | 22 (559)                 | 1350 (6.00)            |
| ● 9(*)-5518-22SHA | 18 (457)             | 28 (711)                 | 1350 (6.00)            |
| ● 9(*)-5524-22SHA | 24 (610)             | 34 (864)                 | 1350 (6.00)            |
| ● 9(*)-5530-22SHA | 30 (762)             | 40 (1016)                | 1350 (6.00)            |
| ● 9(*)-5536-22SHA | 36 (914)             | 46 (1168)                | 1350 (6.00)            |
| ● 9(*)-5542-22SHA | 42 (1067)            | 52 (1321)                | 1350 (6.00)            |

- (\*) Insert **P** **G** or **GRN**
- Safety factor of 3.0 on all loads.

## Trapeze Hardware Kit



| Catalog No.    | ● 9ZN-5500-1/2  | ● 9G-5500-1/2   |
|----------------|---|---|
| In plastic bag | 1 pr. 9ZN-1205<br>2 HHC Screw 1/2 x 7/8 ZN<br>2 N525 WO ZN<br>4 B202 ZN 1/2" sq washer<br>4 HN 1/2 ZN | 1 pr. 9G-1205<br>2 HHC Screw 1/2 x 7/8 SS6<br>2 N525 WO SS6<br>4 B202 HDG 1/2" sq washer<br>4 HN 1/2" SS6 |

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

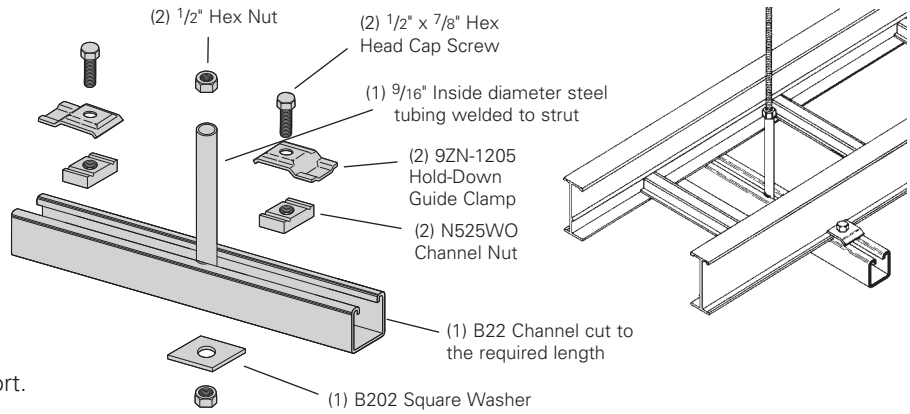
All dimensions in parentheses are millimeters unless otherwise specified.



# Series 2, 3, 4, & 5 Steel - Accessories

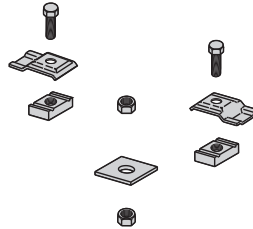
## Center Hung Tray Support

- Center Hung Cable Tray Support allows cable to be laid-in from both sides.
- Eliminates costly cable pulling and field cutting of cable tray supports. Labor costs are dramatically reduced.
- Required hardware and threaded rod material for trapeze assemblies are reduced by up to 50%.
- Designed for use with 1/2" threaded rod. (Order rod separately)
- Use with all aluminum and steel cable trays through 24" width.
- Load capacity is 700 lbs. (311kN) per support. Safety factor of 3.0. Eccentric loading is not to exceed a 60% vs. 40% load differential.
- The maximum recommended unsupported span length is 144"/12 ft. (3.66 m).
- Hardware shown is furnished.
- Finish available: Zinc Plated



| Catalog No. | Tray Width<br>in. (mm)      | Channel Length<br>in. (mm) |
|-------------|-----------------------------|----------------------------|
| ● 9ZN-5212  | 6", 9", 12" (152, 228, 305) | 18" (457)                  |
| ● 9ZN-5224  | 18", 24" (457, 609)         | 30" (762)                  |

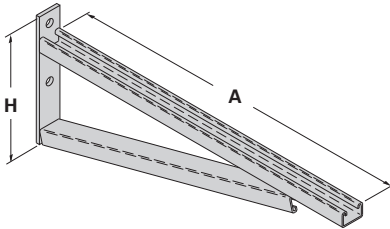
## Center Hung Support Hardware Kit



| Catalog No.    | ● 9ZN-5200  |
|----------------|---|
| In plastic bag | 1 pr. 9ZN-1205<br>2 HHC Screw 1/2 x 7/8 ZN<br>2 N525 WO ZN<br>1 B202 ZN 1/2" sq washer<br>4 HN 1/2 ZN |

## Bracket (12" - 48")

- (\*) Insert available finish: **ZN** **GRN** or **HDG**
- Safety Load Factor 2.5



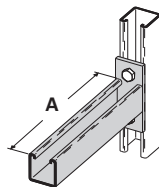
Bottom brace is B42 channel on B494-24 and smaller and B22 channel on B494-30 and larger

| Catalog No. | Uniform Load<br>lbs (kN) | Tray Width<br>in. (mm) | 'A'<br>in. (mm) | 'H'<br>in. (mm) |
|-------------|--------------------------|------------------------|-----------------|-----------------|
| ● B494-12   | 2500 (11.12)             | 6 & 9 (152 & 229)      | 12 (305)        | 8 3/4 (222)     |
| ● B494-18   | 1700 (7.56)              | 12 (305)               | 18 (457)        | 8 3/4 (222)     |
| ● B494-24   | 1300 (5.78)              | 18 (457)               | 24 (610)        | 8 3/4 (222)     |
| B494-30     | 1600 (7.11)              | 24 (610)               | 30 (762)        | 11 1/4 (286)    |
| B494-36     | 1100 (4.89)              | 30 (762)               | 36 (914)        | 11 1/4 (286)    |
| B494-42     | 980 (4.36)               | 36 (914)               | 42 (1067)       | 16 (406)        |
| B494-48     | 980 (4.36)               | 42 (1067)              | 48 (1219)       | 16 (406)        |

For more dimensional data see Strut Systems catalog

## Cantilever Bracket

- (\*) Insert available finish: **ZN** **GRN** or **HDG**
- Safety Load Factor 2.5



| Catalog No. | Uniform Load<br>lbs kN | Tray Width<br>in. mm | 'A'<br>in. mm |
|-------------|------------------------|----------------------|---------------|
| B409-12     | 960 (4.27)             | 6 & 9 (152 & 229)    | 12 (305)      |
| B409-18     | 640 (2.84)             | 12 (305)             | 18 (457)      |
| B409-24     | 480 (2.13)             | 18 (457)             | 24 (610)      |

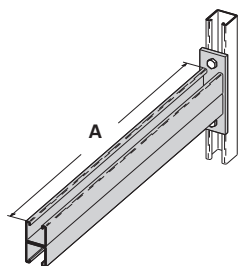
● Green = Fastest shipped items ● Black = Normal lead-time items ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.



## Cantilever Bracket

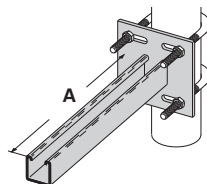
- (\*) Insert available finish: **ZN** **GRN** or **HDG**
- Safety Load Factor 2.5



| Catalog No.    | Uniform Load |        | Tray Width |             | 'A' |        |
|----------------|--------------|--------|------------|-------------|-----|--------|
|                | lbs          | kN     | in.        | mm          | in. | mm     |
| <b>B297-12</b> | 1660         | (7.38) | 6 & 9      | (152 & 229) | 12  | (305)  |
| <b>B297-18</b> | 1100         | (4.89) | 12         | (305)       | 18  | (457)  |
| <b>B297-24</b> | 835          | (3.71) | 18         | (457)       | 24  | (610)  |
| <b>B297-30</b> | 665          | (2.93) | 24         | (610)       | 30  | (762)  |
| <b>B297-36</b> | 550          | (2.44) | 30         | (762)       | 36  | (914)  |
| <b>B297-42</b> | 465          | (2.06) | 36         | (914)       | 42  | (1067) |

## Underfloor Support (U-Bolts not included)

- Finishes available: **ZN**
- Safety Load Factor 2.5

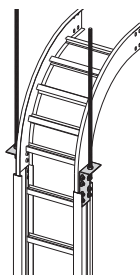
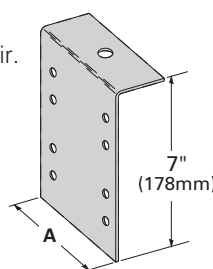


| U-Bolt Size | Fits Pipe O.D. |
|-------------|----------------|
| B501-3/4    | .841 - 1.050   |
| B501-1      | 1.051 - 1.315  |
| B501-1 1/4  | 1.316 - 1.660  |
| B501-1 1/2  | 1.661 - 1.900  |
| B501-2      | 1.901 - 2.375  |
| B501-2 1/2  | 2.376 - 2.875  |

| Catalog No.      | Uniform Load |        | Tray Width |             | 'A' |       |
|------------------|--------------|--------|------------|-------------|-----|-------|
|                  | lbs          | (kN)   | in.        | (mm)        | in. | (mm)  |
| <b>B409UF-12</b> | 800          | (3.56) | 6 & 9      | (152 & 229) | 12  | (305) |
| <b>B409UF-21</b> | 450          | (2.00) | 12 & 18    | (305 & 457) | 21  | (533) |

## Vertical Hanger Splice Plates

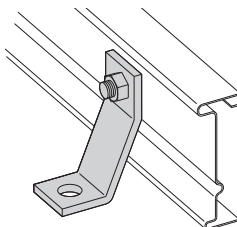
- Design load is 1500 lbs (6.67kN) per pair.
- Safety Factor of 2.5
- Furnished in pairs.
- Hole size: 9/16" (14mm) for 1/2" threaded rod.
- (\*) Insert **ZN** or **G**



| Catalog No.        | Outside Cable Tray Ht. | 'A'  |          |
|--------------------|------------------------|------|----------|
|                    |                        | in.  | (mm)     |
| ● <b>9(*)-8224</b> | 4"                     | 3.84 | (97.54)  |
| ● <b>9(*)-8225</b> | 5"                     | 4.73 | (120.14) |
| ● <b>9(*)-8226</b> | 6"                     | 5.84 | (148.34) |
| ● <b>9(*)-8227</b> | 7"                     | 6.84 | (173.74) |

## Heavy Duty Hold Down Bracket

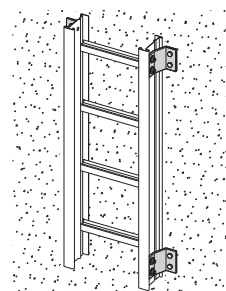
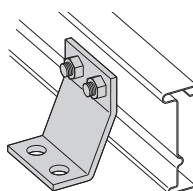
- Design load is 2000 lbs (8.89kN) per pair.
- Two bolt design.
- Sold in pairs.
- 3/8" cable tray attachment hardware provided.
- 1/2" support attachment hardware **not** provided.
- (\*) Insert **ZN** or **G**
- Recommended for support of vertical trays.



| Catalog No.      |
|------------------|
| <b>9(*)-1241</b> |

## Heavy Duty Hold Down Bracket

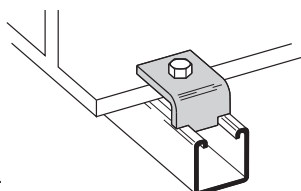
- Design load is 4000 lbs (17.79kN) per pair.
- Four bolt design.
- Sold in pairs.
- 3/8" cable tray attachment hardware provided
- 1/2" support attachment hardware **not** provided.
- (\*) Insert **ZN** or **G**
- Recommended for support of vertical trays.



| Catalog No.      |
|------------------|
| <b>9(*)-1242</b> |

## Beam Clamp

- Finishes available: **ZN** **GRN** **HDG** or **SS4**
- Sold in pieces.
- Design load is 1200 lbs (5.34kN) per pair.
- Safety Load Factor 5.0.
- Order HHCS and Channel Nuts separately.



| Catalog No. |
|-------------|
| <b>B355</b> |

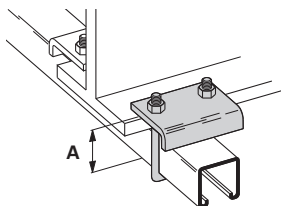
● Green = Fastest shipped items ● Black = Normal lead-time items ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.

# Series 2, 3, 4, & 5 Steel - Accessories

## Beam Clamp

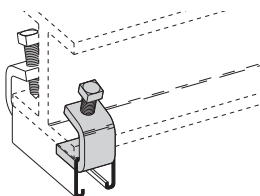
- Finishes available: **ZN** or **HDG**
- Sold in pieces.
- \*Design load when used in pairs.  
Safety Load Factor 5.0



| Catalog No.     | Design Load<br>lbs (kN) | 'A'<br>in. (mm)                    |
|-----------------|-------------------------|------------------------------------|
| <b>B441-22</b>  | 1200 (5.34)             | 3 <sup>3</sup> / <sub>8</sub> (86) |
| <b>B441-22A</b> | 1200 (5.34)             | 5 (127)                            |

## Beam Clamp

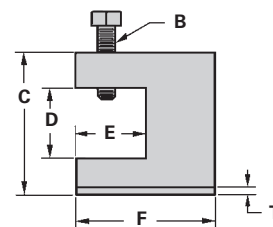
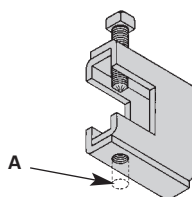
- Finishes available: **ZN** **GRN** or **HDG**
- Sold in pieces.
- \*Design load when used in pairs.  
Safety Load Factor 5.0



| Catalog No.              | B212-1/4          | B212-3/8            |
|--------------------------|-------------------|---------------------|
| <b>Design Load *</b>     | 600 lbs. (2.67kN) | 1000 lbs. (4.45 kN) |
| <b>Max. Flange Thick</b> | 3/4" (19 mm)      | 1 1/8" (28.6 mm)    |
| <b>Mat'l. Thickness</b>  | 1/4" (6.3 mm)     | 3/8" (9.5 mm)       |

## B305 Thru B308 & B321 Series Beam Clamps

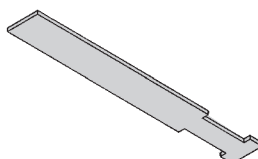
- Finishes available: **ZN** or **HDG**
- Setscrew included.
- Safety Load Factor 5.0



| Catalog No.   | Rod Size A | B       | C<br>in. (mm)                         | D<br>in. (mm)  | E<br>in. (mm)                        | F<br>in. (mm) | T<br>in. (mm) | Design Load<br>lbs (kN) |
|---------------|------------|---------|---------------------------------------|----------------|--------------------------------------|---------------|---------------|-------------------------|
| <b>B305</b>   | 3/8"-16    | 3/8"-16 | 2 <sup>5</sup> / <sub>16</sub> (58.7) | 7/8 (22.2)     | 1 1/8 (28.6)                         | 2 1/2 (63.5)  | 11 Ga. (3.0)  | 600 (2.67)              |
| <b>B306</b>   | 3/8"-16    | 1/2"-13 | 2 <sup>7</sup> / <sub>16</sub> (61.9) | 7/8 (22.2)     | 1 1/8 (28.6)                         | 2 1/2 (63.5)  | 7 Ga. (4.5)   | 1100 (4.90)             |
| <b>B307</b>   | 1/2"-13    | 1/2"-13 | 2 <sup>7</sup> / <sub>16</sub> (61.9) | 7/8 (22.2)     | 1 1/8 (28.6)                         | 2 1/2 (63.5)  | 7 Ga. (4.5)   | 1100 (4.90)             |
| <b>B308</b>   | 1/2"-13    | 1/2"-13 | 2 <sup>9</sup> / <sub>16</sub> (65.1) | 7/8 (22.2)     | 1 1/8 (28.6)                         | 2 1/2 (63.5)  | 1/4 (6.3)     | 1500 (6.68)             |
| <b>B321-1</b> | 3/8"-16    | 1/2"-13 | 3 <sup>9</sup> / <sub>16</sub> (90.5) | 1 11/16 (42.9) | 1 <sup>5</sup> / <sub>8</sub> (41.3) | 3 1/4 (82.5)  | 1/4 (6.3)     | 1300 (5.79)             |
| <b>B321-2</b> | 1/2"-13    | 1/2"-13 | 3 <sup>9</sup> / <sub>16</sub> (90.5) | 1 11/16 (42.9) | 1 <sup>5</sup> / <sub>8</sub> (41.3) | 3 1/4 (82.5)  | 1/4 (6.3)     | 1400 (6.23)             |

## Anchor Strap - for B305 thru B308 & B321 Series

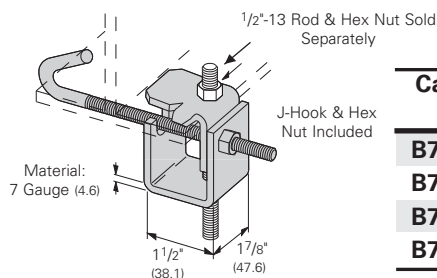
- Finish available: **ZN**
- For a maximum beam thickness of 3/4" (19mm).
- For thicker beams, step up one flange width size.



| Catalog No.    | Flange Width<br>in. (mm) |
|----------------|--------------------------|
| <b>B312-6</b>  | Up to 6 (Up to 152)      |
| <b>B312-9</b>  | 6 - 9 (152 to 228)       |
| <b>B312-12</b> | 9 - 12 (228 to 305)      |

## Beam Clamp

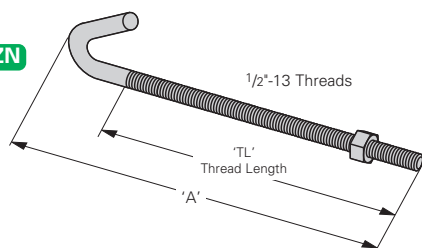
- Finish available: **ZN**
- Design Load 500 lbs. (2.22 kN)
- Safety Load Factor 5.0
- Recommended torque:  
'J'-Hook Nut 125 In.-Lbs. (14.1 kN/m)
- Maximum flange thickness  
of 3/4" (19mm).



| Catalog No.     | For Flange Width<br>in. (mm) | Wt./C<br>lbs (kg) |
|-----------------|------------------------------|-------------------|
| <b>B750-J4</b>  | 3 - 6 (76.2 - 152.4)         | 109 (49.4)        |
| <b>B750-J6</b>  | 5 - 9 (127.0 - 228.6)        | 124 (56.2)        |
| <b>B750-J9</b>  | 8 - 12 (203.2 - 304.8)       | 135 (61.2)        |
| <b>B750-J12</b> | 11 - 15 (279.4 - 381.0)      | 147 (66.7)        |

## 'J'-Hook

- Finishes available: **ZN**
- Hex Nut included.



| Catalog No.     | 'A'<br>in. (mm) | 'TL'<br>in. (mm) | Wt./C<br>lbs (kg) |
|-----------------|-----------------|------------------|-------------------|
| <b>B700-J4</b>  | 8 1/2 (215.9)   | 5 (127.0)        | 44 (19.9)         |
| <b>B700-J6</b>  | 11 1/2 (292.1)  | 6 (152.4)        | 53 (24.0)         |
| <b>B700-J9</b>  | 12 1/4 (368.3)  | 6 (152.4)        | 63 (28.6)         |
| <b>B700-J12</b> | 17 1/2 (444.5)  | 6 (152.4)        | 78 (35.4)         |

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

All dimensions in parentheses are millimeters unless otherwise specified.