

# B-LINE SERIES

Fasteners BLF-18

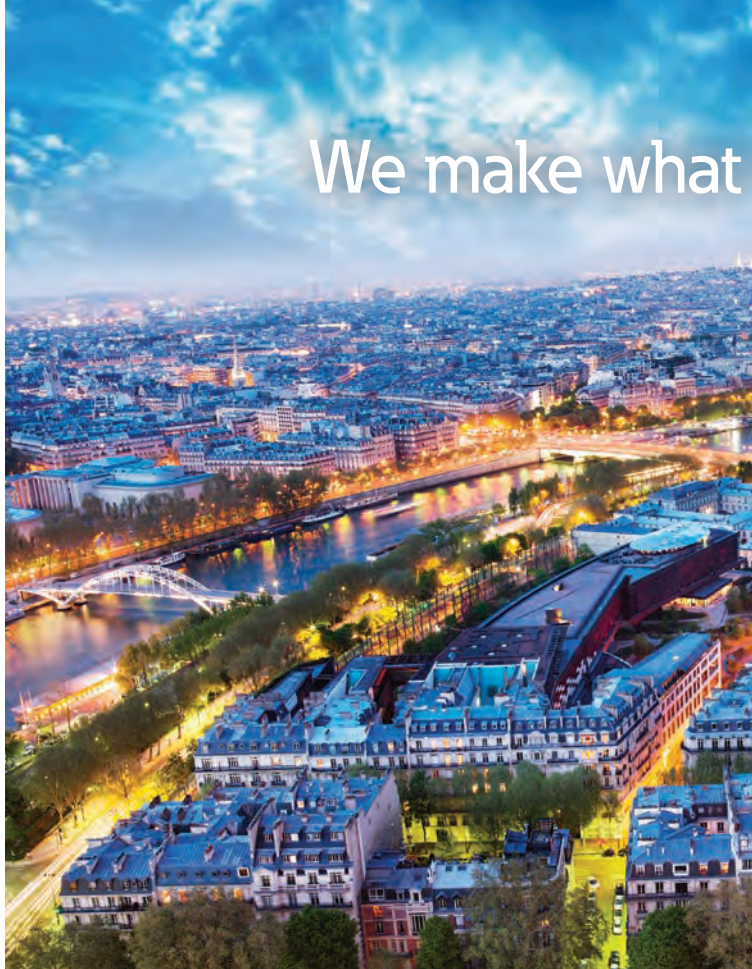
Spring steel  
fasteners



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*Powering Business Worldwide*

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matters work.\*



At Eaton, we believe that power is a fundamental part of just about everything people do. That's why we're dedicated to helping our customers find new ways to manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. To improve people's lives, the communities where we live and work, and the planet our future generations depend upon. Because this is what really matters. And we're here to make sure it works.

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Within this Spring Steel Fastener catalog, you will find several innovative, time-saving solutions that help drive your bottom line.

- BB2T Series telescoping box mounting bracket with increased rigidity, new box mounting depths and accessories. For more information, visit [Eaton.com/BB2](http://Eaton.com/BB2).
- J-Hook color ID system that help verify cables are running in their correct, designated pathways. For more information, visit [Eaton.com/color-id](http://Eaton.com/color-id).
- BB8 Series box mounting bracket with integrated cable containment for lower installed costs. For more information, visit [Eaton.com/BB816](http://Eaton.com/BB816).
- Rapid Ring™ self-adjusting pre-fab ring that installs in as little as 15 seconds. For more information, visit [Eaton.com/rapidring](http://Eaton.com/rapidring).
- KwikWire™ hanging system and accessories that help save time during installation. For more information, visit [Eaton.com/kwikwire](http://Eaton.com/kwikwire).

For NEC, TIA, EIA requirements go to <https://catalog.nfpa.org/NEC-Online-C3776.aspx>















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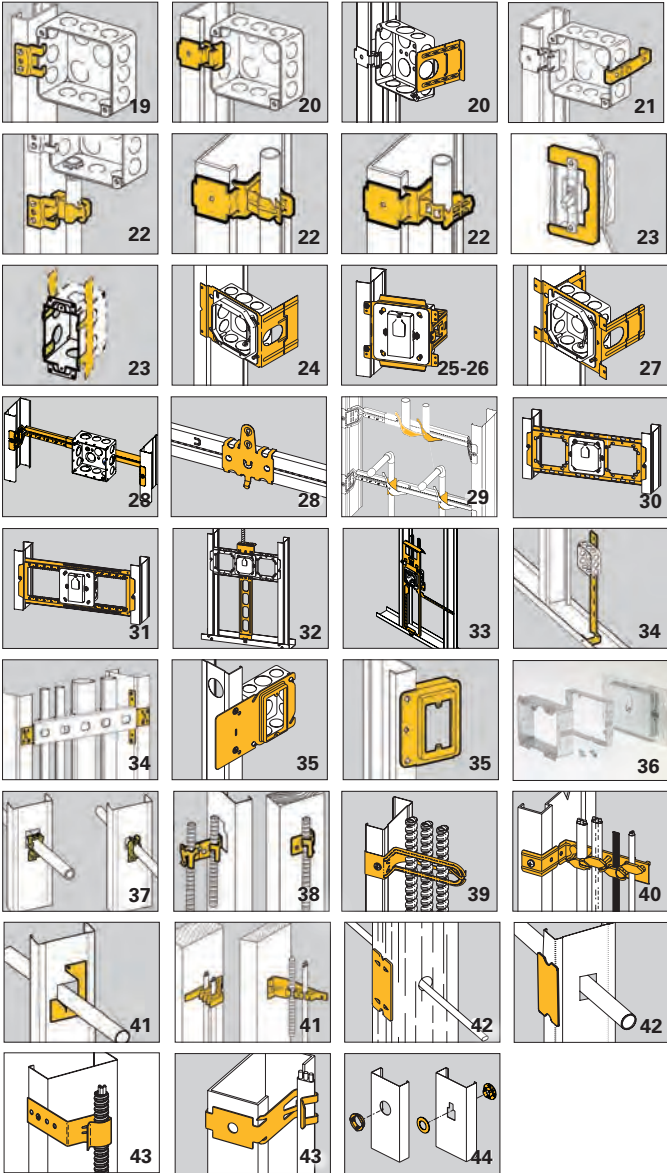


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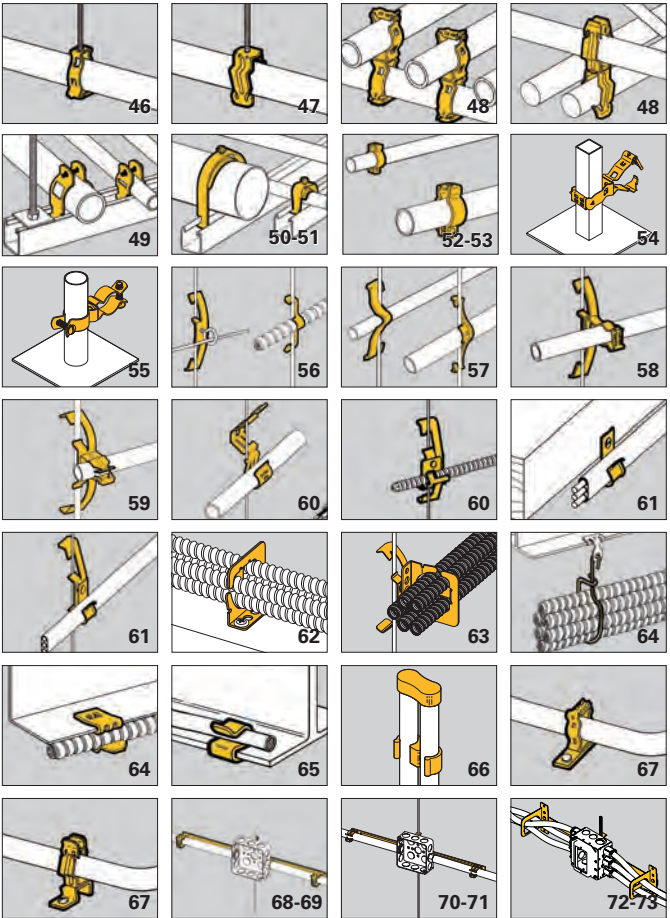
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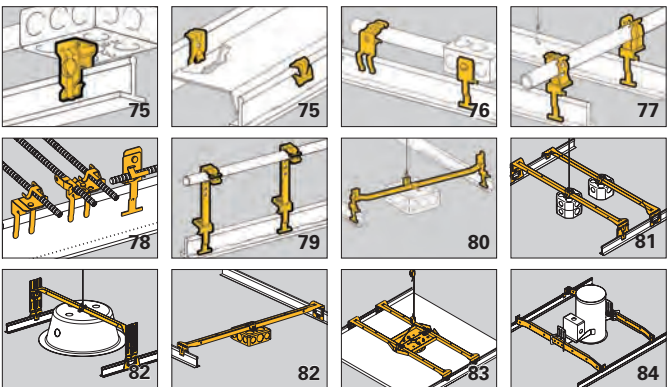
## Wall Studs



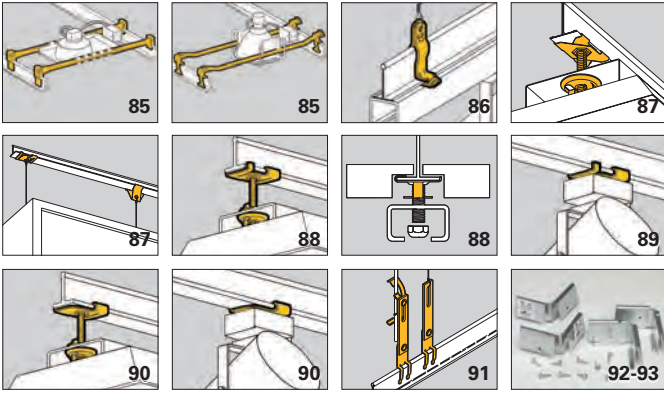
## Conduit & Cable



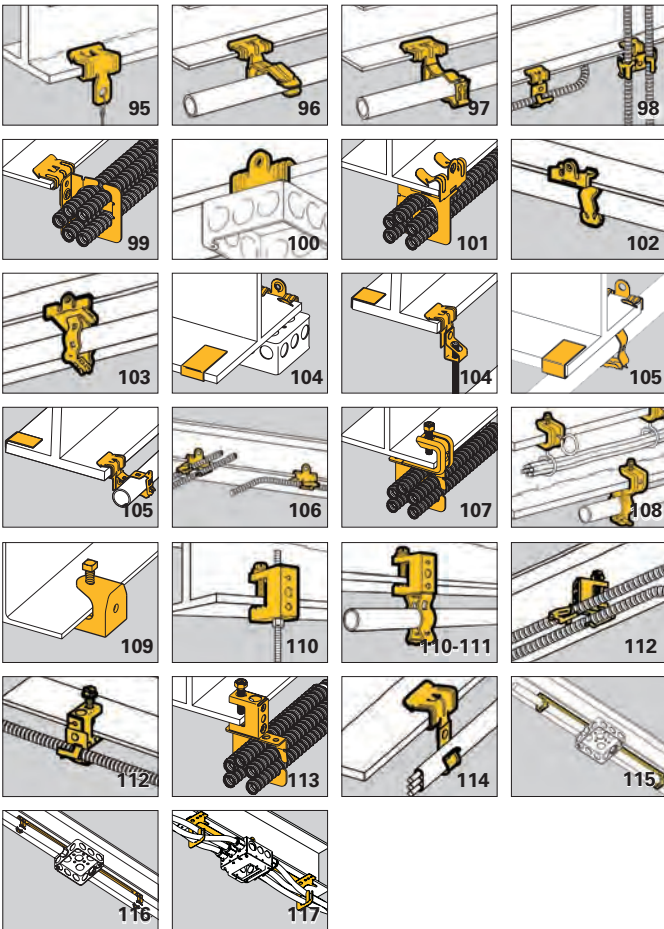
## Acoustical Tee



## Acoustical Tee

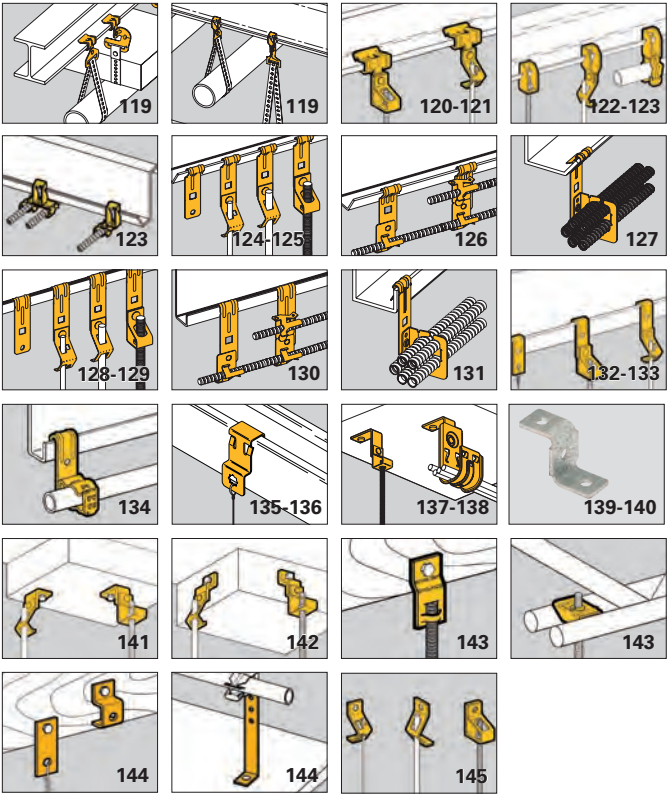


## Beams

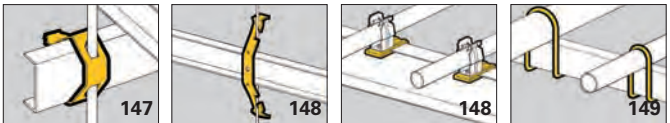




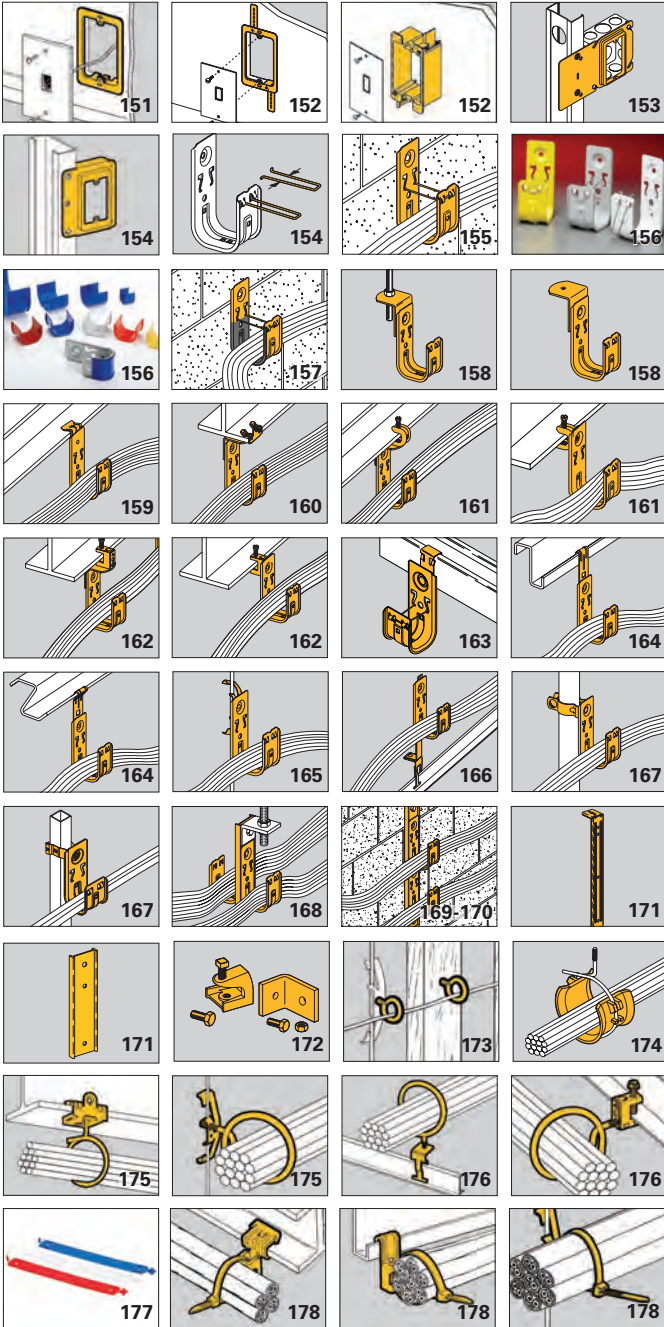
## Hangers



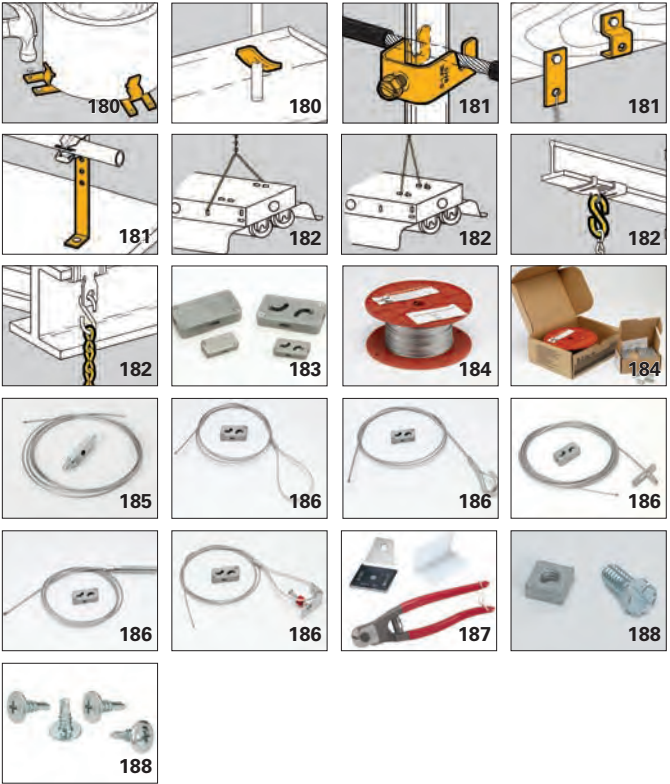
## Lathers Channel



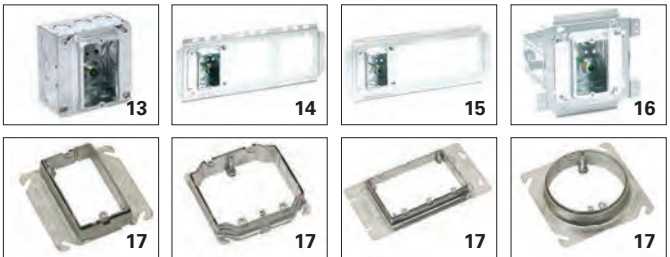
## Communication & Low Voltage



## Accessories



## Ruff-IN Pre-Fab



## Anchors





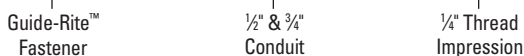
This part numbering guide can be used to quickly translate our part numbers into meaningful data.

## BG - 8-12 - 4T

| Family                           | Size          | Suffix                 |
|----------------------------------|---------------|------------------------|
| A Series - Anchors               | Based on 16th | AS - Anchor Strap      |
| * B Series - Pipe Strap          | of an inch    | BL - Equipment Blue    |
| BA - Acoustical Tee Component    | 1 - 1/16"     | BN - Brass Nut         |
| BB - Box Attachment              | 2 - 1/8"      | BR - Brown             |
| BC - Beam Clamp                  | 4 - 1/4"      | BW - Bright White      |
| * BCH - Cable Hook               | 5 - 5/16"     | CW - Computer White    |
| * BCS/BES - Conduit Spacer       | 6 - 3/8"      | D - Deep Box           |
| BD - Deck Attachment             | 8 - 1/2"      | FB - Flat Black        |
| * BE - Edge Attachment           | 9 - 9/16"     | GR - Green             |
| BF - Flange Attachment           | 12 - 3/4"     | H - Hanger             |
| * BG - Guide-Rite™ Fastener      | 16 - 1"       | LH - Less Hardware     |
| BH - Hanger Attachment           | 20 - 1 1/4"   | LN - Less Nut          |
| BK - KwikWire™ System            | 24 - 1 1/2"   | LS - Less Stud         |
| BL - Conduit Hangers (mini's)    | 32 - 2"       | OR - Orange            |
| BM - Miscellaneous               | 64 - 4"       | R - Right Angle        |
| BN - Push Nuts                   |               | RR - Regal Red         |
| * BP - Push Type Fasteners       |               | S - Stud               |
| * BPC - Break Apart Straps       |               | T - Threaded           |
| * BR - Bridle Rings              |               | TG - Telco Gray        |
| BRC - Cable Fastener             |               | W - White              |
| * BRS - Bridle Ring Saddle       |               | WBN - White /Brass Nut |
| BT - Installation Tools          |               | WN - Wing Nut          |
| * BU - Universal Beam Attachment |               | YL - Safety Yellow     |
| BW - Bat Wing Fastener           |               | 4T - 1/4" Thread Imp.  |
| BX - FMC Support                 |               |                        |

\* The data in the size column only applies to these product families.

## BG - 8-12 - 4T



# Materials

| Steel                    | Specification        |
|--------------------------|----------------------|
| High Carbon Cold Rolled  | ASTM A684, AISI 1055 |
| Electrolytic Zinc Coated | ASTM A591            |
| Pre-Galvanized           | ASTM A653            |

## Steel

B-Line series spring steel fasteners are manufactured from spheroidized annealed high carbon cold rolled steel (ASTM A684, AISI 1055). Mild steel fasteners are manufactured from electrolytic zinc coated steel (ASTM A591) or pre-galvanized steel (ASTM A563).

Electrolytic zinc coated and pre-galvanized steel is produced by coating coils of sheet steel with zinc at the mills. These coils are then slit to size and fabricated into B-Line series products.

## Heat Treatment

B-Line series spring steel fasteners are heat treated to make the steel hard and give the parts their spring quality and strength. The hardness for a given fastener depends on the required load carrying capacity and the application.

## Load Data

The design load ratings for B-Line series fasteners are specified in this catalog as static load capacity or ultimate static load capacity. By definition, the listed static load capacity has a safety factor of three (3.0), the listed ultimate static load capacity has no safety factor. In either case, these stated loads are not to be exceeded, and loads should be applied only as depicted in the catalog and/or instruction sheets. The load capacity of a fastener having more than one component is equal to the load capacity of the lowest rated component.

Fasteners having no load ratings are designed for proper placement of boxes, conduit, etc., and not for supporting loads.

B-Line series fasteners are designed for use with support members (e.g.: angle iron, bar joists, beams, columns, flanges, purlins, wire, rod) that comply with the applicable AISI standards and threaded rod that complies with the applicable AISI standards.

## Quality Assurance

We have an established Q.C. program in which raw material and finished products are sampled, inspected and tested by certified inspectors to assure that all applicable standards are met. Our fasteners are manufactured in controlled lots and each part is identified by a lot number stamped into the part. This number allows us to track each step of the manufacturing process including raw material, die set-up, heat treating, and finishing. Samples are tested to verify correct hardness, corrosion resistance and load carrying capacity.

| Finish                  | Specification      |
|-------------------------|--------------------|
| Zinc-Phosphate          | MIL-P-16232 Type Z |
| Electro-galvanized Zinc | ASTM B633          |
| Pre-Galvanized Zinc     | ASTM A653, G90     |
| Gloss White Paint       | Acrylic Enamel     |

## Zinc Phosphate

B-Line series spring steel fasteners receive a coating\* of sealant impregnated zinc phosphate. This type of coating was commercially developed by industry to inhibit oxidation of ferrous metals for up to 72 hours in a specified salt fog atmosphere. As applied to its fasteners, B-Line series rates this coating for 30 hours when salt fog tested per ASTM B-117.

Although rust resistant, B-Line series fasteners should be used only indoors and in non-corrosive environments.

Unless otherwise noted, the standard finish for our spring steel fasteners is Zinc Phosphate.

\*At least 1000 milligrams of zinc phosphate per square foot.

## Paint

Some standard fasteners have a gloss white acrylic enamel applied over the zinc phosphate finish for an enhanced appearance that compliments white ceiling grids.

## Electro-Galvanized Zinc

Electro-galvanized zinc (also known as zinc plated or electroplated) is the process by which a coating of zinc is deposited on the steel by electrolysis from a bath of zinc salts.

The coating is pure zinc and is mechanically bonded to the steel. A maximum of .5 mils of zinc can be applied by this method.

When exposed to air and moisture, zinc forms a tough, adherent, protective film consisting of a mixture of zinc oxides, hydroxides, and carbonates. This film is in itself a barrier coating which slows subsequent corrosive attack of the zinc.

This coating is usually recommended for indoor use in relatively dry areas.

## Pre-Galvanized Zinc

Pre-Galvanized steel is produced by coating coils of sheet steel with zinc by continuously rolling the material through molten zinc at the mills. This is also known as mill galvanized or hot-dip mill galvanized. These coils are then slit to size and fabricated into B-Line series products.

The G60 specification calls for a coating of .90 ounces of zinc per square foot on each side of the sheet.

During fabrication, cut edges and welded areas are not normally zinc coated; however, the zinc near the uncoated metal becomes a sacrificial anode to protect the bare areas after a short period of time.

Pre-Galvanized steel is recommended for indoor use in dry areas.

**⚠ CAUTION** *Do not use Eaton B-Line series fasteners outdoors or in corrosive environments. Proper application of each fastener is shown in this catalog and on the installation sheet inside each carton. Failure due to improper installation may cause harm to personnel and/or property. Allowable loads shown apply to the fastener only and do not account for the structure, which supports the fastener. Flanges, wires and rods used with these fasteners must meet A.I.S.I. standards. To improve personal safety on the jobsite, always observe all federal and local safety regulations: wear gloves, safety glasses and a hard hat.*

# Ruff-IN Pre-Fab

Ruff-IN™ product offering continues to expand with product and assembly options. For the latest additions, visit: [Eaton.com/ruff-in](http://Eaton.com/ruff-in)

## BB2TSC Series

- Box assembly comes with box mounting clip attached
- BB2TSC boxes can be field mounted, in the proper location, to telescoping brackets by snapping the box mounting clip (on the back of the box assembly) over the installed bracket
- Telescoping brackets can be purchased separately

**BB2TSC-1104DA**



**BB2TSC-2104DA**



**BB2TSC-1204DA**



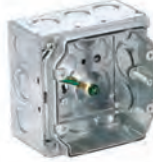
**BB2TSC-2204DA**



**BB2TSC-1AJ4DA**



**BB2TSC-2AJ4DA**



**BB2TSC-1RR4DA**



**BB2TSC-2RR5DA**





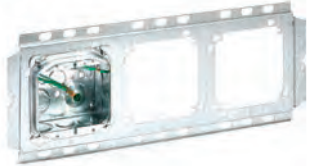
## BB2TSC Series

- Increased strength and rigidity help withstand the stress of drywall installation
- Assemblies shipped with box installed on left side of bracket, as shown below, unless otherwise specified

**BB816-104DA-1-X-X**



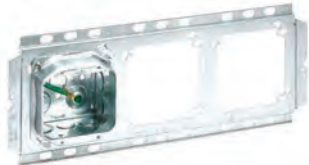
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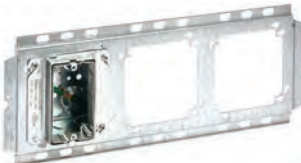
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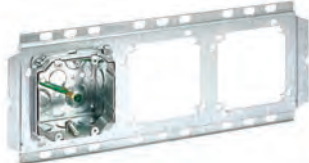
**BB816-204DA-2-X-X**



**BB816-AJ4DA-1-X-X**



**BB816-AJ4DA-2-X-X**



**BB816-RR4DA-1-X-X**



**BB816-RR5DA-2-X-X**



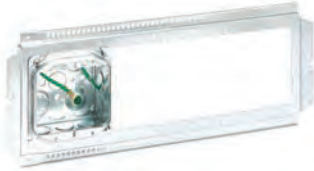
## BB716 Series

- Increased strength and rigidity help withstand the stress of drywall installation
- Assemblies shipped with box installed on left side of bracket, as shown below, unless otherwise specified.
- Assemblies include BB7AP alignment plate for easy adjustment of box location

**BB716-104DA-1-X-X**



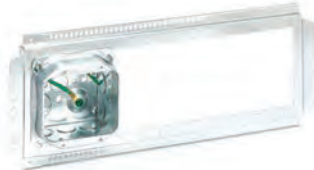
**BB716-104DA-2-X-X**



**BB716-204DA-1-X-X**



**BB716-204DA-2-X-X**



**BB716-AJ4DA-1-X-X**



**BB716-AJ4DA-2-X-X**



**BB716-RR4DA-1-X-X**



**BB716-RR5DA-2-X-X**



## BB700 Series

- Interlocking wrap-around design provides extra rigidity
- Bracket pre-assembled at 3<sup>5</sup>/<sub>8</sub>", back tabs can be folded out for 4", purchase BB70E

as add on for 5<sup>1</sup>/<sub>2</sub>" and 6" stud spacing options

- Multiple brackets may be ganged together

**BB70-358-1104DA**



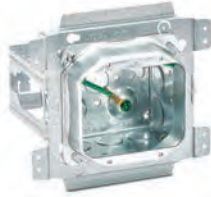
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**BB70-358-1204DA**



**BB70-358-2204DA**



**BB70-358-1AJ4DA**



**BB70-358-2AJ4DA**



**BB70-358-1RR4DA**



**BB70-358-2RR5DA**

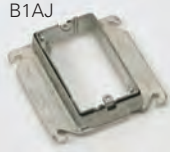


## Adjustable plaster rings

- Adjustable plaster ring can be used with 4" square, 2½" deep boxes and fits a range of drywall thicknesses
- Plaster ring can be adjusted after sheet rock, mud, or tile is installed without removing the wiring devices
- Helps reduce labor and requirements for multiple products of varying wall thicknesses



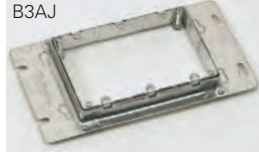
B1AJ



B2AJ



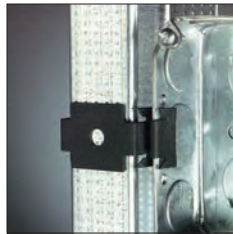
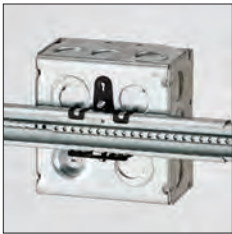
B3AJ



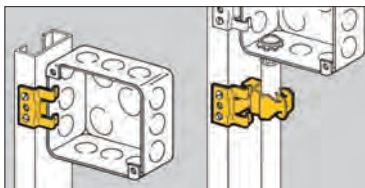
BRAJ



| UPC/Part Number | Catalog Number | Description                  | Depth      | Box Qty. |
|-----------------|----------------|------------------------------|------------|----------|
| 799038 75321    | <b>B1AJ-1</b>  | One Device Adjustable Ring   | 5/8" - 1¼" | 25       |
| 782051 49200    | <b>B1AJ-2</b>  | One Device Adjustable Ring   | ¾" - 1½"   | 25       |
| 782051 49201    | <b>B2AJ</b>    | Two Device Adjustable Ring   | 5/8" - 1½" | 25       |
| 782051 53426    | <b>B3AJ</b>    | Three Device Adjustable Ring | ¾" - 1½"   | 25       |
| 782051 53427    | <b>BRAJ</b>    | Round Device Adjustable Ring | ¾" - 1½"   | 25       |



# Wall studs



- Attaches with screws to metal studs.
- BB1 supports electrical box.
- BG series features Guide-Rite™ design.
- BP series features push-type design.

## Box To Stud Fastener



| UPC/Part Number | Catalog Number | Description                 | Box Qty. |
|-----------------|----------------|-----------------------------|----------|
| 78101118145     | <b>BB1</b>     | Electrical Box Support Clip | 100      |

Wall Studs

## Guide-Rite Conduit To Stud Fastener



| UPC/Part Number | Catalog Number    | Conduit Size EMT & Rigid | Box Qty. |
|-----------------|-------------------|--------------------------|----------|
| 78101118420     | <b>BG-6-B1 *</b>  | 3/8"                     | 100      |
| 781011 18475    | <b>BG-8-12-B1</b> | 1/2", 3/4"               | 100      |
| 781011 18555    | <b>BG-16-B1</b>   | 1"                       | 100      |

Patent #4958792

\* BG-6 will accept the following range  $\varnothing.420 - \varnothing.675$ :  
14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

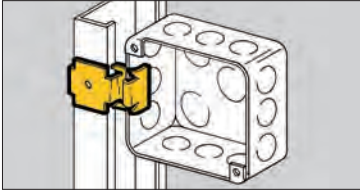
## Push Type Conduit To Stud Fastener



| UPC/Part Number | Catalog Number  | Conduit Size                 | Box Qty. |
|-----------------|-----------------|------------------------------|----------|
| 781011 19245    | <b>BP-8-B1</b>  | 1/2" EMT                     | 100      |
| 781011 19345    | <b>BP-12-B1</b> | 3/4" EMT,<br>1/2" IMC, Rigid | 100      |
| 781011 19440    | <b>BP-16-B1</b> | 1" EMT,<br>3/4" IMC, Rigid   | 100      |

Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.



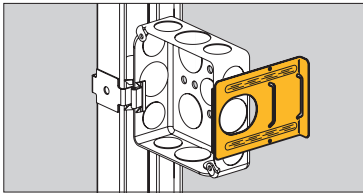


- Attaches electrical boxes (requiring plaster rings) to most metal studs.
- Box mounts flush to back of drywall.
- Simply installed with a hammer.

## Box To Stud Fastener



| UPC/Part Number | Catalog Number | Description            | Box Qty. |
|-----------------|----------------|------------------------|----------|
| 78101118270     | BB9            | Electrical Box Support | 100      |



- Provides far-side support for electrical boxes in 2½" thru 6" studs.
- Cut outs facilitate bending to provide precise installation with greater stability.
- Easily snaps onto box side and is secured in place by plaster ring.

## Adjustable Box Stabilizers



BB12

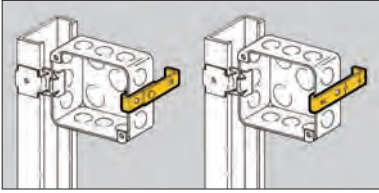


BB12-6

| UPC/Part Number | Catalog Number | Metal Stud Size | Box Qty. |
|-----------------|----------------|-----------------|----------|
| 78101192876     | BB12           | 2½" thru 4"     | 100      |
| 78101192879     | BB12-6         | 6"              | 100      |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.

# Wall studs



- Provides far-side support for electrical boxes.
- See BB12 Series (page 20) for a better solution.

## Box Stabilizer

Wall Studs



BF1-96



BF1-64



BF1-56

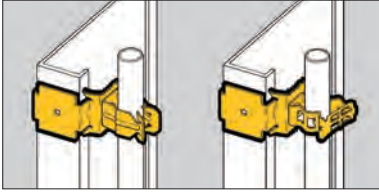


BF1-40



| UPC/Part Number | Catalog Number | Metal Stud Size | Box Qty. |
|-----------------|----------------|-----------------|----------|
| 78101118320     | <b>BF1-40</b>  | 2½"             | 100      |
| 78101118325     | <b>BF1-56</b>  | 3½"             | 100      |
| 78101118330     | <b>BF1-64</b>  | 4"              | 100      |
| 78101118335     | <b>BF1-96</b>  | 6"              | 100      |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*



- Attaches conduit to most metal studs.
- BG Series features Guide-Rite™ design.
- BP Series feature push-type design.

## Guide-Rite Conduit To Stud Fastener



| UPC/Part Number | Catalog Number    | Conduit Size EMT & Rigid | Box Qty. |
|-----------------|-------------------|--------------------------|----------|
| 78101118425     | <b>BG-6-B5 *</b>  | 3/8" or BX               | 100      |
| 78101118480     | <b>BG-8-12-B5</b> | 1/2", 3/4"               | 100      |
| 78101118560     | <b>BG-16-B5</b>   | 1"                       | 100      |
| 78101118645     | <b>BG-20-B5</b>   | 1 1/4"                   | 50       |

Patent #4958792

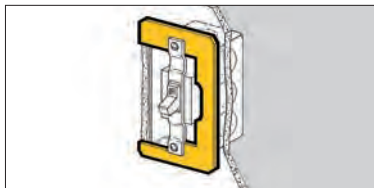
\* BG-6 will accept the following range  $\varnothing.420 - \varnothing.675$ :  
14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

## Push Type Conduit To Stud Fastener



| UPC/Part Number | Catalog Number  | Conduit Size                 | Box Qty. |
|-----------------|-----------------|------------------------------|----------|
| 78101119250     | <b>BP-8-B5</b>  | 1/2" EMT                     | 100      |
| 78101119350     | <b>BP-12-B5</b> | 3/4" EMT,<br>1/2" IMC, Rigid | 100      |
| 78101119445     | <b>BP-16-B5</b> | 1" EMT,<br>3/4" IMC, Rigid   | 100      |

# Wall studs



## Retainer Level

- BB32 adds rigidity to devices in oversize wall openings.
- Holds wiring device firmly in drywall.
- Can be used with switches, receptacles, GFCIs and decorator devices.
- Ideal for positioning devices in pre-fab installations.
- Finish: Pre-Galvanized.

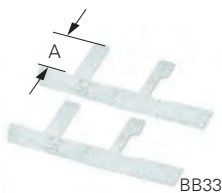


| UPC/Part Number | Catalog Number | Description                             | Box Qty. |
|-----------------|----------------|---|----------|
| 78101118215     | <b>BB32</b>    | Adds Rigidity to Oversize Wall Openings | 100      |

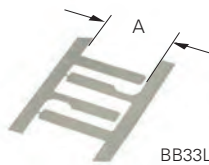


- Attaches electrical boxes to finished drywall.
- Box is completely supported by drywall.
- Prevents box from pulling out of wall.
- Finish: Pre-Galvanized.

## Box Support



BB33

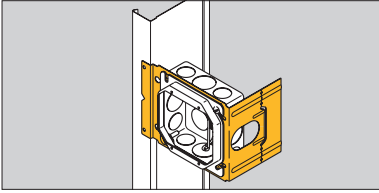


BB33L



| UPC/Part Number | Catalog Number | Description          | Length A | Box Qty. |
|-----------------|----------------|----------------------|----------|----------|
| 78101101138     | <b>BB33</b>    | Box Support          | 1½"      | 100 pr.  |
| 78101104936     | <b>BB33L</b>   | Long Leg Box Support | 2½"      | 100      |

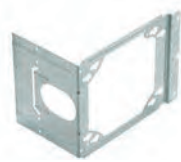
Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



## Box Support Brackets



- Improved far-side support stands up during drywall installation and out performs competitor brackets.
- Supports 4" or 4<sup>1</sup>/<sub>16</sub>" square boxes.
- Brackets may be piggy-backed in series.
- Finish: Pre-Galvanized.
- Contact factory for pre-fab box assemblies.



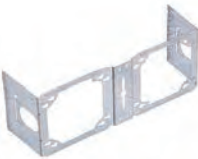
BB4-23



BB4-4



BB4-6



BB4-23D



BB4-4D

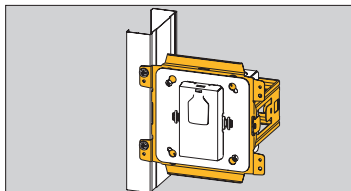


BB4-6D

| UPC/Part Number | Catalog Number | Metal Stud Size   | Box Qty. |
|-----------------|----------------|---|----------|
| 78101118190     | <b>BB4-23</b>  | 3 <sup>5</sup> / <sub>8</sub> ", 2 <sup>1</sup> / <sub>2</sub> "                                      | 100      |
| 78101118200     | <b>BB4-4</b>   | 4", 3 <sup>5</sup> / <sub>8</sub> ", 2 <sup>1</sup> / <sub>2</sub> "                                  | 100      |
| 78101118202     | <b>BB4-6</b>   | 6", 5 <sup>1</sup> / <sub>2</sub> ", 3 <sup>5</sup> / <sub>8</sub> ", 2 <sup>1</sup> / <sub>2</sub> " | 100      |
| 79903848375     | <b>BB4-23D</b> | 3 <sup>5</sup> / <sub>8</sub> ", 2 <sup>1</sup> / <sub>2</sub> "                                      | 50       |
| 79903848376     | <b>BB4-4D</b>  | 4", 3 <sup>5</sup> / <sub>8</sub> ", 2 <sup>1</sup> / <sub>2</sub> "                                  | 50       |
| 79903848377     | <b>BB4-6D</b>  | 6", 5 <sup>1</sup> / <sub>2</sub> ", 3 <sup>5</sup> / <sub>8</sub> ", 2 <sup>1</sup> / <sub>2</sub> " | 50       |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Wall studs



- Interlocking wrap-around design provides extra rigidity.
- Supports most standard 1-gang and 2-gang US and Canadian boxes and/or plaster rings 4" SQ., 4<sup>1</sup>/<sub>16</sub>" SQ., and 5" SQ. on either side of the stud.

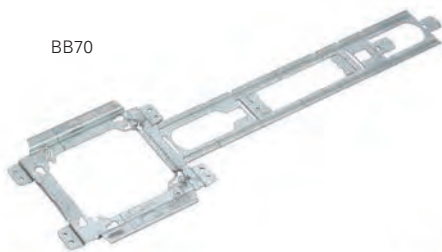
## Box Support Brackets



- Adjustable for varying stud depths (2½" to 6").
- Compatible with 1-gang and 2-gang Rapid Ring™ and adjustable plaster rings.
- Integral mounting tabs for attaching plaster rings.
- Multiple brackets may be ganged together.
- Contact factory for pre-fab box assemblies.
- Finish: Pre-Galvanized.

U.S. Patents 9,444,236 & 9,780,545

BB70



BB70E\*  
(Sold separately,  
must be used with  
BB70)



See following page for various product information.

| UPC/Part Number | Catalog Number | Metal Stud Size | Box Qty. |
|-----------------|----------------|-----------------|----------|
| 79903856399     | <b>BB70</b>    | 2½" - 4"        | 50       |
| 79903856400     | <b>BB70E*</b>  | 5½" - 6"        | 50       |

\* Must be used with BB70.

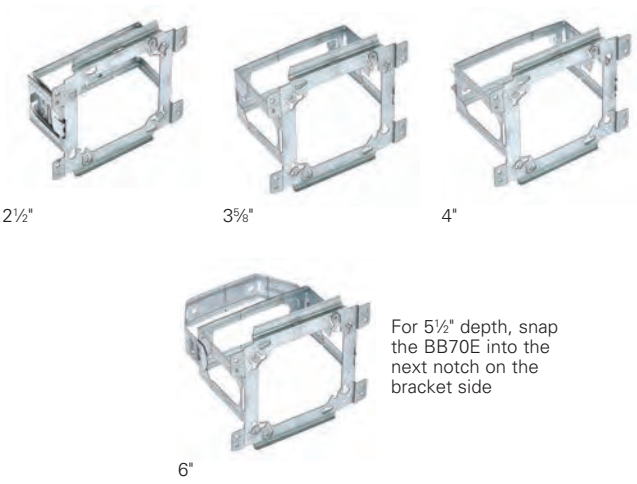


Can be used with  
BBFS-18 (floor stand)  
See page 32.

*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*



## Bend For Various Depths

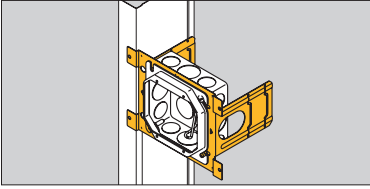


## Bending Bracket for 3 5/8" depth



*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Wall studs

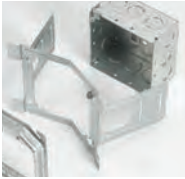


## Double-Sided Box Support Bracket w/ Marty-Mouse Ears



- Double-side box support, designed for Pre-Fab. Unit can be installed on either side of stud without repositioning box or devices.
- Patented Marty Mouse™ ears feature an innovative keyhole pattern to secure outlet box to bracket with or without the plaster ring.
- Wider box opening accommodates one or two gang adjustable plaster rings (B1AJ & B2AJ).
- Enhanced far-side support stands up during drywall installation and outperforms competitor brackets.
- Contact factory for pre-fab box assemblies.
- Finish: Pre-Galvanized.

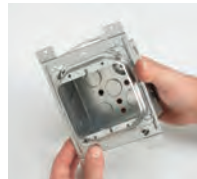
1. Bracket is shipped with ear tabs in the open position



2. Insert box screws into open slots



3. When plaster ring is installed, the ear tabs are bent down into the closed position



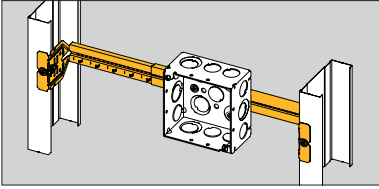
4. With the tabs closed, the box remains secured to the bracket when the plaster ring is removed



| UPC/Part Number | Catalog Number | Stud Size  | Box Qty. |
|-----------------|----------------|--|----------|
| 78205138645     | <b>BB73</b>    | 3 <sup>5</sup> / <sub>8</sub> " , 2 <sup>1</sup> / <sub>2</sub> "  | 50       |
| 78205138717     | <b>BB74</b>    | 4" , 3 <sup>5</sup> / <sub>8</sub> " , 2 <sup>1</sup> / <sub>2</sub> "                                   | 50       |
| 78205138759     | <b>BB76</b>    | 6" , 5 <sup>1</sup> / <sub>2</sub> " , 3 <sup>5</sup> / <sub>8</sub> " , 2 <sup>1</sup> / <sub>2</sub> " | 25       |

Patent # 5595362

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*



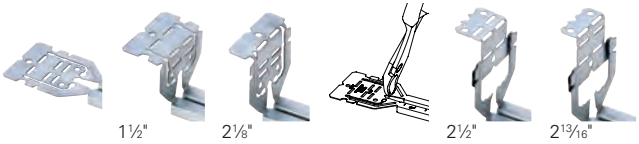
## Telescoping Box Mounting Bracket



- Completely adjustable fits a range of stud spacings
- Mounts 1½", 2⅛", 2½", and 2⅜" deep boxes
- Increased rigidity through center groove design
- Only two screws required to mount for 1½" and 2⅛" box depths
- Pre-punched screw holes provide for easy box installation.
- Bar is marked with scale for stud spacing.
- Finish: Pre-Galvanized.

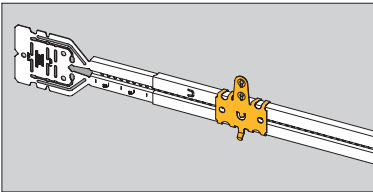


BB2-24T



| UPC/Part Number | Catalog Number | Metal Stud Spacing | Box Qty. |
|-----------------|----------------|--------------------|----------|
| 79903863001     | BB2-16T        | 11" to 18"         | 50       |
| 79903863002     | BB2-24T        | 15½" to 26"        | 50       |

Patent pending.



## Box Mounting Clip



- Allows for pre-fabrication of the electrical box prior to installing the box onto the bracket
- Tool-less, simply installs by snapping onto the bracket and requires no hardware to secure
- Contact factory for pre-fab box assemblies.



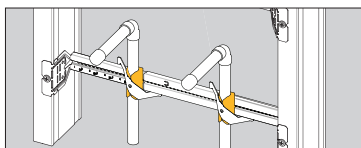
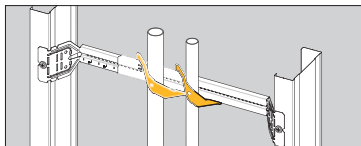
BB2TSC

| UPC/Part Number | Catalog Number | Stud Spacing      | Box Qty. |
|-----------------|----------------|-------------------|----------|
| 79903863003     | BB2TSC         | Box Mounting Clip | 100      |

Patent pending.

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Wall studs



- Pipe/conduit clamps require no hardware to install and help provide support anywhere between the stud
- Copper pipe insulator sleeves help provide protection of differing metals



BB2TPC



BB2TCT

## Box Mounting Accessories

Wall Studs

| UPC/Part Number | Catalog Number    | Description                                  | Box Qty. |
|-----------------|-------------------|--|----------|
| 79903863004     | <b>BB2TPC-038</b> | Pipe/Conduit Clamp $\frac{3}{8}$ "           | 100      |
| 79903863005     | <b>BB2TPC-050</b> | Pipe/Conduit Clamp $\frac{1}{2}$ "           | 100      |
| 79903863006     | <b>BB2TPC-075</b> | Pipe/Conduit Clamp $\frac{3}{4}$ "           | 100      |
| 79903863007     | <b>BB2TPC-100</b> | Pipe/Conduit Clamp 1"                        | 100      |
| 79903863013     | <b>BB2TCT-050</b> | Copper Pipe Insulator Sleeve $\frac{1}{2}$ " | 100      |
| 79903863015     | <b>BB2TCT-075</b> | Copper Pipe Insulator Sleeve $\frac{3}{4}$ " | 100      |
| 79903863016     | <b>BB2TCT-100</b> | Copper Pipe Insulator Sleeve 1"              | 100      |

U.S. Patent 9,791,073

Note: Secures to B-Line BB2-16T and BB2-24T telescoping brackets only. For a standard  $2\frac{1}{8}$ " deep box, the stud depth must be  $3\frac{1}{2}$ " or greater. For a shallow  $1\frac{1}{2}$ " deep box, the stud depth must be  $2\frac{1}{2}$ " or greater.

## Mounting Screws



BWHS-9

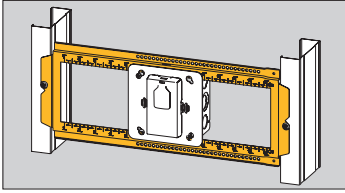


BWHS-9D

| UPC/Part Number | Catalog Number | Description   | Box Qty. |
|-----------------|----------------|---|----------|
| 78101101675     | <b>BWHS-9</b>  | #8 x $\frac{9}{16}$ " Sheet Metal Screw               | 1000     |
| 78101104925     | <b>BWHS-9D</b> | #8 x $\frac{9}{16}$ " Self-Drilling Sheet Metal Screw | 1000     |

Note: BWHS-9 & BWHS-9D can be used with all fasteners requiring attachment with sheet metal screws, except on BB2-16, BB2-16D, BB2-24 & BB2-24D which only BWHS-9 can be used.

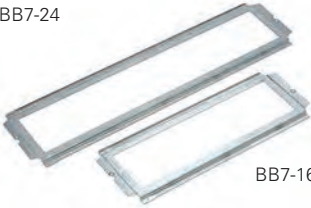
*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*



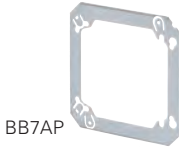
## Open Box Mounting Bracket



BB7-24



BB7-16



BB7AP

- Open box support allows for adjustability of box position between studs.
- Supports most US and Canadian boxes and/or plaster rings 4" SQ., 4<sup>11/16</sup>" SQ., 5" SQ., and multi-gang boxes.
- Fits up to 1 1/2" wide studs 16" to 24" on center.
- Compatible with Rapid Ring™ & adjustable plaster rings.
- Field cut to adjust to non-standard stud spacings.
- Stamped markings at 1/4", 1/2", and 1" increments to allow the installer to easily locate the desired box position.
- Contact factory for pre-fab box assemblies.
- Finish: Pre-Galvanized.

*U.S. patents: 9,444,236 & 9,780,545.  
Other patents pending.*

| UPC/Part Number | Catalog Number | Description      | Box Qty. |
|-----------------|----------------|------------------|----------|
| 79903856401     | <b>BB7-16</b>  | 16" Stud Spacing | 25       |
| 79903856402     | <b>BB7-24</b>  | 24" Stud Spacing | 25       |
| 79903859494     | <b>BB7AP</b>   | Alignment Plate  | 100      |

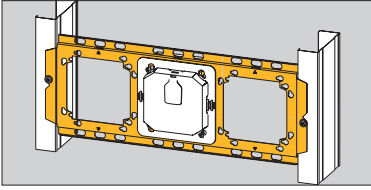
Can be cut on a mark to make shorter length brackets.

Can be used with BBFS-18 (floor stand) See pages 32 & 33.



*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*

# Wall studs

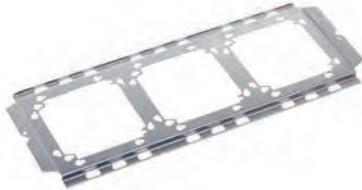


## Box Mounting Bracket



- Increased strength and rigidity to help withstand the stress of drywall installation.
- Supports most US & Canadian boxes and plaster rings 4" SQ. and 4 1/16" SQ.
- Compatible with 1-gang and 2-gang Rapid Ring™ and adjustable plaster rings.
- Contact factory for pre-fab box assemblies.
- Finish: Pre-Galvanized.  
U.S. Patent 9,653,899

Wall Studs



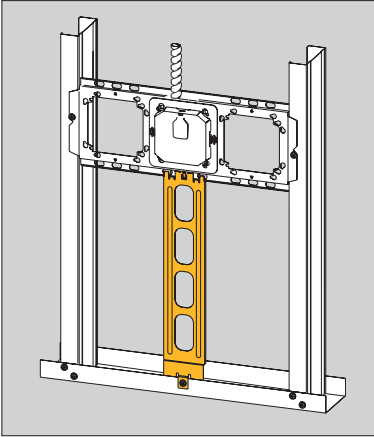
BB8-16



BB8-24

| UPC/Part Number | Catalog Number | Description         | Box Qty. |
|-----------------|----------------|---------------------|----------|
| 78101102898     | <b>BB8-16</b>  | 16"<br>Stud Spacing | 25       |
| 78101102900     | <b>BB8-24</b>  | 24"<br>Stud Spacing | 25       |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*



- Bracket accessories require no tools to install.
- BBFS-18 floor stand ensures consistent box height and eliminates need to measure for proper install height.
- Can be used with BB7 (page 30) and BB8 (page 31) brackets.
- Finish: Pre-Galvanized.  
U.S. Patent 9,653,899

## Box Mounting Bracket Accessories

BBFS-18 Installed (Can be used with BB7 or BB8 brackets)

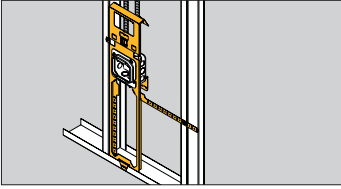


BBFS-18

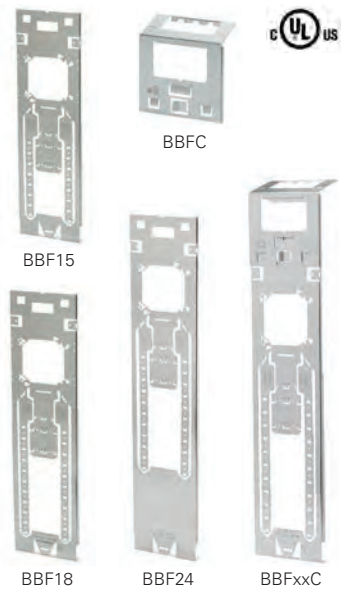
| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 79903851597     | BBFS-18        | Floor Stand | 25       |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*





## Floor-Mount Box Support



- New BBF floorstand provides the most rigid support in the industry.
- Far-side support accommodates 6", 5½", 3⅝", and 2½" stud depths.
- Fold-out tab built-in to attach floor stand to stud if desired.
- Integral "wings" provide rigid support when floorstand is mounted between studs.
- Optional cable containment clip securely attaches to floorstand without hardware.
- Patented Marty Mouse™ ears enable boxes to be secured in place with or without the plaster rings.
- Finish: Pre-Galvanized.
- Contact factory for pre-fab box assemblies.

| UPC/Part Number | Catalog Number | Box Center Height              | Box Qty. |
|-----------------|----------------|--------------------------------|----------|
| 78205152944     | <b>BBF15</b>   | 15" Floorstand                 | 25       |
| 78205152945     | <b>BBF18</b>   | 18" Floorstand                 | 25       |
| 78205152946     | <b>BBF24</b>   | 24" Floorstand                 | 25       |
| 78205152947     | <b>BBFC</b>    | Containment Clip               | 25       |
| 78205152948     | <b>BBF15C</b>  | 15" Floorstand with Cable Clip | 25       |
| 78205152949     | <b>BBF18C</b>  | 18" Floorstand with Cable Clip | 25       |
| 78205152950     | <b>BBF24C</b>  | 24" Floorstand with Cable Clip | 25       |

Patent #5595362  
Patent #7956285 B2

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

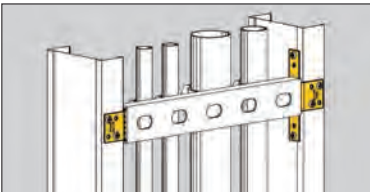


## Floor Mounted Box Support



- See BBF Series (page 33) for an alternative solution.
- Provides support for electrical box from floor track or concrete forms.
- 18" length with break-away feature for 12" or 16" box mounting.
- Finish: Pre-Galvanized.

| UPC/Part Number | Catalog Number | Description               | Box Qty. |
|-----------------|----------------|---------------------------|----------|
| 78101103623     | <b>BB-18</b>   | Floor Mounted Box Support | 50       |



## Strut Mounting Brackets

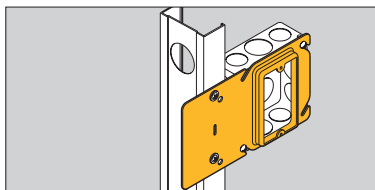


- Attaches 1 $\frac{3}{16}$ " strut, 1 $\frac{1}{2}$ " lathers channel,  $\frac{1}{2}$ " EMT or  $\frac{3}{4}$ " EMT to metal studs.
- Provides support for vertical runs of conduit.
- Finish: Pre-Galvanized.

| UPC/Part Number | Catalog Number | Description            | Box Qty. |
|-----------------|----------------|------------------------|----------|
| 78101101658     | <b>BMB1</b>    | Strut Mounting Bracket | 25 pr.   |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Wall studs



- Uni-Mount™ helps provide a secure support for 4" square boxes and features a built-in plaster ring.
- Rigid bracket design eliminates the need for far-side support.
- Enlarged viewing hole makes it easier to find mark lines on the stud.
- Gangable design accepts BB423 bracket to mount boxes on both sides of the stud.
- Contact factory for pre-fab box assemblies.
- Finish: Pre-Galvanized.

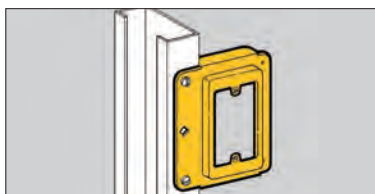
## Uni-Mount Box Support/Cover Plate Mounting Bracket

Single Gang  
BB40 Series



Double Gang  
BB45 Series

| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78205122768     | <b>BB40-08</b> | 1/2" Raise  | 50       |
| 78205122771     | <b>BB40-10</b> | 5/8" Raise  | 50       |
| 78205122772     | <b>BB40-12</b> | 3/4" Raise  | 50       |
| 78205122773     | <b>BB45-08</b> | 1/2" Raise  | 50       |
| 78205122774     | <b>BB45-10</b> | 5/8" Raise  | 50       |
| 78205122775     | <b>BB45-12</b> | 3/4" Raise  | 50       |



- Provides attachment base for low voltage outlets.
- Replaces electrical box in Class 2 low voltage installations.
- Can be piggy-backed.
- For 1/2" and 5/8" drywall applications.
- Finish: Pre-Galvanized.

## Cover Plate Mounting Bracket



| UPC/Part Number | Catalog Number | Description              | Box Qty. |
|-----------------|----------------|--------------------------|----------|
| 78101119873     | <b>BB15</b>    | Single Gang Stud Bracket | 50       |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.

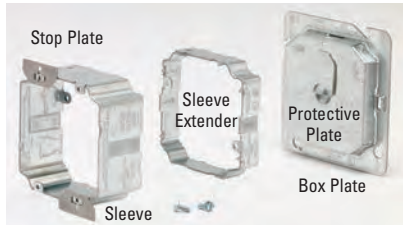
## Rapid Ring Self Adjusting Pre-Fab Ring

Rapid Ring™ self-adjusting pre-fab plaster ring can help you win tight bids and beat the profit squeeze with its innovative 4-step installation. This revolutionary pre-fab system installs in as little as 15 seconds per unit, compressing your project schedule, helping cut operational costs and helping reduce onsite waste.

Because the Rapid Ring is a self-adjusting pre-fab ring, you'll never need to adjust a mud ring again. With a simple push of the Rapid Ring, you're flush every time.



1. Remove protective plate.
2. Connect the wiring device.
3. Position the device assembly.
4. Push in the device assembly—and you're done!



| For Use With Wiring Device Qty. | Electrical Box <sup>5</sup>          | Box Plate <sup>1</sup> Cat. No. | Sleeve <sup>2,3</sup> Cat. No. | Sleeve Extender <sup>4</sup> Cat. No. |
|---------------------------------|--------------------------------------|---------------------------------|--------------------------------|---------------------------------------|
| 1                               | 4" sq.                               | <b>B1RRP4C</b>                  | <b>B1RRR</b>                   | <b>B1RRE</b>                          |
| 1                               | 4 <sup>1</sup> / <sub>16</sub> " sq. | <b>B1RRP5C</b>                  | <b>B1RRR</b>                   | <b>B1RRE</b>                          |
| 2                               | 4" sq.                               | <b>B2RRP4C</b>                  | <b>B2RRR</b>                   | <b>B2RRE</b>                          |
| 2                               | 4 <sup>1</sup> / <sub>16</sub> " sq. | <b>B2RRP5C</b>                  | <b>B2RRR</b>                   | <b>B2RRE</b>                          |
| 3                               | 3-gang <sup>6</sup>                  | <b>B3RRPC</b>                   | <b>B3RRR</b>                   | <b>B3RRE</b>                          |
| 4                               | 4-gang <sup>7</sup>                  | <b>B4RRPC</b>                   | <b>B4RRR</b>                   | <b>B4RRE</b>                          |
| Double Drywall Cover            |                                      | <b>B1RRC-1.5</b>                | <b>B2RRC-1.5</b>               |                                       |

1. Protective plate included with box plate.
2. Wall thickness range: ½" min. to 1¼" max.
3. Stop plates included with sleeve.

4. Sleeve extender is an optional accessory to extend max. wall thickness range to 2" (order separately, mounting hardware included)

5. Minimum electrical box depth is 2½"

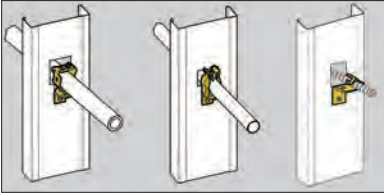
6. Keyhole knockouts allow use on 2-gang electrical box.

7. Keyhole knockouts allow use on 3-gang electrical box.

*Covered by and/or for use under one or more of the following U.S. patents:  
8,575,484 8,658,894*

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Wall studs



- Supports horizontal runs of conduit, flexible conduit, MC or AC cable through metal studs.
- Attaches easily with a single sheet metal screw.
- Prevents conduit/cable rattling.

## Conduit/Cable Supports

Wall Studs



BG-x-H7



BP-x-H7  
(Not UL)



BX4-H7

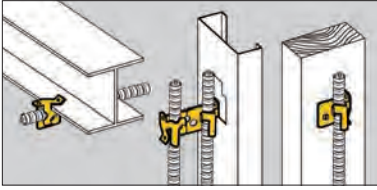


BX4M-H7  
(Not UL)

| UPC/Part Number                | Catalog Number    | Conduit/Cable Size          | Box Qty. |
|--------------------------------|-------------------|-----------------------------|----------|
| 78101101228                    | <b>BG-6-H7 *</b>  | 3/8", MC, AC, or FMC        | 100      |
| 78101110238<br>Patent #4958792 | <b>BG-8-12-H7</b> | 1/2" or 3/4"                | 100      |
| 78101101227                    | <b>BP-8-H7</b>    | 1/2" EMT                    | 100      |
| 78101101226                    | <b>BP-12-H7</b>   | 3/4" EMT<br>1/2" IMC, Rigid | 100      |
| 78101101200                    | <b>BX4-H7</b>     | MC, AC, or FMC              | 100      |
| 78101101205                    | <b>BX4M-H7</b>    | MC, AC, or FMC              | 100      |

\* BG-6 will accept the following range Ø.420 - Ø.675:  
14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

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## Flexible Conduit/ Cable Fasteners



BX4



BX4M



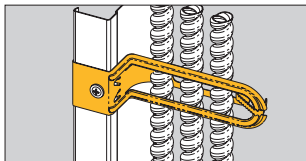
BX4MD

- Attaches MC, AC, sizes 14/2 through 10/3 or 3/8" FMC to studs or flanges up to 3/16" thick.
- Snaps into place on metal stud openings or may be screwed to metal or wood studs.
- BX4M may be snapped in half to make two BX4's.
- Allows cables to be positioned a minimum of 1 1/4" from face of stud as required by NEC Article 300.4(D).

| UPC/Part Number | Catalog Number | Description  | Box Qty. |
|-----------------|----------------|--------------|----------|
| 78101101079     | <b>BX4</b>     | Single Runs  | 100      |
| 78101101080     | <b>BX4M</b>    | Double Runs  | 100      |
| 78101101224     | <b>BX4MD</b>   | Up to 4 Runs | 100      |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Wall studs



## Cable Support

- Unique one-piece design ensures cables are positioned 1¼" from the face of the stud.
- Push mounted for stud positioning.
- Securely attaches to stud using only 1 screw (50% less than other designs).
- Push mount design prevents part from twisting while installing screw.
- Supports more runs of MC cable than competition (up to 6 runs).
- Rigid product with stiffening ribs and more material than competitive offerings.
- Zip tie locking tab allows trouble-free securing of cables.
- Use BRC6M-1 for wider stud applications and for wood studs.

| UPC/Part Number | Catalog Number | Stud Size | Box Qty. |
|-----------------|----------------|-----------|----------|
| 79903843761     | <b>BRC6M</b>   | 1¼"       | 50       |
| 79903843762     | <b>BRC6M-1</b> | All       | 50       |

Note: Canadian applications are limited to wood studs only. See cable capacity in bottom chart.



BRCJ



- Ensures cables are positioned 1¼" from the face of the stud.

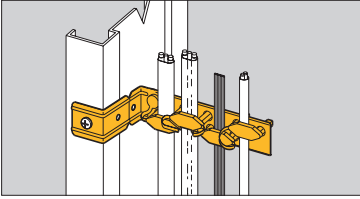
| UPC/Part Number | Catalog Number | Stud Size | Box Qty. |
|-----------------|----------------|-----------|----------|
| 79903862843     | <b>BRCJ</b>    | All       | 100      |

| Cable Type        | Cable Size                                       | Cable Capacity |      |
|-------------------|--|----------------|------|
|                   |  | BRC6M          | BRCJ |
| Non-Metallic (NM) | 14/2, 14/3, 12/2, 12/3, 10/2, 10/3, 8/2 w/grnd.  | 8              | 6    |
|                   | 8/3, 6/2 w/grnd.                                 | 6              | 4    |
| Metal Clad (MC)   | 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2 w/grnd. | 6              | 4    |
|                   | 10/3, 10/4 w/grnd.                               | 5              | 4    |
| Armored (AC)      | 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2 w/grnd. | 6              | 4    |
|                   | 10/3, 10/4 w/grnd.                               | 5              | 4    |
| Flexible          | 5/16"  | 6              | 4    |
| Conduit (BX)      | 3/8"   | 5              | 4    |

The quantity of cables shown in the chart is the maximum. Fewer cables can be supported. Diameters are based on data from a leading cable manufacturer (may vary slightly). Diameters of some NM cables refer to the widest dimension of a flat cable. NA = Not applicable

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.





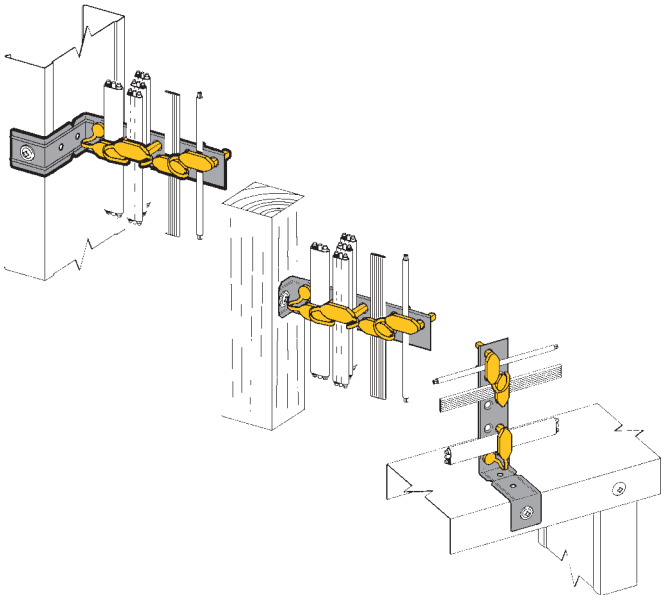
## Staple-Lok Multi-Purpose Cable Support



- Individual plastic staples grip cable and reduce slipping.
- Secures up through #10 type NM cable.
- Supports AC, MC or FMC cable up to 1/2" O.D.
- Staple-Lok™ break-apart feature allows installation on studs and furring strips.
- Allows cables to be positioned a minimum of 1 1/4" from face of stud as required by NEC Article 300.4(D).

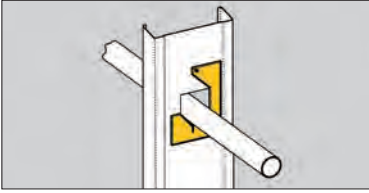
| UPC/Part Number | Catalog Number | Cable Size       | Box Qty. |
|-----------------|----------------|------------------|----------|
| 78101103587     | <b>BRC4</b>    | Up to .500" O.D. | 100      |

Patent #5587555



*Read safety/installation instruction sheets in packages before use.  
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# Wall studs

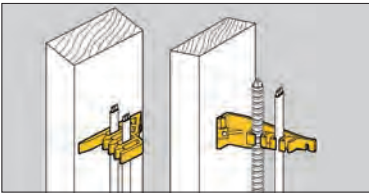


- Allows conduit, MC, AC, or FMC to be pulled through metal studs.
- Provides support for horizontal runs of conduit or cable through metal stud.
- Prevents rattling of conduit/cable.
- Finish: Pre-Galvanized.

## Conduit/Cable Supports



| UPC/Part Number | Catalog Number | Conduit/Cable Size | Box Qty. |
|-----------------|----------------|--------------------|----------|
| 78101101657     | <b>BX82</b>    | Up to 1"           | 100      |



- Attaches Type NM cables to wood studs.
- Can be used to support computer, CATV, telephone, security and instrumentation cables.
- Provided with nail inserted.
- Allows cables to be positioned a minimum of 1 1/4" from face of stud as required by NEC Article 300.4(D).

## Cable Fasteners



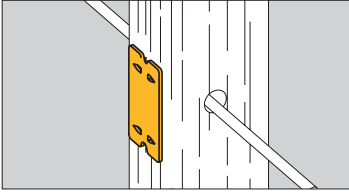
BRC1



BRC2

| UPC/Part Number | Catalog Number | Description                  | Box Qty. |
|-----------------|----------------|------------------------------|----------|
| 78101102941     | <b>BRC1</b>    | Wood Stud Cable Fastener     | 50       |
| 78101102941     | <b>BRC2</b>    | Furring Strip Cable Fastener | 50       |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.

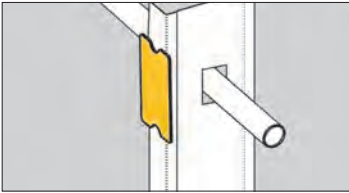


- Protects cable, plastic pipe and copper tubing from screw or nail penetration.
- Easily installed with a hammer.
- Complies with NEC Article 300-4.

## Nail Plates For Wood Studs

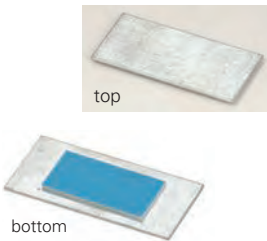


| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78101104927     | <b>BM3</b>     | Nail Plate  | 100      |



- Protects cable, plastic pipe and copper tubing from screw or nail penetration.
- Comes with industrial grade double stick tape on back for easy installation on stud.
- Complies with NEC Article 300-4.

## Nail Plates For Metal Studs

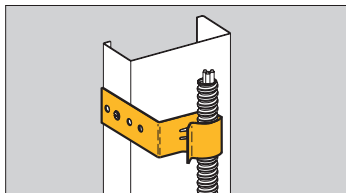


Just Peel Tape and Stick To Stud

| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78101126251     | <b>BM3M</b>    | Nail Plate  | 100      |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Wall studs



## Conduit Support

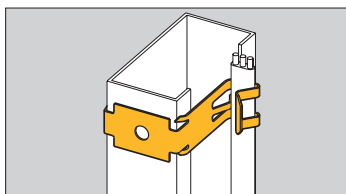


- Larger capacity: Redesigned BB38D attaches 1/2" to 1" EMT or flexible conduit to metal or wood studs.
- BB38 attaches MC/AC cable, 1/2" & 3/4" EMT to metal or wood studs.
- Eliminates the need for offset bending of conduit.
- Aligns conduit with standard box knockouts.

BB38

BB38D

| UPC/Part Number | Catalog Number | Box Depth | Box Qty. |
|-----------------|----------------|-----------|----------|
| 78101104265     | <b>BB38</b>    | 1 1/2"    | 100      |
| 78101195244     | <b>BB38D</b>   | 2 1/8"    | 100      |



## Flexible Conduit/ Cable Fasteners

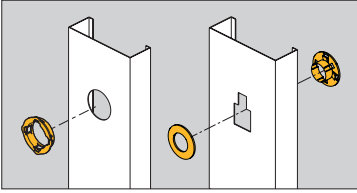


- Secures Romex® sizes 14/2 w/ground thru 12/3 w/ground, MC/AC sizes 14/2 thru 12/3 to metal or wood studs.
- Allows cables to be positioned a minimum of 1 1/4" from face of stud as required by NEC Article 300.4(D).

| UPC/Part Number | Catalog Number | Description  | Box Qty. |
|-----------------|----------------|--|----------|
| 78101119755     | <b>BX5</b>     | Secures Flexible Conduit or Cable to Metal or Wood Studs | 100      |

† All other trademarks are property of their respective owners.

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



## Metal Stud Grommet



- BM1 snaps into standard 1<sup>11</sup>/<sub>32</sub>" diameter holes in metal studs from 25 Ga. to 16 Ga.
- BM2 is shipped as one piece and easily separated for installation.
- Universal BM2 provides 360° protection. Fits all factory punched metal stud holes.
- Protects wire insulation in accordance with NEC Article 300.4(B) (1).



BM1



BM2

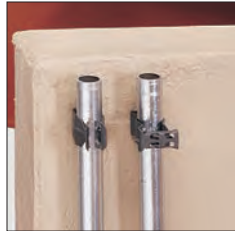
| UPC/Part Number | Catalog Number | Description                     | Box Qty. |
|-----------------|----------------|---------------------------------|----------|
| 78101119100     | <b>BM1</b>     | Plastic Grommet                 | 100      |
| 78101119102     | <b>BM1M</b>    | Plastic Grommet (Bulk Quantity) | 100      |
| 78101104926     | <b>BM2</b>     | Universal Plastic Grommet       | 100      |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

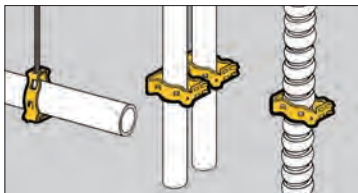
# Conduit & cable



Conduit & Cable



*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*

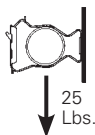


## Guide-Rite Conduit Fasteners

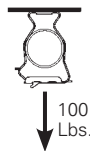
- Supports 3/8" to 2" conduit.
- Unique Guide-Rite™ Fastener provides for fast and easy installation with pliers.
- Now available in Dura-Copper™ finish - add DCU to part number.
- Static Load Capacity:  
100 Lbs. - Vertical  
25 Lbs. - Horizontal



Clearance Hole  
For 1/4" Bolt



**Static  
Load  
Capacity**



| UPC/Part Number | Catalog Number | Conduit Size EMT/Rigid | Box Qty. |
|-----------------|----------------|------------------------|----------|
| 78101118350     | <b>BG-6*</b>   | 3/8"                   | 100      |
| 78101118355     | <b>BG-8-12</b> | 1/2", 3/4"             | 100      |
| 78101118360     | <b>BG-16</b>   | 1"                     | 100      |
| 78101118365     | <b>BG-20</b>   | 1 1/4"                 | 100      |
| 78101118360     | <b>BG-24</b>   | 1 1/2"                 | 100      |
| 78101118375     | <b>BG-32</b>   | 2"                     | 100      |



1/4"-20  
Thread Impression



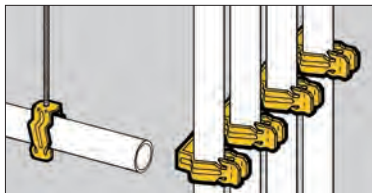
| UPC/Part Number | Catalog Number    | Conduit Size EMT/Rigid | Box Qty. |
|-----------------|-------------------|------------------------|----------|
| 78101118380     | <b>BG-6-4T*</b>   | 3/8"                   | 100      |
| 78101118385     | <b>BG-8-12-4T</b> | 1/2", 3/4"             | 100      |
| 78101118390     | <b>BG-16-4T</b>   | 1"                     | 100      |
| 78101118395     | <b>BG-20-4T</b>   | 1 1/4"                 | 100      |
| 78101118400     | <b>BG-24-4T</b>   | 1 1/2"                 | 100      |
| 78101118405     | <b>BG-32-4T</b>   | 2"                     | 100      |

Patent #4958792

\* BG-6 and BG-6-4T will accept the following range  $\varnothing.420 - \varnothing.675$ :  
14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

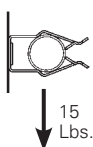
Read safety/installation instruction sheets in packages before use.

# Conduit & cable

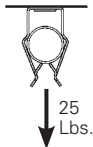


- Conduit easily snaps into push type fastener for secure support.
- Available with clearance hole for 1/4" bolt or 1/4"-20 thread impression.
- Ultimate Static Load Capacity:  
25 Lbs. Vertical  
15 Lbs. Horizontal

## Push-Type Conduit Fasteners



**Ultimate  
Static Load  
Capacity**



Clearance Hole  
For 1/4" Bolt

| UPC/Part Number | Catalog Number | Conduit Size                | Box Qty. |
|-----------------|----------------|-----------------------------|----------|
| 78101119200     | <b>BP-8</b>    | 1/2" EMT                    | 100      |
| 78101119205     | <b>BP-12</b>   | 3/4" EMT<br>1/2" IMC, Rigid | 100      |
| 78101119210     | <b>BP-16</b>   | 1" EMT<br>3/4" IMC, Rigid   | 100      |

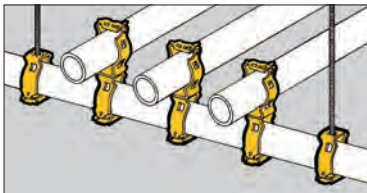


1/4"-20  
Thread Impression

| UPC/Part Number | Catalog Number  | Conduit Size                | Box Qty. |
|-----------------|-----------------|-----------------------------|----------|
| 78101119215     | <b>BP-8-4T</b>  | 1/2" EMT                    | 100      |
| 78101119220     | <b>BP-12-4T</b> | 3/4" EMT<br>1/2" IMC, Rigid | 100      |
| 78101119225     | <b>BP-16-4T</b> | 1" EMT<br>3/4" IMC, Rigid   | 100      |

Read safety/installation instruction sheets in packages before use.





## Guide-Rite Conduit Trapeze Fasteners



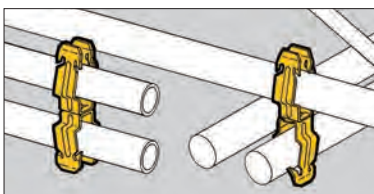
- For use with 3/8" to 2" conduit.
- Guide-Rite™ Fastener provides for fast and easy installation with pliers.



- Note: Total load of trapeze must not exceed 100 Lbs.

| UPC/Part Number | Catalog Number      | Conduit To 1" Trapeze | Box Qty. |
|-----------------|---------------------|-----------------------|----------|
| 78101118615     | <b>BG-16-G-6*</b>   | 3/8"                  | 100      |
| 78101118620     | <b>BG-16-G-8-12</b> | 1/2", 3/4"            | 100      |
| 78101118595     | <b>BG-16-G-16</b>   | 1"                    | 100      |
| 78101118600     | <b>BG-16-G-20</b>   | 1 1/4"                | 50       |
| 78101118605     | <b>BG-16-G-24</b>   | 1 1/2"                | 50       |
| 78101118610     | <b>BG-16-G-32</b>   | 2"                    | 50       |

\* BG-16-G-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit



## Push-Type Conduit To Conduit Fasteners

- An ideal spacer between conduits.
- No installation tools required.



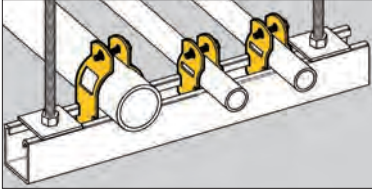
- Ultimate Static Load Capacity: 25 Lbs.

| UPC/Part Number | Catalog Number    | Conduit Size | Box Qty. |
|-----------------|-------------------|--------------|----------|
| 78101118615     | <b>BP-8-P-8</b>   | 1/2" to 1/2" | 100      |
| 78101118620     | <b>BP-8-P-12</b>  | 1/2" to 3/4" | 100      |
| 78101118595     | <b>BP-8-P-16</b>  | 1/2" to 1"   | 100      |
| 78101118600     | <b>BP-12-P-12</b> | 3/4" to 3/4" | 100      |
| 78101118605     | <b>BP-12-P-16</b> | 3/4" to 1"   | 100      |
| 78101118610     | <b>BP-16-P-16</b> | 1" to 1"     | 100      |

Note: For rigid conduit with BP series, use next size larger fastener (1/2" Rigid use BP-12).

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



- Patented Multi-Grip design fits Rigid, IMC or EMT conduit.
- Convenient break-apart clamp features retained bolt and  $\frac{5}{16}$ " thread impression to eliminate handling of nuts and bolts.
- Finish: Pre-Galvanized.
- Static Load Capacity: 200 lbs.

## Break-Apart Conduit Clamps

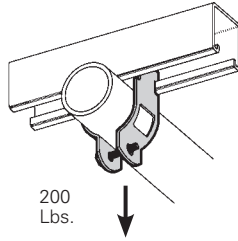


BPC-8 thru BPC-32



BPC-40 thru BPC-64

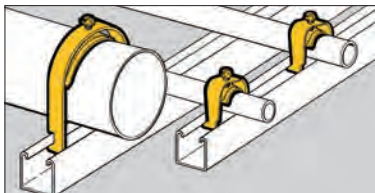
### Static Load Capacity



| UPC/Part Number | Catalog Number | Rigid or EMT Conduit Size | Box Qty. |
|-----------------|----------------|---------------------------|----------|
| 78101101676     | <b>BPC-8</b>   | $\frac{1}{2}$ "           | 100      |
| 78101101677     | <b>BPC-12</b>  | $\frac{3}{4}$ "           | 100      |
| 78101101680     | <b>BPC-16</b>  | 1"                        | 100      |
| 78101101679     | <b>BPC-20</b>  | $1\frac{1}{4}$ "          | 50       |
| 78101101678     | <b>BPC-24</b>  | $1\frac{1}{2}$ "          | 50       |
| 78101101681     | <b>BPC-32</b>  | 2"                        | 50       |
| 78101103977     | <b>BPC-40</b>  | $2\frac{1}{2}$ "          | 50       |
| 78101103978     | <b>BPC-48</b>  | 3"                        | 50       |
| 78101103979     | <b>BPC-56</b>  | $3\frac{1}{2}$ "          | 25       |
| 78101103981     | <b>BPC-64</b>  | 4"                        | 25       |

Patent #4044428

Read safety/installation instruction sheets in packages before use.



## Conduit Strut Clamps



B1532S thru B1564S

B1506S  
thru  
B1524S



B1508  
thru  
B1520



- Attaches conduit, flexible conduit or cables to standard strut channels.
- B1506S designed to secure and support MC/AC cables.
- Unique one-piece design eliminates handling of hardware and allows easy installation and removal in side-by-side conduit runs.
- Anti-rock feature prevents clamp from disengaging during installation.
- Finish: Pre-Galvanized.

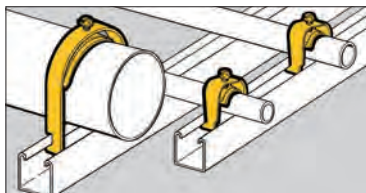
| UPC/Part Number   | Catalog Number | Conduit Size |        | OD Range Inches |       | Static Load Cap. Lbs. | Box Qty. |
|---|----------------|--------------|--------|-----------------|-------|-----------------------|----------|
|   |                | EMT          | Rigid  | Min             | Max   |                       |          |
| 78101163150   | <b>B1508</b>   | 1/2"         | —      | —               | —     | 200                   | 100      |
| 78101163154   | <b>B1512</b>   | 3/4"         | 1/2"   | —               | —     | 200                   | 100      |
| 78101163157   | <b>B1516</b>   | 1"           | 3/4"   | —               | —     | 300                   | 100      |
| 78101163160   | <b>B1520</b>   | 1 1/4"       | 1"     | —               | —     | 300                   | 100      |
| Note: Clamps without saddle are not recommended for flexible conduit or cable |                |              |        |                 |       |                       |          |
| 78205144495   | <b>B1506S*</b> | 3/8"*        | —      | .400            | .630  | 200                   | 100      |
| 78101163164   | <b>B1508S</b>  | 1/2"         | —      | .250            | .680  | 200                   | 100      |
| 78101163168   | <b>B1512S</b>  | 3/4"         | 1/2"   | .500            | .840  | 200                   | 100      |
| 78101163171   | <b>B1516S</b>  | 1"           | 3/4"   | .750            | 1.050 | 300                   | 100      |
| 78101163177   | <b>B1520S</b>  | 1 1/4"       | 1"     | 1.125           | 1.315 | 300                   | 100      |
| 78101163182   | <b>B1524S</b>  | 1 1/2"       | 1 1/4" | 1.375           | 1.660 | 400                   | 50       |
| 78101163188   | <b>B1532S</b>  | 2"           | 1 1/2" | 1.875           | 2.200 | 400                   | 50       |
| 78101163193   | <b>B1534S</b>  | —            | 2"     | 2.125           | 2.375 | 400                   | 25       |
| 78101163199   | <b>B1540S</b>  | 2 1/2"       | 2 1/2" | 2.625           | 2.875 | 400                   | 25       |
| 78101163205   | <b>B1548S</b>  | 3"           | 3"     | 3.250           | 3.500 | 400                   | 25       |
| 78101163211   | <b>B1556S</b>  | 3 1/2"       | 3 1/2" | 3.750           | 4.000 | 400                   | 10       |
| 78101163215   | <b>B1564S</b>  | 4"           | 4"     | 4.250           | 4.500 | 400                   | 10       |

Patent #5022614

- \* B1506S will accept the following  
 AC Cable 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4  
 MC Cable 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



- One-piece assembled product.
- Easy removal without disconnecting adjacent clamps.
- Secure cables easily with protective saddle, preventing damage to conduit or cable.
- One-hand installation.

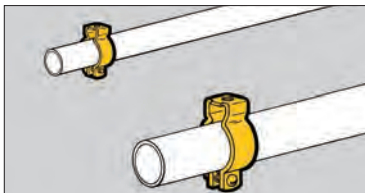
## Conduit & cable clamps



- Clamp works on equal trade sizes for both EMT and rigid conduit.
- Attaches to cable tray rungs and strut profiles; securing conduit, flexible conduit and cable to cable tray or traditional strut and open channel side of 4Dimension™ 4D22 strut system.
- Available in Pre-Galvanized, stainless steel 316.

| UPC/Part Number             | Catalog Number  | Conduit Size |                         | Static Load Cap. Lbs. | Box Qty. |
|-----------------------------|-----------------|--------------|-------------------------|-----------------------|----------|
|                             |                 | EMT & Rigid  | OD Range Inches Min Max |                       |          |
| <b>Pre-Galvanized steel</b> |                 |              |                         |                       |          |
| 79903860162                 | <b>BL050</b>    | ½"           | 0.65 0.89               | 200                   | 100      |
| 79903860163                 | <b>BL075</b>    | ¾"           | 0.86 1.11               | 200                   | 100      |
| 79903860164                 | <b>BL100</b>    | 1"           | 1.1 1.4                 | 200                   | 100      |
| 79903860165                 | <b>BL125</b>    | 1¼"          | 1.4 1.725               | 200                   | 50       |
| 79903860166                 | <b>BL150</b>    | 1½"          | 1.69 1.98               | 200                   | 50       |
| 79903860168                 | <b>BL200</b>    | 2"           | 1.98 2.576              | 200                   | 50       |
| 79903860169                 | <b>BL250</b>    | 2½"          | 2.576 3.06              | 350                   | 25       |
| 79903860170                 | <b>BL300</b>    | 3"           | 3.06 3.626              | 350                   | 25       |
| 79903860171                 | <b>BL350</b>    | 3½"          | 3.626 4.126             | 350                   | 25       |
| 79903860172                 | <b>BL400</b>    | 4"           | 4.126 4.626             | 350                   | 25       |
| <b>Stainless steel 316</b>  |                 |              |                         |                       |          |
| 79903860173                 | <b>BL050SS6</b> | ½"           | 0.65 0.89               | 200                   | 100      |
| 79903860174                 | <b>BL075SS6</b> | ¾"           | 0.86 1.11               | 200                   | 100      |
| 79903860175                 | <b>BL100SS6</b> | 1"           | 1.1 1.4                 | 200                   | 100      |
| 79903860176                 | <b>BL125SS6</b> | 1¼"          | 1.4 1.725               | 200                   | 50       |
| 79903860177                 | <b>BL150SS6</b> | 1½"          | 1.69 1.98               | 200                   | 50       |
| 79903860178                 | <b>BL200SS6</b> | 2"           | 1.98 2.576              | 200                   | 50       |
| 79903860179                 | <b>BL250SS6</b> | 2½"          | 2.576 3.06              | 350                   | 25       |
| 79903860180                 | <b>BL300SS6</b> | 3"           | 3.06 3.626              | 350                   | 25       |
| 79903860181                 | <b>BL350SS6</b> | 3½"          | 3.626 4.126             | 350                   | 25       |
| 79903860182                 | <b>BL400SS6</b> | 4"           | 4.126 4.626             | 350                   | 25       |

Read safety/installation instruction sheets in packages before use.



- For use with 1/2" thru 4" Conduit.
- Static Load Capacity: 400 lbs.
- Now available in Dura-Copper™ finish - add DCU to part number.
- Finish: Zinc-Plated.

## Conduit Hangers



With Retained Bolt and Thread Impression

| UPC/Part Number | Catalog Number | Trade Size | Conduit Size EMT | Conduit Size Rigid | Box Qty. |
|-----------------|----------------|------------|------------------|--------------------|----------|
| 78101119800     | <b>BL1400*</b> | 0          | 1/2"             | 1/2"               | 100      |
| 78101119801     | <b>BL1410*</b> | 1          | 3/4"             | 3/4"               | 100      |
| 78101119802     | <b>BL1420*</b> | 2          | 1"               | 1"                 | 100      |



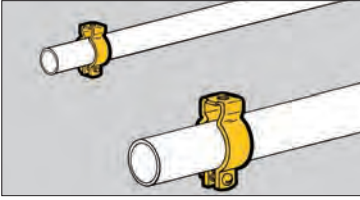
With Bolt and Nut

| UPC/Part Number | Catalog Number | Trade Size | Conduit Size EMT | Conduit Size Rigid | Box Qty. |
|-----------------|----------------|------------|------------------|--------------------|----------|
| 78101119803     | <b>BL1425*</b> | 2.5        | 1 1/4"           | —                  | 100      |
| 78101119804     | <b>BL1430*</b> | 3          | 1 1/2"           | 1 1/4"             | 100      |
| 78101119805     | <b>BL1440†</b> | 4          | —                | 1 1/2"             | 50       |
| 78101119806     | <b>BL1450†</b> | 5          | 2"               | 2"                 | 50       |
| 78101119807     | <b>BL1460†</b> | 6          | 2 1/2"           | 2 1/2"             | 25       |
| 78101119808     | <b>BL1470†</b> | 7          | 3"               | 3"                 | 25       |
| 78101119809     | <b>BL1480†</b> | 8          | 3 1/2"           | 3 1/2"             | 10       |
| 78101119810     | <b>BL1490†</b> | 9          | 4"               | 4"                 | 10       |

\* 9/32" mounting hole. † 11/32" mounting hole.

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



- For use with 1/2" thru 4" Conduit.
- Static Load Capacity: 400 lbs.
- Material: Type 304 Stainless Steel.

## Stainless Steel Conduit Hangers

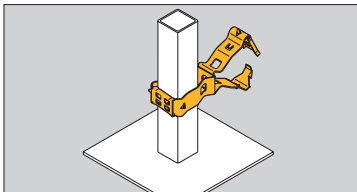


With Bolt And Nut

| UPC/Part Number | Catalog Number     | Trade Size | Conduit Size EMT | Size Rigid | Box Qty. |
|-----------------|--------------------|------------|------------------|------------|----------|
| 78101119800     | <b>BL1400-SS4*</b> | 0          | 1/2"             | 1/2"       | 100      |
| 78101119801     | <b>BL1410-SS4*</b> | 1          | 3/4"             | 3/4"       | 100      |
| 78101119802     | <b>BL1420-SS4*</b> | 2          | 1"               | 1"         | 100      |
| 78101119803     | <b>BL1425-SS4*</b> | 2.5        | 1 1/4"           | --         | 100      |
| 78101119804     | <b>BL1430-SS4*</b> | 3          | 1 1/2"           | 1 1/4"     | 100      |
| 78101119805     | <b>BL1440-SS4†</b> | 4          | --               | 1 1/2"     | 50       |
| 78101119806     | <b>BL1450-SS4†</b> | 5          | 2"               | 2"         | 50       |
| 78101119807     | <b>BL1460-SS4†</b> | 6          | 2 1/2"           | 2 1/2"     | 25       |
| 78101119808     | <b>BL1470-SS4†</b> | 7          | 3"               | 3"         | 25       |
| 78101119809     | <b>BL1480-SS4†</b> | 8          | 3 1/2"           | 3 1/2"     | 10       |
| 78101119810     | <b>BL1490-SS4†</b> | 9          | 4"               | 4"         | 10       |

\* 9/32" mounting hole. † 1 1/32" mounting hole.

Read safety/installation instruction sheets in packages before use.



- Supports conduit from square computer floor pedestals.
- Unique Guide-Rite™ Fastener provides for fast and easy installation with pliers.
- Static Load Capacity: 25 lbs.

## Guide-Rite Conduit To Pedestal Support



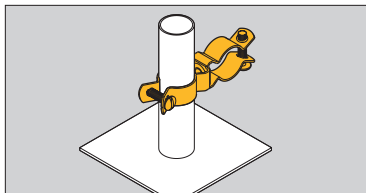
| UPC/Part Number | Catalog Number      | Conduit Size EMT/Rigid | Box Qty. |
|-----------------|---------------------|------------------------|----------|
| 78205125589     | <b>BG-8-12-G6*</b>  | 3/8"                   | 100      |
| 78101188538     | <b>BG-8-12-G812</b> | 1/2" or 3/4"           | 100      |
| 78101118620     | <b>BG-16-G-8-12</b> | 1"                     | 100      |
| 78205125594     | <b>BG-8-12-G20</b>  | 1 1/4"                 | 50       |
| 78205125595     | <b>BG-8-12-G24</b>  | 1 1/2"                 | 50       |
| 78205125597     | <b>BG-8-12-G32</b>  | 2"                     | 50       |

Patent #4958792

- \* BG-8-12-G6 will accept the following range  $\varnothing.420 - \varnothing.675$ :  
14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

*Read safety/installation instruction sheets in packages before use.*

# Conduit & cable



- Supports conduit from 1" O.D. computer floor pedestals.
- Also available in Type 304 Stainless Steel. Contact factory for details.
- Static Load Capacity: 25 lbs.
- Finish: Zinc-Plated.

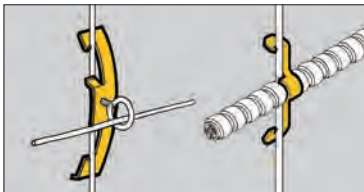
## Conduit To Pedestal Support



| UPC/Part Number | Catalog Number      | Trade Size | Conduit Size Rigid | EMT    | Box Qty. |
|-----------------|---------------------|------------|--------------------|--------|----------|
| 78205125599     | <b>BL1410-L1400</b> | 0          | 1/2"               | 1/2"   | 50       |
| 78205125601     | <b>BL1410-L1410</b> | 1          | 3/4"               | 3/4"   | 50       |
| 78205125602     | <b>BL1410-L1420</b> | 2          | 1"                 | 1"     | 50       |
| 78205125603     | <b>BL1410-L1425</b> | 2.5        | –                  | 1 1/4" | 50       |
| 78205125607     | <b>BL1410-L1430</b> | 3          | 1 1/4"             | 1 1/2" | 50       |
| 78205125612     | <b>BL1410-L1440</b> | 4          | 1 1/2"             | –      | 25       |
| 78205125614     | <b>BL1410-L1450</b> | 5          | 2"                 | 2"     | 25       |
| 78205125617     | <b>BL1410-L1460</b> | 6          | 2 1/2"             | 2 1/2" | 10       |
| 78205125618     | <b>BL1410-L1470</b> | 7          | 3"                 | 3"     | 10       |
| 78205125619     | <b>BL1410-L1480</b> | 8          | 3 1/2"             | 3 1/2" | 5        |

Read safety/installation instruction sheets in packages before use.



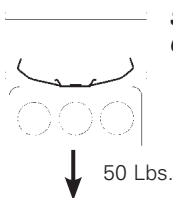


## Rod & Wire Fasteners



- BW2 and BW6 support #10-24 or 1/4"-20 threaded bridle rings and provide attachment for electrical boxes.
- BW2S & BW6S are provided with one each 1/4"-20 x 3/8" screw and hex nut.
- BW4 supports cables from #12 thru #8 wire.

| UPC/Part Number | Catalog Number | Drop Rod/<br>Wire Size                      | Flange Thickness | Box Qty. |
|-----------------|----------------|---|------------------|----------|
| 78101119700     | <b>BW2</b>     | #12 wire thru 1/4"<br>plain or threaded rod | 1/8" - 3/8"      | 100      |
| 78205140156     | <b>BW2S</b>    | #12 wire thru 1/4"<br>plain or threaded rod | 1/8" - 3/8"      | 100      |
| 78101195516     | <b>BW6</b>     | 3/8" plain or<br>threaded rod               | 3/8" - 7/16"     | 100      |
| 78205140157     | <b>BW6S</b>    | 3/8" plain or<br>threaded rod               | 3/8" - 7/16"     | 100      |



**Static Load Capacity**



| UPC/Part Number | Catalog Number | Description                 | Box Qty. |
|-----------------|----------------|-----------------------------|----------|
| 78101119705     | <b>BW4</b>     | Multi-size<br>Wire Fastener | 100      |



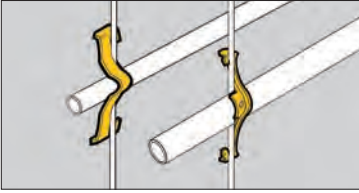
| MC/AC Cable Size | #12 Wire | #10 Wire | #8 & #9 Wire |
|------------------|----------|----------|--------------|
| 14/2 Cable       | BW4      | BW4      | BW4          |
| 14/3 Cable       | BW4      | BW4      | BW4          |
| 12/2 Cable       | BW4      | BW4      | BW4          |
| 12/3 Cable       | BW4      | BW-8     | BW-8         |

BW4 is designed for positioning only. No load rating.

Note: An independent means of support is required by NEC Article 300.11.

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



- See BX8 and BX18 for a better solution.
- Attaches conduit to wire rods or flanges.
- Can be used for flexible metallic tubing or armored cable.

## Rod & Wire Fasteners



BW-8



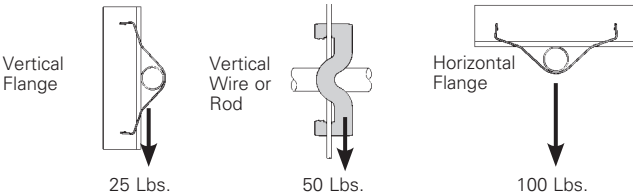
BW-16

| UPC/Part Number | Catalog Number | Box Qty. |
|-----------------|----------------|----------|
| 78101119710     | <b>BW-8</b>    | 100      |
| 78101119715     | <b>BW-12</b>   | 100      |
| 78101119720     | <b>BW-16</b>   | 100      |
| 78101119725     | <b>BW-20</b>   | 100      |

| Conduit Size | #10 & #12 Wire | #8 & #9 Wire | 3/16" & 1/4" Rod | 1/8" to 1/4" Flange | 5/16" to 3/8" Flange | 7/16" to 1/2" Flange |
|--------------|----------------|--------------|------------------|---------------------|----------------------|----------------------|
| 1/2" EMT     | BW-8           | BW-8         | BW-8             | BW-8                | BW-12                | BW-12                |
| 1/2" Rigid   | BW-8           | BW-12        | BW-12            | BW-12               | BW-12                | BW-16                |
| 3/4" EMT     | BW-12          | BW-12        | BW-12            | BW-12               | BW-16                | BW-16                |
| 3/4" Rigid   | BW-12          | BW-12        | BW-16            | BW-16               | BW-20*               | BW-20*               |
| 1" EMT       | —              | BW-16        | BW-16            | BW-16               | BW-20*               | BW-20*               |
| 1" Rigid     | —              | —            | —                | BW-20*              | BW-20*               | BW-20*               |
| 1 1/4" EMT   | —              | BW-20        | BW-20            | BW-20               | —                    | —                    |

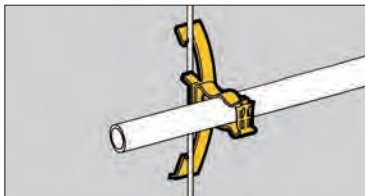
\*Note: For horizontal applications only.

### Static Load Capacity



Note: An independent means of support is required by NEC Article 300.11.

Read safety/installation instruction sheets in packages before use.



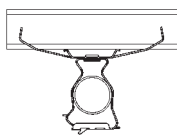
- Assemblies support 1/2", 3/4" and 1" conduit.
- W2 series attaches to 1/8" thru 3/8" flanges or #12 wire thru 1/4" plain or threaded rod.
- W6 series attaches to 3/8" thru 7/16" flanges or 3/8" plain or threaded rod.

## Guide-Rite™ Conduit To Rod Fasteners



| UPC/Part Number | Catalog Number    | Conduit Size EMT/Rigid | Box Qty. |
|-----------------|-------------------|------------------------|----------|
| 78101118540     | <b>BG-8-12-W2</b> | 1/2", 3/4"             | 100      |
| 78101118640     | <b>BG-16-W2</b>   | 1"                     | 100      |
| 78101195519     | <b>BG-8-12-W6</b> | 1/2", 3/4"             | 100      |
| 78101195520     | <b>BG-16-W6</b>   | 1"                     | 100      |

Patent #4958792



50 Lbs.

**Static Load Capacity**

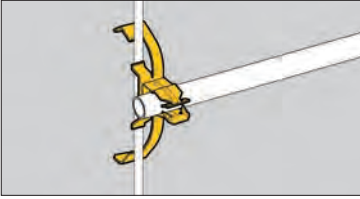


25 Lbs.

Note: An independent means of support is required by NEC Article 300.11.

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



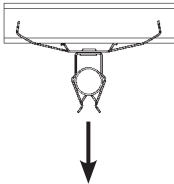
- Assemblies support ½", ¾" and 1" conduit.
- W2 series attaches to ⅛" thru ⅜" flanges or #12 wire thru ¼" plain or threaded rod.
- W6 series attaches to ⅜" thru ⅞" flanges or ⅜" plain or threaded rod.

## Push-Type Conduit To Rod Fasteners



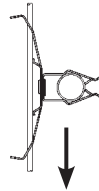
Conduit & Cable

| UPC/Part Number | Catalog Number  | Conduit Size            | Box Qty. |
|-----------------|-----------------|-------------------------|----------|
| 78101119325     | <b>BP-8-W2</b>  | ½" EMT                  | 100      |
| 78101119420     | <b>BP-12-W2</b> | ¾" EMT or ½" IMC. Rigid | 100      |
| 78101119505     | <b>BP-16-W2</b> | 1" EMT or ¾" IMC, Rigid | 100      |
| 78101195521     | <b>BP-8-W6</b>  | ½" EMT                  | 100      |
| 78101195522     | <b>BP-12-W6</b> | ¾" EMT or ½" IMC. Rigid | 100      |
| 78101195523     | <b>BP-16-W6</b> | 1" EMT or ¾" IMC, Rigid | 100      |



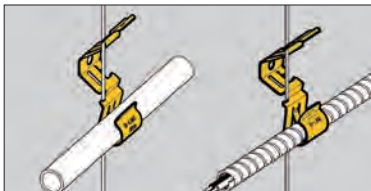
25 Lbs.

**Ultimate Static Load Capacity**



15 Lbs.

Note: An independent means of support is required by NEC Article 300.11.

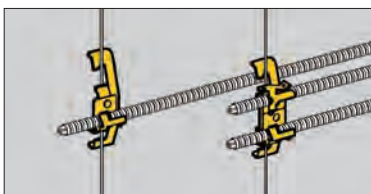


## Flex-Rite Cable/Conduit To Wire Fasteners



- Flex-Rite™ can be used in place of batwings.
- Will not bend or deform hanger wire.
- Attaches to #12 - #8 wire and 1/4" plain rod.
- Accommodates MC, AC, 3/8" FMC or 1/2" EMT.
- Cable can be installed before or after attachment to wire.
- Static Load Capacity:  
BX-8 - 20 Lbs.  
BX-18 - 30 Lbs.

| UPC/Part Number | Catalog Number | Cable/Conduit Size           | Box Qty. |
|-----------------|----------------|------------------------------|----------|
| 78101101402     | <b>BX-8</b>    | .375" to 706" O.D.           | 100      |
| 78101102943     | <b>BX-18</b>   | .706" to 1.380" O.D.         | 100      |
| 78101101685     | <b>BX-8B</b>   | Bulk Packed In Fiber Barrels | 4000     |



## Cable To Rod Fasteners



BX4-W2



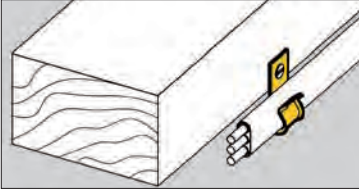
BX4M-W2

- Assemblies support MC, AC, sizes 14/2 through 10/3 or 3/8 FMC.
- W2 series attaches to 1/8" thru 3/8" flanges or #12 wire thru 1/4" plain or threaded rod.
- W6 series attaches to 3/8" thru 7/16" flanges or 3/8" plain or threaded rod.

| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78101101219     | <b>BX4-W2</b>  | Single Runs | 100      |
| 78101101189     | <b>BX4M-W2</b> | Double Runs | 100      |
| 78101195517     | <b>BX4-W6</b>  | Single Runs | 100      |
| 78101195518     | <b>BX4M-W6</b> | Double Runs | 100      |

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



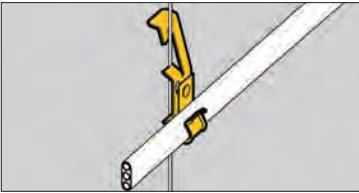
- Attaches Type NM cable to most structures.
- Supports cable sizes 14/2 and 12/2 with ground wire.
- May be used with other B-Line series fasteners for attachment to acoustical tees, beams, drop wires, etc.

## Cable Fasteners



| UPC/Part Number | Catalog Number | Description            | Box Qty. |
|-----------------|----------------|------------------------|----------|
| 78101103553     | <b>BRC3</b>    | Type NM Cable Fastener | 100      |

Conduit & Cable



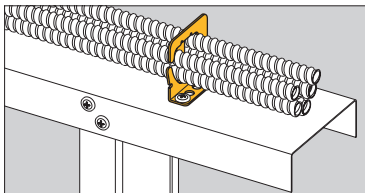
- Supports cable sizes 14/2 and 12/2 with ground wire.
- W2 series supports cable from #12 wire thru 1/4" plain or threaded rod.
- W6 series supports cable from 3/8" plain or threaded rod.

## Cable Fasteners



| UPC/Part Number | Catalog Number | Description                    | Box Qty. |
|-----------------|----------------|--------------------------------|----------|
| 78101103547     | <b>BRC3-W2</b> | Type NM Cable To Wire Fastener | 100      |
| 78101195524     | <b>BRC3-W6</b> | Type NM Cable To Wire Fastener | 100      |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*



## Multi-Run Cable Carrier for MC/AC Cable



BRC5-1



BRC5-2



BRC5-3

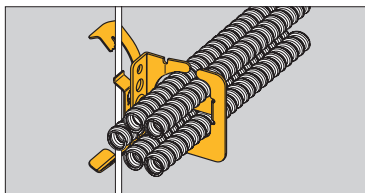


- Secures and supports multiple runs of MC/AC cable as required by the NEC.
- Effectively organizes cables and eliminates derating issues.
- Retention tab is open for easy loading and unloading and contains cables when bent in place.
- Compatible with new BCH-HBA for multi tier assemblies.
- Load Capacity: 50 lbs.
- Finish: Zinc Plated.

| UPC/Part Number | Catalog Number | Cable Diameter & Number Of Runs | Box Qty. |
|-----------------|----------------|---------------------------------|----------|
| 78205143593     | <b>BRC5-1</b>  | .430" to .560"<br>Up To 4 Runs  | 50       |
| 78205143594     | <b>BRC5-2</b>  | .430" to .560"<br>Up To 9 Runs  | 50       |
| 78205143595     | <b>BRC5-3</b>  | .560" to .690"<br>Up To 7 Runs  | 50       |

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



## Multi-Run Cable Carrier for MC/AC Cable

- Secures and supports multiple runs of MC/AC cable as required by the NEC.
- W2 Series attaches to 1/8" thru 3/8" flanges or #12 thru 1/4" plain or threaded rod.
- W6 Series attaches to 3/8" thru 7/16" flanges or 3/8" plain or threaded rod.
- Load Capacity: 50 lbs.
- Finish: Zinc Plated.

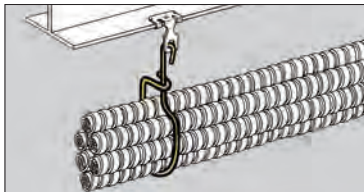


| UPC/Part Number | Catalog Number  | Cable Diameter & Number Of Runs | Box Qty. |
|-----------------|-----------------|---------------------------------|----------|
| 78205144075     | <b>BRC51-W2</b> | .430" to .560"<br>Up To 4 Runs  | 25       |
| 78205144076     | <b>BRC52-W2</b> | .430" to .560"<br>Up To 9 Runs  | 25       |
| 78205144077     | <b>BRC53-W2</b> | .560" to .690"<br>Up To 7 Runs  | 25       |
| 78205144078     | <b>BRC51-W6</b> | .430" to .560"<br>Up To 4 Runs  | 25       |
| 78205144079     | <b>BRC52-W6</b> | .430" to .560"<br>Up To 9 Runs  | 25       |
| 78205144080     | <b>BRC53-W6</b> | .560" to .690"<br>Up To 7 Runs  | 25       |

Note: An independent means of support is required by NEC Article 300.11.

*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*



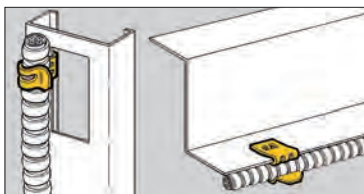


- Designed to support multiple runs of MC, AC, FMC or communication cable.
- Static Load Capacity: BX2 - 50 lbs. BX6 & BX24 - 75 Lbs.
- Finish: Zinc Plated.

## Flexible Cable Support



| UPC/Part Number | Catalog Number | Description              | Box Qty. |
|-----------------|----------------|--------------------------|----------|
| 78205104934     | <b>BX2</b>     | Usable Area = 2 sq. in.  | 100      |
| 78205119765     | <b>BX6</b>     | Usable Area = 4 sq. in.  | 100      |
| 78205119766     | <b>BX24</b>    | Usable Area = 13 sq. in. | 100      |



- Fastens flexible conduit and other small cables to beam flanges, bar joists or metal studs.
- Cable O.D. range of 0.42" to 0.70".
- Maximum flange thickness  $\frac{5}{32}$ ".

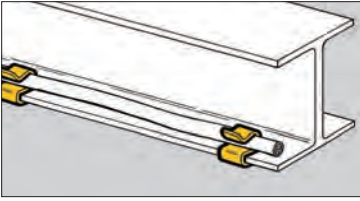
## Flexible Conduit/ Cable Fasteners



| UPC/Part Number | Catalog Number | Description               | Box Qty. |
|-----------------|----------------|---------------------------|----------|
| 78101119770     | <b>BX9</b>     | Flexible Conduit Fastener | 100      |

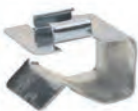
Read safety/installation instruction sheets in packages before use.

# Conduit & cable



- Secures cable along flanges 1/16" to 3/4"
- The BFA flange adapters attach BXS series to thicker flanges.
- BX\_-67 accepts 14/2, 12/2 & 10/2 romex with ground.
- BX\_-1011 accepts 14/2, 12/2 & 10/2 romex with ground.
- BX\_-1214 accepts 10/3, romex with ground.
- Finish: Zinc Plated.

## Flexible Conduit/ Cable Fasteners



BFA Series  
(For Use with  
BXS Series Only)



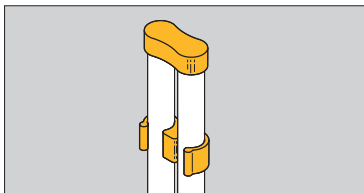
BXS  
Series



BXL  
Series

| UPC/Part Number | Catalog Number  | Flange Thickness | Cable Diameter | Box Qty. |
|-----------------|-----------------|------------------|----------------|----------|
| 78101119973     | <b>BXS-67</b>   | 1/16" - 5/32"    | .218 to .281   | 100      |
| 78101119974     | <b>BXS-89</b>   | 1/16" - 5/32"    | .290 to .375   | 100      |
| 78101119975     | <b>BXS-1011</b> | 1/16" - 5/32"    | .375 to .437   | 100      |
| 78101119976     | <b>BXS-1214</b> | 1/16" - 5/32"    | .444 to .560   | 100      |
| 78101119977     | <b>BXS-1519</b> | 1/16" - 5/32"    | .500 to .718   | 100      |
| 78101119978     | <b>BXS-2024</b> | 1/16" - 5/32"    | .748 to .945   | 100      |
| 78101119979     | <b>BXS-2530</b> | 1/16" - 5/32"    | .968 to 1.250  | 100      |
| 78101119980     | <b>BXM-67</b>   | 5/32" - 9/32"    | .218 to .281   | 100      |
| 78101119981     | <b>BXM-89</b>   | 5/32" - 9/32"    | .290 to .375   | 100      |
| 78101119982     | <b>BXM-1011</b> | 5/32" - 9/32"    | .375 to .437   | 100      |
| 78101119983     | <b>BXM-1214</b> | 5/32" - 9/32"    | .444 to .560   | 100      |
| 78101119984     | <b>BXM-1519</b> | 5/32" - 9/32"    | .500 to .718   | 100      |
| 78101119985     | <b>BXM-2024</b> | 5/32" - 9/32"    | .748 to .945   | 100      |
| 78101119986     | <b>BXM-2530</b> | 5/32" - 9/32"    | .968 to 1.250  | 100      |
| 78101119987     | <b>BXL-67</b>   | 5/16" - 1/2"     | .218 to .281   | 100      |
| 78101119988     | <b>BXL-89</b>   | 5/16" - 1/2"     | .290 to .375   | 100      |
| 78101119989     | <b>BXL-1011</b> | 5/16" - 1/2"     | .375 to .437   | 100      |
| 78101119990     | <b>BXL-1214</b> | 5/16" - 1/2"     | .444 to .560   | 100      |
| 78101119991     | <b>BXL-1519</b> | 5/16" - 1/2"     | .500 to .718   | 100      |
| 78101119992     | <b>BXL-2024</b> | 5/16" - 1/2"     | .748 to .945   | 100      |
| 78101119993     | <b>BXL-2530</b> | 5/16" - 1/2"     | .968 to 1.250  | 100      |
| 78101119955     | <b>BFA-1215</b> | 1/2" - 5/8"      | —              | 100      |
| 78101119956     | <b>BFA-1520</b> | 5/8" - 3/4"      | —              | 100      |

Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.



## Conduit Quick Caps & Spacers



BCS & BES  
8 & 8C thru 16  
& 16C



BCS 12AS & 16AS

BCS 18, 18C, 20, & 20C

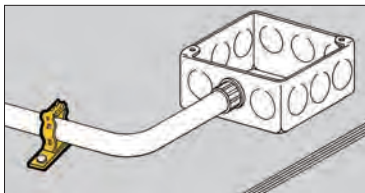
- Quick caps and spacers eliminate the time consuming method of duct taping conduit stubs.
- Quick spacers are designed to separate and secure conduit during concrete pours.
- Quick caps maintain spacing and keep conduit free from dirt and debris.
- Quick caps and spacers properly space conduit for any 4" square box.
- Available in EMT & Rigid conduit sizes.

| UPC/Part Number       | Catalog Number  | Conduit Size      | Box Qty. |
|-----------------------|-----------------|-------------------|----------|
| <b>Conduit Spacer</b> |                 |                   |          |
| 78205122356           | <b>BCS-8</b>    | ½" Rigid Conduit  | 50       |
| 78205140057           | <b>BES-8</b>    | ½" EMT Conduit    | 50       |
| 78205122357           | <b>BCS-12</b>   | ¾" Rigid Conduit  | 50       |
| 78205140058           | <b>BES-12</b>   | ¾" EMT Conduit    | 50       |
| 78205122358           | <b>BCS-16</b>   | 1" Rigid Conduit  | 50       |
| 78205140059           | <b>BES-16</b>   | 1" EMT Conduit    | 50       |
| 79903855806           | <b>BCS-18</b>   | 1½" Rigid Conduit | 25       |
| 79903855807           | <b>BCS-20</b>   | 2" Rigid Conduit  | 25       |
| <b>Conduit Cap</b>    |                 |                   |          |
| 78205122359           | <b>BCS-8C</b>   | ½" Rigid Conduit  | 50       |
| 78205140060           | <b>BES-8C</b>   | ½" EMT Conduit    | 50       |
| 78205122361           | <b>BCS-12C</b>  | ¾" Rigid Conduit  | 50       |
| 78205140061           | <b>BES-12C</b>  | ¾" EMT Conduit    | 50       |
| 78205122362           | <b>BCS-16C</b>  | 1" Rigid Conduit  | 50       |
| 78205140062           | <b>BES-16C</b>  | 1" EMT Conduit    | 50       |
| 79903855803           | <b>BCS-18C</b>  | 1½" Rigid Conduit | 25       |
| 79903855805           | <b>BCS-20C</b>  | 2" Rigid Conduit  | 25       |
| <b>Conduit Spacer</b> |                 |                   |          |
| 79903855808           | <b>BCS-12AS</b> | ¾" Rigid Conduit  | 50       |
| 79903855809           | <b>BCS-16AS</b> | 1" Rigid Conduit  | 25       |

Patent #5896892

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



- Helps eliminate the need for offset bends when used with 1 1/2" deep boxes.
- Attaches conduit to concrete, steel or wood with nails.
- May be attached after conduit positioning.

## Conduit Spacer Brackets



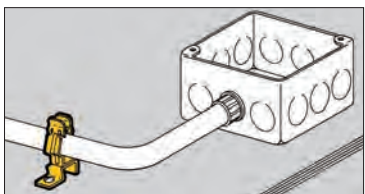
BG



BP

| UPC/Part Number                 | Catalog Number    | Conduit Size                   | Box Qty. |
|---------------------------------|-------------------|--------------------------------|----------|
| 78101118495<br>Patent # 4958792 | <b>BG-8-12-D3</b> | 1/2" or 3/4"                   | 100      |
| 78101119265                     | <b>BP-8-D3</b>    | 1/2" EMT                       | 100      |
| 78101118365                     | <b>BP-12-D3</b>   | 3/4" EMT or<br>1/2" IMC, Rigid | 100      |

Conduit & Cable



- Helps eliminate the need for offset bends when used with 2 1/8" deep boxes.
- Provides secure support between conduit and deck.
- D4 series is easily installed with screw gun or powder actuated tools.
- Allows for complete conduit layout prior to anchoring.

## Conduit Spacer Brackets



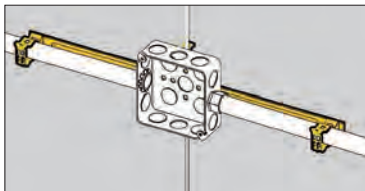
BG



BP

| UPC/Part Number                 | Catalog Number    | Conduit Size                   | Box Qty. |
|---------------------------------|-------------------|--------------------------------|----------|
| 78101118500<br>Patent # 4958792 | <b>BG-8-12-D4</b> | 1/2" or 3/4"                   | 100      |
| 78101119270                     | <b>BP-8-D4</b>    | 1/2" EMT                       | 100      |
| 78101119370                     | <b>BP-12-D4</b>   | 3/4" EMT or<br>1/2" IMC, Rigid | 100      |
| 78101119460                     | <b>BP-16-D4</b>   | 1" EMT or<br>3/4" IMC, Rigid   | 100      |

Read safety/installation instruction sheets in packages before use.



## Guide-Rite™ Conduit & Box Support Fasteners



- See Ruff-IN™ pages for pre-fab box assemblies.

- BMC3 plate supports multiple conduit runs.
- Riveted assembly provides support for electrical boxes and conduit runs on either side of the box.
- Helps reduce drop wires by up to 66% when using W2/W6 assemblies.
- Assemblies using BMC3 plate include center conduit clip. Additional conduit clips may be purchased separately.



BG\_\_S18



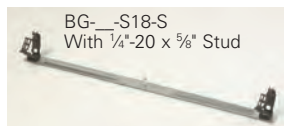
BG\_\_S18-MC3

| UPC/Part Number | Catalog Number   | Conduit Size EMT & Rigid | Box Qty. |
|-----------------|------------------|--------------------------|----------|
| 78101103575     | <b>BG6-S18 *</b> | 3/8"                     | 25       |
| 78101103573     | <b>BG812-S18</b> | 1/2" or 3/4"             | 25       |
| 78101103574     | <b>BG16-S18</b>  | 1"                       | 25       |

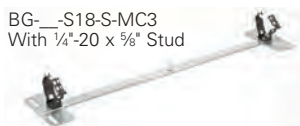
### With Multiple Conduit Plate

|             |                      |              |    |
|-------------|----------------------|--------------|----|
| 78205152812 | <b>BG6-S18-MC3 *</b> | 3/8"         | 25 |
| 78205152900 | <b>BG812-S18-MC3</b> | 1/2" or 3/4" | 25 |
| 78205152901 | <b>BG16-S18-MC3</b>  | 1"           | 25 |

Patent # 4958792



BG\_\_S18-S  
With 1/4"-20 x 5/8" Stud



BG\_\_S18-S-MC3  
With 1/4"-20 x 5/8" Stud

### With Stud

|             |                   |              |    |
|-------------|-------------------|--------------|----|
| 78205152902 | <b>BG6-S18S *</b> | 3/8"         | 25 |
| 78110104979 | <b>BG812-S18S</b> | 1/2" or 3/4" | 25 |
| 78205152903 | <b>BG16-S18S</b>  | 1"           | 25 |

### With Stud & Multiple Conduit Plate

|             |                       |              |    |
|-------------|-----------------------|--------------|----|
| 78205152904 | <b>BG6-S18S-MC3 *</b> | 3/8"         | 25 |
| 78205152905 | <b>BG812-S18S-MC3</b> | 1/2" or 3/4" | 25 |
| 78205152906 | <b>BG16-S18S-MC3</b>  | 1"           | 25 |

\* BG-6 will accept the following range  $\varnothing$ .420 -  $\varnothing$ .675:  
14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



BG\_-S18-W\_



BG\_-S18-W\_-MC3

| UPC/Part Number | Catalog Number | Conduit Size EMT & Rigid | Box Qty. |
|-----------------|----------------|--------------------------|----------|
|-----------------|----------------|--------------------------|----------|

## W2 Series for #12 thru 1/4" Rod \*\*

|             |                     |              |    |
|-------------|---------------------|--------------|----|
| 78101103578 | <b>BG6-S18-W2 *</b> | 3/8"         | 25 |
| 78101103577 | <b>BG812-S18-W2</b> | 1/2" or 3/4" | 25 |
| 78101103577 | <b>BG16-S18-W2</b>  | 1"           | 25 |

## W2 Series for #12 thru 1/4" Rod & Multiple Conduit Plate \*\*

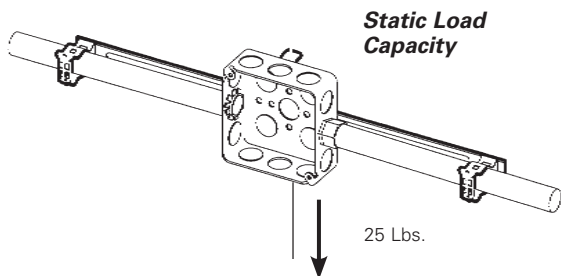
|             |                         |              |    |
|-------------|-------------------------|--------------|----|
| 78205152855 | <b>BG6-S18-W2-MC3 *</b> | 3/8"         | 25 |
| 78205152739 | <b>BG812-S18-W2-MC3</b> | 1/2" or 3/4" | 25 |
| 78205152862 | <b>BG16-S18-W2-MC3</b>  | 1"           | 25 |

## W6 Series for 3/8" Plain or Threaded Rod \*\*

|             |                     |              |    |
|-------------|---------------------|--------------|----|
| 78110199581 | <b>BG6-S18-W6 *</b> | 3/8"         | 25 |
| 78110199582 | <b>BG812-S18-W6</b> | 1/2" or 3/4" | 25 |
| 78110199580 | <b>BG16-S18-W6</b>  | 1"           | 25 |

## W6 Series for 3/8" Plain or Threaded Rod & Multiple Conduit Plate \*\*

|             |                         |              |    |
|-------------|-------------------------|--------------|----|
| 78205152856 | <b>BG6-S18-W6-MC3 *</b> | 3/8"         | 25 |
| 78205152860 | <b>BG812-S18-W6-MC3</b> | 1/2" or 3/4" | 25 |
| 78205152864 | <b>BG16-S18-W6-MC3</b>  | 1"           | 25 |

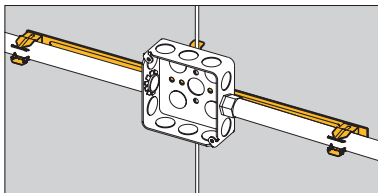


\* BG-6 will accept the following range  $\varnothing.420 - \varnothing.675$ :  
14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

\*\* Note:

An independent means of support is required by NEC Article 300.11.

Read safety/installation instruction sheets in packages before use.



## Push-Type Conduit & Box Support Fasteners

- See the Ruff-IN™ brochure for pre-fab box assemblies.

- New BMC3 plate is available to support multiple conduit runs.
- Riveted assembly provides support for electrical boxes and conduit runs on either side of the box.
- Reduces drop wires by up to 66% when using W2/W6 assemblies.
- Assemblies using BMC3 plate include center conduit clip. Additional conduit clips may be purchased separately.



BP\_\_-S18



BP\_\_-S18-MC3

| UPC/Part Number | Catalog Number  | Conduit Size E(EMT) R(Rigid) | Box Qty. |
|-----------------|-----------------|------------------------------|----------|
| 78205123604     | <b>BP8-S18</b>  | 1/2" E                       | 25       |
| 78205123605     | <b>BP12-S18</b> | 3/4" E or 1/2" R             | 25       |
| 78205123606     | <b>BP16-S18</b> | 1"E, 3/4" R                  | 25       |

### With Multiple Conduit Plate

|             |                     |                  |    |
|-------------|---------------------|------------------|----|
| 78205152907 | <b>BP8-S18-MC3</b>  | 1/2" E           | 25 |
| 78205152908 | <b>BP12-S18-MC3</b> | 3/4" E or 1/2" R | 25 |
| 78205152909 | <b>BP16-S18-MC3</b> | 1"E, 3/4" R      | 25 |



BP\_\_-S18-S  
With 1/4"-20 x 5/8"  
Stud



BP\_\_-S18-S-MC3  
With 1/4"-20 x 5/8"  
Stud

### With Stud

|             |                  |                  |    |
|-------------|------------------|------------------|----|
| 78205123631 | <b>BP8-S18S</b>  | 1/2" E           | 25 |
| 78205123633 | <b>BP12-S18S</b> | 3/4" E or 1/2" R | 25 |
| 78205123634 | <b>BP16-S18S</b> | 1"E, 3/4" R      | 25 |

### With Stud & Multiple Conduit Plate

|             |                      |                  |    |
|-------------|----------------------|------------------|----|
| 78205152913 | <b>BP8-S18S-MC3</b>  | 1/2" E           | 25 |
| 78205152914 | <b>BP12-S18S-MC3</b> | 3/4" E or 1/2" R | 25 |
| 78205152915 | <b>BP16-S18S-MC3</b> | 1"E, 3/4" R      | 25 |

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



BG\_\_S18-W\_



BG\_\_S18-W\_MC3

| UPC/Part Number | Catalog Number | Conduit Size<br>E(EMT) R(Rigid) | Box Qty. |
|-----------------|----------------|---------------------------------|----------|
|-----------------|----------------|---------------------------------|----------|

## W2 Series for #12 thru 1/4" Rod \*\*

|             |                    |                  |    |
|-------------|--------------------|------------------|----|
| 78205123615 | <b>BP8-S18-W2</b>  | 1/2" EMT         | 25 |
| 78205123619 | <b>BP12-S18-W2</b> | 3/4" E or 1/2" R | 25 |
| 78205123627 | <b>BP16-S18-W2</b> | 1"E, 3/4" R      | 25 |

## W2 Series for #12 thru 1/4" Rod & Multiple Conduit Plate \*\*

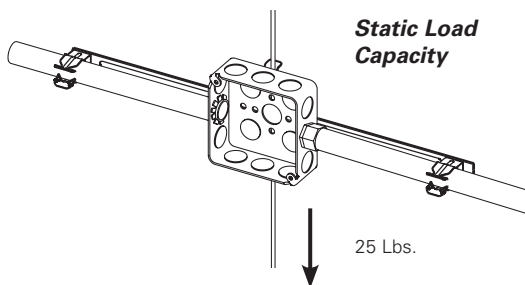
|             |                        |                  |    |
|-------------|------------------------|------------------|----|
| 78205152847 | <b>BP8-S18-W2-MC3</b>  | 1/2" EMT         | 25 |
| 78205152848 | <b>BP12-S18-W2-MC3</b> | 3/4" E or 1/2" R | 25 |
| 78205152849 | <b>BP16-S18-W2-MC3</b> | 1"E, 3/4" R      | 25 |

## W6 Series for 3/8" Plain or Threaded Rod \*\*

|             |                    |                  |    |
|-------------|--------------------|------------------|----|
| 78205123628 | <b>BP8-S18-W6</b>  | 1/2" EMT         | 25 |
| 78205123629 | <b>BP12-S18-W6</b> | 3/4" E or 1/2" R | 25 |
| 78205123630 | <b>BP16-S18-W6</b> | 1"E, 3/4" R      | 25 |

## W6 Series for 3/8" Plain or Threaded Rod & Multiple Conduit Plate \*\*

|             |                        |                  |    |
|-------------|------------------------|------------------|----|
| 78205152850 | <b>BP8-S18-W6-MC3</b>  | 1/2" EMT         | 25 |
| 78205152851 | <b>BP12-S18-W6-MC3</b> | 3/4" E or 1/2" R | 25 |
| 78205152854 | <b>BP16-S18-W6-MC3</b> | 1"E, 3/4" R      | 25 |

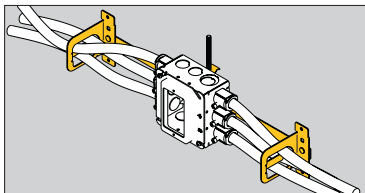


\*\* Note:

An independent means of support is required by NEC Article 300.11.

Read safety/installation instruction sheets in packages before use.





## Multi-Run Cable Carrier & Box Support Fasteners



BRC5\_-S18

- Riveted assembly provides support for electrical boxes and cable runs on either side of the box.
- Reduces drop wires by up to 66% when using W2/W6 assemblies.
- Cable retention tab is open for easy loading and contains the cables when bent in place.
- Consult factory for pre-fab box assemblies.

| UPC/Part Number | Catalog Number   | Conduit Size                  | Box Qty. |
|-----------------|------------------|-------------------------------|----------|
| 78205152916     | <b>BRC51-S18</b> | Up to 4 runs<br>.430" - .560" | 25       |
| 78205152918     | <b>BRC53-S18</b> | Up to 7 runs<br>.560" - .690" | 25       |



BRC5\_-S18-S  
With 1/4"-20 x 5/8" Stud

| UPC/Part Number | Catalog Number    | Conduit Size                  | Box Qty. |
|-----------------|-------------------|-------------------------------|----------|
| 78205152919     | <b>BRC51-S18S</b> | Up to 4 runs<br>.430" - .560" | 25       |
| 78205152921     | <b>BRC53-S18S</b> | Up to 7 runs<br>.560" - .690" | 25       |

### With Stud

Read safety/installation instruction sheets in packages before use.

# Conduit & cable



BRC5\_-S18-W\_

| UPC/Part Number | Catalog Number | Conduit Size | Box Qty. |
|-----------------|----------------|--------------|----------|
|-----------------|----------------|--------------|----------|

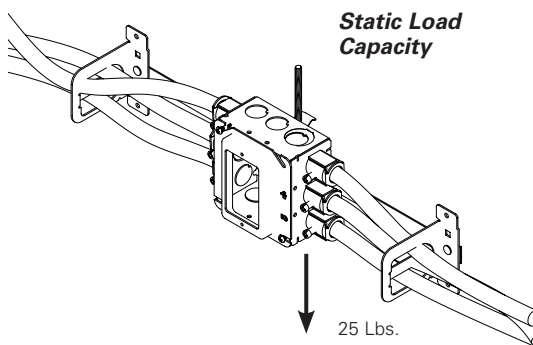
**W2 Series for #12 thru 1/4" Rod \*\***

|             |                     |                               |    |
|-------------|---------------------|-------------------------------|----|
| 78205152865 | <b>BRC51-S18-W2</b> | Up to 4 runs<br>.430" - .560" | 25 |
| 78205152869 | <b>BRC53-S18-W2</b> | Up to 7 runs<br>.560" - .690" | 25 |

| UPC/Part Number | Catalog Number | Conduit Size | Box Qty. |
|-----------------|----------------|--------------|----------|
|-----------------|----------------|--------------|----------|

**W6 Series for 3/8" Plain or Threaded Rod \*\***

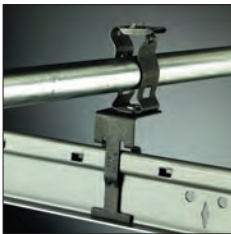
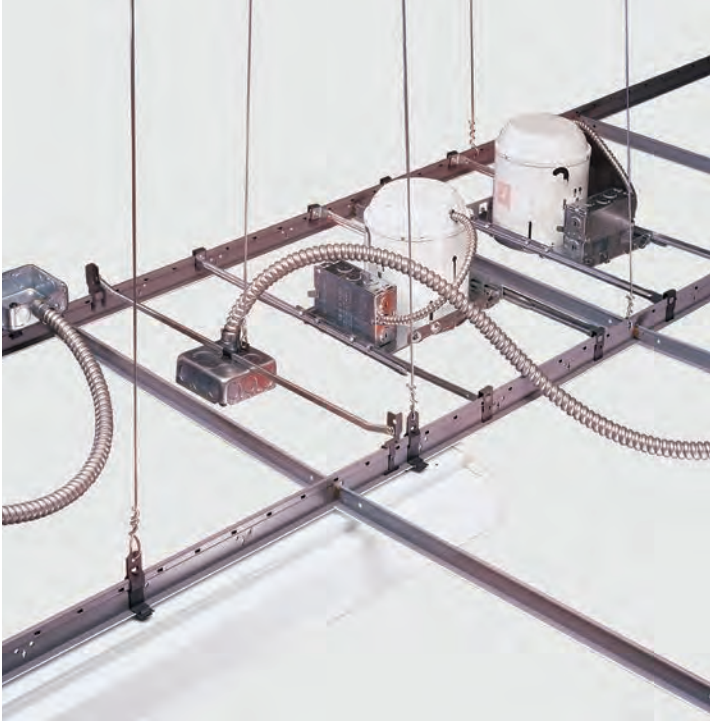
|             |                     |                               |    |
|-------------|---------------------|-------------------------------|----|
| 78205152866 | <b>BRC51-S18-W6</b> | Up to 4 runs<br>.430" - .560" | 25 |
| 78205152870 | <b>BRC53-S18-W6</b> | Up to 7 runs<br>.560" - .690" | 25 |



\*\* Note:  
An independent means of support is required by NEC Article 300.11.

Read safety/installation instruction sheets in packages before use.

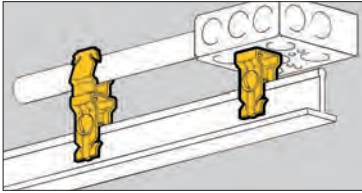
# Acoustical tee



Acoustical Tee

*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*

# Acoustical tee

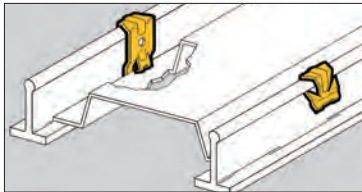


## T-Bar Support Fasteners



- Attaches to top of acoustical T-Bar with 1/4"-20 screw.
- Has 1/4"-20 thread impression for attachment to box or conduit fastener.
- **WARNING** Do not use for hanging acoustical tee.

| UPC/Part Number | Catalog Number | Description        | Box Qty. |
|-----------------|----------------|--------------------|----------|
| 78101118090     | <b>BA14</b>    | T-Bar Support Clip | 100      |



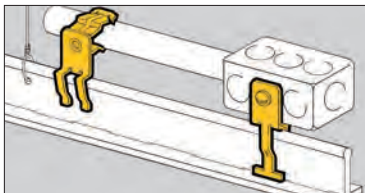
## Troffer Fasteners



- Gives positive support for troffers and lay-in fixtures.
- Complies with NEC Article 410.16(C) for fixtures supported by suspended ceilings.
- Fits rectangular or round head T-Bars.
- Commonly known as "Hurricane Clip".

| UPC/Part Number | Catalog Number | Description                                      | Box Qty. |
|-----------------|----------------|--|----------|
| 78101118095     | <b>BA15</b>    | For Straight Lip or Upturned Lip Fixtures        | 100      |
| 78205118209     | <b>BA15W</b>   | White, For Straight Lip or Upturned Lip Fixtures | 100      |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



## Side Mount T-Bar Fasteners

- A positive method for supporting vertical boxes, conduit or cable above T-Bar.
- Allows conduit to clear drop wires.
- **WARNING** Do not use for hanging acoustical tee.



BA5-4T

| UPC/Part Number | Catalog Number | Description                    | Box Qty. |
|-----------------|----------------|--------------------------------|----------|
| 78101118095     | <b>BA5-4T</b>  | With 1/4"-20 Thread Impression | 100      |

BG Series



BP Series



| UPC/Part Number | Catalog Number    | Conduit Size | Box Qty. |
|-----------------|-------------------|--------------|----------|
| 78101118410     | <b>BG-6-A5 *</b>  | 3/8"         | 100      |
| 78101118465     | <b>BG-8-12-A5</b> | 1/2", 3/4"   | 100      |
| 78101118545     | <b>BG-16-A5</b>   | 1"           | 100      |

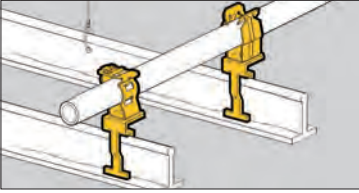
Patent #4958792

|             |                 |                             |     |
|-------------|-----------------|-----------------------------|-----|
| 78101119235 | <b>BP-8-A5</b>  | 1/2" EMT                    | 100 |
| 78101119335 | <b>BP-12-A5</b> | 3/4" EMT<br>1/2" IMC, Rigid | 100 |
| 78101118545 | <b>BP-16-A5</b> | 1"EMT<br>3/4" IMC, Rigid    | 100 |

\* BG-6 will accept the following range  $\varnothing.420 - \varnothing.675$ : 14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.

# Acoustical tee



- A positive method for supporting horizontal boxes or conduit above T-Bar.
- Allows conduit to clear drop wires.
- **WARNING** Do not use for hanging acoustical tee.

## Top Mount T-Bar Fasteners



| UPC/Part Number | Catalog Number | Description                    | Box Qty. |
|-----------------|----------------|--------------------------------|----------|
| 78101118125     | <b>BA6-4T</b>  | With 1/4"-20 Thread Impression | 100      |

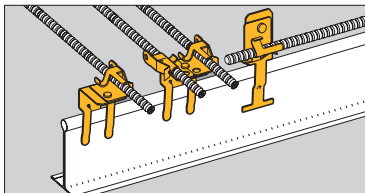
Acoustical Tee



| UPC/Part Number | Catalog Number    | Conduit Size                | Box Qty. |
|-----------------|-------------------|-----------------------------|----------|
| 781011188540    | <b>BG-6-A6 *</b>  | 3/8"                        | 100      |
| 78101118470     | <b>BG-8-12-A6</b> | 1/2", 3/4"                  | 100      |
| 78101118550     | <b>BG-16-A6</b>   | 1"                          | 100      |
| Patent #4958792 |                   |                             |          |
| 78101119240     | <b>BP-8-A6</b>    | 1/2" EMT                    | 100      |
| 78101119340     | <b>BP-12-A6</b>   | 3/4" EMT<br>1/2" IMC, Rigid | 100      |
| 78101119435     | <b>BP-16-A6</b>   | 1"EMT<br>3/4" IMC, Rigid    | 100      |

\* BG-6 will accept the following range  $\varnothing.420 - \varnothing.675$ : 14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*



- A positive method for supporting cable or flexible conduit above T-Bar.
- Assemblies support MC, AC, sizes 14/2 through 10/3 or 3/8" FMC.

## Top Mount T-Bar Fasteners



BX4-A6



BX4M-A6

| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78101101220     | <b>BX4-A6</b>  | Single Runs | 100      |
| 78101101216     | <b>BX4M-A6</b> | Double Runs | 100      |

Note: Fasteners will rotate 360°.



BX4-A5



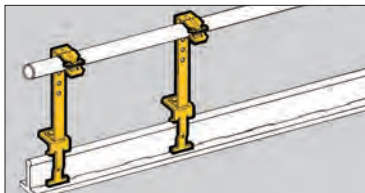
BX4M-A5

| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78101101187     | <b>BX4-A5</b>  | Single Runs | 100      |
| 78101101211     | <b>BX4M-A5</b> | Double Runs | 100      |

Note: Fasteners will rotate 360°.

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Acoustical tee



- Supports conduit and electrical boxes above T-Bar.
- Height adjusts from 4¼" to 7¼".
- Conduit fasteners can be attached at ¾" increments.
- BX4M-A28 supports cable or FMC above T-Bar.

## Support Fasteners



BA28

BX4M-A28

| UPC/Part Number | Catalog Number  | Description  | Box Qty. |
|-----------------|-----------------|--|----------|
| 78101118115     | <b>BA28</b>     | ½" Holes Allow for Adjustment Between 4¼" and 7¼" at ¾" Increments | 50       |
| 78101101211     | <b>BX4M-A28</b> | Double Runs MC, AC, or FMC   | 25       |



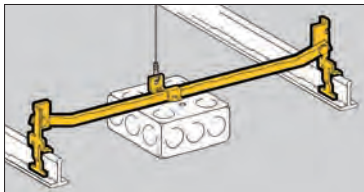
BP-12-A28

| UPC/Part Number | Catalog Number   | Conduit Size            | Box Qty. |
|-----------------|------------------|-------------------------|----------|
| 78101119230     | <b>BP-8-A28</b>  | ½" EMT                  | 100      |
| 78101119330     | <b>BP-12-A28</b> | ¾" EMT<br>½" IMC, Rigid | 100      |
| 78101119425     | <b>BP-16-A28</b> | 1" EMT<br>¾" IMC, Rigid | 100      |

Note: Adjustable BP Conduit Fastener is attached with screw in 7¼" top hole position.

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*





## Electrical Box T-Bar Fasteners



BA12-20



- See BA50 for a stronger, more cost effective solution.
- Supports octagonal or square boxes.
- Allows for flush mounting or  $\frac{3}{4}$ " offset for plaster ring.
- One BB27 box mounting clip with screw included with each hanger.
- Load Capacity: 20 lbs.
- For additional support, attach dropwire to BB27 box mounting clip.
- **WARNING** Do not use for hanging acoustical tee.

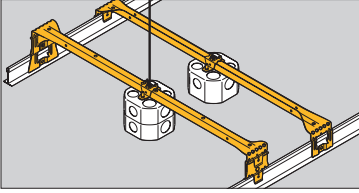
| UPC/Part Number | Catalog Number | Description            | Box Qty. |
|-----------------|----------------|------------------------|----------|
| 78101118080     | <b>BA12</b>    | Box Hanger<br>24" Span | 50       |
| 78101118082     | <b>BA12-12</b> | Box Hanger<br>12" Span | 50       |
| 78101118085     | <b>BA12-20</b> | Box Hanger<br>20" Span | 50       |
| 78101118087     | <b>BA12-30</b> | Box Hanger<br>30" Span | 50       |



| UPC/Part Number | Catalog Number   | Description  | Box Qty. |
|-----------------|--|--|----------|
| 78101118170     | <b>BB27</b>  | Box Mounting<br>Clip (with Screw)  | 100      |
| 78101101673     | <b>SRHMS <math>\frac{1}{4}</math> x <math>\frac{3}{8}</math></b> | $\frac{1}{4}$ "-20 x $\frac{3}{8}$ "<br>Slotted Round<br>Head Machine<br>Screw | 50       |

Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.

# Acoustical tee



## Heavy Duty Electrical Box Hanger



BA50 &  
BA50CAN



BA50D &  
BA50DCAN



BA50E



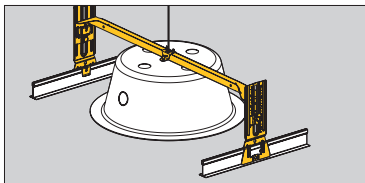
BA50C3T & BA50C4T

- Supports octagonal or square boxes on 24" span.
- Bendable ends mount 1½" or 2⅛" deep boxes without tools.
- Self-centering feature positions box on center.
- Includes BA50C4T Box Mounting Clip.
- Ultimate Static Load Capacity: 50 Lbs. (without dedicated dropwire)
- Static Load Capacity: 70 Lbs. (with dedicated dropwire) 35 Lbs. Canada
- Finish: Pre-Galvanized
- Consult factory for pre-fab box assemblies.
- Not for use with fans. See BA50F.

| UPC/Part Number | Catalog Number    | Description                         | Box Qty. |
|-----------------|-------------------|-------------------------------------|----------|
| 78101196490     | <b>BA50</b>       | Box Hanger                          | 25       |
| 78205135905     | <b>BA50CAN *</b>  | Box Hanger                          | 25       |
| 78101196491     | <b>BA50D</b>      | Box Hanger for Box w/ 1½" Extension | 25       |
| 78205135906     | <b>BA50DCAN *</b> | Box Hanger for Box w/ 1½" Extension | 25       |
| 78205136570     | <b>BA50C4T</b>    | Box Mounting Clip with Hardware     | 25       |
| 78205136571     | <b>BA50C3T *</b>  | Box Mounting Clip with Hardware     | 25       |
| 78101196489     | <b>BA50E</b>      | Extender Brackets with Hardware     | 10 pair  |

\* Canada Only

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



- Adjustable box support for suspended ceilings.
- Accommodates heights up to 8¾".
- Integral ruler enables height adjustments without measuring.

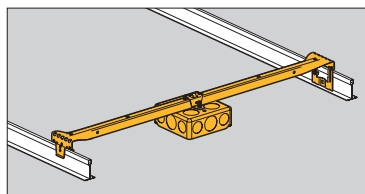
## Adjustable Box Support



- Ideal for installation of speaker cases, emergency light fixtures, etc. in suspended ceilings.
- Static Load Capacity: 25 Lbs. without dedicated dropwire 70 Lbs. with dedicated dropwire 35 Lbs. (Canada) with dedicated dropwire
- Consult factory for pre-fab box assemblies.



| UPC/Part Number | Catalog Number | Description                 | Box Qty. |
|-----------------|----------------|-----------------------------|----------|
| 78205118460     | <b>BA50A</b>   | Adjustable Box Hanger T-Bar | 10       |



- Pre-assembled T-Bar fasteners speed installation.
- Boxes have ½" and ¾" knockouts.
- Loading not to exceed 50 lbs. in U.S.A. without independent support. 35 Lbs. in Canada
- 24" span

## Electrical Box T-Bar Fasteners



BA50-OB

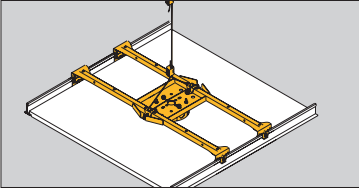


BA50-SB

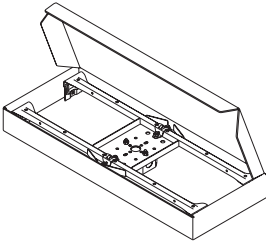
| UPC/Part Number | Catalog Number    | Description                    | Box Qty. |
|-----------------|-------------------|--------------------------------|----------|
| 78205124855     | <b>BA50-OB-24</b> | 1½" Deep Box to T-Bar Fastener | 10       |
| 78205124856     | <b>BA50-OB-34</b> | 2⅛" Deep Box to T-Bar Fastener | 10       |
| 78205124857     | <b>BA50-SB-24</b> | 1½" Deep Box to T-Bar Fastener | 10       |
| 78205150954     | <b>BA50-SB-34</b> | 2⅛" Deep Box to T-Bar Fastener | 10       |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.

# Acoustical tee



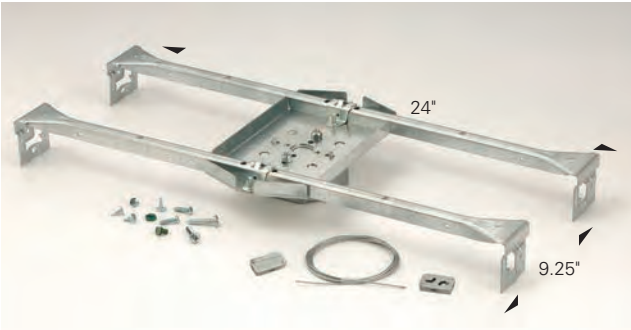
## RediMount Fan Hanger



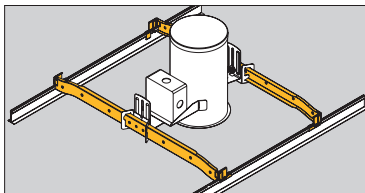
- Redi-mount™ features pre-assembled fan/fixture hanger installs on T-Bar in less than 30 seconds.
- Positions and secures fans and fixtures in suspended ceilings.
- Includes KwikWire™ cable and clamps which attach to mounting clips for easy installation.
- Recommended for use in seismic areas.
- UL Listed for fan support up to 70 lbs. or fixture support up to 90 lbs. 35 Lbs. Canada
- Finish: Pre-Galvanized.



| UPC/Part Number | Catalog Number | Description   | Box Qty. |
|-----------------|----------------|---|----------|
| 78101196492     | BA50F          | Fan/Fixture Hanger Includes 4" x 1½" Deep Octagon Box | 1        |



Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



## QuikFix Fastening System

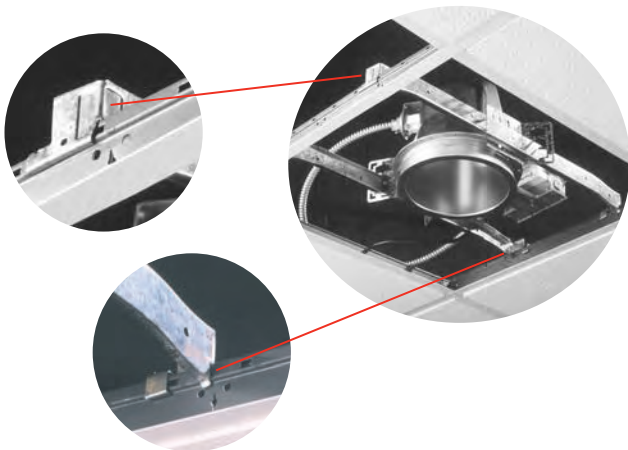


- New QuikFix™ Fastening System mounts spec grade downlights 50% faster than "wire bound" installation methods.
- QuikFix System is pre-sized for 24" spacing.
- No tools required.
- Recommended for use in seismic areas.
- UL listed for fixture support up to 50 lbs.

| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78205199873     | BA40           | Fixture Bar | 20 pair  |

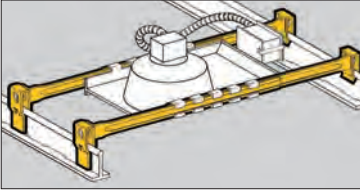
Patent # 6286265

- Innovative design features offset bar hangers with integral locking tabs that secure downlights to T-Bar and prevent lifting or sliding.



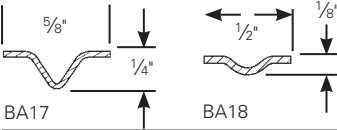
*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Acoustical tee



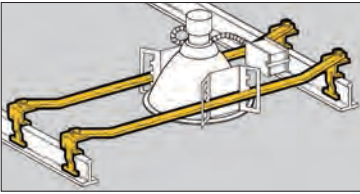
- Adjustable span from 20" to 30".
- Fits horizontal and vertical flanges.
- Fixture position is adjustable.
- No center clips or tools required.
- One set completes one fixture installation (four bars per set).

## Light Fixture T-Bar Fasteners



| UPC/Part Number | Catalog Number              | "High Hat" Fixtures   | Box Qty. |
|-----------------|-----------------------------|---|----------|
| 78101118100     | <b>BA17</b><br>(Wide Bar)   | CAPRI <sup>†</sup> R-9X, R-10C<br>CAPRI <sup>†</sup> R-10X<br>CAPRI <sup>†</sup> PR-751CX<br>HALO <sup>®†</sup> H7, HALO <sup>®†</sup> H17<br>JUNO <sup>®†</sup> AP, APT<br>JUNO <sup>®†</sup> IC, ICT, J, SC, TC<br>THOMAS <sup>®†</sup> RI-IC | 10 sets  |
| 78101118105     | <b>BA18</b><br>(Narrow Bar) | CAPRI <sup>†</sup> HSG<br>LIGHTOLIER <sup>®†</sup> 711  | 10 sets  |

Acoustical Tee



- Fixture position is adjustable within the span of the hanger.
- Fixed span of 24 inches for T-Bar applications.
- Requires only a screwdriver to install.
- One set completes one fixture installation (four bars per set).

## Light Fixture T-Bar Fasteners



| UPC/Part Number | Catalog Number            | "High Hat" Fixtures  | Box Qty. |
|-----------------|---------------------------|--|----------|
| 78101118110     | <b>BA20</b><br>(Wide Bar) | Fits LIGHTOLIER <sup>®†</sup><br>CALCULITE <sup>®†</sup><br>Fixtures | 10 sets  |

† All other trademarks are property of their respective owners.

Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.



- Allows for independent suspension of fixtures.
- Fits most acoustical T-Bars.
- BA-4-WN wing nut included with all 1/4"-20 suspension hangers.
- Static Load Capacity: 65 Lbs.

## Suspension Fasteners



BA1                      BA1-T                      BA1-T-BN



| UPC/Part Number | Catalog Number  | T-Bar Size | Stud Size                      | Box Qty. |
|-----------------|-----------------|------------|--------------------------------|----------|
| 78101118065     | <b>BA1</b>      | 15/16"     | 1/4"-20 x 5/8"                 | 100      |
| 78101118070     | <b>BA1-24</b>   | 15/16"     | 1/4"-20 x 1 1/2"               | 100      |
| 78101118075     | <b>BA1-32</b>   | 15/16"     | 1/4"-20 x 2"                   | 100      |
| 78101102891     | <b>BA1-T</b>    | 15/16"     | #8-32 x 5/8"<br>with Pal Nut   | 100      |
| 78101102897     | <b>BA1-T-BN</b> | 15/16"     | #8-32 x 5/8"<br>with Brass Nut | 100      |



BA1-9

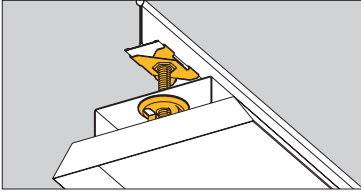
BA1-95



| UPC/Part Number | Catalog Number | T-Bar Size | Stud Size      | Box Qty. |
|-----------------|----------------|------------|----------------|----------|
| 78205125585     | <b>BA1-9</b>   | 9/16"      | 1/4"-20 x 5/8" | 100      |
| 78205125587     | <b>BA1-95</b>  | 9/16"      | 1/4"-20 x 5/8" | 100      |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Acoustical tee

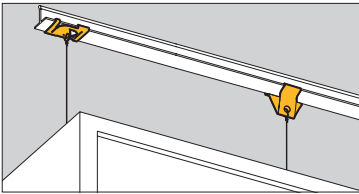


- Supports electrical fixtures from standard  $1\frac{5}{16}$ " T-Bars.
- BA-4-WN wing nut included.
- $\frac{1}{4}$ "-20 stud available in varying lengths.
- Static Load Capacity: 50 Lbs.

## T-Bar Scissor Fasteners



| UPC/Part Number | Catalog Number     | Stud Length      | Box Qty. |
|-----------------|--------------------|------------------|----------|
| 78101104258     | <b>BAX-4-16</b>    | $\frac{5}{8}$ "  | 100      |
| 78101104262     | <b>BAX-4-16-24</b> | $1\frac{1}{2}$ " | 100      |
| 78101104263     | <b>BAX-4-16-32</b> | 2"               | 100      |
| 78101104264     | <b>BAX-4-16-48</b> | 3"               | 100      |



- BA-4-16-H supports signs from  $1\frac{5}{16}$ " T-Bar.
- BA-4-16-H1 supports signs from  $\frac{9}{16}$ " or  $1\frac{5}{16}$ " T-Bar.
- Static Load Capacity: 40 Lbs.

## Sign Hangers



BA-4-16-H

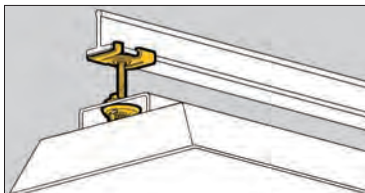


BA-4-16-H1

| UPC/Part Number | Catalog Number    | Stud Length                         | Box Qty. |
|-----------------|-------------------|-------------------------------------|----------|
| 78101118040     | <b>BA-4-16-H</b>  | Sign Hanger with White Finish       | 100      |
| 78101104449     | <b>BA-4-16-H1</b> | Sign Hanger with Zinc Plated Finish | 100      |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.





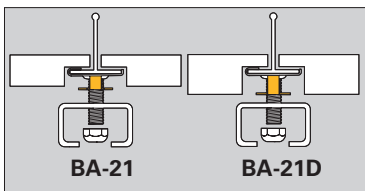
## 15/16" Twist Fasteners



BA-4-WN

- Supports electrical fixtures from 15/16" T-Bar.
- 1/4"-20 stud available in varying lengths.
- Includes BA-4-WN wing nut with impression.
- Static Load Capacity:  
BA4-16 Series = 50 lbs.  
BA4-WN Series = 100 lbs.

| UPC/Part Number | Catalog Number    | Finish | Stud Length | Box Qty. |
|-----------------|-------------------|--------|-------------|----------|
| 78101118020     | <b>BA-4-16</b>    | Black  | 5/8"        | 100      |
| 78101118055     | <b>BA-4-16-W</b>  | White  | 5/8"        | 100      |
| 78101118025     | <b>BA-4-16-24</b> | White  | 1 1/2"      | 100      |
| 78101118030     | <b>BA-4-16-32</b> | White  | 2"          | 100      |
| 78101118035     | <b>BA-4-16-48</b> | White  | 3"          | 100      |
| 78101118060     | <b>BA-4-WN</b>    | Black  |             | 100      |



BA-21

BA-21D

## T-Bar Spacers



BA-21



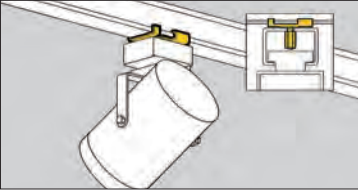
BA-21D

- T-Bar spacer provides flush mounting surface for tegular tile installations.
- Spacer must be used in combination with our BA-4-16 or BA-2-16 series fasteners.
- Finish: Zinc Plated

| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78101195575     | <b>BA-21</b>   | 1/4" Spacer | 100      |
| 78101199567     | <b>BA-21D</b>  | 3/8" Spacer | 100      |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.

# Acoustical tee



- Supports electrical fixtures from 1<sup>5</sup>/<sub>16</sub>" T-Bar.
- #8-32 stud available in varying lengths.
- Static Load Capacity: 25 Lbs.

## 1<sup>5</sup>/<sub>16</sub>" Twist Fasteners

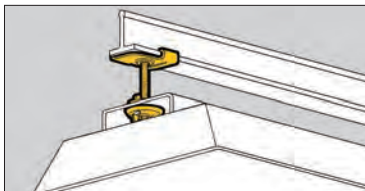


| UPC/Part Number | Catalog Number     | Finish             | Stud Length | Box Qty. |
|-----------------|--------------------|--------------------|-------------|----------|
| 78101118000     | <b>BA-2-16</b>     | Black with Pal Nut | 5/8"        | 100      |
| 78101104259     | <b>BA-2-16-7</b>   | Black with Pal Nut | 7/16"       | 100      |
| 78101118010     | <b>BA-2-16-W</b>   | White with Pal Nut | 5/8"        | 100      |
| 78101104261     | <b>BA-2-16-7-W</b> | White with Pal Nut | 7/16"       | 100      |



| UPC/Part Number | Catalog Number       | Finish               | Stud Length | Box Qty. |
|-----------------|----------------------|----------------------|-------------|----------|
| 78101118015     | <b>BA-2-16-BN</b>    | Black with Brass Nut | 5/8"        | 100      |
| 78101104260     | <b>BA-2-16-7-BN</b>  | Black with Brass Nut | 7/16"       | 100      |
| 78101118015     | <b>BA-2-16-WBN</b>   | White with Brass Nut | 5/8"        | 100      |
| 78101199566     | <b>BA-2-16-7-WBN</b> | White with Brass Nut | 7/16"       | 100      |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.

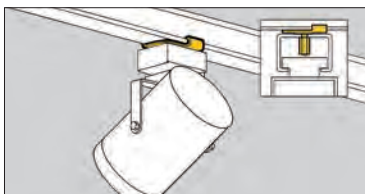


- Supports electrical fixtures from 9/16" T-Bar.
- Stud size: 1/4"-20 x 5/8".
- Static Load Capacity: 40 Lbs.

## 9/16" Twist Fasteners



| UPC/Part Number | Catalog Number  | Finish | Stud Length | Box Qty. |
|-----------------|-----------------|--------|-------------|----------|
| 78101103458     | <b>BA-4-9</b>   | Black  | 5/8"        | 100      |
| 78101103461     | <b>BA-4-9-W</b> | White  | 5/8"        | 100      |



- Supports electrical fixtures and track lighting from 9/16" T-Bar.
- Stud size: #8-32 x length.
- Static Load Capacity: 25 Lbs.

## 9/16" Twist Fasteners



BA-2-9 Series with Pal Nut

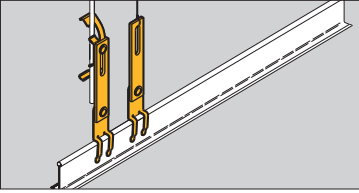


BA-2-9-BN Series with Brass Nut

| UPC/Part Number | Catalog Number     | Finish | Stud Length | Box Qty. |
|-----------------|--------------------|--------|-------------|----------|
| 78101103467     | <b>BA-2-9</b>      | Black  | 5/8"        | 100      |
| 78101103466     | <b>BA-2-9-7</b>    | Black  | 7/16"       | 100      |
| 78101103459     | <b>BA-2-9-W</b>    | White  | 5/8"        | 100      |
| 78101103465     | <b>BA-2-9-BN</b>   | Black  | 5/8"        | 100      |
| 78101103464     | <b>BA-2-9-7-BN</b> | Black  | 7/16"       | 100      |
| 78101103460     | <b>BA-2-9-WBN</b>  | White  | 5/8"        | 100      |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.

# Acoustical tee



- Secures independent support wires to ceiling grid as required by NEC Article 300.11.
- Slotted design permits adjustment when securing rods.
- Bright yellow color, Per NEC 300.11 (A), is easily identified by inspectors.

## Drop Wire/Rod Securing Clip



BA-311



BA-311-W2 Shown

| UPC/Part Number | Catalog Number  | Description                | Box Qty. |
|-----------------|-----------------|----------------------------|----------|
| 78101199569     | <b>BA311</b>    | #12 thru #8 Wire           | 100      |
| 78101199570     | <b>BA311-W2</b> | #12 thru 1/4" Plain or     | 100      |
| 78101199571     | <b>BA311-W6</b> | 3/8" Plain or Threaded Rod | 100      |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*



## Seismic Fixture Clamps

- BA-SFC Series provides seismic restraint for light fixtures within a suspended ceiling.
- BA-SFC reduces labor by attaching light fixtures to the T-bar frame and eliminating extra drop wires or chains.
- Load rating: 200 lbs.
- Provides positive attachment of fixtures to ceiling grid members, in compliance with ICBO Acceptance Criteria 184 (AC 184).
- Satisfies NEC 410.16(C) which requires positive attachment for secure fastening of luminaries.

| UPC/Part Number | Catalog Number    | Description   | Box Qty.                   |
|-----------------|-------------------|---|----------------------------|
| 78205145911     | <b>BA-SFC</b>     | Seismic Fixture Clamp attaches one standard 2' x 4' light fixture to T-Bar ceiling    | 25 sets (4 clamps per set) |
| 78205145912     | <b>BA-SFC-E*</b>  | For attachment of two standard 2' x 4' light fixtures end-to-end onto T-Bar ceiling   | 25 sets (4 clamps per set) |
| 78205145913     | <b>BA-SFC-S*</b>  | For attachment of two standard 2' x 4' light fixtures side-by-side onto T-Bar ceiling | 25 sets (4 clamps per set) |
| 78205145914     | <b>BA-SFC-CF*</b> | For attachment of standard 2' x 2' light fixtures onto T-Bar                          | 50 sets (2 clamps per set) |
| 78205145915     | <b>BA-SFC-CFS</b> | Seismic Fixture Clamp for reinforcement of main runner connection points              | 50 sets (2 clamps per set) |

\* BASFC is required to complete installation.

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Acoustical tee

## Seismic Fixture Clamps cont.



**BA-SFC**



**BA-SFC-E**



**BA-SFC-S**

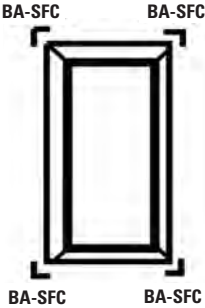


**BA-SFC-CF**



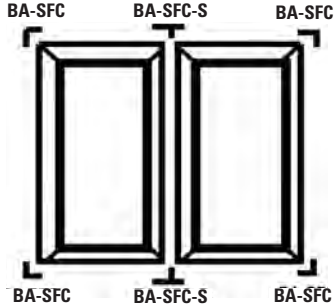
**BA-SFC-CFS**

### Single Fixture Installation



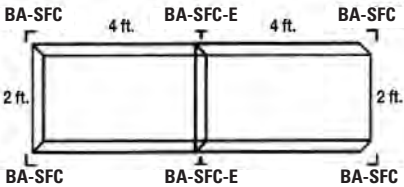
Parts Required:  
1 pc. BA-SFC Installation Kit

### Two Fixtures (Side by Side)



Parts Required:  
1 pc. BA-SFC Installation Kit  
1 pc. BA-SFC-S Installation Kit

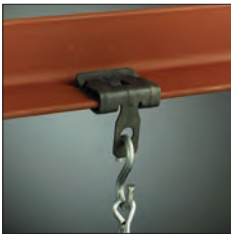
### Two Fixtures (End to End)



Parts Required:  
1 pc. BA-SFC Installation Kit  
1 pc. BA-SFC-E Installation Kit

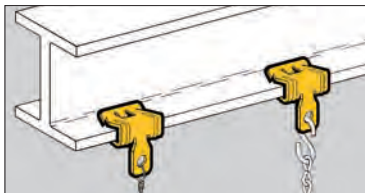


*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*



*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*

# Beams



- Permits fast and easy installation on bulb tees and beams.
- Clearance hole for 1/4" bolt in tab.
- Simply installed with a hammer.

## Flange Beam Fasteners



| UPC/Part Number | Catalog Number | Flange Thickness | Static Load Cap. | Box Qty. |
|-----------------|----------------|------------------|------------------|----------|
| 78101118290     | <b>BE-1-2</b>  | 3/32" - 9/64"    | 160 lbs.         | 100      |

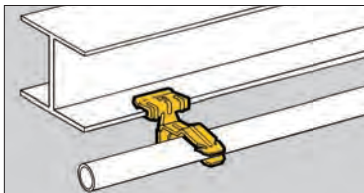


BE-2-4

| UPC/Part Number | Catalog Number | Flange Thickness | Static Load Cap. | Box Qty. |
|-----------------|----------------|------------------|------------------|----------|
| 78101118295     | <b>BE-2-4</b>  | 1/8" - 1/4"      | 200 lbs.         | 100      |
| 78101118300     | <b>BE-5-8</b>  | 5/16" - 1/2"     | 200 lbs.         | 100      |
| 78101118305     | <b>BE-9-12</b> | 9/16" - 3/4"     | 200 lbs.         | 100      |

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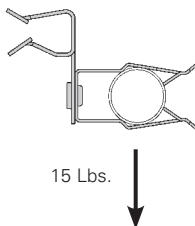
- Quickly attaches conduit to beams.
- Fasteners will rotate 360°.
- Simply installed with a hammer.

## Push-Type Conduit To Beam Fasteners

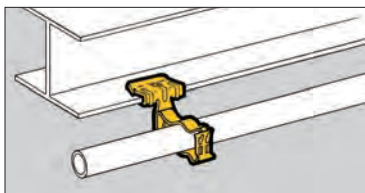


| UPC/Part Number | Catalog Number      | Conduit Size                | Flange Thickness | Box Qty. |
|-----------------|---------------------|-----------------------------|------------------|----------|
| 78101119275     | <b>BP-8-E-2-4</b>   | 1/2" EMT                    | 1/8" - 1/4"      | 100      |
| 78101119280     | <b>BP-8-E-5-8</b>   | 1/2" EMT                    | 5/16" - 1/2"     | 100      |
| 78101119285     | <b>BP-8-E-9-12</b>  | 1/2" EMT                    | 9/16" - 3/4"     | 100      |
| 78101119375     | <b>BP-12-E-2-4</b>  | 1/2" EMT<br>1/2" IMC, Rigid | 1/8" - 1/4"      | 100      |
| 78101119380     | <b>BP-12-E-5-8</b>  | 1/2" EMT<br>1/2" IMC, Rigid | 5/16" - 1/2"     | 100      |
| 78101119385     | <b>BP-12-E-9-12</b> | 1/2" EMT<br>1/2" IMC, Rigid | 9/16" - 3/4"     | 100      |
| 78101119465     | <b>BP-16-E-2-4</b>  | 1" EMT<br>3/4" IMC, Rigid   | 1/8" - 1/4"      | 100      |
| 78101119470     | <b>BP-16-E-5-8</b>  | 1" EMT<br>3/4" IMC, Rigid   | 5/16" - 1/2"     | 100      |
| 78101119475     | <b>BP-16-E-9-12</b> | 1" EMT<br>3/4" IMC, Rigid   | 9/16" - 3/4"     | 100      |

**Ultimate  
Static Load  
Capacity**



*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*



- Unique Guide-Rite™ fastener provides for fast and easy installation.
- Fasteners will rotate 360°.
- Simply installed with a hammer and pliers.

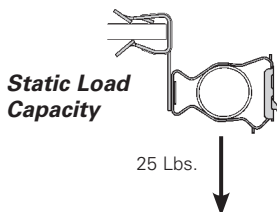
## Guide-Rite Conduit To Beam Fasteners



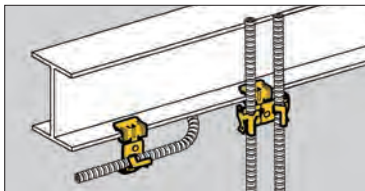
| UPC/Part Number | Catalog Number        | Conduit Size | Flange Thickness | Box Qty. |
|-----------------|-----------------------|--------------|------------------|----------|
| 78101118430     | <b>BG-6-E-2-4*</b>    | 3/8"         | 1/8" - 1/4"      | 100      |
| 78101118435     | <b>BG-6-E-5-8*</b>    | 3/8"         | 5/16" - 1/2"     | 100      |
| 78101118440     | <b>BG-6-E-9-12*</b>   | 3/8"         | 9/16" - 3/4"     | 100      |
| 78101118505     | <b>BG-8-12-E-2-4</b>  | 1/2", 3/4"   | 1/8" - 1/4"      | 100      |
| 78101118510     | <b>BG-8-12-E-5-8</b>  | 1/2", 3/4"   | 5/16" - 1/2"     | 100      |
| 78101118515     | <b>BG-8-12-E-9-12</b> | 1/2", 3/4"   | 9/16" - 3/4"     | 100      |
| 78101118575     | <b>BG-16-E-2-4</b>    | 1"           | 1/8" - 1/4"      | 100      |
| 78101118580     | <b>BG-16-E-5-8</b>    | 1"           | 5/16" - 1/2"     | 100      |
| 78101118585     | <b>BG-16-E-9-12</b>   | 1"           | 9/16" - 3/4"     | 100      |
| 78101118660     | <b>BG-20-E-2-4</b>    | 1 1/4"       | 1/8" - 1/4"      | 100      |
| 78101118665     | <b>BG-20-E-5-8</b>    | 1 1/4"       | 5/16" - 1/2"     | 100      |
| 78101118670     | <b>BG-20-E-9-12</b>   | 1 1/4"       | 9/16" - 3/4"     | 100      |
| 78101118705     | <b>BG-24-E-2-4</b>    | 1 1/2"       | 1/8" - 1/4"      | 50       |
| 78101118710     | <b>BG-24-E-5-8</b>    | 1 1/2"       | 5/16" - 1/2"     | 50       |
| 78101118715     | <b>BG-24-E-9-12</b>   | 1 1/2"       | 9/16" - 3/4"     | 50       |
| 78101118745     | <b>BG-32-E-2-4</b>    | 2"           | 1/8" - 1/4"      | 50       |
| 78101118750     | <b>BG-32-E-5-8</b>    | 2"           | 5/16" - 1/2"     | 50       |
| 78101118755     | <b>BG-32-E-9-12</b>   | 2"           | 9/16" - 3/4"     | 50       |

Patent #4958792

\* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit



Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



## Cable To Beam Fasteners



- Attaches MC, AC, sizes 14/2 through 10/3 or 3/8" FMC to beam flanges 1/8" to 3/4" thick.
- Fasteners will rotate 360°.
- Simply installed with a hammer.

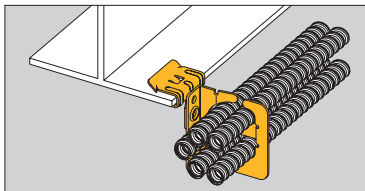


| UPC/Part Number | Catalog Number    | Types Of Runs | Flange Thickness | Box Qty. |
|-----------------|-------------------|---------------|------------------|----------|
| 78101101192     | <b>BX4-E-2-4</b>  | Single        | 1/8" - 1/4"      | 100      |
| 78101101193     | <b>BX4-E-5-8</b>  | Single        | 5/16" - 1/2"     | 100      |
| 78101101194     | <b>BX4-E-9-12</b> | Single        | 9/16" - 3/4"     | 100      |



| UPC/Part Number | Catalog Number     | Types Of Runs | Flange Thickness | Box Qty. |
|-----------------|--------------------|---------------|------------------|----------|
| 78101101213     | <b>BX4M-E-2-4</b>  | Double        | 1/8" - 1/4"      | 100      |
| 78101101214     | <b>BX4M-E-5-8</b>  | Double        | 5/16" - 1/2"     | 100      |
| 78101101215     | <b>BX4M-E-9-12</b> | Double        | 5/16" - 3/4"     | 100      |

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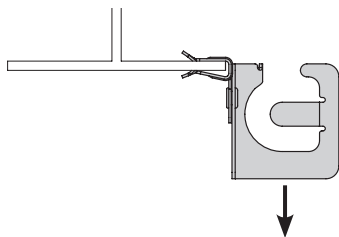
## MC/AC Cable Carrier to Beam Fastener



BRC5-2-E24

- Secures and supports MC/AC cables as required by the NEC.
- Effectively organizes cables and eliminates derating issues.
- BRC5-1 secures up to four (4) runs of .430 to .560 diameter cable.
- BRC5-2 secures up to nine (9) runs of .430 to .560 diameter cable.
- BRC5-3 secures up to seven (7) runs of .560 to .690 diameter cable.
- Load Capacity: 50 lbs.

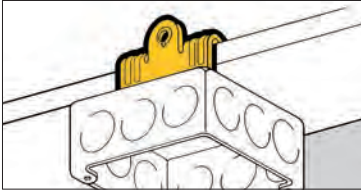
| UPC/Part Number | Catalog Number    | Flange Thickness | Box Qty. |
|-----------------|-------------------|------------------|----------|
| 78205144093     | <b>BRC51-E12</b>  | 3/32" - 9/64"    | 25       |
| 78205144096     | <b>BRC51-E24</b>  | 1/8" - 1/4"      | 25       |
| 78205144099     | <b>BRC51-E58</b>  | 5/16" - 1/2"     | 25       |
| 78205144102     | <b>BRC51-E912</b> | 9/16" - 3/4"     | 25       |
| 78205144094     | <b>BRC52-E12</b>  | 3/32" - 9/64"    | 25       |
| 78205144097     | <b>BRC52-E24</b>  | 1/8" - 1/4"      | 25       |
| 78205144100     | <b>BRC52-E58</b>  | 5/16" - 1/2"     | 25       |
| 78205144103     | <b>BRC52-E912</b> | 9/16" - 3/4"     | 25       |
| 78205144095     | <b>BRC53-E12</b>  | 3/32" - 9/64"    | 25       |
| 78205144098     | <b>BRC53-E24</b>  | 1/8" - 1/4"      | 25       |
| 78205144101     | <b>BRC53-E58</b>  | 5/16" - 1/2"     | 25       |
| 78205144104     | <b>BRC53-E912</b> | 9/16" - 3/4"     | 25       |



**Static Load Capacity**

50 Lbs.

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



- Suspend boxes or fixtures from beam flanges  $\frac{1}{8}$ " to  $\frac{3}{4}$ " thick.
- Provided with  $\frac{1}{4}$ "-20 thread impression for quick and secure attachment.
- Simply installed with a hammer.

## Universal Beam Fasteners

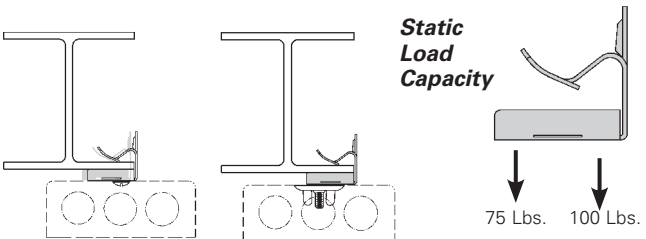


| UPC/Part Number | Catalog Number | Flange Thickness                   | Box Qty. |
|-----------------|----------------|------------------------------------|----------|
| 78101119600     | <b>BU-2-4</b>  | $\frac{1}{8}$ " - $\frac{1}{4}$ "  | 100      |
| 78101119605     | <b>BU-5-8</b>  | $\frac{5}{16}$ " - $\frac{1}{2}$ " | 100      |
| 78101119610     | <b>BU-9-12</b> | $\frac{9}{16}$ " - $\frac{3}{4}$ " | 100      |



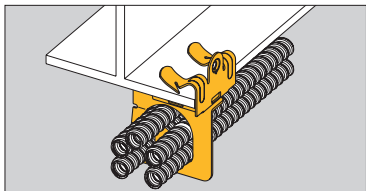
20 x  $\frac{3}{8}$ "  
Threaded Stud

| UPC/Part Number | Catalog Number   | Flange Thickness                   | Box Qty. |
|-----------------|------------------|------------------------------------|----------|
| 78101119615     | <b>BU-2-4-S</b>  | $\frac{1}{8}$ " - $\frac{1}{4}$ "  | 100      |
| 78101119620     | <b>BU-5-8-S</b>  | $\frac{5}{16}$ " - $\frac{1}{2}$ " | 100      |
| 78101119625     | <b>BU-9-12-S</b> | $\frac{9}{16}$ " - $\frac{3}{4}$ " | 100      |



Note: Indicated loads are static load capacity and should not be combined.

Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.

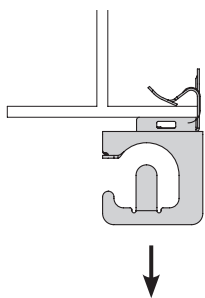


## MC/AC Cable Carrier to Beam Fastener



- Secures and supports MC/AC cables as required by the NEC.
- Effectively organizes cables and eliminates derating issues.
- BRC5-1 secures up to four (4) runs of .430 to .560 diameter cable.
- BRC5-2 secures up to nine (9) runs of .430 to .560 diameter cable.
- BRC5-3 secures up to seven (7) runs of .560 to .690 diameter cable.
- Load Capacity: 50 lbs.

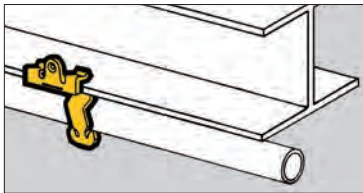
| UPC/Part Number | Catalog Number    | Flange Thickness | Box Qty. |
|-----------------|-------------------|------------------|----------|
| 78205144066     | <b>BRC51-U24</b>  | 1/8" - 1/4"      | 25       |
| 78205144069     | <b>BRC51-U58</b>  | 5/16" - 1/2"     | 25       |
| 78205144072     | <b>BRC51-U912</b> | 9/16" - 3/4"     | 25       |
| 78205144067     | <b>BRC52-U24</b>  | 1/8" - 1/4"      | 25       |
| 78205144070     | <b>BRC52-U58</b>  | 5/16" - 1/2"     | 25       |
| 78205144073     | <b>BRC52-U912</b> | 9/16" - 3/4"     | 25       |
| 78205144068     | <b>BRC53-U24</b>  | 1/8" - 1/4"      | 25       |
| 78205144071     | <b>BRC53-U58</b>  | 5/16" - 1/2"     | 25       |
| 78205144074     | <b>BRC53-U912</b> | 9/16" - 3/4"     | 25       |



**Static Load Capacity**

75 Lbs.

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*



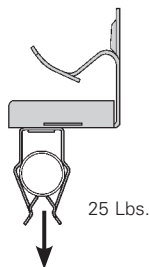
- Quickly attaches conduit to beams.
- Fasteners will rotate 360°.
- Simply installed with a hammer.

## Push-Type Conduit To Beam Fasteners

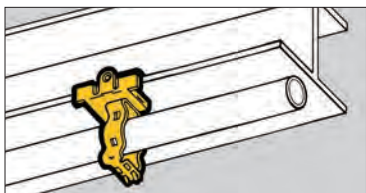


| UPC/Part Number | Catalog Number      | Conduit Size                | Flange Thickness | Box Qty. |
|-----------------|---------------------|-----------------------------|------------------|----------|
| 78101119310     | <b>BP-8-U-2-4</b>   | 1/2" EMT                    | 1/8" - 1/4"      | 100      |
| 78101119315     | <b>BP-8-U-5-8</b>   | 1/2" EMT                    | 5/16" - 1/2"     | 100      |
| 78101119320     | <b>BP-8-U-9-12</b>  | 1/2" EMT                    | 9/16" - 3/4"     | 100      |
| 78101119405     | <b>BP-12-U-2-4</b>  | 3/4" EMT<br>1/2" IMC, Rigid | 1/8" - 1/4"      | 100      |
| 78101119410     | <b>BP-12-U-5-8</b>  | 3/4" EMT<br>1/2" IMC, Rigid | 5/16" - 1/2"     | 100      |
| 78101119415     | <b>BP-12-U-9-12</b> | 3/4" EMT<br>1/2" IMC, Rigid | 9/16" - 3/4"     | 100      |
| 78101119490     | <b>BP-16-U-2-4</b>  | 1" EMT<br>3/4" IMC, Rigid   | 1/8" - 1/4"      | 100      |
| 78101119495     | <b>BP-16-U-5-8</b>  | 1" EMT<br>3/4" IMC, Rigid   | 5/16" - 1/2"     | 100      |
| 78101119500     | <b>BP-16-U-9-12</b> | 1" EMT<br>3/4" IMC, Rigid   | 9/16" - 3/4"     | 100      |

**Ultimate  
Static Load  
Capacity**



*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*



- Unique Guide-Rite™ Fastener provides for fast and easy installation.
- Fasteners will rotate 360°.
- Simply installed with a hammer and pliers.

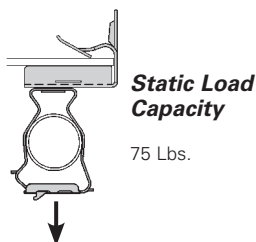
## Guide-Rite Conduit To Beam Fasteners



| UPC/Part Number | Catalog Number        | Conduit Size | Flange Thickness | Box Qty. |
|-----------------|-----------------------|--------------|------------------|----------|
| 78101118450     | <b>BG-6-U-2-4*</b>    | 3/8"         | 1/8" - 1/4"      | 100      |
| 78101118455     | <b>BG-6-U-5-8*</b>    | 3/8"         | 5/16" - 1/2"     | 100      |
| 78101118460     | <b>BG-6-U-9-12*</b>   | 3/8"         | 9/16" - 3/4"     | 100      |
| 78101118525     | <b>BG-8-12-U-2-4</b>  | 1/2", 3/4"   | 1/8" - 1/4"      | 100      |
| 78101118530     | <b>BG-8-12-U-5-8</b>  | 1/2", 3/4"   | 5/16" - 1/2"     | 100      |
| 78101118535     | <b>BG-8-12-U-9-12</b> | 1/2", 3/4"   | 9/16" - 3/4"     | 100      |
| 78101118625     | <b>BG-16-U-2-4</b>    | 1"           | 1/8" - 1/4"      | 100      |
| 78101118630     | <b>BG-16-U-5-8</b>    | 1"           | 5/16" - 1/2"     | 100      |
| 78101118635     | <b>BG-16-U-9-12</b>   | 1"           | 9/16" - 3/4"     | 100      |
| 78101118680     | <b>BG-20-U-2-4</b>    | 1 1/4"       | 1/8" - 1/4"      | 100      |
| 78101118685     | <b>BG-20-U-5-8</b>    | 1 1/4"       | 5/16" - 1/2"     | 100      |
| 78101118690     | <b>BG-20-U-9-12</b>   | 1 1/4"       | 9/16" - 3/4"     | 100      |
| 78101118720     | <b>BG-24-U-2-4</b>    | 1 1/2"       | 1/8" - 1/4"      | 50       |
| 78101118725     | <b>BG-24-U-5-8</b>    | 1 1/2"       | 5/16" - 1/2"     | 50       |
| 78101118730     | <b>BG-24-U-9-12</b>   | 1 1/2"       | 9/16" - 3/4"     | 50       |
| 78101118760     | <b>BG-32-U-2-4</b>    | 2"           | 1/8" - 1/4"      | 50       |
| 78101118765     | <b>BG-32-U-5-8</b>    | 2"           | 5/16" - 1/2"     | 50       |
| 78101118770     | <b>BG-32-U-9-12</b>   | 2"           | 9/16" - 3/4"     | 50       |

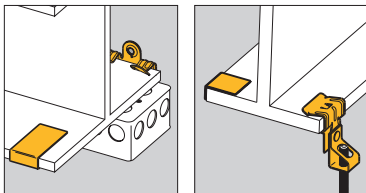
Patent #4958792

\* BG-6 will accept the following range  $\varnothing.420 - \varnothing.675$ : 14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit



Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.





## Beam Fasteners With Anchor Straps

- Anchor strap provides secure attachment to beam flanges.
- Suspends threaded rod from beam flanges.
- 8" anchor straps are provided for  $\frac{1}{8}$ " to  $\frac{1}{4}$ " thick flanges.
- 13" anchor straps are provided for  $\frac{5}{16}$ " to  $\frac{3}{4}$ " thick flanges.



**Static Load  
Capacity**

75 Lbs.



| UPC/Part Number | Catalog Number      | Stud Size                            | Flange Thickness                   | Box Qty. |
|-----------------|---------------------|--------------------------------------|------------------------------------|----------|
| 78101104942     | <b>BU-2-4-S-AS</b>  | $\frac{1}{4}$ "-20 x $\frac{3}{8}$ " | $\frac{1}{8}$ " - $\frac{1}{4}$ "  | 50       |
| 78101104943     | <b>BU-5-8-S-AS</b>  | $\frac{1}{4}$ "-20 x $\frac{3}{8}$ " | $\frac{5}{16}$ " - $\frac{1}{2}$ " | 50       |
| 78101104944     | <b>BU-9-12-S-AS</b> | $\frac{1}{4}$ "-20 x $\frac{3}{8}$ " | $\frac{9}{16}$ " - $\frac{3}{4}$ " | 50       |



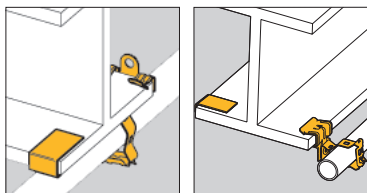
**Static Load  
Capacity**

160 Lbs.



| UPC/Part Number | Catalog Number       | Threaded Rod Size  | Flange Thickness                   | Box Qty. |
|-----------------|----------------------|--------------------|------------------------------------|----------|
| 78101104948     | <b>BH4-E-2-4-AS</b>  | $\frac{1}{4}$ "-20 | $\frac{1}{8}$ " - $\frac{1}{4}$ "  | 50       |
| 78101104949     | <b>BH4-E-5-8-AS</b>  | $\frac{1}{4}$ "-20 | $\frac{5}{16}$ " - $\frac{1}{2}$ " | 50       |
| 78101104950     | <b>BH4-E-9-12-AS</b> | $\frac{1}{4}$ "-20 | $\frac{9}{16}$ " - $\frac{3}{4}$ " | 50       |
| 78101104951     | <b>BH6-E-2-4-AS</b>  | $\frac{3}{8}$ "-16 | $\frac{1}{8}$ " - $\frac{1}{4}$ "  | 50       |
| 78101104952     | <b>BH6-E-5-8-AS</b>  | $\frac{3}{8}$ "-16 | $\frac{5}{16}$ " - $\frac{1}{2}$ " | 50       |
| 78101104953     | <b>BH6-E-9-12-AS</b> | $\frac{3}{8}$ "-16 | $\frac{9}{16}$ " - $\frac{3}{4}$ " | 50       |

Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.



- Anchor strap provides secure attachment to beam flanges.
- Unique Guide-Rite™ Fastener provides for fast and easy installation.
- 8" anchor straps are provided for 1/8" to 1/4" thick flanges.
- 13" anchor straps are provided for 5/16" to 3/4" thick flanges.

## Conduit To Beam Fasteners With Anchor Straps



**Static Load Capacity**

75 Lbs.

| UPC/Part Number | Catalog Number           | Conduit Size | Flange Thickness | Box Qty. |
|-----------------|--------------------------|--------------|------------------|----------|
| 78101104966     | <b>BG-8-12-U-2-4-AS</b>  | 1/2", 3/4"   | 1/8" - 1/4"      | 50       |
| 78101104967     | <b>BG-8-12-U-5-8-AS</b>  | 1/2", 3/4"   | 5/16" - 1/2"     | 50       |
| 78101104968     | <b>BG-8-12-U-9-12-AS</b> | 1/2", 3/4"   | 9/16" - 3/4"     | 50       |
| 78101104969     | <b>BG-16-U-2-4-AS</b>    | 1"           | 1/8" - 1/4"      | 50       |
| 78101104970     | <b>BG-16-U-5-8-AS</b>    | 1"           | 5/16" - 1/2"     | 50       |
| 78101104971     | <b>BG-16-U-9-12-AS</b>   | 1"           | 9/16" - 3/4"     | 50       |

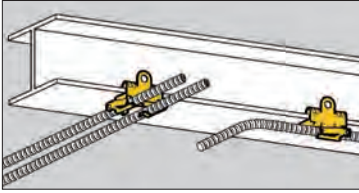


**Static Load Capacity**

25 Lbs.

| UPC/Part Number | Catalog Number           | Conduit Size | Flange Thickness | Box Qty. |
|-----------------|--------------------------|--------------|------------------|----------|
| 78101104972     | <b>BG-8-12-E-2-4-AS</b>  | 1/2", 3/4"   | 1/8" - 1/4"      | 50       |
| 78101104973     | <b>BG-8-12-E-5-8-AS</b>  | 1/2", 3/4"   | 5/16" - 1/2"     | 50       |
| 78101104974     | <b>BG-8-12-E-9-12-AS</b> | 1/2", 3/4"   | 9/16" - 3/4"     | 50       |
| 78101104975     | <b>BG-16-E-2-4-AS</b>    | 1"           | 1/8" - 1/4"      | 50       |
| 78101104976     | <b>BG-16-E-5-8-AS</b>    | 1"           | 5/16" - 1/2"     | 50       |
| 78101104977     | <b>BG-16-E-9-12-AS</b>   | 1"           | 9/16" - 3/4"     | 50       |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



- Attaches MC, AC, sizes 14/2 through 10/3 or 3/8" FMC to flanges 1/8" to 3/4" thick.
- Fasteners will rotate 360°.

## Cable To Beam Fasteners

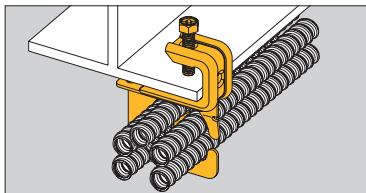


| UPC/Part Number | Catalog Number    | Description | Flange Thickness | Box Qty. |
|-----------------|-------------------|-------------|------------------|----------|
| 78101101197     | <b>BX4-U-2-4</b>  | Single Runs | 1/8" - 1/4"      | 100      |
| 78101101198     | <b>BX4-U-5-8</b>  | Single Runs | 5/16" - 1/2"     | 100      |
| 78101101199     | <b>BX4-U-9-12</b> | Single Runs | 9/16" - 3/4"     | 100      |



| UPC/Part Number | Catalog Number     | Description | Flange Thickness | Box Qty. |
|-----------------|--------------------|-------------|------------------|----------|
| 78101101206     | <b>BX4M-U-2-4</b>  | Double Runs | 1/8" - 1/4"      | 100      |
| 78101101207     | <b>BX4M-U-5-8</b>  | Double Runs | 5/16" - 1/2"     | 100      |
| 78101101208     | <b>BX4M-U-9-12</b> | Double Runs | 9/16" - 3/4"     | 100      |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*



- Secures and supports MC/AC cables as required by the NEC.
- Effectively organizes cables and eliminates derating issues.
- Fits beam flanges from 1/8" thru 5/8" thick.
- Load Capacity: 50 lbs.

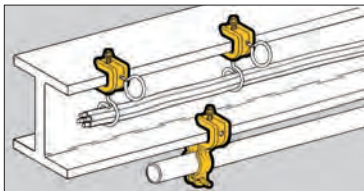
## MC/AC Cable Carrier to Beam Fastener



BRC5-1-C442

| UPC/Part Number | Catalog Number    | Cable Diameter & Number of Runs | Box Qty. |
|-----------------|-------------------|---------------------------------|----------|
| 78205144087     | <b>BRC51-C442</b> | .430" to .560"<br>Up to 4 Runs  | 25       |
| 78205144088     | <b>BRC52-C442</b> | .430" to .560"<br>Up to 9 Runs  | 25       |
| 78205144089     | <b>BRC53-C442</b> | .560" to .690"<br>Up to 7 Runs  | 25       |

Read safety/installation instruction sheets in packages before use.



- BC442 fits beam flanges  $\frac{1}{8}$ " to  $\frac{5}{8}$ ". BC442-6 fits beam flanges up to  $\frac{3}{4}$ ".
- Finish: Zinc Plated.
- Static Load Capacity:  
BC442 = 100 Lbs.  
BC442-6 = 200 Lbs.

## Beam Fasteners



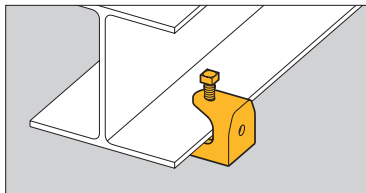
| UPC/Part Number | Catalog Number | Description   | Box Qty. |
|-----------------|----------------|---|----------|
| 78101118278     | <b>BC442</b>   | Accepts $\frac{1}{4}$ "-20 Threaded Rod or $\frac{1}{4}$ "-20 Threaded Bridle Rings | 50       |
| 78101104283     | <b>BC442-6</b> | Accepts $\frac{3}{8}$ "-16 Threaded Rod   | 25       |



| UPC/Part Number | Catalog Number     | Conduit Size Rigid | EMT               | Box Qty. |
|-----------------|--------------------|--------------------|-------------------|----------|
| 78101119850     | <b>BL1400-C442</b> | $\frac{1}{2}$ "    | $\frac{1}{2}$ "   | 50       |
| 78101119851     | <b>BL1410-C442</b> | $\frac{3}{4}$ "    | $\frac{3}{4}$ "   | 50       |
| 78101119852     | <b>BL1420-C442</b> | 1"                 | 1"                | 50       |
| 78101119853     | <b>BL1425-C442</b> | --                 | 1 $\frac{1}{4}$ " | 50       |
| 78101119854     | <b>BL1430-C442</b> | 1 $\frac{1}{4}$ "  | 1 $\frac{1}{2}$ " | 50       |
| 78101119855     | <b>BL1440-C442</b> | 1 $\frac{1}{2}$ "  | --                | 25       |
| 78101119856     | <b>BL1450-C442</b> | 2"                 | 2"                | 25       |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.

# Beams

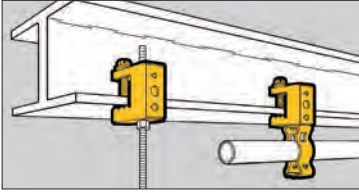


- Can be used with 1/4"-20 and 3/8"-16 threaded rod or bridle rings.
- Fits beam flanges through 1/2" thick.
- Safety Factor of 5.
- Finish: Zinc-Plated.

## Beam Fasteners



| UPC/Part Number | Catalog Number   | Rod Size | Static Load Cap. | Box Qty. |
|-----------------|------------------|----------|------------------|----------|
| 78101155333     | <b>B444-1/4</b>  | 1/4"-20  | 150 lbs.         | 50       |
| 78101155333     | <b>B444-5/16</b> | 5/16"-18 | 150 lbs.         | 50       |
| 78101155333     | <b>B444-3/8</b>  | 3/8"-16  | 150 lbs.         | 50       |



- Fits beam flanges thru 1/2" thick.
- Accepts "S" hooks, 1/4" and 3/8" threaded rod, 1/4"-20 or #10-24 threaded bridle rings.
- Supports conduit and electrical boxes.

## Conduit To Beam Fasteners



| UPC/Part Number | Catalog Number | Flange Thickness | Static Load Cap. | Box Qty. |
|-----------------|----------------|------------------|------------------|----------|
| 78101118275     | <b>BC1</b>     | Thru 1/2"        | 100 lbs.         | 100      |



**Guide-Rite™**  
Fastener

| UPC/Part Number | Catalog Number    | Conduit Size EMT & Rigid | Static Load Cap. | Box Qty. |
|-----------------|-------------------|--------------------------|------------------|----------|
| 78101118490     | <b>BG-8-12-C2</b> | 1/2", 3/4"               | 100 lbs.         | 100      |
| 78101118570     | <b>BG-16-C2</b>   | 1"                       | 100 lbs.         | 100      |
| 78101118655     | <b>BG-20-C2</b>   | 1 1/4"                   | 100 lbs.         | 100      |
| 78101118700     | <b>BG-24-C2</b>   | 1 1/2"                   | 100 lbs.         | 100      |
| 78101118740     | <b>BG-32-C2</b>   | 2"                       | 100 lbs.         | 100      |

Read safety/installation instruction sheets in packages before use.

## Conduit To Beam Fasteners



Guide-Rite™  
Fastener

| UPC/Part Number | Catalog Number    | Conduit Size EMT & Rigid | Static Load Cap. | Box Qty. |
|-----------------|-------------------|--------------------------|------------------|----------|
| 78101118485     | <b>BG-8-12-C1</b> | ½", ¾"                   | 25 lbs.          | 100      |
| 78101118565     | <b>BG-16-C1</b>   | 1"                       | 25 lbs.          | 100      |
| 78101118650     | <b>BG-20-C1</b>   | 1¼"                      | 25 lbs.          | 100      |
| 78101118695     | <b>BG-24-C1</b>   | 1½"                      | 25 lbs.          | 50       |
| 78101118735     | <b>BG-32-C1</b>   | 2"                       | 25 lbs.          | 50       |



Push-Type

| UPC/Part Number | Catalog Number  | Conduit Size            | Ultimate Static Load Cap. | Box Qty. |
|-----------------|-----------------|-------------------------|---------------------------|----------|
| 78101119260     | <b>BP-8-C2</b>  | ½" EMT                  | 25 lbs.                   | 100      |
| 78101119360     | <b>BP-12-C2</b> | ¾" EMT<br>½" IMC, Rigid | 25 lbs.                   | 100      |
| 78101119455     | <b>BP-16-C2</b> | 1" EMT<br>¾" IMC, Rigid | 25 lbs.                   | 100      |

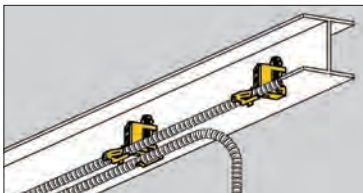


Push-Type

| UPC/Part Number | Catalog Number  | Conduit Size            | Ultimate Static Load Cap. | Box Qty. |
|-----------------|-----------------|-------------------------|---------------------------|----------|
| 78101119255     | <b>BP-8-C1</b>  | ½" EMT                  | 25 lbs.                   | 100      |
| 78101119355     | <b>BP-12-C1</b> | ¾" EMT<br>½" IMC, Rigid | 25 lbs.                   | 100      |
| 78101119450     | <b>BP-16-C1</b> | 1" EMT<br>¾" IMC, Rigid | 25 lbs.                   | 100      |

Read safety/installation instruction sheets in packages before use.





- Attaches MC, AC, sizes 14/2 through 10/3 or 3/8" FMC to beam flanges thru 1/2" thick.
- Fasteners will rotate 360°.
- Requires only a screwdriver to install.

## Cable To Beam Fasteners

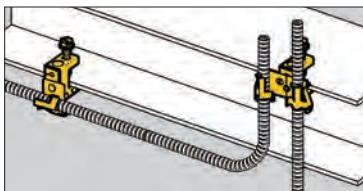


BX4-C2



BX4M-C2

| UPC/Part Number | Catalog Number | Flange Thickness | Box Qty. |
|-----------------|----------------|------------------|----------|
| 78101101190     | <b>BX4-C2</b>  | Single Runs      | 100      |
| 78101101210     | <b>BX4M-C2</b> | Double Runs      | 100      |



- Attaches MC, AC, sizes 14/2 through 10/3 or 3/8" FMC to beam flanges thru 1/2" thick.
- Fasteners will rotate 360°.
- Requires only a screwdriver to install.

## Cable To Beam Fasteners



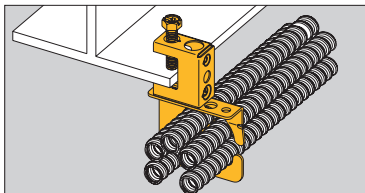
BX4-C1



BX4M-C1

| UPC/Part Number | Catalog Number | Flange Thickness | Box Qty. |
|-----------------|----------------|------------------|----------|
| 78101101191     | <b>BX4-C1</b>  | Single Runs      | 100      |
| 78101101209     | <b>BX4M-C1</b> | Double Runs      | 100      |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



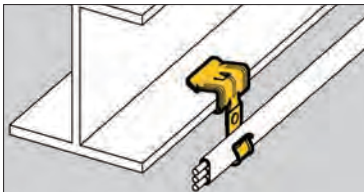
- Secures and supports MC/AC cables as required by the NEC.
- Effectively organizes cables and eliminates derating issues.
- Fits beam flanges thru 1/2" thick.
- Load Capacity: 50 lbs.

## MC/AC Cable Carrier to Beam Fastener



BRC5-x-C2

| UPC/Part Number | Catalog Number  | Cable Diameter & Number of Runs | Box Qty. |
|-----------------|-----------------|---------------------------------|----------|
| 78205144090     | <b>BRC51-C2</b> | .430" to .560"<br>Up to 4 Runs  | 25       |
| 78205144091     | <b>BRC52-C2</b> | .430" to .560"<br>Up to 9 Runs  | 25       |
| 78205144092     | <b>BRC53-C2</b> | .560" to .690"<br>Up to 7 Runs  | 25       |



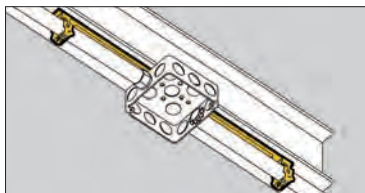
- Attaches type NM cable to beam flanges  $\frac{1}{8}$ " to  $\frac{1}{2}$ " thick.
- Supports cable sizes 14/2 and 12/2 with ground wire.
- Simply installed with a hammer.

## Cable To Beam Fasteners



| UPC/Part Number | Catalog Number     | Flange Thickness                    | Box Qty. |
|-----------------|--------------------|-------------------------------------|----------|
| 78101103550     | <b>BRC3-E-2-4</b>  | $\frac{1}{8}$ " to $\frac{1}{4}$ "  | 100      |
| 78101103551     | <b>BRC3-E-5-8</b>  | $\frac{5}{16}$ " to $\frac{1}{2}$ " | 100      |
| 78101103552     | <b>BRC3-E-9-12</b> | $\frac{9}{16}$ " to $\frac{3}{4}$ " | 100      |

*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*



- BMC3 plate is available to support multiple conduit runs.
- Guide-Rite™ Riveted assembly secures electrical boxes and conduit runs to beam flanges 1/8" to 1/2" thick.
- Provides support for conduit on either side of electrical box.
- Assemblies using BMC3 plate include center conduit clamp. Additional conduit clamps may be purchased separately.

## Guide-Rite Conduit & Box Support Fasteners



- Consult factory for pre-fab box assemblies.



BG\_-S18-U\_



BG\_-S18-U\_-MC3

| UPC/Part Number | Catalog Number       | Conduit Size | Flange Thickness | Box Qty. |
|-----------------|----------------------|--------------|------------------|----------|
| 78101103583     | <b>BG6-S18-U24 *</b> | 3/8"         | 1/8" to 1/4"     | 25       |
| 78101103584     | <b>BG6-S18-U58 *</b> | 3/8"         | 5/16" to 1/2"    | 25       |
| 78101103579     | <b>BG812-S18-U24</b> | 1/2", 3/4"   | 1/8" to 1/4"     | 25       |
| 78101103580     | <b>BG812-S18-U58</b> | 1/2", 3/4"   | 5/16" to 1/2"    | 25       |
| 78101103581     | <b>BG16-S18-U24</b>  | 1"           | 1/8" to 1/4"     | 25       |
| 78101103582     | <b>BG16-S18-U58</b>  | 1"           | 5/16" to 1/2"    | 25       |

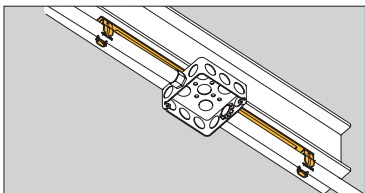
Patent #4958792

### With Multiple Conduit Plate

|             |                          |            |               |    |
|-------------|--------------------------|------------|---------------|----|
| 78205152813 | <b>BG6-S18-U24-MC3 *</b> | 3/8"       | 1/8" to 1/4"  | 25 |
| 78205152814 | <b>BG6-S18-U58-MC3 *</b> | 3/8"       | 5/16" to 1/2" | 25 |
| 78205152815 | <b>BG812-S18-U24-MC3</b> | 1/2", 3/4" | 1/8" to 1/4"  | 25 |
| 78205152816 | <b>BG812-S18-U58-MC3</b> | 1/2", 3/4" | 5/16" to 1/2" | 25 |
| 78205152817 | <b>BG16-S18-U24-MC3</b>  | 1"         | 1/8" to 1/4"  | 25 |
| 78205152823 | <b>BG16-S18-U58-MC3</b>  | 1"         | 5/16" to 1/2" | 25 |

\* BG-6 will accept the following range  $\varnothing.420 - \varnothing.675$ : 14/2 thru 10/4 MC/ AC cable and 5/16" or 3/8" flexible conduit

Read safety/installation instruction sheets in packages before use.



## Push-Type Conduit & Box Support Fasteners

- Consult factory for pre-fab box assemblies.

- BMC3 plate is available to support multiple conduit runs.
- Riveted assembly secures electrical boxes and conduit runs to beam flanges  $\frac{1}{8}$ " to  $\frac{1}{2}$ " thick.
- Provides support for conduit on either side of electrical box.
- Assemblies using BMC3 plate include center conduit clamp. Additional conduit clamps may be purchased separately.



BP\_\_-S18-U\_\_



BP\_\_-S18-U\_\_-MC3

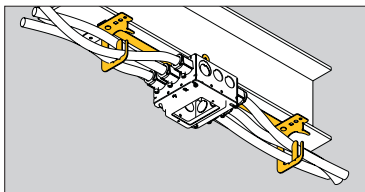
| UPC/Part Number | Catalog Number      | Conduit Size EMT, IMC, Rigid     | Flange Thickness                    | Box Qty. |
|-----------------|---------------------|----------------------------------|-------------------------------------|----------|
| 78205123635     | <b>BP8-S18-U24</b>  | $\frac{3}{8}$ "                  | $\frac{1}{8}$ " to $\frac{1}{4}$ "  | 25       |
| 78205123638     | <b>BP8-S18-U58</b>  | $\frac{3}{8}$ "                  | $\frac{5}{16}$ " to $\frac{1}{2}$ " | 25       |
| 78205123636     | <b>BP12-S18-U24</b> | $\frac{1}{2}$ ", $\frac{3}{4}$ " | $\frac{1}{8}$ " to $\frac{1}{4}$ "  | 25       |
| 78205123639     | <b>BP12-S18-U58</b> | $\frac{1}{2}$ ", $\frac{3}{4}$ " | $\frac{5}{16}$ " to $\frac{1}{2}$ " | 25       |
| 78205123637     | <b>BP16-S18-U24</b> | 1"                               | $\frac{1}{8}$ " to $\frac{1}{4}$ "  | 25       |
| 78205123640     | <b>BP16-S18-U58</b> | 1"                               | $\frac{5}{16}$ " to $\frac{1}{2}$ " | 25       |

Patent #4958792

### With Multiple Conduit Plate

|             |                         |                                  |                                     |    |
|-------------|-------------------------|----------------------------------|-------------------------------------|----|
| 78205152824 | <b>BP8-S18-U24-MC3</b>  | $\frac{3}{8}$ "                  | $\frac{1}{8}$ " to $\frac{1}{4}$ "  | 25 |
| 78205152825 | <b>BP8-S18-U58-MC3</b>  | $\frac{3}{8}$ "                  | $\frac{5}{16}$ " to $\frac{1}{2}$ " | 25 |
| 78205152827 | <b>BP12-S18-U24-MC3</b> | $\frac{1}{2}$ ", $\frac{3}{4}$ " | $\frac{1}{8}$ " to $\frac{1}{4}$ "  | 25 |
| 78205152828 | <b>BP12-S18-U58-MC3</b> | $\frac{1}{2}$ ", $\frac{3}{4}$ " | $\frac{5}{16}$ " to $\frac{1}{2}$ " | 25 |
| 78205152825 | <b>BP16-S18-U24-MC3</b> | 1"                               | $\frac{1}{8}$ " to $\frac{1}{4}$ "  | 25 |
| 78205152964 | <b>BP16-S18-U58-MC3</b> | 1"                               | $\frac{5}{16}$ " to $\frac{1}{2}$ " | 25 |

Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.



- Riveted assembly provides support for electrical box and cable run on either side of box.
- Cable retention tab is open for easy loading and contains cable when bent in place.

## Multi-Run Cable Carrier & Box Support Fastener

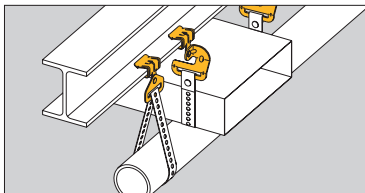


BRC5\_-S18-U\_\_

| UPC/Part Number | Catalog Number       | Conduit Size<br>Number of Runs | Flange<br>Thickness | Box<br>Qty. |
|-----------------|----------------------|--------------------------------|---------------------|-------------|
| 78205152829     | <b>BRC51-S18-U24</b> | .430" - .560"<br>Up to 4 Runs  | 1/8" to 1/4"        | 25          |
| 78205152830     | <b>BRC51-S18-U58</b> | .560" - .690"<br>Up to 7 Runs  | 5/16" to 1/2"       | 25          |
| 78205152834     | <b>BRC53-S18-U24</b> | .430" - .560"<br>Up to 4 Runs  | 1/8" to 1/4"        | 25          |
| 78205152835     | <b>BRC53-S18-U58</b> | .560" - .690"<br>Up to 7 Runs  | 5/16" to 1/2"       | 25          |



# Hangers



- Suspends straps thru 1½" wide from beam flanges ⅛" to ¾" thick.
- Suspends straps parallel or at right angles to beams.
- Simply installed with a hammer.
- Static Load Capacity: 200 Lbs.

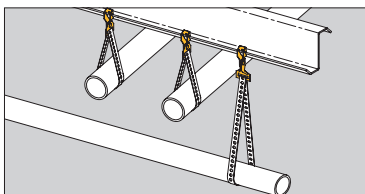
## Strap Hangers



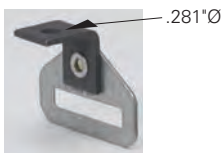
Parallel

Right Angle

| UPC/Part Number | Catalog Number   | Description | Flange Thickness | Box Qty. |
|-----------------|------------------|-------------|------------------|----------|
| 78101104930     | <b>BHE-1-2</b>   | Parallel    | ⅛" to ⅜"         | 100      |
| 78101118870     | <b>BH-2-4</b>    | Parallel    | ⅛" to ¼"         | 100      |
| 78101118880     | <b>BH-5-8</b>    | Parallel    | ⅝" to ½"         | 100      |
| 78101118890     | <b>BH-9-12</b>   | Parallel    | ⅞" to ¾"         | 100      |
| 78101104115     | <b>BH-1-2-R</b>  | Right Angle | ⅛" to ⅜"         | 100      |
| 78101118875     | <b>BH-2-4-R</b>  | Right Angle | ⅛" to ¼"         | 100      |
| 78101118885     | <b>BH-5-8-R</b>  | Right Angle | ⅝" to ½"         | 100      |
| 78101118895     | <b>BH-9-12-R</b> | Right Angle | ⅞" to ¾"         | 100      |



"Z" Purlin Hangers



BH-H7



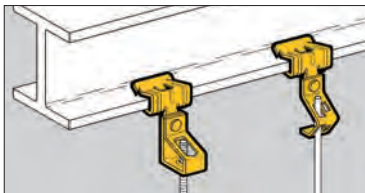
BH-F12

BH-F12-R

| UPC/Part Number | Catalog Number  | Description | Box Qty. |
|-----------------|-----------------|-------------|----------|
| 78101103385     | <b>BH-F12</b>   | Right Angle | 100      |
| 78101103384     | <b>BH-F12-R</b> | Parallel    | 100      |
| 78101119922     | <b>BH-H7</b>    | Parallel    | 100      |

Read safety/installation instruction sheets in packages before use.





- Suspend wire or plain and threaded rod from beam flanges  $\frac{1}{8}$ " to  $\frac{3}{4}$ " thick.
- Simply installed with a hammer.
- Static Load Capacity: 160 Lbs.

## Rod To Beam Hangers



| UPC/Part Number | Catalog Number    | Flange Thickness                   | Description                          | Box Qty. |
|-----------------|-------------------|------------------------------------|--------------------------------------|----------|
| 78101118900     | <b>BH1-E-2-4</b>  | $\frac{1}{8}$ " to $\frac{1}{4}$ " | #8 Wire or $\frac{1}{4}$ " Plain Rod | 100      |
| 78101118905     | <b>BH1-E-5-8</b>  | $\frac{5}{16}$ " - $\frac{1}{2}$ " | #8 Wire or $\frac{1}{4}$ " Plain Rod | 100      |
| 78101118910     | <b>BH1-E-9-12</b> | $\frac{9}{16}$ " - $\frac{3}{4}$ " | #8 Wire or $\frac{1}{4}$ " Plain Rod | 100      |

| UPC/Part Number | Catalog Number    | Flange Thickness                   | Plain Rod Size  | Box Qty. |
|-----------------|-------------------|------------------------------------|-----------------|----------|
| 78101118940     | <b>BH2-E-2-4</b>  | $\frac{1}{8}$ " to $\frac{1}{4}$ " | $\frac{3}{8}$ " | 100      |
| 78101118945     | <b>BH2-E-5-8</b>  | $\frac{5}{16}$ " - $\frac{1}{2}$ " | $\frac{3}{8}$ " | 100      |
| 78101118950     | <b>BH2-E-9-12</b> | $\frac{9}{16}$ " - $\frac{3}{4}$ " | $\frac{3}{8}$ " | 100      |

Read safety/installation instruction sheets in packages before use.

# Hangers

## Rod To Beam Hangers



With thread impression

| UPC/Part Number | Catalog Number    | Flange Thickness | Threaded Rod Size | Box Qty. |
|-----------------|-------------------|------------------|-------------------|----------|
| 78101118980     | <b>BH4-E-2-4</b>  | 1/8" to 1/4"     | 1/4"              | 100      |
| 78101118985     | <b>BH4-E-5-8</b>  | 5/16" - 1/2"     | 1/4"              | 100      |
| 78101118990     | <b>BH4-E-9-12</b> | 9/16" - 3/4"     | 1/4"              | 100      |
| 78101119060     | <b>BH6-E-2-4</b>  | 1/8" to 1/4"     | 3/8"              | 100      |
| 78101119065     | <b>BH6-E-5-8</b>  | 5/16" - 1/2"     | 3/8"              | 100      |
| 78101119070     | <b>BH6-E-9-12</b> | 9/16" - 3/4"     | 3/8"              | 100      |

Note: BH4 and BH6 have thread impressions.

| UPC/Part Number | Catalog Number      | Flange Thickness | Threaded Rod Size | Box Qty. |
|-----------------|---------------------|------------------|-------------------|----------|
| 78101119020     | <b>BH5-E-2-4 *</b>  | 1/8" to 1/4"     | 1/4" to 3/8"      | 100      |
| 78101119025     | <b>BH5-E-5-8 *</b>  | 5/16" - 1/2"     | 1/4" to 3/8"      | 100      |
| 78101119030     | <b>BH5-E-9-12 *</b> | 9/16" - 3/4"     | 1/4" to 3/8"      | 100      |

\*Nuts required.



- Compensates for angle of purlin lip.
- Allows for parallel conduit runs or vertical support drops.
- Riveted fasteners will rotate 360°.
- Maximum Purlin thickness of 3/32".

## "Z" Purlin Hangers



BF13



BF12

| UPC/Part Number | Catalog Number | Description    | Static Load Cap. Lbs. | Box Qty. |
|-----------------|----------------|----------------|-----------------------|----------|
| 78101118345     | <b>BF13</b>    | With 1/4" Hole | 100                   | 100      |
| 78101118340     | <b>BF12</b>    | For "S" Hooks  | 100                   | 100      |



**Guide-Rite™**  
Fastener  
BG Series



Push-Type  
BP Series

| UPC/Part Number | Catalog Number     | Conduit Size EMT & Rigid    | Static Load Cap. Lbs. | Box Qty. |
|-----------------|--------------------|-----------------------------|-----------------------|----------|
| 78101118445     | <b>BG-6-F13 *</b>  | 3/8"                        | 100                   | 100      |
| 78101118520     | <b>BG-8-12-F13</b> | 1/2", 3/4"                  | 100                   | 100      |
| 78101118590     | <b>BG-16-F13</b>   | 1"                          | 100                   | 100      |
| 78101118675     | <b>BG-20-F13</b>   | 1 1/4"                      | 100                   | 100      |
| 78101119290     | <b>BP-8-F13</b>    | 1/2" EMT                    | 25                    | 100      |
| 78101119390     | <b>BP-12-F13</b>   | 3/4" EMT<br>1/2" IMC, Rigid | 25                    | 100      |
| 78101119480     | <b>BP-16-F13</b>   | 1" EMT<br>3/4" IMC, Rigid   | 25                    | 50       |

\* BG-6 will accept the following range  $\varnothing.420 - \varnothing.675$ :  
14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

Read safety/installation instruction sheets in packages before use.

# Hangers

## Universal Beam Fasteners



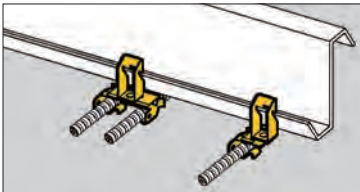
| UPC/Part Number | Catalog Number | Description               | Static Load Cap. | Box Qty. |
|-----------------|----------------|---------------------------|------------------|----------|
| 78101118920     | <b>BH1-F12</b> | #8 Wire or 1/4" Plain Rod | 100 Lbs.         | 100      |
| 78101118960     | <b>BH2-F12</b> | 3/8" Plain Rod            | 100 Lbs.         | 100      |



| UPC/Part Number | Catalog Number   | Threaded Rod Size | Static Load Cap. | Box Qty. |
|-----------------|------------------|-------------------|------------------|----------|
| 78101119000     | <b>BH4-F12</b>   | 1/4"              | 100 Lbs.         | 100      |
| 78101119080     | <b>BH6-F12</b>   | 3/8"              | 100 Lbs.         | 100      |
| 78101119040     | <b>BH5-F12 *</b> | 1/4" & 3/8"       | 100 Lbs.         | 100      |

\*Nuts required.

Note: BH4 and BH6 have thread impressions.



- Compensates for angle of purlin lip.
- Attaches MC, AC, sizes 14/2 through 10/3 or 3/8" FMC to "Z" Purlins up to 3/32" thick.
- Fastener will rotate 360°.
- Simply installed with a hammer.

## Cable To "Z" Purlin Flange Hangers



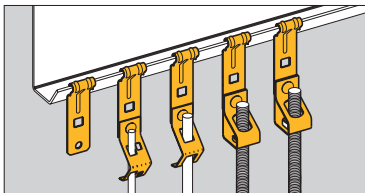
BX4-F13



BX4M-F13

| UPC/Part Number | Catalog Number  | Description | Flange Thickness | Box Qty. |
|-----------------|-----------------|-------------|------------------|----------|
| 78101101188     | <b>BX4-F13</b>  | Single Runs | Thru 3/32"       | 100      |
| 78101101204     | <b>BX4M-F13</b> | Double Runs | Thru 3/32"       | 100      |

Read safety/installation instruction sheets in packages before use.



## "Z" Purlin Flange Hangers

- Suspend wire, or plain and threaded rod from "Z" Purlins.
- Fits "Z" Purlins 1/16" to 1/4" thick.
- Simply installed with a hammer.
- Static Load Capacity: 160 Lbs.



| UPC/Part Number | Catalog Number | Description                                 | Box Qty. |
|-----------------|----------------|---|----------|
| 78101104271     | <b>BF4</b>     | For "S" Hooks, Bolting Straps and Wrap Wire | 100      |

*Read safety/installation instruction sheets in packages before use.*

# Hangers

## "Z" Purlin Flange Hangers



| UPC/Part Number | Catalog Number | Description               | Box Qty. |
|-----------------|----------------|---------------------------|----------|
| 78101104274     | <b>BH1-F4</b>  | #8 Wire or 1/4" Plain Rod | 100      |
| 78101104276     | <b>BH2-F4</b>  | 3/8" Plain Rod            | 100      |

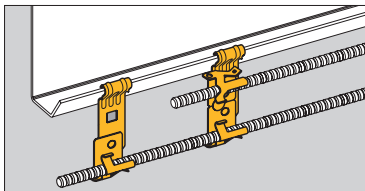


| UPC/Part Number | Catalog Number  | Threaded Rod Size | Box Qty. |
|-----------------|-----------------|-------------------|----------|
| 78101104286     | <b>BH4-F4</b>   | 1/4"              | 100      |
| 78101104280     | <b>BH6-F4</b>   | 3/8"              | 100      |
| 78101104278     | <b>BH5-F4 *</b> | 1/4" - 3/8"       | 100      |

\* Nuts required.

Note: BH4 & BH6 have thread impressions.

*Read safety/installation instruction sheets in packages before use.*



- Attaches MC, AC, sizes 14/2 thru 10/3 or 3/8" FMC to "Z" Purlins.
- Fits "Z" Purlin flanges 1/16" to 1/4" thick.
- Fastener will rotate 360°.

## Cable To "Z" Purlin Flange Hangers



| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78101104931     | <b>BX4-F4</b>  | Single Runs | 100      |

These products are designed for positioning only. No load rating.

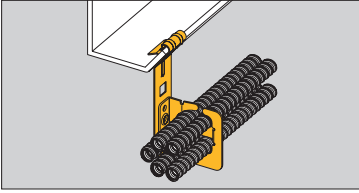


| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78101104932     | <b>BX4M-F4</b> | Double Runs | 100      |

These products are designed for positioning only. No load rating.

*Read safety/installation instruction sheets in packages before use.*

# Hangers



## MC/AC Cable Carrier to 'Z' Purlin Flange Hanger

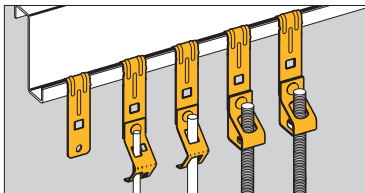
- Secures and supports multiple runs of MC/AC cable to 'Z' purlins.
- Effectively organizes cables and eliminates derating issues.
- Retention tab is open for easy loading and unloading and contains cables when bent in place.
- Load Capacity: 50 lbs.



| UPC/Part Number | Catalog Number  | Cable Diameter & Number of Runs | Box Qty. |
|-----------------|-----------------|---------------------------------|----------|
| 78205144084     | <b>BRC51-F4</b> | .430" to .560"<br>Up to 4 Runs  | 25       |
| 78205144085     | <b>BRC52-F4</b> | .430" to .560"<br>Up to 9 Runs  | 25       |
| 78205144086     | <b>BRC53-F4</b> | .560" to .690"<br>Up to 7 Runs  | 25       |

Read safety/installation instruction sheets in packages before use.





- Suspend wire, or plain and threaded rod from vertical flanges.
- Fits vertical flanges 1/16" to 1/4" thick.
- Static Load Capacity: 160 Lbs.

## Vertical Flange Hangers



| UPC/Part Number | Catalog Number | Description                                 | Box Qty. |
|-----------------|----------------|---|----------|
| 78101104270     | <b>BF3</b>     | For "S" Hooks, Bolting Straps and Wrap Wire | 100      |

*Read safety/installation instruction sheets in packages before use.*

# Hangers

## Vertical Flange Hangers



| UPC/Part Number | Catalog Number | Description               | Box Qty. |
|-----------------|----------------|---------------------------|----------|
| 78101104273     | <b>BH1-F3</b>  | #8 Wire or 1/4" Plain Rod | 100      |
| 78101104275     | <b>BH2-F3</b>  | 3/8" Plain Rod            | 100      |

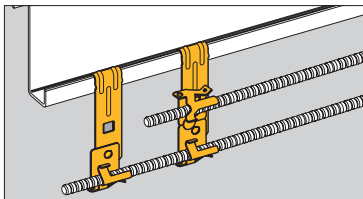


4 1/4"  
Overall Height

| UPC/Part Number | Catalog Number  | Threaded Rod Size | Box Qty. |
|-----------------|-----------------|-------------------|----------|
| 78101104285     | <b>BH4-F3</b>   | 1/4"              | 100      |
| 78101104279     | <b>BH6-F3</b>   | 3/8"              | 100      |
| 78101104933     | <b>BH5-F3 *</b> | 1/4", 3/8"        | 100      |

\* Nuts required.

Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.



## Cable To Vertical Flange Hangers

- Attaches MC, AC, sizes 14/2 through 10/3 or 3/8" flexible conduit FMC to vertical flanges 1/16" to 1/4" thick.
- Fastener will rotate 360°.
- Simply installed with a hammer.



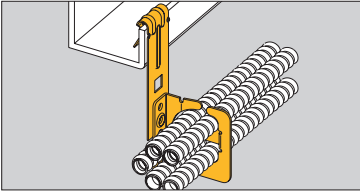
| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78101104281     | <b>BX4-F3</b>  | Single Runs | 100      |



| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78101104282     | <b>BX4M-F3</b> | Double Runs | 100      |

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Hangers

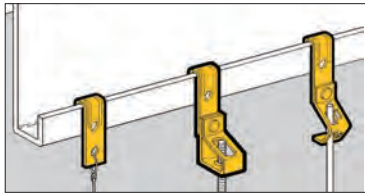


## MC/AC Cable Carrier To Vertical Flange Hanger

- Secures and supports multiple runs of MC/AC cable to vertical flanges.
- Effectively organizes cables and eliminates derating issues.
- Retention tab is open for easy loading and unloading and contains cables when bent in place.
- Load Capacity: 50 lbs.



| UPC/Part Number | Catalog Number  | Cable Diameter & Number of Runs | Box Qty. |
|-----------------|-----------------|---------------------------------|----------|
| 78205144081     | <b>BRC51-F3</b> | .430" to .560"<br>Up to 4 Runs  | 25       |
| 78205144084     | <b>BRC52-F3</b> | .430" to .560"<br>Up to 9 Runs  | 25       |
| 78205144083     | <b>BRC53-F3</b> | .560" to .690"<br>Up to 7 Runs  | 25       |



- Suspend wire, or plain or threaded rod from vertical flanges.
- Fits vertical flanges  $\frac{1}{16}$ " to  $\frac{1}{4}$ " thick.
- Static Load Capacity: 160 Lbs.

## Vertical Flange Hangers



| UPC/Part Number | Catalog Number | Flange Thickness                    | Description                                 | Box Qty. |
|-----------------|----------------|-------------------------------------|---|----------|
| 78101118310     | <b>BF1</b>     | $\frac{1}{16}$ " - $\frac{5}{32}$ " | For "S" Hooks, Bolting Straps and Wrap Wire | 100      |
| 78101118315     | <b>BF2</b>     | $\frac{5}{32}$ " - $\frac{1}{4}$ "  | For "S" Hooks, Bolting Straps and Wrap Wire | 100      |



| UPC/Part Number | Catalog Number | Flange Thickness                    | Description                          | Box Qty. |
|-----------------|----------------|-------------------------------------|--------------------------------------|----------|
| 78101118915     | <b>BH1-F1</b>  | $\frac{1}{16}$ " - $\frac{5}{32}$ " | #8 Wire or $\frac{1}{4}$ " Plain Rod | 100      |
| 78101118925     | <b>BH1-F2</b>  | $\frac{5}{32}$ " - $\frac{1}{4}$ "  | #8 Wire or $\frac{1}{4}$ " Plain Rod | 100      |

Read safety/installation instruction sheets in packages before use.

# Hangers

## Vertical Flange Hangers



| UPC/Part Number | Catalog Number | Flange Thickness | Plain Rod Size | Box Qty. |
|-----------------|----------------|------------------|----------------|----------|
| 78101118955     | <b>BH2-F1</b>  | 1/16" - 5/32"    | 3/8"           | 100      |
| 78101118965     | <b>BH2-F2</b>  | 5/32" - 1/4"     | 3/8"           | 100      |



| UPC/Part Number | Catalog Number | Flange Thickness | Threaded Rod Size | Box Qty. |
|-----------------|----------------|------------------|-------------------|----------|
|-----------------|----------------|------------------|-------------------|----------|

### With Thread Impression

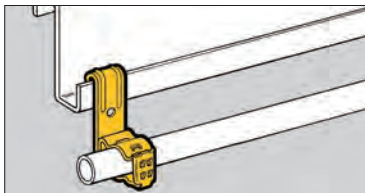
|             |               |               |      |     |
|-------------|---------------|---------------|------|-----|
| 78101118995 | <b>BH4-F1</b> | 1/16" - 5/32" | 1/4" | 100 |
| 78101119075 | <b>BH6-F1</b> | 1/16" - 5/32" | 3/8" | 100 |
| 78101119005 | <b>BH4-F2</b> | 5/32" - 1/4"  | 1/4" | 100 |
| 78101119085 | <b>BH6-F2</b> | 5/32" - 1/4"  | 3/8" | 100 |

### With Clearance Hole

|             |                 |               |            |     |
|-------------|-----------------|---------------|------------|-----|
| 78101118995 | <b>BH5-F1 *</b> | 1/16" - 5/32" | 1/4", 3/8" | 100 |
| 78101119075 | <b>BH5-F2 *</b> | 5/32" - 1/4"  | 1/4", 3/8" | 100 |

\* Nuts required.

Read safety/installation instruction sheets in packages before use.



## Conduit To Vertical Flange Hangers

- Supports 3/8" to 1" conduit from vertical flanges 1/16" to 1/4" thick.
- Patented Guide-Rite™ feature ensures fastener will close and lock every time.
- Simply installed with a hammer and pliers.
- Static Load Capacity: 25 Lbs.



**Guide-Rite™**  
Fastener



| UPC/Part Number | Catalog Number    | Conduit Size | Flange Thickness | Box Qty. |
|-----------------|-------------------|--------------|------------------|----------|
| 78101119957     | <b>BG-6-F1 *</b>  | 3/8"         | 1/16" - 5/32"    | 100      |
| 78101119960     | <b>BG-6-F2 *</b>  | 3/8"         | 5/32" - 1/4"     | 100      |
| 78101119958     | <b>BG-8-12-F1</b> | 1/2" & 3/8"  | 1/16" - 5/32"    | 100      |
| 78101119961     | <b>BG-8-12-F2</b> | 1/2" & 3/8"  | 5/32" - 1/4"     | 100      |
| 78101119958     | <b>BG-16-F1</b>   | 1"           | 1/16" - 5/32"    | 100      |
| 78101119961     | <b>BG-16-F2</b>   | 1"           | 5/32" - 1/4"     | 100      |

Patent #4958792

\* BG-6 will accept the following range Ø.420 - Ø.675:  
14/2 thru 10/4 MC/AC cable and 1/16" or 3/8" flexible conduit

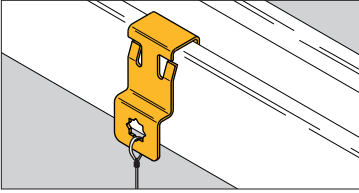


| UPC/Part Number | Catalog Number | Wire Size                  | Flange Thickness | Box Qty. |
|-----------------|----------------|----------------------------|------------------|----------|
| 78101103556     | <b>BRC3-F1</b> | 14/2 & 12/2<br>With Ground | 1/16" - 5/32"    | 100      |
| 78101103557     | <b>BRC3-F2</b> | 14/2 & 12/2<br>With Ground | 5/32" - 1/4"     | 100      |

Note: These products are designed for positioning only. No load rating.

Read safety/installation instruction sheets in packages before use.

# Hangers



## Strut Fasteners



- The BSC4 Series provides a simple, snap-on attachment to strut, eliminating the need for tools and/or drilling during installation.
- Ideal for retrofit and add-on applications.
- BSC4 provides a 1/4" mounting hole along the side of a standard strut member.
- Riveted assemblies allow for easy attachment of conduit, cable and rod.

| UPC/Part Number | Catalog Number | Description | Load Capacity | Box Qty. |
|-----------------|----------------|-------------|---------------|----------|
| 78205146573     | <b>BSC4</b>    | Strut Clip  | 60 lbs.       | 100      |



| UPC/Part Number | Catalog Number | Rod Size | Load Capacity | Box Qty. |
|-----------------|----------------|----------|---------------|----------|
| 78205146581     | <b>BH4-SC4</b> | 1/4"-20  | 60 lbs.       | 100      |
| 78205146582     | <b>BH6-SC4</b> | 3/8"-16  | 60 lbs.       | 100      |

Read safety/installation instruction sheets in packages before use.





BG\_-SC4



BP\_-SC4



BL14\_-SC4

| UPC/Part Number | Catalog Number    | Conduit Size | Load Capacity | Box Qty. |
|-----------------|-------------------|--------------|---------------|----------|
| 78205146577     | <b>BG6-SC4</b>    | MC/AC & 3/8" | 25 lbs.       | 100      |
| 78205146578     | <b>BG812-SC4</b>  | 1/2" & 3/4"  | 25 lbs.       | 100      |
| 78205146579     | <b>BP8-SC4</b>    | 1/2"         | 15 lbs.       | 100      |
| 78205146580     | <b>BP12-SC4</b>   | 3/4"         | 15 lbs.       | 100      |
| 78205146588     | <b>BL1400-SC4</b> | 1/2"         | 60 lbs.       | 100      |
| 78205146589     | <b>BL1410-SC4</b> | 3/4"         | 60 lbs.       | 100      |
| 78205146590     | <b>BL1420-SC4</b> | 1"           | 60 lbs.       | 100      |



BX4M\_-SC4

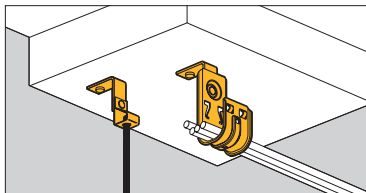


BRC5\_-SC4

| UPC/Part Number | Catalog Number   | Cable Size Runs                | Load Capacity | Box Qty. |
|-----------------|------------------|--------------------------------|---------------|----------|
| 78205146584     | <b>BX4M-SC4</b>  | 14/2 - 10/3<br>up to 2 runs    | –             | 100      |
| 78205146585     | <b>BRC51-SC4</b> | .430" to .560"<br>up to 4 runs | 50 lbs.       | 100      |
| 78205146586     | <b>BRC52-SC4</b> | .430" to .560"<br>up to 9 runs | 50 lbs.       | 100      |
| 78205146587     | <b>BRC53-SC4</b> | .560" to .690"<br>up to 7 runs | 50 lbs.       | 100      |

Read safety/installation instruction sheets in packages before use.

# Hangers



- Special support bracket allows clearance for powder actuated tools.
- Exclusive 1/4" drive pin now pre-installed.
- Pins rated for concrete up to 4000 psi.
- Static Load Capacity: 30 Lbs. unless specified. Limited by fastener assembly. Pin rating must be considered before installation.

## Drive Pin Fasteners



BPNA



BCH21-PNA  
BCH32-PNA



BH-PNA



BH1-PNA  
BH2-PNA

| UPC/Part Number | Catalog Number   | Description               | Box Qty. |
|-----------------|------------------|---------------------------|----------|
| 78205125583     | <b>BPNA</b>      | Angle Bracket             | 100      |
| 78205128090     | <b>BCH12-PNA</b> | 3/4" Cable Hook           | 100      |
| 78205125584     | <b>BCH21-PNA</b> | 1 5/16" Cable Hook        | 50       |
| 78205125586     | <b>BCH32-PNA</b> | 2" Cable Hook             | 50       |
| 78205125588     | <b>BCH64-PNA</b> | 4" Cable Hook             | 25       |
| 78205125611     | <b>BH-PNA</b>    | Strap Hanger              | 100      |
| 78205125593     | <b>BH1-PNA</b>   | #8 Wire or 1/4" Plain Rod | 100      |
| 78205125596     | <b>BH2-PNA</b>   | 3/8" Plain Rod            | 100      |

Read safety/installation instruction sheets in packages before use.

## Drive Pin Fasteners



BH\_PNA



BG\_PNA



BP\_PNA



BL14\_PNA



BX4\_PNA



BX4M\_PNA

| UPC/Part Number | Catalog Number     | Description                     | Box Qty. |
|-----------------|--------------------|---------------------------------|----------|
| 78205125604     | <b>BH4-PNA *</b>   | 1/4" Threaded Rod               | 100      |
| 78205125606     | <b>BH6-PNA *</b>   | 3/8" Threaded Rod<br>Cable Hook | 100      |
| 78205125605     | <b>BH5-PNA **</b>  | 1/4" or 3/8"<br>Threaded Rod    | 100      |
| 78205125613     | <b>BG6-PNA ***</b> | 3/8" Conduit                    | 100      |
| 78205125615     | <b>BG8-12-PNA</b>  | 1/2" & 3/4"<br>Conduit          | 100      |
| 78205125616     | <b>BG16-PNA</b>    | 1" Conduit                      | 100      |
| 78205125623     | <b>BP8-PNA</b>     | 1/2" EMT                        | 100      |
| 78205125624     | <b>BP12-PNA</b>    | 3/4" EMT                        | 100      |
| 78205125630     | <b>BP16-PNA</b>    | 1" EMT                          | 100      |
| 78205125620     | <b>BL1400-PNA</b>  | 1/2" Conduit                    | 100      |
| 78205125621     | <b>BL1410-PNA</b>  | 3/4" Conduit                    | 100      |
| 78205125622     | <b>BL1420-PNA</b>  | 1" Conduit                      | 100      |
| 78205125590     | <b>BX4-PNA</b>     | Single Run<br>MC, AC or FMC     | 100      |
| 78205125591     | <b>BX4M-PNA</b>    | Double Run<br>MC, AC or FMC     | 100      |

\* With threaded impressions. \*\* Nuts required.

\*\*\* BG-6 will accept the following range  $\varnothing.420 - \varnothing.675$ :

14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit

Read safety/installation instruction sheets in packages before use.

## Deck Hanger Bracket



### BDH Series and Riveted Assemblies

- Supports conduit or pipe up to 1½" diameter
- Provides minimum conduit standoff of 1½" to meet the NEC® section 300.4(E)†
- Attach BDH1 thru BDH3 to deck or other structure using ¼" or ⅜" diameter fasteners to hang ¼" or ⅜" ATR (see table for hole sizes of their respective parts)
- For single conduit runs up to 1½" diameter, deck hanger is paired with conduit hanger and Guide-Rite™ fastener
- S18 assembly includes Guide Rite conduit and electrical box support hanger, which helps ensure proper support of boxes and conduit per NEC

NOTE: Use appropriate installation hardware (not included) for the specific product application, mounting surface and loads.

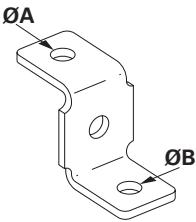


Fig. 1

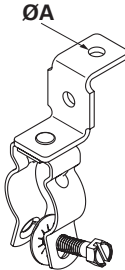


Fig. 2

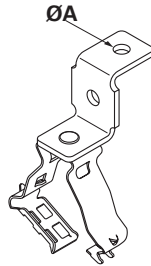
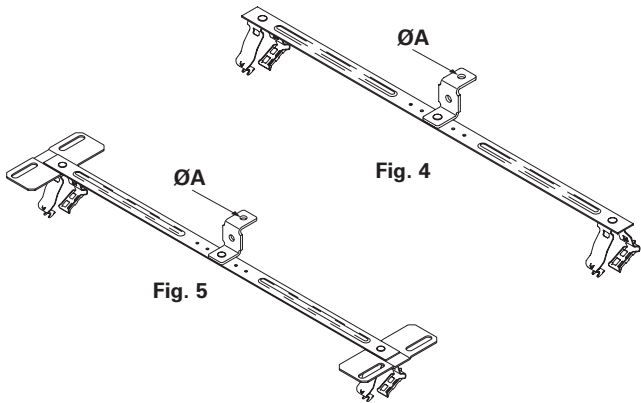


Fig. 3

#### Material/Finish:

BDH series hangers, BL1400 series conduit hangers & S18 bar are galvanized steel  
BG series conduit clips are spring steel/zinc phosphate

All other trademarks are property of their respective owners.

Deck Hanger Bracket *cont'd.*

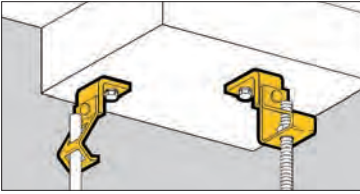
| Catalog No.             | Fig No. | Hole Ø |      | Conduit Ø              | Static Load* lbs(kg) | Box Qty |
|-------------------------|---------|--------|------|------------------------|----------------------|---------|
|                         |         | A      | B    |                        |                      |         |
| <b>BDH1</b>             | 1       | 1/4"   | 1/4" | —                      | 230 (104)            | 100     |
| <b>BDH2</b>             | 1       | 1/4"   | 3/8" | —                      | 230 (104)            | 100     |
| <b>BDH3</b>             | 1       | 3/8"   | 3/8" | —                      | 250 (113)            | 100     |
| <b>BL1400-DH</b>        | 2       | 1/4"   | —    | 1/2" EMT/RGD           | 100 (45)             | 50      |
| <b>BL1410-DH</b>        | 2       | 1/4"   | —    | 3/4" EMT/RGD           | 100 (45)             | 50      |
| <b>BL1420-DH</b>        | 2       | 1/4"   | —    | 1" EMT/RGD             | 100 (45)             | 50      |
| <b>BL1425-DH</b>        | 2       | 1/4"   | —    | 1 1/4" EMT             | 100 (45)             | 50      |
| <b>BL1430-DH</b>        | 2       | 1/4"   | —    | 1 1/2" EMT, 1 1/4" RGD | 100 (45)             | 50      |
| <b>BG6-DH</b>           | 3       | 1/4"   | —    | 3/8" EMT/RGD**         | 25 (11)              | 50      |
| <b>BG812-DH</b>         | 3       | 1/4"   | —    | 1/2" - 3/4" EMT/RGD    | 50 (23)              | 50      |
| <b>BG16-DH</b>          | 3       | 1/4"   | —    | 1" EMT/RGD             | 60 (27)              | 50      |
| <b>BG20-DH</b>          | 3       | 1/4"   | —    | 1 1/4" EMT/RGD         | 75 (34)              | 50      |
| <b>BG24-DH</b>          | 3       | 1/4"   | —    | 1 1/2" EMT/RGD         | 80 (36)              | 50      |
| <b>BG6-S18-DH</b>       | 4       | 1/4"   | —    | 3/8" EMT/RGD**         | 25 (10)              | 25      |
| <b>BG812-S18-DH</b>     | 4       | 1/4"   | —    | 1/2" - 3/4" EMT/RGD    | 25 (10)              | 25      |
| <b>BG16-S18-DH</b>      | 4       | 1/4"   | —    | 1" EMT/RGD             | 25 (10)              | 25      |
| <b>BG6-S18-DH-MC3</b>   | 5       | 1/4"   | —    | 3/8" EMT/RGD**         | 25 (10)              | 25      |
| <b>BG812-S18-DH-MC3</b> | 5       | 1/4"   | —    | 1/2" - 3/4" EMT/RGD    | 25 (10)              | 25      |
| <b>BG16-S18-DH-MC3</b>  | 5       | 1/4"   | —    | 1" EMT/RGD             | 25 (10)              | 25      |

\*Static load limits are for deck hanger brackets only; use appropriate mounting hardware.

\*\*Accepts .420 - .675 diameter; 14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit.

† NEC® Section 300.4(E) states that cables and raceways must be installed at least 1 1/2" (38 mm) under the roof decking to prevent potential damage from nails or screws.

# Hangers



- Suspend plain or threaded rod and drop wire from ceilings, walls, concrete beams, joists and laminated wood beams.
- Clearance hole for 1/4" bolt provided.
- Static Load Capacity: 160 Lbs.

## Angle Bracket Fasteners



| UPC/Part Number | Catalog Number | Description               | Box Qty. |
|-----------------|----------------|---------------------------|----------|
| 78101118930     | <b>BH1-H7</b>  | #8 Wire or 1/4" Plain Rod | 100      |
| 78101118975     | <b>BH2-H7</b>  | For 3/8" Plain Rod        | 100      |



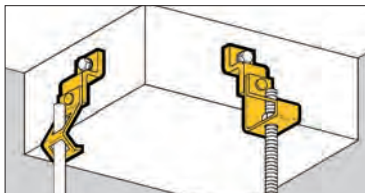
| UPC/Part Number | Catalog Number  | Threaded Rod Size  | Box Qty. |
|-----------------|-----------------|--------------------|----------|
| 78101119010     | <b>BH4-H7</b>   | 1/4"-20            | 100      |
| 78101119090     | <b>BH6-H7</b>   | 3/8"-16            | 100      |
| 78101119050     | <b>BH5-H7 *</b> | 1/4"-20 or 3/8"-16 | 100      |

\* Nuts required.

Note: BH4 & BH6 have thread impressions.

Read safety/installation instruction sheets in packages before use.

Eaton's B-Line series fasteners [Eaton.com/b-lineseries](http://Eaton.com/b-lineseries)



- Suspend plain or threaded rod and drop wire from ceilings, walls, beams, and joists.
- Clearance hole for 1/4" bolt provided.
- Static Load Capacity: 160 Lbs.

## Offset Bracket Fasteners



| UPC/Part Number | Catalog Number | Description               | Box Qty. |
|-----------------|----------------|---------------------------|----------|
| 78101118935     | <b>BH1-H8</b>  | #8 Wire or 1/4" Plain Rod | 100      |
| 78101118975     | <b>BH2-H8</b>  | 3/8" Plain Rod            | 100      |



| UPC/Part Number | Catalog Number  | Threaded Rod Size  | Box Qty. |
|-----------------|-----------------|--------------------|----------|
| 78101119015     | <b>BH4-H8</b>   | 1/4"-20            | 100      |
| 78101119095     | <b>BH6-H8</b>   | 3/8"-16            | 100      |
| 78101119055     | <b>BH5-H8 *</b> | 1/4"-20 or 3/8"-16 | 100      |

\* Nuts required.

Note: BH4 & BH6 have thread impressions.

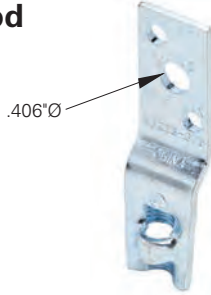
*Read safety/installation instruction sheets in packages before use.*

# Hangers

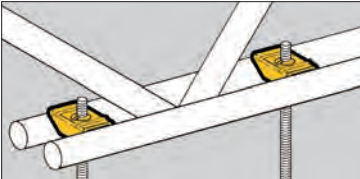


- Suspend  $\frac{3}{8}$ " threaded rod from ceilings, walls, beams, and joists.
- Finish: Zinc Plated.
- Static Load Capacity: 610 Lbs.

## Threaded Rod Hangers



| UPC/Part Number | Catalog Number       | Description       | Box Qty. |
|-----------------|----------------------|-------------------|----------|
| 78101101661     | B3223- $\frac{3}{8}$ | Offset Eye Socket | 100      |



- Allows centering on all open web joists with round bottom chords.
- Static Load Capacity:  
BH11 = 200 Lbs.  
BH12 = 100 Lbs.

## Wedge Hangers



BH11



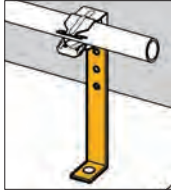
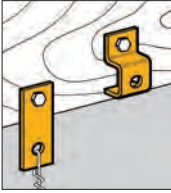
BH12



| UPC/Part Number | Catalog Number | Description                               | Box Qty. |
|-----------------|----------------|---|----------|
| 78101118860     | BH11           | With $\frac{3}{8}$ " Clearance Hole       | 100      |
| 78101118865     | BH12           | With $\frac{1}{4}$ "-20 Thread Impression | 100      |

Read safety/installation instruction sheets in packages before use.





- Brackets are easily attached with screws or drive pins to wood, concrete or steel structures.
- Brackets are adaptable for use with a wide variety of fasteners, wires, "S" hooks and hangers.



BD2



BD4



BA28B

| UPC/Part Number | Catalog Number | Description    | Box Qty. |
|-----------------|----------------|----------------|----------|
| 78101101686     | <b>BD2</b>     | Flat Bracket   | 100      |
| 78101118280     | <b>BD4</b>     | Offset Bracket | 100      |
| 78101101449     | <b>BA28B</b>   | Angle Bracket  | 100      |

*Read safety/installation instruction sheets in packages before use.*

# Hangers

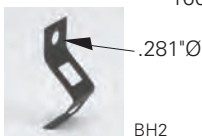


- BH1, BH2: Supports wire or plain rod.
- BH7, BH8: For wire or chain drop from concrete or wood.
- BH4, BH5, BH6 supports 1/4" or 3/8" threaded rod.
- Static Load Capacity: 160 Lbs.

## Components



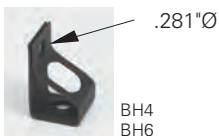
BH1



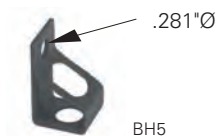
BH2



| UPC/Part Number | Catalog Number | Description               | Box Qty. |
|-----------------|----------------|---------------------------|----------|
| 78101118800     | <b>BH1</b>     | #8 Wire or 1/4" Plain Rod | 100      |
| 78101118805     | <b>BH2</b>     | For 3/8" Plain Rod        | 100      |



BH4  
BH6



BH5

| UPC/Part Number | Catalog Number | Description                  | Box Qty. |
|-----------------|----------------|------------------------------|----------|
| 78101118815     | <b>BH4</b>     | For 1/4" Threaded Rod        | 100      |
| 78101118825     | <b>BH6</b>     | For 3/8" Threaded Rod        | 100      |
| 78101118820     | <b>BH5 *</b>   | For 1/4" & 3/8" Threaded Rod | 100      |

\* Nuts required.  
Note: BH4 & BH6 have thread impressions.



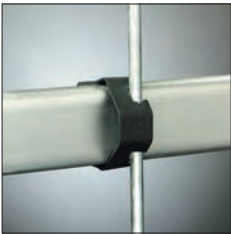
BH7



BH8

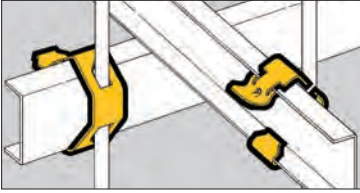
| UPC/Part Number | Catalog Number | Description                               | Box Qty. |
|-----------------|----------------|---|----------|
| 78101118830     | <b>BH7</b>     | Angle Bracket With .281"Ø Holes           | 100      |
| 78101118835     | <b>BH7-6</b>   | Angle Bracket With .281"Ø & .406"Ø Holes  | 100      |
| 78101118840     | <b>BH8</b>     | Offset Bracket With .281"Ø Holes          | 100      |
| 78101118845     | <b>BH8-6</b>   | Offset Bracket With .281"Ø & .406"Ø Holes | 100      |

Read safety/installation instruction sheets in packages before use.



*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*

# Lathers channel



- For fastening standard lathers channels to wires and plain rods.
- Fits 1/2" through 5/8" channel flange widths.
- Accepted for use by the City of New York Department of Buildings. MEA 383-91-M.
- Static Load Capacity: 160 Lbs.

## Rod & Wire Fasteners

### Side Mounts



BL-24-2



BL-24-4



| UPC/Part Number | Catalog Number | Channel Size | Rod/Wire Size | Box Qty. |
|-----------------|----------------|--------------|---------------|----------|
| 78101119882     | <b>BL-24-2</b> | 1 1/2"       | #8 Wire       | 100      |
| 78101119883     | <b>BL-24-4</b> | 1 1/2"       | 1/4"          | 100      |
| 78101119885     | <b>BL-32-4</b> | 2"           | 1/4"          | 100      |

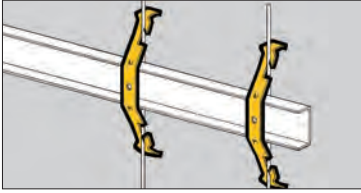


Center Mount



| UPC/Part Number | Catalog Number  | Channel Size | Rod/Wire Size | Box Qty. |
|-----------------|-----------------|--------------|---------------|----------|
| 78101119884     | <b>BL-24-4C</b> | 1 1/2"       | 1/4" Rod      | 100      |

Read safety/installation instruction sheets in packages before use.

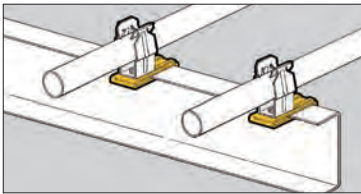


- For fastening standard 1½" lathers channel to wires and plain rods.
- Wire size: #8 and #9.
- Rod size: 3/16" and 1/4".
- Fits 9/16" thru 5/8" channel flange widths.
- Static Load Capacity: 100 Lbs.

## Rod & Wire Fasteners



| UPC/Part Number | Catalog Number | Description           | Box Qty. |
|-----------------|----------------|-----------------------|----------|
| 78101119880     | <b>BL1</b>     | Channel to Rod & Wire | 100      |



- Serves as a mounting base for conduit fasteners or electrical boxes.
- Attaches to either flange of lathers channel with 1/4"-20 screw (furnished).
- Fits channel flange widths up to 5/8".

## Flange Fasteners

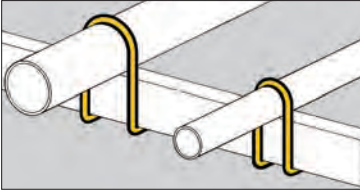


| UPC/Part Number | Catalog Number | Description                | Box Qty. |
|-----------------|----------------|----------------------------|----------|
| 78101119881     | <b>BL2</b>     | Flange Fastener with Screw | 100      |

Note: This product is designed for positioning only. No load rating.

Read safety/installation instruction sheets in packages before use.

# Lathers channel



- Fastens EMT to 1½" lathers channel.
- Static Load Capacity: 50 Lbs.
- Finish: Zinc Plated.

## Conduit Fasteners

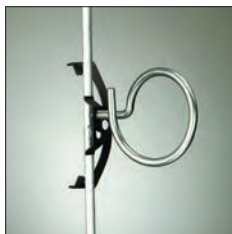


BL3-20

BL3-12

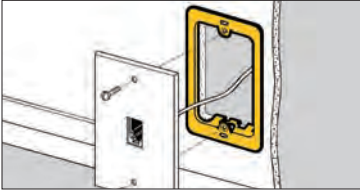
| UPC/Part Number | Catalog Number | EMT Conduit Size | Box Qty. |
|-----------------|----------------|------------------|----------|
| 78101119902     | <b>BL3-8</b>   | ½"               | 100      |
| 78101119903     | <b>BL3-12</b>  | ¾"               | 100      |
| 78101119904     | <b>BL3-16</b>  | 1"               | 100      |
| 78101119905     | <b>BL3-20</b>  | 1¼"              | 100      |

*Read safety/installation instruction sheets in packages before use.*



For NEC, TIA, EIA requirements go to  
<https://catalog.nfpa.org/NEC-Online-C3776.aspx>

*Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.*



- Replaces electrical box in Class 2 low voltage installations.
- Provides attachment base for low voltage outlets.
- Accepts Decora®† style cover plates.
- Maximum 1¼" drywall thickness.
- Finish: Pre-Galvanized.

## Cover Plate Mounting Brackets



BB10



BB10-2



BB10-3



BB10-4



BB20

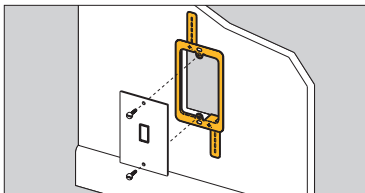
| UPC/Part Number | Catalog Number | Description                    | Box Qty. |
|-----------------|----------------|--------------------------------|----------|
| 78101118150     | <b>BB10</b>    | Single Gang Bracket            | 50       |
| 78101118152     | <b>BB10-2</b>  | Mounts Two (2) Single Plates   | 10       |
| 78101119878     | <b>BB10-3</b>  | Mounts Three (3) Single Plates | 10       |
| 78101119879     | <b>BB10-4</b>  | Mounts Four (4) Single Plates  | 10       |
| 78101118130     | <b>BB20</b>    | Double Gang Bracket            | 10       |

Patent # Re.33305

† All other trademarks are property of their respective owners.

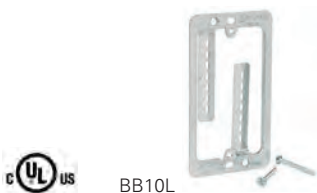
*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*





- Replaces electrical box in Class 2 low voltage installations.
- Provides attachment base for low voltage outlets.
- Maximum 1¼" drywall thickness.
- Finish: Pre-Galvanized.

## Cover Plate Mounting Bracket

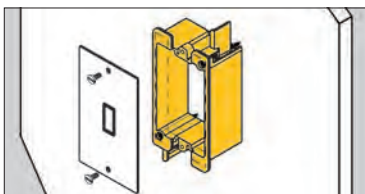


BB10L



BB20L

| UPC/Part Number | Catalog Number | Description         | Box Qty. |
|-----------------|----------------|---------------------|----------|
| 78101190895     | <b>BB10L</b>   | Single Gang Bracket | 50       |
| 78101190896     | <b>BB20L</b>   | Double Gang Bracket | 50       |



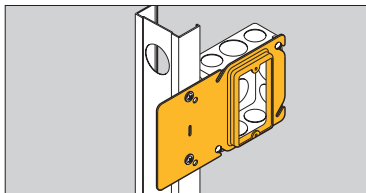
- Provides attachment base for low voltage outlets.
- Replaces electrical box in Class 2 low voltage installations.
- Design eliminates sharp edges from bracket.
- Maximum wall thickness: ¾".

## Plastic Cover Plate Mounting Bracket



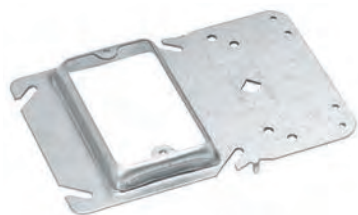
| UPC/Part Number | Catalog Number | Description         | Box Qty. |
|-----------------|----------------|---------------------|----------|
| 78205139235     | <b>BB10P</b>   | Single Gang Bracket | 50       |

Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



- Uni-Mount™ offers a secure box support for 4" square boxes and features a built-in plaster ring.
- Rigid bracket design eliminates the need for far-side support.
- Replaces electrical boxes in Class 2 low voltage installations.
- Guide tabs ensure consistent alignment on studs.
- Finish: Pre-Galvanized.

## Uni-Mount Box Support/Cover Plate Mounting Brackets



Single Gang



| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78205122768     | <b>BB40-08</b> | 1/2" Raise  | 50       |
| 78205122771     | <b>BB40-10</b> | 5/8" Raise  | 50       |
| 78205122772     | <b>BB40-12</b> | 3/4" Raise  | 50       |



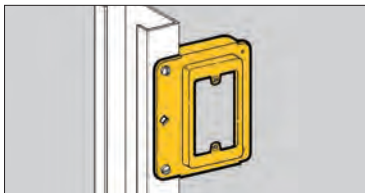
Double Gang



| UPC/Part Number | Catalog Number | Description | Box Qty. |
|-----------------|----------------|-------------|----------|
| 78205122773     | <b>BB45-08</b> | 1/2" Raise  | 50       |
| 78205122774     | <b>BB45-10</b> | 5/8" Raise  | 50       |
| 78205122775     | <b>BB45-12</b> | 3/4" Raise  | 50       |

All other trademarks are property of their respective owners.

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

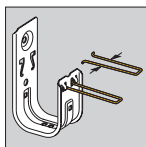


- Locates communication outlets before drywall is installed.
- Replaces electrical box in Class 2 low voltage installations.
- For 1/2" and 5/8" drywall applications.
- Finish: Pre-Galvanized.

## Cover Plate Mounting Bracket

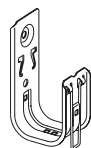


| UPC/Part Number | Catalog Number | Description              | Box Qty. |
|-----------------|----------------|--------------------------|----------|
| 78101119873     | <b>BB15</b>    | Single Gang Stud Bracket | 25       |

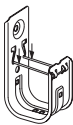


- Cable retainer clips are included with all cable hook purchases.
- Provides secure containment of cables and offers quick open/close feature to add or remove cables.
- Finish: Pre-Galvanized.

## Replacement Cable Retainer Clips



Retainer in open position



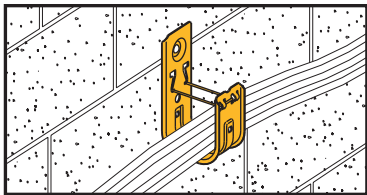
Push retainer down to lock

| UPC/Part Number | Catalog Number | Cable Retainer For Hook Size | Box Qty. |
|-----------------|----------------|------------------------------|----------|
| 78101104847     | <b>BCHR21</b>  | 1/2" Raise                   | 50       |
| 78101104848     | <b>BCHR32</b>  | 5/8" Raise                   | 50       |
| 78101104849     | <b>BCHR64</b>  | 3/4" Raise                   | 50       |

Patent #5961081

*Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.*

# Communication & low voltage



- Supports Cat. 5/5e/6/6A fiber optic, innerduct and low voltage cabling requirements.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

## Cable Hooks



BCH12



Open



Closed



BCH21



BCH32



BCH64

| UPC/Part Number | Catalog Number | Hook Size | Capacity Up To   | Box Qty. |
|-----------------|----------------|-----------|--|----------|
| 78205128060     | <b>BCH12</b>   | 3/4"      | 16 4-Pair UTP<br>Cat 5e or 2-Strand<br>Fiber Optic Cable<br>or 10 CAT6               | 50       |
| 78101104713     | <b>BCH21</b>   | 1 5/16"   | 50 4-Pair UTP<br>Cat 5e or 2-Strand<br>Fiber Optic Cable<br>or 32 CAT6 or 18 CAT6A   | 50       |
| 78101104713     | <b>BCH32</b>   | 2"        | 80 4-Pair UTP<br>Cat 5e or 2-Strand<br>Fiber Optic Cable<br>or 50 CAT6 or 25 CAT6A   | 50       |
| 78101104713     | <b>BCH64</b>   | 4"        | 300 4-Pair UTP<br>Cat 5e or 2-Strand<br>Fiber Optic Cable<br>or 185 CAT6 or 98 CAT6A | 25       |

Patent #5961081

**For special finish colors see page 156.**

(See pages 223-230 for reference data.)

*Read safety/installation instruction sheets in packages before use.*



## Painted Cable Hooks

- Powder coated cable hooks are available in a range of colors to help meet your cable identification requirements.
- Standard riveted assemblies are available with painted cable hooks.
- Part numbers can be made by adding the paint color suffix after the cable hook part number.
- Minimum order quantity 500 pieces.
- Standard lead time is 5-10 working days.

Bright White - BW  
Brown - BR  
Computer White - CW  
Equipment Blue - BL  
Flat Black - FB

Green - GR  
Orange - OR  
Regal Red - RR  
Safety Yellow - YL  
Telcom Gray - TG

**Part # Example:** Painted Cable Hook Part Number - BCH32BW  
Painted Cable Hook Assembly - BCH32BW-U24



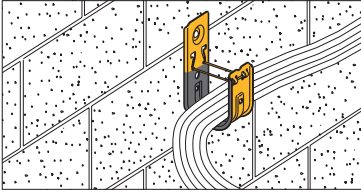
## J-Hook Color ID Clip

- Color-coded clips allow for content designation without inventorying various colored hardware.
- Easy to designate pathways to prevent crossover.
- Order separately and field install.
- Can be snapped on J-Hook after it has been installed.
- Manufactured from Underwriters Laboratories (UL) Listed material for plenum spaces.
- Suitable for 3/4", 1 5/16", 2", and 4" J-Hook sizes.
- Available in six (6) colors: Blue (BL), White (WH), Gray (GY), Orange (OR), Red (RD), and Yellow (YW).

**Part # Example:** Blue Colored ID Clip Part Number  
BCHID-BL12 - blue clip for BCH12 J-Hook

*Read safety/installation instruction sheets in packages before use.*

# Communication & low voltage



## X-Hook Low Friction Cable Hooks

- Xylan<sup>®†</sup> coating provides smooth frictionless surface for cable pulling.
- Great for use in corners, drop-outs or direction change.
- X-Hook has lower coefficient of friction than Teflon<sup>®†</sup>.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.



BCH64X

New Xylan<sup>®†</sup> coating reduces cable friction. Ideal for pulling cable.



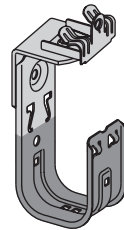
Cable rollers are too expensive and require installation and removal.

| UPC/Part Number | Catalog Number | Hook Size                        | Capacity   | Box Qty. |
|-----------------|----------------|----------------------------------|--|----------|
| 78205129940     | <b>BCH21X</b>  | 1 <sup>5</sup> / <sub>16</sub> " | 50 4-Pair UTP<br>Cat 5e or 2-Strand<br>Fiber Optic Cable<br>or 32 CAT6 or 18 CAT6A   | 50       |
| 78205129941     | <b>BCH32X</b>  | 2"                               | 80 4-Pair UTP<br>Cat 5e or 2-Strand<br>Fiber Optic Cable<br>or 50 CAT6 or 25 CAT6A   | 50       |
| 78205129942     | <b>BCH64X</b>  | 4"                               | 300 4-Pair UTP<br>Cat 5e or 2-Strand<br>Fiber Optic Cable<br>or 185 CAT6 or 98 CAT6A | 25       |

Note: For cable hook assemblies with X-Hooks add an X to the part number.

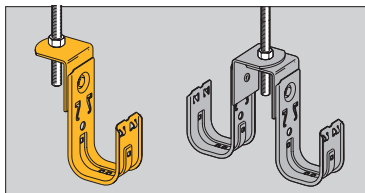
Example: BCH32X-U-2-4

(See pages 223-230 for reference data.)



† All other trademarks are property of their respective owners.

Read safety/installation instruction sheets in packages before use.

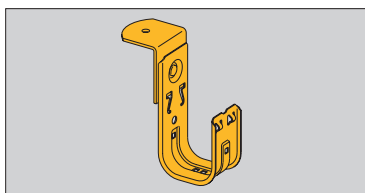


## Cable To ATR Fasteners



- .505" diameter hole designed to support cable from  $\frac{3}{8}$ " or  $\frac{1}{2}$ " threaded rod.
- Allows back-to-back and multi-tier installations.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

| UPC/Part Number | Catalog Number  | Hook Size          | Hole Size      | Box Qty. |
|-----------------|-----------------|--------------------|----------------|----------|
| 78101104725     | <b>BCH21-AB</b> | 1 $\frac{5}{16}$ " | .505" Diameter | 50       |
| 78101104729     | <b>BCH32-AB</b> | 2"                 | .505" Diameter | 50       |
| 78101104732     | <b>BCH64-AB</b> | 4"                 | .505" Diameter | 25       |



## Angle Bracket Cable Fasteners

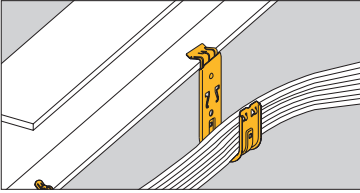


- Designed for direct attachment to structures.
- Supports cable from  $\frac{1}{4}$ " threaded rod.
- .265" diameter hole accepts anchors, screws or common nails.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

| UPC/Part Number | Catalog Number  | Hook Size          | Hole Size      | Box Qty. |
|-----------------|-----------------|--------------------|----------------|----------|
| 78205128089     | <b>BCH12-RB</b> | $\frac{3}{4}$ "    | .265" Diameter | 50       |
| 78101104735     | <b>BCH21-RB</b> | 1 $\frac{5}{16}$ " | .265" Diameter | 50       |
| 78101104738     | <b>BCH32-RB</b> | 2"                 | .265" Diameter | 50       |
| 78101104742     | <b>BCH64-RB</b> | 4"                 | .265" Diameter | 25       |

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.



- Permits fast and easy installation on beam flanges.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

## Cable To Beam Fasteners

Communication & Low Voltage

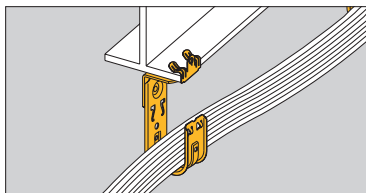


| UPC/Part Number | Catalog Number      | Hook Size | Flange Thickness | Box Qty. |
|-----------------|---------------------|-----------|------------------|----------|
| 78205128067     | <b>BCH12-E-2-4</b>  | 3/4"      | 1/8" to 1/4"     | 50       |
| 78205128072     | <b>BCH12-E-5-8</b>  | 3/4"      | 5/16" to 1/2"    | 50       |
| 78205128073     | <b>BCH12-E-9-12</b> | 3/4"      | 9/16" to 3/4"    | 50       |
| 78101104803     | <b>BCH21-E-2-4</b>  | 1 5/16"   | 1/8" to 1/4"     | 50       |
| 78101104805     | <b>BCH21-E-5-8</b>  | 1 5/16"   | 5/16" to 1/2"    | 50       |
| 78101104807     | <b>BCH21-E-9-12</b> | 1 5/16"   | 9/16" to 3/4"    | 50       |
| 78101104825     | <b>BCH32-E-2-4</b>  | 2"        | 1/8" to 1/4"     | 50       |
| 78101104827     | <b>BCH32-E-5-8</b>  | 2"        | 5/16" to 1/2"    | 50       |
| 78101104829     | <b>BCH32-E-9-12</b> | 2"        | 9/16" to 3/4"    | 50       |

(See pages 223-230 for reference data.)

*Read safety/installation instruction sheets in packages before use.*





- Permits fast and easy installation on beam flanges.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

## Cable To Beam Fasteners



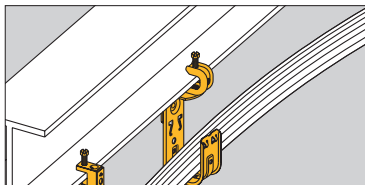
Allows  
360°  
Rotation

| UPC/Part Number | Catalog Number      | Hook Size | Flange Thickness | Box Qty. |
|-----------------|---------------------|-----------|------------------|----------|
| 78205128062     | <b>BCH12-U-2-4</b>  | 3/4"      | 1/8" to 1/4"     | 50       |
| 78205128064     | <b>BCH12-U-5-8</b>  | 3/4"      | 5/16" to 1/2"    | 50       |
| 78205128066     | <b>BCH12-U-9-12</b> | 3/4"      | 9/16" to 3/4"    | 50       |
| 78101104809     | <b>BCH21-U-2-4</b>  | 1 5/16"   | 1/8" to 1/4"     | 50       |
| 78101104811     | <b>BCH21-U-5-8</b>  | 1 5/16"   | 5/16" to 1/2"    | 50       |
| 78101104813     | <b>BCH21-U-9-12</b> | 1 5/16"   | 9/16" to 3/4"    | 50       |
| 78101104831     | <b>BCH32-U-2-4</b>  | 2"        | 1/8" to 1/4"     | 50       |
| 78101104833     | <b>BCH32-U-5-8</b>  | 2"        | 5/16" to 1/2"    | 50       |
| 78101104835     | <b>BCH32-U-9-12</b> | 2"        | 9/16" to 3/4"    | 50       |
| 78101104864     | <b>BCH64-U-2-4</b>  | 4"        | 1/8" to 1/4"     | 25       |
| 78101104865     | <b>BCH64-U-5-8</b>  | 4"        | 5/16" to 1/2"    | 25       |
| 78101104866     | <b>BCH64-U-9-12</b> | 4"        | 9/16" to 3/4"    | 25       |

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

# Communication & low voltage

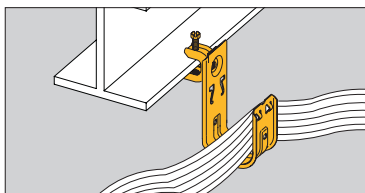


- 360° rotation allows cable to run in any direction.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

## Cable To Beam Fasteners



| UPC/Part Number | Catalog Number    | Hook Size | Flange Thickness | Box Qty. |
|-----------------|-------------------|-----------|------------------|----------|
| 78205128077     | <b>BCH12-C442</b> | 3/4"      | 1/8" to 5/8"     | 50       |
| 78101104823     | <b>BCH21-C442</b> | 1 5/16"   | 1/8" to 5/8"     | 50       |
| 78101104845     | <b>BCH32-C442</b> | 2"        | 1/8" to 5/8"     | 50       |
| 78101104868     | <b>BCH64-C442</b> | 4"        | 1/8" to 5/8"     | 25       |



- 360° rotation allows cable to run in any direction.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

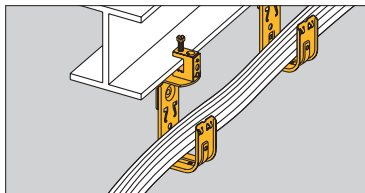
## Cable To Beam Fasteners



| UPC/Part Number | Catalog Number     | Hook Size | Flange Thickness | Box Qty. |
|-----------------|--------------------|-----------|------------------|----------|
| 78205141850     | <b>BCH12-C442A</b> | 3/4"      | 1/8" to 5/8"     | 50       |
| 78205141851     | <b>BCH21-C442A</b> | 1 5/16"   | 1/8" to 5/8"     | 50       |
| 78205141852     | <b>BCH32-C442A</b> | 2"        | 1/8" to 5/8"     | 50       |
| 78205141853     | <b>BCH64-C442A</b> | 4"        | 1/8" to 5/8"     | 25       |

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

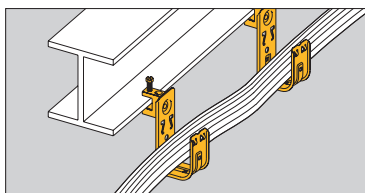


- 360° rotation allows cable to run in any direction.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

## Cable To Beam Fasteners



| UPC/Part Number | Catalog Number  | Hook Size | Flange Thickness | Box Qty. |
|-----------------|-----------------|-----------|------------------|----------|
| 78205128074     | <b>BCH12-C2</b> | 3/4"      | thru 1/2"        | 50       |
| 78101104821     | <b>BCH21-C2</b> | 1 5/16"   | thru 1/2"        | 50       |
| 78101104843     | <b>BCH32-C2</b> | 2"        | thru 1/2"        | 50       |
| 78101104867     | <b>BCH64-C2</b> | 4"        | thru 1/2"        | 25       |



- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

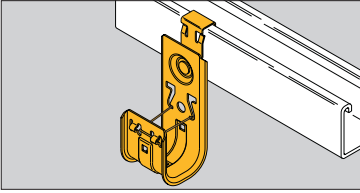
## Cable To Beam Fasteners



| UPC/Part Number | Catalog Number  | Hook Size | Flange Thickness | Box Qty. |
|-----------------|-----------------|-----------|------------------|----------|
| 78205141303     | <b>BCH12-C1</b> | 3/4"      | thru 1/2"        | 50       |
| 78101195578     | <b>BCH21-C1</b> | 1 5/16"   | thru 1/2"        | 50       |
| 78101195560     | <b>BCH32-C1</b> | 2"        | thru 1/2"        | 50       |
| 78205141304     | <b>BCH64-C1</b> | 4"        | thru 1/2"        | 25       |

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.



- BSC4 provides a simple snap-on attachment to strut, eliminating the need for tools or drilling.
- Cable retainer clips are included with hooks.
- Great for retrofit applications.
- Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

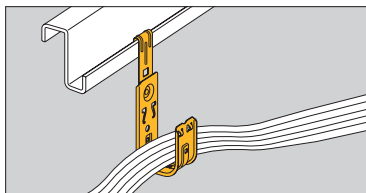
## Cable Hook To Strut Attachment



| UPC/Part Number | Catalog Number   | Cable Hook Size | Box Qty. |
|-----------------|------------------|-----------------|----------|
| 78205146574     | <b>BCH12-SC4</b> | 3/4"            | 50       |
| 78205146575     | <b>BCH21-SC4</b> | 1 5/16"         | 50       |
| 78205146576     | <b>BCH32-SC4</b> | 2"              | 50       |
| 78205146583     | <b>BCH64-SC4</b> | 4"              | 50       |

(See pages 223-230 for reference data.)

*Read safety/installation instruction sheets in packages before use.*

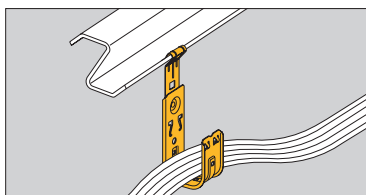


- Supports cable from vertical flanges.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

## Cable To Flange Fasteners



| UPC/Part Number | Catalog Number  | Hook Size | Flange Thickness | Box Qty. |
|-----------------|-----------------|-----------|------------------|----------|
| 78205128078     | <b>BCH12-F3</b> | ¾"        | ⅛" to ¼"         | 50       |
| 78101104815     | <b>BCH21-F3</b> | 1⅝"       | ⅛" to ¼"         | 50       |
| 78101104837     | <b>BCH32-F3</b> | 2"        | ⅛" to ¼"         | 50       |
| 78101104869     | <b>BCH64-F3</b> | 4"        | ⅛" to ¼"         | 25       |



- Supports cable from angled flanges.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

## Cable To Flange Fasteners

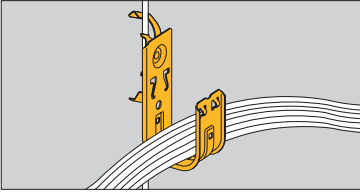


| UPC/Part Number | Catalog Number  | Hook Size | Flange Thickness | Box Qty. |
|-----------------|-----------------|-----------|------------------|----------|
| 78205128079     | <b>BCH12-F4</b> | ¾"        | ⅛" to ¼"         | 50       |
| 78101104817     | <b>BCH21-F4</b> | 1⅝"       | ⅛" to ¼"         | 50       |
| 78101104839     | <b>BCH32-F4</b> | 2"        | ⅛" to ¼"         | 50       |
| 78101104870     | <b>BCH64-F4</b> | 4"        | ⅛" to ¼"         | 25       |

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

# Communication & low voltage



## Cable To Wire and Rod Fasteners

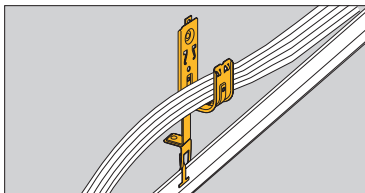


- Supports cable from #12 wire thru  $\frac{3}{8}$ " threaded rod.
- Cable retainer clips are included with hooks.
- W2 series attaches to #12 wire thru  $\frac{1}{4}$ " plain or threaded rod.
- W6 series attaches to  $\frac{3}{8}$ " plain or threaded rod.
- Static Load Capacity: 25 Lbs.
- Finish: Pre-Galvanized.

| UPC/Part Number | Catalog Number  | Description       | Box Qty. |
|-----------------|-----------------|-------------------|----------|
| 78205146573     | <b>BCH12-W2</b> | $\frac{3}{4}$ "   | 50       |
| 78101104819     | <b>BCH21-W2</b> | $1\frac{5}{16}$ " | 50       |
| 78101104841     | <b>BCH32-W2</b> | 2"                | 50       |
| 78205128082     | <b>BCH12-W6</b> | $\frac{3}{4}$ "   | 50       |
| 78101195567     | <b>BCH21-W6</b> | $1\frac{5}{16}$ " | 50       |
| 78101195569     | <b>BCH32-W6</b> | 2"                | 50       |

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.



## Cable To T-Bar Fasteners

- Supports cable above ceiling grid and allows 360° rotation.
- Provides compliance with the EIA/TIA requirements.
- Permits dropwire attachment if required.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

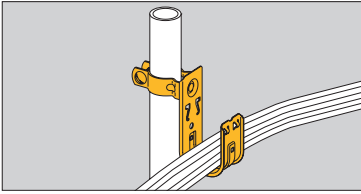


| UPC/Part Number | Catalog Number   | Description | Box Qty. |
|-----------------|------------------|-------------|----------|
| 78205128083     | <b>BCH12-A28</b> | 3/4"        | 50       |
| 78101104857     | <b>BCH21-A28</b> | 1 5/16"     | 50       |
| 78101104858     | <b>BCH32-A28</b> | 2"          | 50       |

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

# Communication & low voltage

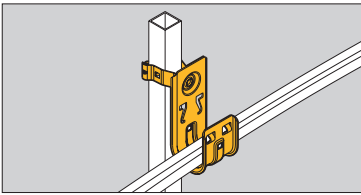


## Cable To Floor Support Fasteners



- Supports cable from computer floor post.
- Organizes cable off the floor for a neat installation.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

| UPC/Part Number | Catalog Number     | Hook Size | Floor Post Size | Box Qty. |
|-----------------|--------------------|-----------|-----------------|----------|
| 78205128085     | <b>BCH12-L1410</b> | 3/4"      | 1" O.D.         | 50       |
| 78101104851     | <b>BCH21-L1410</b> | 1 5/16"   | 1" O.D.         | 50       |
| 78101104855     | <b>BCH32-L1410</b> | 2"        | 1" O.D.         | 50       |
| 78101104871     | <b>BCH64-L1410</b> | 4"        | 1" O.D.         | 25       |



## Cable To Floor Support Fasteners



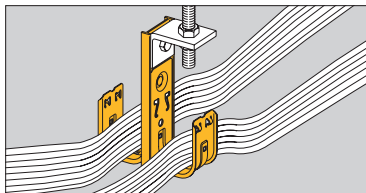
- Supports cable from computer floor post.
- Organizes cable off the floor for a neat installation.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

| UPC/Part Number | Catalog Number      | Hook Size | Floor Post Size | Box Qty. |
|-----------------|---------------------|-----------|-----------------|----------|
| 78205128086     | <b>BCH12-G-8-12</b> | 3/4"      | 1" Square       | 50       |
| 78101172487     | <b>BCH21-G-8-12</b> | 1 5/16"   | 1" Square       | 50       |
| 78101172489     | <b>BCH32-G-8-12</b> | 2"        | 1" Square       | 50       |
| 78101172491     | <b>BCH64-G-8-12</b> | 4"        | 1" Square       | 25       |

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.





## Double-Sided Multi-Tier Cable Fasteners



1D



2D

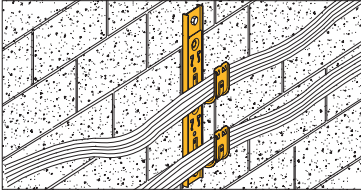
- Factory assembled multi-tier fasteners speed up installation.
- Unique design prevents hook and assembly rotation when pulling cable.
- All support bars furnished in 6063-T6 aluminum.
- Shown with optional BCHK2 kit.
- Cable retainer clips are included with hooks.
- Static Load Capacity: (per hook) 30 Lbs.
- Finish: Pre-Galvanized.

| UPC/Part Number | Catalog Number  | Hook Size          | Description                              | Box Qty. |
|-----------------|-----------------|--------------------|--|----------|
| 78101104758     | <b>BCH21-1D</b> | 1 $\frac{5}{16}$ " | 1 Tier, 2-Sided, 5 $\frac{1}{2}$ " High  | 20       |
| 78101104762     | <b>BCH32-1D</b> | 2"                 | 1 Tier, 2-Sided, 6 $\frac{3}{16}$ " High | 25       |
| 78101104874     | <b>BCH64-1D</b> | 4"                 | 1 Tier, 2-Sided, 9" High                 | 10       |
| 78101104766     | <b>BCH21-2D</b> | 1 $\frac{5}{16}$ " | 2 Tier, 2-Sided, 9 $\frac{1}{4}$ " High  | 10       |
| 78101104770     | <b>BCH32-2D</b> | 2"                 | 2 Tier, 2-Sided, 11" High                | 10       |
| 78101104875     | <b>BCH64-2D</b> | 4"                 | 2 Tier, 2-Sided, 18 $\frac{1}{4}$ " High | 10       |

Patent #5961081

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.



## Single-Sided Multi-Tier Cable Fasteners

- Factory assembled multi-tier fasteners speed up installation.
- Available in two-six tier assemblies.
- Unique design prevents hook and assembly rotation when pulling cable.
- Cable retainer clips are included with hooks.
- All support bars furnished in 6063-T6 aluminum.
- Static Load Capacity: 30 Lbs. (per hook)

Communication & Low Voltage



2S

3S

| UPC/Part Number | Catalog Number  | Hook Size                        | Description   | Box Qty. |
|-----------------|-----------------|----------------------------------|---|----------|
| 78101104773     | <b>BCH21-2S</b> | 1 <sup>5</sup> / <sub>16</sub> " | 2 Tier, 1-Sided, 11" Overall Height                               | 20       |
| 78101104776     | <b>BCH32-2S</b> | 2"                               | 2 Tier, 1-Sided, 12 <sup>3</sup> / <sub>4</sub> " Overall Height  | 25       |
| 78101195300     | <b>BCH64-2S</b> | 4"                               | 2 Tier, 1-Sided, 19 <sup>5</sup> / <sub>16</sub> " Overall Height | 10       |
| 78101104779     | <b>BCH21-3S</b> | 1 <sup>5</sup> / <sub>16</sub> " | 3 Tier, 1-Sided, 14 <sup>3</sup> / <sub>4</sub> " Overall Height  | 10       |
| 78101104782     | <b>BCH32-3S</b> | 2"                               | 3 Tier, 1-Sided, 17 <sup>1</sup> / <sub>2</sub> " Overall Height  | 10       |
| 78101195303     | <b>BCH64-3S</b> | 4"                               | 3 Tier, 1-Sided, 28 <sup>1</sup> / <sub>16</sub> " Overall Height | 10       |

Patent #5961081

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.



4S



5S



6S

| UPC/Part Number | Catalog Number  | Hook Size                        | Description  | Box Qty. |
|-----------------|-----------------|----------------------------------|--|----------|
| 78101104785     | <b>BCH21-4S</b> | 1 <sup>5</sup> / <sub>16</sub> " | 4 Tier, 1-Sided, 18 <sup>1</sup> / <sub>2</sub> " Overall Height   | 10       |
| 78101104788     | <b>BCH32-4S</b> | 2"                               | 4 Tier, 1-Sided, 21 <sup>3</sup> / <sub>4</sub> " Overall Height   | 10       |
| 78101197872     | <b>BCH64-4S</b> | 4"                               | 4 Tier, 1-Sided, 36 <sup>13</sup> / <sub>16</sub> " Overall Height | 10       |
| 78101104791     | <b>BCH21-5S</b> | 1 <sup>5</sup> / <sub>16</sub> " | 5 Tier, 1-Sided, 21 <sup>3</sup> / <sub>4</sub> " Overall Height   | 10       |
| 78101104794     | <b>BCH32-5S</b> | 2"                               | 5 Tier, 1-Sided, 27" Overall Height                                | 10       |
| 78101104797     | <b>BCH21-6S</b> | 1 <sup>5</sup> / <sub>16</sub> " | 6 Tier, 1-Sided, 26" Overall Height                                | 10       |
| 78101104800     | <b>BCH32-6S</b> | 2"                               | 6 Tier, 1-Sided, 31 <sup>3</sup> / <sub>4</sub> " Overall Height   | 10       |

Patent #5961081

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

# Communication & low voltage



Shown with BRC5 Brackets



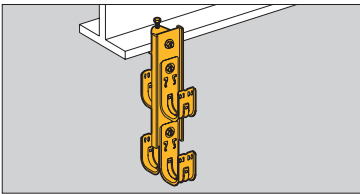
Shown with Cable Hooks

## Multi-Tier Support Bar

- The BCH-HBA combines a tiered support bar and angle bracket into one piece.
- More flexibility! The BCH-HBA can be supported from  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ " or  $\frac{3}{8}$ " rod.
- Mounts up to three BCH21 or BCH32 cable hooks or two BCH64 cable hooks per side.
- Mounts up to three BRC5 MC/AC cable support brackets per side.
- Load Capacity: 180 lbs.



| UPC/Part Number | Catalog Number | Description            | Box Qty. |
|-----------------|----------------|------------------------|----------|
| 78205143819     | <b>BCH-HBA</b> | Multi-Tier Support Bar | 40       |



## Multi-Tier Cable Hook Kits



- Support bars furnished in 6063-T6 aluminum.



| UPC/Part Number | Catalog Number  | Description  | Box Qty. |
|-----------------|-----------------|--|----------|
| 78101199572     | <b>BCH-HB21</b> | Support Bar for BCH21 and BCH32<br>8 $\frac{1}{4}$ " long with .281Ø holes | 20       |
| 78101199574     | <b>BCH-HB64</b> | Support Bar for BCH64<br>13 $\frac{5}{16}$ " long with .281Ø holes         | 20       |

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

## Multi-Tier Attachment Kits

- BCHK1 includes: Beam clamp (B444-1/4) and 1/4"-20 x 1/2" hex head cap screw



BCHK1

- BCHK2 includes: Angle bracket (.320"Ø and .390"Ø holes) and 1/4"-20 x 1/2" hex head cap screw and hex nut



BCHK2

- BCHK3 includes: 1 each BCHK1 Kit and BCHK2 Kit

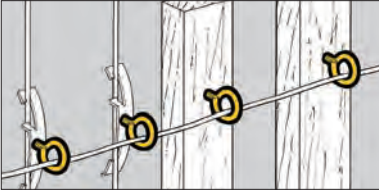


BCHK3

| UPC/Part Number | Catalog Number | Kit Description                              | Flange Thickness | Box Qty. |
|-----------------|----------------|--|------------------|----------|
| 78101104872     | <b>BCHK1</b>   | Beam Clamp                                   | Thru 1/2"        | 10       |
| 78101104860     | <b>BCHK2</b>   | Angle Bracket                                | –                | 10       |
| 78101104873     | <b>BCHK3</b>   | Beam Clamp with Angle Bracket (swivels 360°) | Thru 1/2"        | 10       |

Read safety/installation instruction sheets in packages before use.

# Communication & low voltage



- Supports low voltage communication cables from beams or rods when used with other fasteners.
- Ultimate Static Load Capacity: 50 Lbs.
- Finish: Zinc Plated.

## Threaded Bridle Rings



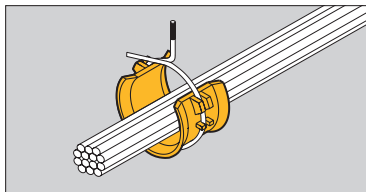
| UPC/Part Number | Catalog Number  | Ring Size | Thread Size x Thread Length | Box Qty. |
|-----------------|-----------------|-----------|-----------------------------|----------|
| 78101119550     | <b>BR-8-T</b>   | 1/2"      | #10-24 x 9/16"              | 100      |
| 78101119555     | <b>BR-12-T</b>  | 3/4"      | #10-24 x 9/16"              | 100      |
| 78101119560     | <b>BR-20-T</b>  | 1 1/4"    | #10-24 x 9/16"              | 100      |
| 78101119570     | <b>BR-32-T</b>  | 2"        | #10-24 x 9/16"              | 100      |
| 78101119565     | <b>BR-20-4T</b> | 1 1/4"    | 1/4"-20 x 9/16"             | 100      |
| 78101119575     | <b>BR-32-4T</b> | 2"        | 1/4"-20 x 9/16"             | 100      |
| 78101119889     | <b>BR-64-4T</b> | 4"        | 1/4"-20 x 9/16"             | 50       |



Lag Screw for Wood Beams

| UPC/Part Number | Catalog Number  | Ring Size | Thread Size x Thread Length | Box Qty. |
|-----------------|-----------------|-----------|-----------------------------|----------|
| 78101119875     | <b>BR-16-3W</b> | 1"        | #10 x 9/16"                 | 100      |
| 78101119886     | <b>BR-24-4W</b> | 1 1/2"    | 1/4" x 27/32"               | 100      |
| 78101119876     | <b>BR-32-4W</b> | 2"        | 1/4" x 7/8"                 | 100      |

Read safety/installation instruction sheets in packages before use.



- The convenience of a bridge ring with the cable-bearing surface of a hook.
- 2" saddle is available separately. Can be easily attached before or after cable installation.

## Bridle Ring Saddles



BRS-32A

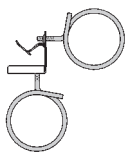


BRS-64A

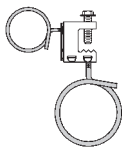
BRS-32

| UPC/Part Number | Catalog Number | Thread Size x Thread Length/Description | Box Qty. |
|-----------------|----------------|---|----------|
| 78205122761     | <b>BRS-32A</b> | 1/4"-20 x 7/8"<br>2" Ring Assembly      | 50       |
| 78205122762     | <b>BRS-64A</b> | 1/4"-20 x 1"<br>4" Ring Assembly        | 25       |
| 78205122759     | <b>BRS-32</b>  | 2" Saddle Only                          | 50       |

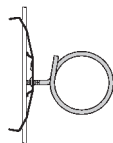
Also available for use with the following B-Line series Fasteners.



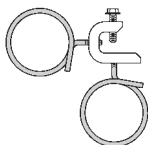
BU-9-12



BC1



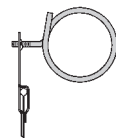
BW2



BC442



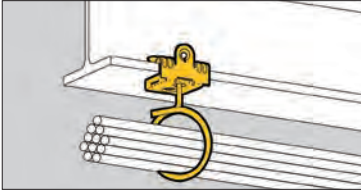
BH4-F3



BA5-4T

Read safety/installation instruction sheets in packages before use.

# Communication & low voltage

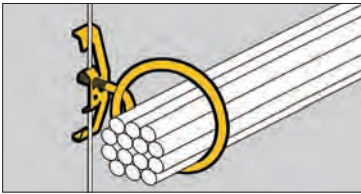


## Bridle Ring/ Beam Fastener Assy.



- Supports low voltage communication cables from beam flanges  $\frac{1}{8}$ " to  $\frac{3}{4}$ " thick.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.

| UPC/Part Number | Catalog Number         | Description                         | Box Qty. |
|-----------------|------------------------|-------------------------------------|----------|
| 78101102921     | <b>BR-32-4T-U-2-4</b>  | $\frac{1}{8}$ " to $\frac{1}{4}$ "  | 50       |
| 78101102923     | <b>BR-32-4T-U-5-8</b>  | $\frac{5}{16}$ " to $\frac{1}{2}$ " | 50       |
| 78101102924     | <b>BR-32-4T-U-9-12</b> | $\frac{9}{16}$ " to $\frac{3}{4}$ " | 50       |



## Bridle Ring/Rod & Wire Fastener Assy.

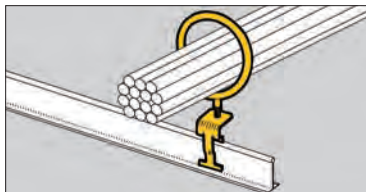


- Supports low voltage communication cables from drop wire.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.

| UPC/Part Number | Catalog Number     | Description   | Box Qty. |
|-----------------|--------------------|---|----------|
| 78101102929     | <b>BR-32-4T-W2</b> | #12 Wire Thru $\frac{1}{4}$ " Plain or Threaded Rod | 50       |

Read safety/installation instruction sheets in packages before use.



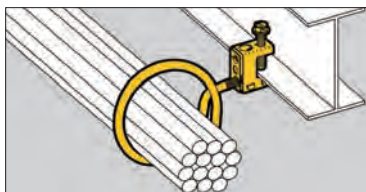


## Bridle Ring/T-Bar Fastener Assembly

- Supports low voltage communication cables above the T-Bar.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- For positioning only - No Load Rating.



| UPC/Part Number | Catalog Number     | Description  | Box Qty. |
|-----------------|--------------------|--------------|----------|
| 78101102934     | <b>BR-32-4T-A6</b> | 2" Ring Size | 50       |



## Bridle Ring/Beam Fastener Assembly

- Supports low voltage communication cables from beam flanges thru 1/2" thick.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.



| UPC/Part Number | Catalog Number     | Description  | Box Qty. |
|-----------------|--------------------|--------------|----------|
| 78101102937     | <b>BR-32-4T-C1</b> | 2" Ring Size | 50       |

Read safety/installation instruction sheets in packages before use.

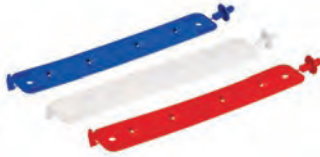
# Communication & low voltage



## COM Dangle<sup>†</sup> cable support system

- Installs Maximum 5 foot space between supports
- 20 lb. maximum weight
- 40% max fill based on TIA 569-B

- Made from advanced polymer
- UL listed, Plenum rated and RoHS compliant
- Corrosion and chemical resistant
- High strength-to-weight ratio
- Abrasion and impact resistance over a wide range of temperatures
- Installs easily with minimal steps



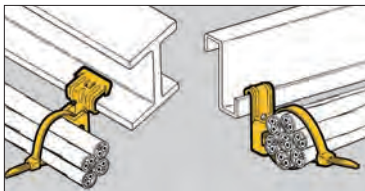
## COM Dangle System Load Table – Number of Cables Allowed

| UPC/Part Number | Catalog Number* | Dia. | Cat5e | Cat6 | Cat6a |
|-----------------|-----------------|------|-------|------|-------|
| 79903867513     | <b>BLCD8</b>    | 2.5" | 110   | 75   | 50    |
| 79903867514     | <b>BLCD8RD</b>  | 2.5" | 110   | 75   | 50    |
| 79903867515     | <b>BLCD8BL</b>  | 2.5" | 110   | 75   | 50    |
| 79903867516     | <b>BLCD12</b>   | 4"   | 220   | 150  | 115   |
| 79903867517     | <b>BLCD12RD</b> | 4"   | 220   | 150  | 115   |
| 79903867518     | <b>BLCD12BL</b> | 4"   | 220   | 150  | 115   |

\* Contact factory for other color options  
RD-Red, BL-Blue, No color indication is Neutral

† All other trademarks are property of their respective owners.

Read safety/installation instruction sheets in packages before use.  
These products are designed for positioning only. No load rating.



- Supports cable ties up to  $\frac{9}{32}$ " wide from flanges  $\frac{1}{16}$ " to  $\frac{3}{4}$ " thick.
- 8" cable tie included.
- Simply installed with a hammer.

## Cable Fasteners

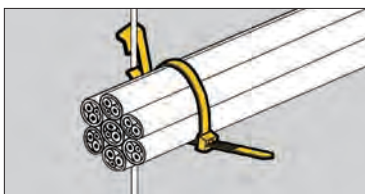


BE Series



BF Series

| UPC/Part Number | Catalog Number     | Description                          | Box Qty. |
|-----------------|--------------------|--------------------------------------|----------|
| 78101119970     | <b>BE-2-4-CT2</b>  | $\frac{1}{8}$ " to $\frac{1}{4}$ "   | 100      |
| 78101119971     | <b>BE-5-8-CT2</b>  | $\frac{5}{16}$ " to $\frac{1}{2}$ "  | 100      |
| 78101119972     | <b>BE-9-12-CT2</b> | $\frac{9}{16}$ " to $\frac{3}{4}$ "  | 100      |
| 78101119968     | <b>BF1-CT2</b>     | $\frac{1}{16}$ " to $\frac{5}{32}$ " | 100      |
| 78101119969     | <b>BF2-CT2</b>     | $\frac{5}{32}$ " to $\frac{1}{4}$ "  | 100      |



- Supports cable ties up to  $\frac{9}{32}$ " wide from drop wires.
- 8" cable tie included.

## Cable Fasteners

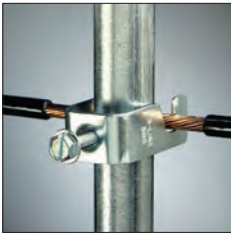


| UPC/Part Number | Catalog Number | Description   | Box Qty. |
|-----------------|----------------|---|----------|
| 78101102866     | <b>BW2-CT2</b> | #12 wire thru $\frac{1}{4}$ " plain or threaded rod | 100      |
| 78101195603     | <b>BW6-CT2</b> | $\frac{3}{8}$ " plain or threaded rod               | 100      |

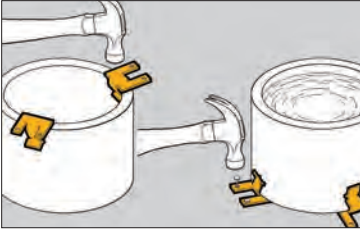
Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.

# Accessories

Accessories



Read safety/installation instruction sheets in packages before use. These products are designed for positioning only. No load rating.



- Allows for rigid attachment of pipe sleeves to wall and floor forms for concrete pouring.
- Accommodates Schedule 40, Schedule 80, or 5/16" and smaller wall thickness.

## Pipe Sleeve Fasteners



| UPC/Part Number | Catalog Number | Sleeve Diameter | Wall Thickness   | Box Qty. |
|-----------------|----------------|-----------------|------------------|----------|
| 78101118285     | <b>BD40</b>    | All Dia.        | 5/16" & Under    | 100      |
| 78101118285     | <b>BD40</b>    | 2" to 6"        | Schedule 40 Pipe | 100      |



- Push Nuts designed for use with plain rod.
- "U" Nuts provide 1/4"-20 thread impression for unthreaded hole.
- No installation tools required.

## Accessory Nuts



BN-4, BN-6  
Push Nuts

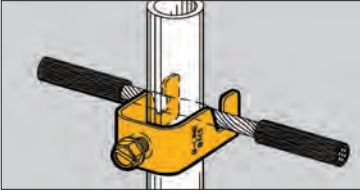


BN1  
"U" Nuts With  
Thread Impression

| UPC/Part Number | Catalog Number | Rod/Wire Size     | Static Load Capacity    | Box Qty. |
|-----------------|----------------|-------------------|-------------------------|----------|
| 78101119120     | <b>BN-4</b>    | 1/4" Plain Rod    | 100 lbs. thru 3/8" hole | 100      |
| 78101119125     | <b>BN-6</b>    | 3/8" Plain Rod    | 200 lbs. thru 1/2" hole | 100      |
| 78101119110     | <b>BN1</b>     | 1/4" Threaded Rod | 50 lbs. on 9/32" hole   | 100      |

Read safety/installation instruction sheets in packages before use.

# Accessories

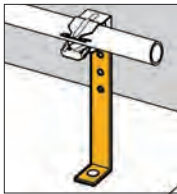
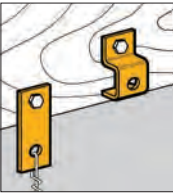


- Attaches signal reference grid wire to computer floor posts.
- Fits #8 thru #4 stranded wire. (.146" O.D. thru .232" O.D.).
- Fits 3/4" to 1" round or square posts.

## Reference Wire Fasteners



| UPC/Part Number | Catalog Number | Description                         | Box Qty. |
|-----------------|----------------|-------------------------------------|----------|
| 78101101659     | <b>BM5</b>     | Single Reference Grid Wire Fastener | 100      |



- Brackets are easily attached with screws or drive pins to wood, concrete or steel structures.
- Brackets are adaptable for use with a wide variety of fasteners, wires, "S" hooks and hangers.



BD2



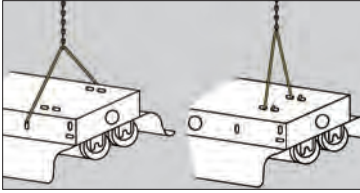
BD4



BA28B

| UPC/Part Number | Catalog Number | Description    | Box Qty. |
|-----------------|----------------|----------------|----------|
| 78101101686     | <b>BD2</b>     | Flat Bracket   | 100      |
| 78101118280     | <b>BD4</b>     | Offset Bracket | 100      |
| 78101101449     | <b>BA28B</b>   | Angle Bracket  | 50       |

Read safety/installation instruction sheets in packages before use.



## Light Fixture Hangers



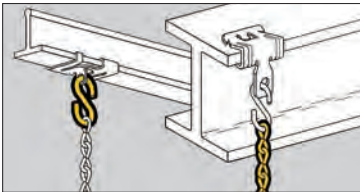
BH15



BH16

- For hanging industrial class fluorescent lighting fixtures.
- Use with Jack Chain and "S" Hooks.
- Static Load Capacity: 29 Lbs.
- Finish: Zinc Plated.

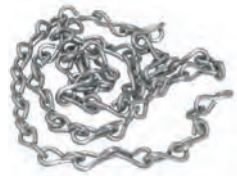
| UPC/Part Number | Catalog Number | Description                                 | Box Qty. |
|-----------------|----------------|---|----------|
| 78101101236     | <b>BH15</b>    | Side Mount Fluorescent Light Fixture Hanger | 100      |
| 78101101237     | <b>BH16</b>    | Top Mount Fluorescent Light Fixture Hanger  | 100      |



## Jack Chain & "S" Hooks



BH10



BH9  
BH9-10

- For support of light fixtures and signs.
- Static Load Capacity: 29 Lbs.
- Finish: Zinc Plated.

| UPC/Part Number | Catalog Number | Description           | Box Qty. |
|-----------------|----------------|-----------------------|----------|
| 78101118850     | <b>BH9</b>     | #12 Single Jack Chain | 100 ft.  |
| 78101102901     | <b>BH9-10</b>  | #10 Single Jack Chain | 100 ft.  |
| 78101118855     | <b>BH10</b>    | #11 "S" Hook          | 50       |

Read safety/installation instruction sheets in packages before use.



## KwikWire Clamps



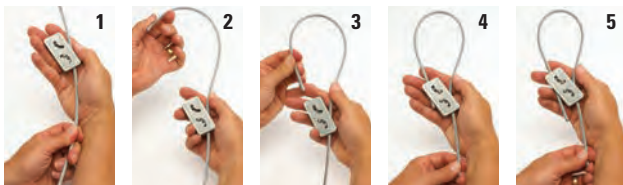
- KwikWire™ system replaces jack chain or ATR to support lighting, ductwork, cable tray, etc.
- Can be quickly installed around beams - No drilling required.
- Ideal for sloped ceilings - can hang objects at up to 60° angles.
- Simple height adjustments are made by releasing locking tab, no tools required.
- Spools of wire can be cut to length in field, helping reduce waste and up front planning.

| UPC/Part Number | Catalog Number | For Use With Wire Rope Diameters | Box Qty. |
|-----------------|----------------|----------------------------------|----------|
| 78205140719     | <b>BKC100</b>  | 1/16" & 3/32"                    | 100      |
| 78205140723     | <b>BKC200</b>  | 1/8" & 3/16"                     | 50       |

### KwikWire Clamp Working Loads\*

| Clamp Part No. | Wire Rope Dia. | Lbs. Safety Factor 5 |
|----------------|----------------|----------------------|
| BKC100         | 1/16"          | 0-75                 |
|                | 3/32"          | 25-150               |
| BKC200         | 3/32"          | 25-150               |
|                | 1/8"           | 25-250               |
|                | 3/16"          | 50-640               |

\* Working loads shown are for hanging vertically. For suspending at 15°, 30°, 45° or 60° angles from vertical use the following percentage of the working loads from the chart: 15° = 96%, 30° = 86%, 45° = 70%, 60° = 50%



1. Pass the wire through the KwikWire Clamp
2. Loop wire through/around support
3. Pass wire back through KwikWire Clamp
4. Push wire through clamp leaving 2" to 3" tail, then apply tension on wire
5. To adjust, remove tension and pull wire slightly to disengage teeth, slide adjustment pin in direction shown by arrow to release wire.

Read safety/installation instruction sheets in packages before use.





7 x 7



7 x 19

## KwikWire Wire Rope

| UPC/Part Number | Catalog Number               | Wire Diameter | Working Load - Lbs. | Spool Qty. |
|-----------------|------------------------------|---------------|---------------------|------------|
| 78205140725     | <b>BKW063</b> <sup>(1)</sup> | 1/16"         | 96                  | 500 ft.    |
| 78205140727     | <b>BKW094</b> <sup>(1)</sup> | 3/32"         | 184                 | 500 ft.    |
| 78205140733     | <b>BKW125</b> <sup>(1)</sup> | 1/8"          | 340                 | 500 ft.    |
| 78205140734     | <b>BKW188</b> <sup>(2)</sup> | 3/16"         | 840                 | 250 ft.    |

(1) Wire rope construction Type 7 x 7

(2) Wire rope construction Type 7 x 19  
Uncoated Galvanized Wire



- KwikPak™ includes a supply of kwik-clamps and a spool of wire rope.
- KwikPak are shipped in a specially designed dispenser box to ease field cutting of wire.

## KwikPak Kit



| UPC/Part Number | Catalog Number  | Kit Includes                                    | Box Qty. |
|-----------------|-----------------|---|----------|
| 78205140749     | <b>BKP10063</b> | BKC100 (100 pcs.)<br>1/16"Ø Wire Rope (500 ft.) | 1        |
| 78205140751     | <b>BKP10094</b> | BKC100 (100 pcs.)<br>3/32"Ø Wire Rope (500 ft.) | 1        |
| 78205140761     | <b>BKP20125</b> | BKC200 (50 pcs.)<br>1/8"Ø Wire Rope (500 ft.)   | 1        |
| 78205140763     | <b>BKP20188</b> | BKC200 (50 pcs.)<br>3/16"Ø Wire Rope (250 ft.)  | 1        |

Read safety/installation instruction sheets in packages before use.



- KwikWire™ the versatility of a bolt with an adjustable wire rope solution.
- Can be quickly installed in existing anchors or metal brackets with a nut.
- Ideal for supporting light fixtures, wire basket cable tray, HVAC ducts, and sign/banner supports.
- See page 184 for wire rope spoils.

## KwikWire Hanger

| UPC/Part Number | Catalog Number  | Thread Size | Wire Rope Diameter | Load SF5           | Box Qty. |
|-----------------|-----------------|-------------|--------------------|--------------------|----------|
| 78205158764     | <b>BKF100-4</b> | ¼"-20       | 1/16"<br>3/32"     | 45 lbs.<br>90 lbs. | 100      |
| 78205158765     | <b>BKF100-6</b> | 3/8"-16     | 1/16"<br>3/32"     | 45 lbs.<br>90 lbs. | 100      |



1. Screw KwikWire Hanger into installed hanger support
2. Push wire up through the bottom of KwikWire Hanger
3. Continue pushing through until ¼" minimum is extending out the side of the KwikWire Hanger
4. To adjust up - pull or push more wire through KwikWire Hanger
5. To adjust down - push up on bottom of KwikWire Hanger and allow wire to feed down
6. When hanging the wire is complete, cut off any excess cable wire if desired

*Read safety/installation instruction sheets in packages before use.*

## KwikWire Accessories



BKL Series

### Loop Termination

- Available as a wire rope with loop termination only or as a ready-to-use kit with a BKC100 clamp.
- Available in lengths of 40", 80", 120", 180", 240", and 360".



BKH Series

### Single & "Y" Style Hook Termination

- Hook designed to accept up to 3/8" diameter wire.
- Available as a wire rope with hook termination only or as a ready-to-use kit with a BKC100 clamp.
- Available in lengths of 40", 80", 120", 180", 240", and 360".
- Available in single, double (Y), and triple (3) leg styles



BKYH Series



BKT Series

### Single & "Y" Style Toggle Termination

- Available as a wire rope with toggle termination only or as a ready-to-use kit with a BKC100 clamp.
- Available in lengths of 40", 80", 120", 180", 240", and 360".
- Available in single, double (Y), and triple (3) leg styles
- All triple (3) leg styles are non-stock, consult us for lead times



BKYT Series



BKB Series

### Bolt Loop Termination

- Ideal for use with ARS, ARC, ADI, ACPW, or ACPD anchors.
- Available as a wire rope with bolt termination only or as a ready-to-use kit with a BKC100 clamp.
- Available in lengths of 40", 80", 120", 180", 240", and 360".
- Available in single, double (Y), and triple (3) styles
- All double (Y) and triple (3) styles are non-stock, consult Eaton's B-Line series representative for lead times



BKA Series

### Angle Bracket Termination

- Available as a wire rope with angle bracket termination only or as a ready-to-use kit with a BKC100 clamp.
- Available in lengths of 40", 80", 120", 180", 240", and 360".

**For additional options, refer to KwikWire Brochure**

*Read safety/installation instruction sheets in packages before use.*



BKCP



B601-62



BKCC

## KwikWire Accessories

| UPC/Part Number | Catalog Number | Description               | Box Qty. |
|-----------------|----------------|---------------------------|----------|
| 78205140766     | <b>BKCP</b>    | Air Duct Corner Protector | 100      |
| 78101156059     | <b>B601-62</b> | Air Duct Support          | 50       |
| 78205140297     | <b>BKCC *</b>  | Wire Rope Cutter          | 1        |

**⚠ DANGER** Never use cutters on energized circuits, wire, or cable. Doing so could result in death, personal injury or property damage.

Note: Additional accessories include BE Series (pg. 95), BF Series (pgs. 122, 124, 128 & 132), and BPNA Series (pg. 137)

\* Not for use of cutting  $\frac{3}{16}$ " diameter cable.

### **KwikWire System Recommendations:**

- Do not exceed the safe working load of the products shown in their charts
- All characteristics of KwikWire™ must be used with wire supplied by Eaton's B-Line Division
- Do not use for overhead lifting or hoisting
- Do not use if cable or components are visibly distorted or worn, remove damaged cable end prior to inserting in KwikWire™ Clamp
- Do not paint cable near working area of KwikWire Clamp connector
- Do not apply lubricant
- Keep product clean and free of dirt
- Do not use on coated wire rope
- Do not use in chlorinated or caustic atmospheres
- For use in dry locations
- Cooper's BKCC tool is recommended for cutting wire rope to prevent fraying
- For use on vertical applications only

### Application Photos



Read safety/installation instruction sheets in packages before use.



| UPC/Part Number | Catalog Number     | Description                                     | Box Qty. |
|-----------------|--------------------|---|----------|
| 78101101687     | <b>SHHMS</b> ¼ x ½ | ¼"-20 x ½"<br>Slotted Hex Head<br>Machine Screw | 100      |



| UPC/Part Number | Catalog Number | Description                 | Box Qty. |
|-----------------|----------------|-----------------------------|----------|
| 78101142103     | <b>MSQN</b> ¼  | ¼"-20 Machine<br>Square Nut | 100      |



| UPC/Part Number | Catalog Number | Description                  | Box Qty. |
|-----------------|----------------|------------------------------|----------|
| 78101110675     | <b>BWHS-9</b>  | Sheet Metal<br>Screw #8 x ⅝" | 1000     |

Note: BWHS-9 can be used with all fasteners requiring attachments with sheet metal screws.



| UPC/Part Number | Catalog Number | Description                                   | Box Qty. |
|-----------------|----------------|---|----------|
| 78101104925     | <b>BWHS-9D</b> | #8 x ½"<br>Self-Drilling<br>Sheet Metal Screw | 1000     |

Note: BWHS-9D can be used with all fasteners requiring attachment with sheet metal screws except BB2-16, BB2-16D, BB2-24 & BB2-24D.

*Read safety/installation instruction sheets in packages before use.*

# Anchors



Anchors



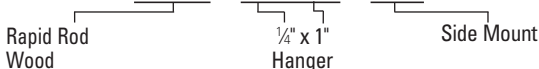
*Read safety/installation instruction sheets in packages before use.*

## Glossary

### ARW - 25-100 - SW

| Prefix - Description             | Screw Dia. | Length        | Suffix                    |
|----------------------------------|------------|---------------|---------------------------|
| ACB - Concrete Anchor Bolt       | 4 - #4     | 75 - ¾"       | AN - Acorn Nut            |
| ACPD - Bang-IT™† Anchors         | 6 - #6     | 81 - 13/16"   | CH - Combo Head           |
| ACPW - Wood-Knocker II™† Anchors | 8 - #8     | 87 - 7/8"     | F - Flat                  |
| ACS - Concrete Screw             | 10 - #10   | 100 - 1"      | FL - Flanged              |
| ADA - Drive Anchor               | 12 - 1/8"  | 118 - 1 3/18" | H - Hex                   |
| ADE - Double Expansion Anchor    | 18 - 3/16" | 125 - 1 1/4"  | HN - Hex Nut              |
| ADH - Hollow-Base Drop-IN        | 25 - 1/4"  | 150 - 1 1/2"  | HS - Hole Saw             |
| ADI - Drop-In                    | 31 - 5/16" | 175 - 1 3/4"  | K - Kit                   |
| ADM - Mini Drop-In               | 37 - 3/8"  | 187 - 1 7/8"  | M - Mushroom              |
| ADN - Drive Nail                 | 50 - 1/2"  | 200 - 2"      | OH - Oval Head            |
| AMS - Machine Screw              | 62 - 5/8"  | 225 - 2 1/4"  | PH - Pan Head             |
| APC - Conical Anchor             | 75 - 3/4"  | 250 - 2 1/2"  | RH - Rod Hanger           |
| APD - Plastic Driller            | 87 - 7/8"  | 275 - 2 3/4"  | RS - Slotted Round Head   |
| APDM - Plastic Driller - Mini    |            | 300 - 3"      |                           |
| APH - Plastic Hollow Wall Anchor |            | 325 - 3 1/4"  | SS4 - 304 Stainless Steel |
| APS - Plastic Screw Anchor       |            | 350 - 3 1/2"  |                           |
| ARC - Rapid Rod® Concrete        |            | 375 - 3 3/4"  | T - Tool                  |
| ARS - Rapid Rod® Steel           |            | 400 - 4"      | WH - Wire Hanger          |
| ARW - Rapid Rod® Wood            |            | 425 - 4 1/4"  |                           |
| ASA - Sleeve Anchor              |            | 450 - 4 1/2"  | SW - Side Mount           |
| ASE - Single Expansion Anchor    |            | 500 - 5"      |                           |
| ATB - Toggle Bolt                |            | 525 - 5 1/4"  |                           |
| ATM - Self-Tapping Screw Anchor  |            | 550 - 5 1/2"  |                           |
|                                  |            | 600 - 6"      |                           |
| AWA - Wedge Anchor               |            | 700 - 7"      |                           |
| AWSD - Seismic Wedge Anchor      |            |               |                           |
| AWS - Wall Screw                 |            |               |                           |
| AZD - Zinc Driller               |            |               |                           |
| AZDM - Zinc Driller-Mini         |            |               |                           |

### ARW - 25-100 - SW



† All other trademarks are property of their respective owners.

Read safety/installation instruction sheets in packages before use.

## Rapid Rod Hangers

- Rapid Rod™ one-piece, all steel threaded fastener system for suspending steel threaded rod.
- Suitable for overhead installations such as suspending cable tray, pipe hangers, strut and conduit.
- Side Mount (SW) available for side mounting applications.
- Lower in-place cost, when compared to beam clamps, lag bolts and drop-ins.
- Steel rapid rods can be installed with a screw gun or hammer drill.
- UL & FM approved.
- Made of Zinc Plated carbon steel.

## Rapid Rod Hangers Steel

### Steel Rapid Rod™ - Data

| Point Style               | #3            | #5            |
|---------------------------|---------------|---------------|
| Self-Drilling Range (in.) | 0.06" - 0.25" | 0.06" - 0.50" |
| Screw Size (UNC)          | ¼"-20         | ¼"-20         |

| Description         | Rod Size | Min. Thick. | Max. Thick. | Load (Mat'l. Thickness) | Load Dir'n. | UL        |             | FM APPROVED |           |
|---------------------|----------|-------------|-------------|-------------------------|-------------|-----------|-------------|-------------|-----------|
|                     |          |             |             |                         |             | Pipe Size | Pipe Thick. | Pipe Size   | FM Thick. |
| 1/4-20 1" #3        | 1/4"     | 0.060       | 0.250       | 593 (0.125")            | —           | —         | —           | —           | —         |
| 1/4-20 1" #3/nut    | 3/8"     | 0.060       | 0.250       | 1172 (0.125")           | V           | 4"        | 0.125"      | 4"          | 12 ga.    |
| 1/4-20 x 1½" #5/nut | 3/8"     | 0.060       | 0.250       | 1452 (0.188")           | V           | 4"        | 0.125"      | 4"          | 12 ga.    |
| 1/4-20 x 1½" #3     | 3/8"     | 0.188       | 0.250       | 593 (0.125")            | V           | 4"        | 0.060"      | —           | —         |
| 1/4-20 x 1½" #3/nut | 3/8"     | 0.060       | 0.250       | 1172 (0.125")           | V           | 4"        | 0.060"      | —           | —         |
| 1/4-20 x 2" #3      | 3/8"     | 0.060       | 0.250       | 593 (0.125")            | V           | 4"        | 0.125"      | —           | —         |
| 1/4-20 x 1" #3      | 3/8"     | 0.060       | 0.250       | 642 (0.111")            | H           | 4"        | —           | —           | —         |
| 1/4-20 x 1" #3/nut  | 3/8"     | 0.060       | 0.250       | 702 (0.111")            | H           | 4"        | 0.060"      | 4"          | 16 ga.    |

Loads shown for ASTM A36 steel beams and steel purlins include a safety factor of 4.

For UL & FM listings, steel rapid rod must be installed with a retaining nut.

‡ Not ICC-ES Certified

Read safety/installation instruction sheets in packages before use.



## Rapid Rod Hangers



ARS Series



ARS SW Series



ARS HN Series

| UPC/Part Number  | Catalog Number          | Rod Size | Shank Size & Length  | Box Qty. |
|--|-------------------------|----------|----------------------|----------|
| <b>Steel Rapid Rod-2 Hanger - Point Style #3 For Purlins</b> |                         |          |                      |          |
| 79903875920  | <b>ARS-25-100-2</b>     | 1/4"     | 1/4" x 1"            | 25       |
| 79903875928  | <b>ARS-37-200-2</b>     | 3/8"     | 1/4" x 2"            | 25       |
| 79903875923  | <b>ARS-37-100HN-2**</b> | 3/8"     | 1/4" x 1" w/nuts     | 25       |
| 79903875925  | <b>ARS-37-150-2</b>     | 3/8"     | 1/4" x 1 1/2"        | 25       |
| 79903875927  | <b>ARS-37-150HN-2**</b> | 3/8"     | 1/4" x 1 1/2" w/nuts | 25       |

|   |                       |      |                  |    |
|---|-----------------------|------|------------------|----|
| <b>Steel Rod Hanger - Side Mount - Point Style #3 For Purlins</b> |                       |      |                  |    |
| 79903875921   | <b>ARS-25-100SW-2</b> | 1/4" | 1/4" x 1" w/nuts | 25 |
| 79903875924   | <b>ARS-37-100SW-2</b> | 3/8" | 1/4" x 1" w/nuts | 25 |

|  |                           |      |                        |    |
|--|---------------------------|------|------------------------|----|
| <b>Steel Rod Hanger - Point Style #5 For Purlins</b> |                           |      |                        |    |
| 79903875926  | <b>ARS-37-150HDHN-2**</b> | 3/8" | #12-24 x 1 1/2" w/nuts | 25 |

\*\* For UL & FM listings, steel rapid rod should be installed with a retaining nut.

| UPC/Part Number | Catalog Number | Tool Description  | Box Qty. |
|-----------------|----------------|-------------------|----------|
| <b>Tool</b>     |                |                   |          |
| 79903877711     | <b>7187S-2</b> | Steel Socket 1/2" | 1        |

Read safety/installation instruction sheets in packages before use.

## Rapid Rod Hangers

- One-piece, all steel threaded fastener system for suspending steel threaded rod.
- Suitable for overhead installations such as suspending cable tray, pipe hangers, strut and conduit.
- Side Mount (SW) available for side mounting applications.
- Lower in-place cost, when compared to beam clamps, lag bolts and drop-ins.
- Wood rapid rods can be installed with a screw gun or hammer drill.
- Concrete Rapid Rod hangers can be installed with an adjustable torque, battery powered screw gun or hammer drill.
- UL & FM approved.
- Made of Zinc Plated carbon steel.

## Rapid Rod Hangers - Concrete

| Concrete Rapid Rod - Data      | ¼"  | ⅜"  | ½"   |
|--------------------------------|-----|-----|------|
| ANSI Drill Bit (in.)           | ¼   | ¼   | ¼    |
| Length (in.)                   | 1⅝  | 1⅝  | 2½   |
| Min. Embedment Depth (in.)     | 1⅝  | 1⅝  | 2½   |
| Load Capacity Tension (lbs.) * | 815 | 815 | 1050 |
| Load Capacity Shear (lbs.) *   | 380 | 525 | 525  |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

## Rapid Rod Hangers - Wood

| Wood Rapid Rod™ - Data   | ¼" Thread Forming | ⅜" Thread Forming |
|--------------------------|-------------------|-------------------|
| Pre-Drill Diameter (in.) | ⅛                 | ⅛                 |
| Point Style              | Type 17           | Type 17           |

### Wood Rapid Rod - Embedment & Load Data (lbs.)

| Rod/Anchor Size | Embedment Depth | Fir | Pine | Spruce |
|-----------------|-----------------|-----|------|--------|
| ¼"              | 1"              | 170 | 160  | 160    |
| ⅜"              | 2"              | 375 | 375  | 375    |
| ½"              | 2½"             | 665 | 775  | 775    |

Minimum load ratings are based on a safety factor of 4. UL approved load capacity for ⅜" rod sizes and ¼" screw size is 260 lbs., maximum 3" pipe. UL approved load capacity for ½" rod sizes and ⅜" screw size is 375 lbs., maximum 4" pipe. FM approval only applies to ⅜" x 2½" screw size. Approved for 365 lbs., up to 4" pipe.

‡ Not ICC-ES Certified

*Read safety/installation instruction sheets in packages before use.*

## Rapid Rod Hangers



ARC Series



ARW Series

| UPC/Part Number | Catalog Number | Rod Size | Shank Size & Length | Box Qty. |
|-----------------|----------------|----------|---------------------|----------|
|-----------------|----------------|----------|---------------------|----------|

### Concrete Rod Hanger

|             |                     |    |          |    |
|-------------|---------------------|----|----------|----|
| 79903875917 | <b>ARC-25-125-2</b> | ¼" | ¼" x 1½" | 25 |
| 79903875918 | <b>ARC-37-150-2</b> | ⅜" | ¼" x 1½" | 25 |
| 79903875919 | <b>ARC-37-275-2</b> | ⅜" | ¼" x 2½" | 25 |

For side mount concrete applications use ARW-25-100SW or ARW-37-200SW with ⅜" drill bit.

### Wood Rod Hanger - Point Style Type 17

|             |                     |    |          |    |
|-------------|---------------------|----|----------|----|
| 79903875930 | <b>ARW-25-200-2</b> | ¼" | ¼" x 2"  | 25 |
| 79903875931 | <b>ARW-37-100-2</b> | ⅜" | ¼" x 1"  | 25 |
| 79903875933 | <b>ARW-37-200-2</b> | ⅜" | ¼" x 2"  | 25 |
| 79903875935 | <b>ARW-37-250-2</b> | ⅜" | ⅝" x 2½" | 25 |
| 79903875936 | <b>ARW-50-250-2</b> | ½" | ⅝" x 2½" | 25 |

### Wood Rod Hanger - Side Mount - Point Style Type 17

|             |                       |    |         |    |
|-------------|-----------------------|----|---------|----|
| 79903875929 | <b>ARW-25-100SW-2</b> | ¼" | ¼" x 1" | 25 |
| 79903875934 | <b>ARW-37-200SW-2</b> | ⅜" | ¼" x 2" | 25 |
| 79903875932 | <b>ARW-37-100SW-2</b> | ⅜" | ¼" x 1" | 25 |

| UPC/Part Number | Catalog Number | Tool Description | Box Qty. |
|-----------------|----------------|------------------|----------|
|-----------------|----------------|------------------|----------|

### Tools

|             |               |                                 |   |
|-------------|---------------|---------------------------------|---|
| 79903875900 | <b>7187-2</b> | Wood Socket                     | 1 |
| 79903875901 | <b>7195-2</b> | ¼" Concrete Socket              | 1 |
| 79903875902 | <b>7197-2</b> | ⅜" Concrete Socket              | 1 |
| 78205153360 | <b>5874</b>   | Concrete Tapper Sleeve Assy.    | 1 |
| 78205153361 | <b>5866</b>   | ¼" X 6" Hex Shank SDS Drill Bit | 1 |

Read safety/installation instruction sheets in packages before use.

## Drop-in Anchors

- Designed for use in solid concrete.
- Can be used for overhead applications such as suspending cable tray, strut, pipe supports and lighting.
- Flanged (lipped) version installs flush for easy inspection and standardizes rod heights.
- Smooth wall drop-in can be installed flush mounted or below the base material surface.
- UL & FM approved.
- Available in Zinc Plated finish or Stainless Steel.



Smooth Wall



Setting Tool



Flanged

‡ Not ICC-ES certified

| Drop-In Anchors - Data          | ¼"    | ⅜"    | ½"    | ⅝"    | ¾"    |
|---------------------------------|-------|-------|-------|-------|-------|
| ANSI Drill Bit Size (in.)       | ⅜     | ½     | ⅝     | ⅞     | 1     |
| Max. Tightening Torque (ft-lbs) | 5     | 10    | 20    | 40    | 80    |
| Thread Size (UNC)               | ¼"-20 | ⅜"-16 | ½"-13 | ⅝"-11 | ¾"-10 |
| Min. Embedment Depth (in.)      | 1     | 1⅞    | 2     | 2½    | 3⅞    |
| Load Capacity Tension (lbs) *   | 390   | 715   | 1050  | 1860  | 2350  |
| Load Capacity Shear (lbs) *     | 640   | 1190  | 1875  | 3095  | 3920  |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

| UPC/Part Number | Catalog Number | Rod Size | Anchor Length | Thread Depth | Box Qty. |
|-----------------|----------------|----------|---------------|--------------|----------|
|-----------------|----------------|----------|---------------|--------------|----------|

### Drop-In Anchor - Smooth Wall - Steel

|             |               |    |     |     |     |
|-------------|---------------|----|-----|-----|-----|
| 78101103218 | <b>ADI-25</b> | ¼" | 1"  | ⅞"  | 100 |
| 78101103219 | <b>ADI-37</b> | ⅜" | 1⅞" | ⅝"  | 50  |
| 78101103220 | <b>ADI-50</b> | ½" | 2"  | 1⅜" | 50  |
| 78101103221 | <b>ADI-62</b> | ⅝" | 2½" | 1⅜" | 25  |
| 78101103222 | <b>ADI-75</b> | ¾" | 3⅞" | 1⅜" | 10  |

### Drop-In Anchor - Smooth Wall - Stainless Steel

|             |                  |    |     |     |     |
|-------------|------------------|----|-----|-----|-----|
| 78101103223 | <b>ADI-25SS4</b> | ¼" | 1"  | ⅞"  | 100 |
| 78101103224 | <b>ADI-37SS4</b> | ⅜" | 1⅞" | ⅝"  | 50  |
| 78101103226 | <b>ADI-50SS4</b> | ½" | 2"  | 1⅜" | 50  |
| 78101103227 | <b>ADI-62SS4</b> | ⅝" | 2½" | 1⅜" | 25  |
| 78101103228 | <b>ADI-75SS4</b> | ¾" | 3⅞" | 1⅜" | 10  |

### Drop-In Hanger - Flanged - Steel

|             |                 |    |     |     |     |
|-------------|-----------------|----|-----|-----|-----|
| 78205153297 | <b>ADI-25FL</b> | ¼" | 1"  | ⅞"  | 100 |
| 78205153298 | <b>ADI-37FL</b> | ⅜" | 1⅞" | ⅝"  | 50  |
| 78205153299 | <b>ADI-50FL</b> | ½" | 2"  | 1⅜" | 50  |

| UPC/Part Number | Catalog Number | Rod Size | Pin Length | Box Qty. |
|-----------------|----------------|----------|------------|----------|
|-----------------|----------------|----------|------------|----------|

### Setting Tools

|             |             |    |     |   |
|-------------|-------------|----|-----|---|
| 78101103229 | <b>6305</b> | ¼" | ⅜"  | 1 |
| 78101103231 | <b>6307</b> | ⅜" | ⅝"  | 1 |
| 78101103232 | <b>6309</b> | ½" | 1⅜" | 1 |
| 78101103233 | <b>6311</b> | ⅝" | 1⅝" | 1 |
| 78101103234 | <b>6313</b> | ¾" | 1⅞" | 1 |

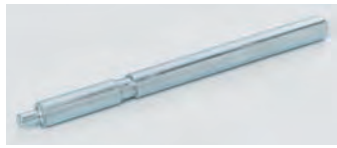
Read safety/installation instruction sheets in packages before use.

## Mini Drop-in Anchors

- Carbon steel machine bolt anchor for use in shallow embedment applications.
- Can be used in solid concrete and precast hollow core plank, in addition to post-tensioned concrete slabs and concrete pours over metal deck.
- Can be used for overhead applications such as suspending cable tray, strut, pipe supports and lighting.
- Flanged (lipped) version installs flush for easy inspection and standardizes rod heights.
- Setting tool scores flange when set to verify proper expansion
- Available in zinc plated finish.
- FM approved.



Anchor



Setting Tool

| Mini Drop-In Anchors - Data     | ¼"    | ⅜"    | ½"    |
|---------------------------------|-------|-------|-------|
| ANSI Drill Bit Size (in.)       | ⅜     | ½     | ⅝     |
| Max. Tightening Torque (ft-lbs) | 3     | 5     | 10    |
| Thread Size (UNC)               | ¼"-20 | ⅜"-16 | ½"-13 |
| Min. Embedment Depth (in.)      | ⅝     | ¾     | 1     |
| Load Capacity Tension (lbs) *   | 285   | 530   | 840   |
| Load Capacity Shear (lbs) *     | 415   | 1055  | 1220  |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

| UPC/Part Number                    | Catalog Number | Rod Size | Thread Depth | Box Qty. |
|------------------------------------|----------------|----------|--------------|----------|
| <b>Mini Drop-In Anchor - Steel</b> |                |          |              |          |
| 78205153300                        | <b>ADM-25</b>  | ¼"       | ⅜"           | 100      |
| 78205153302                        | <b>ADM-37</b>  | ⅜"       | 1⅜"          | 50       |
| 78205153302                        | <b>ADM-50</b>  | ½"       | ⅝"           | 50       |
| <b>Setting Tools</b>               |                |          |              |          |
| 78205153301                        | <b>6336</b>    | ¼"       | —            | 1        |
| 78205153303                        | <b>6323</b>    | ⅜"       | —            | 1        |
| 78205153305                        | <b>6338</b>    | ½"       | —            | 1        |

‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.

## Hollow Base Drop-in Anchors

- For use in hollow base materials such as hollow concrete block, brick with weep holes, and precast hollow core plank.
- Can also be used in solid base materials.
- Smooth wall drop-in can be installed flush mounted or below the base material surface.
- Available in Zinc Plated finish.



Anchor



Setting Tool

| Hollow Base Drop-In - Data      | 1/4"    | 3/8"    | 1/2"    |
|---------------------------------|---------|---------|---------|
| ANSI Drill Bit Size (in.)       | 3/8     | 5/8     | 3/4     |
| Max. Tightening Torque (ft-lbs) | 5       | 10      | 20      |
| Thread Size (UNC)               | 1/4"-20 | 3/8"-16 | 1/2"-13 |
| Thread Length In Cone (in.)     | 3/8     | 5/8     | 3/4     |
| Min. Embedment Depth (in.)      | 3/4     | 1       | 1 1/2   |
| Load Capacity Tension (lbs) *   | 230     | 415     | 805     |
| Load Capacity Shear (lbs) *     | 240     | 510     | 805     |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

| UPC/Part Number            | Catalog Number | Rod Size | Overall Length | Sleeve Length | Box Qty. |
|----------------------------|----------------|----------|----------------|---------------|----------|
| <b>Hollow Base Drop-In</b> |                |          |                |               |          |
| 78205153291                | <b>ADH-25</b>  | 1/4"     | 7/8"           | 5/8"          | 100      |
| 78205153293                | <b>ADH-37</b>  | 3/8"     | 1 5/16"        | 1 5/16"       | 50       |
| 78205153294                | <b>ADH-50</b>  | 1/2"     | 1 3/4"         | 1 1/4"        | 50       |
| <b>Setting Tools</b>       |                |          |                |               |          |
| 78205153292                | <b>9323</b>    | 1/4"     | –              | –             | 1        |
| 78205153294                | <b>9343</b>    | 3/8"     | –              | –             | 1        |
| 78205153296                | <b>9353</b>    | 1/2"     | –              | –             | 1        |

‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.

## Concrete Screw Bolts

- For use in racking, shelving, material handling, structural anchorage, masonry and food & beverage facilities.
- One piece heavy-duty anchor with a finished hex-head.
- Fast installation and immediate loading reduces downtime.



- ICC-ES Listed, ESR-3889, qualified for static, seismic and wind loading in concrete.
- ICC-ES Listed, ESR-4042, qualified for static, wind and seismic loading in grouted masonry.

| Concrete Screw Bolts - Data   | ¼"  | ⅜"   |
|-------------------------------|-----|------|
| Drill Bit Size (in.)          | ¼   | ⅜    |
| Min. Embedment Depth (in.)    | 1   | 1½   |
| Load Capacity Tension (lbs) * | 385 | 835  |
| Load Capacity Shear (lbs) *   | 480 | 1125 |

\* Based on concrete compression strength of 4000 psi in uncracked concrete using applied safety factor of 4.0. For additional loading information contact factory. For ultimate strength design data in cracked and uncracked concrete, see ICC-ES ESR-3889.

| UPC/Part Number                  | Catalog Number      | Anchor Size | Box Qty. |
|----------------------------------|---------------------|-------------|----------|
| <b>Screw Type Anchor - Steel</b> |                     |             |          |
| 79903875903                      | <b>ACB-25-175-2</b> | ¼" x 1¾"    | 25       |
| 79903875904                      | <b>ACB-25-225-2</b> | ¼" x 2¼"    | 25       |
| 79903875905                      | <b>ACB-25-300-2</b> | ¼" x 3"     | 25       |
| 79903875906                      | <b>ACB-37-175-2</b> | ⅜" x 1¾"    | 25       |
| 79903875907                      | <b>ACB-37-250-2</b> | ⅜" x 2½"    | 25       |
| 79903875908                      | <b>ACB-37-300-2</b> | ⅜" x 3"     | 25       |
| 79903875909                      | <b>ACB-37-400-2</b> | ⅜" x 4"     | 25       |

Read safety/installation instruction sheets in packages before use.

## Concrete Screws

- Light to medium duty anchor for use in concrete, masonry block and brick base materials.
- Concrete screws are engineered with matched tolerance bits and installation tools to optimize performance.
- High low thread design for greater stability and grip.
- No hole spotting required.
- One drill bit is packaged in each box of concrete screws.
- Blue fluorocarbon coating for corrosion resistance.



Straight Shank Drill Bit



SDS Hex Drill Bit



Hex Head

| Hex Head - Data              | 3/16" | 1/4"  |
|------------------------------|-------|-------|
| ANSI Drill Bit Size (in.)    | 5/32  | 3/16  |
| Fixture Clearance Hole (in.) | 1/4   | 5/16  |
| Head Height (in.)            | 7/64  | 9/64  |
| Head Width (in.)             | 1/4   | 5/16  |
| Washer O.D. (in.)            | 11/32 | 13/32 |
| Washer Thickness (in.)       | 1/32  | 1/32  |
| Hex Driver (in.)             | 1/4   | 5/16  |



Flat Head

| Flat Head - Data             | 3/16" | 1/4" |
|------------------------------|-------|------|
| ANSI Drill Bit Size (in.)    | 5/32  | 3/16 |
| Fixture Clearance Hole (in.) | 1/4   | 5/16 |
| Phillips Head O.D. (in.)     | 3/8   | 1/2  |
| Phillips Head Height (in.)   | 9/64  | 3/16 |
| Phillips Bit Size            | 2     | 3    |

| Embedment Depth | Nominal Anchor Dia. / Loading* |             |              |            |
|-----------------|--------------------------------|-------------|--------------|------------|
|                 | 3/16" Tension                  | 3/16" Shear | 1/4" Tension | 1/4" Shear |
| 1 3/4"          | 360                            | 240         | 555          | 375        |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

- ICC-ES Listed, ESR 3068, qualified for static, wind and loading in concrete.
- ICC-ES Listed, ESR 1678, qualified for static, wind and seismic loading in grouted concrete.
- ICC-ES Listed, ESR 3213, qualified for use in chemically treated wood.
- ICC-ES Listed, ESR 3042, qualified for use in wood.

Read safety/installation instruction sheets in packages before use.



## Concrete Screws

| UPC/Part Number                 | Catalog Number      | Size           | Box Qty. |
|---------------------------------|---------------------|----------------|----------|
| <b>Hex Head Concrete Screws</b> |                     |                |          |
| 78101103342                     | <b>ACS-18-125H*</b> | 3/16" x 1 1/4" | 100      |
| 78101103343                     | <b>ACS-18-175H*</b> | 3/16" x 1 3/4" | 100      |
| 78101103344                     | <b>ACS-18-225H</b>  | 3/16" x 2 1/4" | 100      |
| 78101103346                     | <b>ACS-18-275H</b>  | 3/16" x 2 3/4" | 100      |
| 78101103347                     | <b>ACS-18-325H</b>  | 3/16" x 3 1/4" | 100      |
| 78101103348                     | <b>ACS-18-375H</b>  | 3/16" x 3 3/4" | 100      |
| 78101103349                     | <b>ACS-18-400H</b>  | 3/16" x 4"     | 100      |
| 78101103342                     | <b>ACS-25-125H*</b> | 1/4" x 1 1/4"  | 100      |
| 78101103343                     | <b>ACS-25-175H*</b> | 1/4" x 1 3/4"  | 100      |
| 78101103344                     | <b>ACS-25-225H</b>  | 1/4" x 2 1/4"  | 100      |
| 78101103346                     | <b>ACS-25-275H</b>  | 1/4" x 2 3/4"  | 100      |
| 78101103347                     | <b>ACS-25-325H</b>  | 1/4" x 3 1/4"  | 100      |
| 78101103348                     | <b>ACS-25-375H</b>  | 1/4" x 3 3/4"  | 100      |
| 78101103349                     | <b>ACS-25-400H</b>  | 1/4" x 4"      | 100      |

### Flat Head Concrete Screws

|             |                     |                |     |
|-------------|---------------------|----------------|-----|
| 78205153259 | <b>ACS-18-125F*</b> | 3/16" x 1 1/4" | 100 |
| 78205153260 | <b>ACS-18-175F*</b> | 3/16" x 1 3/4" | 100 |
| 78205153261 | <b>ACS-18-225F</b>  | 3/16" x 2 1/4" | 100 |
| 78205153262 | <b>ACS-18-275F</b>  | 3/16" x 2 3/4" | 100 |
| 78205153263 | <b>ACS-25-125F*</b> | 1/4" x 1 1/4"  | 100 |
| 78205153264 | <b>ACS-25-175F*</b> | 1/4" x 1 3/4"  | 100 |
| 78205153265 | <b>ACS-25-225F</b>  | 1/4" x 2 1/4"  | 100 |
| 78205153266 | <b>ACS-25-275F</b>  | 1/4" x 2 3/4"  | 100 |

\* Not ICC-ES listed

| UPC/Part Number                  | Catalog Number | Bit Size                | Usable Length | Box Qty. |
|----------------------------------|----------------|-------------------------|---------------|----------|
| <b>Straight Shank Drill Bits</b> |                |                         |               |          |
| 78205153267                      | <b>2782SD</b>  | 5/32" x 4 1/2"          | 3"            | 1        |
| 78205153269                      | <b>2786SD</b>  | 3/16" x 4 1/2"          | 3"            | 1        |
| <b>SDS Hex Drill Bits</b>        |                |                         |               |          |
| 78205153268                      | <b>2793</b>    | 5/32" x 5"              | 3"            | 1        |
| 78205153270                      | <b>2796</b>    | 3/16" x 5"              | 3"            | 1        |
| UPC/Part Number                  | Catalog Number | Description             | Box Qty.      |          |
| <b>Setting Tool</b>              |                |                         |               |          |
| 78101103453                      | <b>2791</b>    | Concrete Screw Tool Kit | 100           |          |

Read safety/installation instruction sheets in packages before use.

## Wedge Expansion Anchors

- Heavy and medium duty all purpose anchor.
- For use in solid concrete and grout filled block.
- Anchors can be installed through the fixture, no need for hole spotting.
- Wire hanger hole size  $\frac{9}{32}$ " diameter, head height  $\frac{3}{4}$ ".
- UL & FM approved.
- Available in Zinc Plated Carbon Steel or Type 304 Stainless Steel.



| Wedge Expansion Anchor - Data   | 1/4"    | 3/8"    | 1/2"    | 5/8"    |
|---------------------------------|---------|---------|---------|---------|
| ANSI Drill Bit Size (in.)       | 1/4     | 3/8     | 1/2     | 5/8     |
| Fixture Clearance Hole (in.)    | 5/16    | 7/16    | 9/16    | 11/16   |
| Thread Size (UNC)               | 1/4"-20 | 3/8"-16 | 1/2"-13 | 5/8"-11 |
| Washer O.D. (in.)               | 5/8     | 13/16   | 1 1/16  | 1 3/4   |
| Wrench Size                     | 7/16    | 9/16    | 3/4     | 15/16   |
| Max. Tightening Torque (ft-lbs) | 8       | 28      | 60      | 90      |
| Min. Embedment Depth (in.)      | 1 1/8   | 1 5/8   | 2 1/4   | 2 3/4   |
| Load Capacity Tension (lbs) *   | 415     | 775     | 1200    | 1570    |
| Load Capacity Shear (lbs) *     | 325     | 635     | 1050    | 1705    |

| Wire Hanger Wedge Anchor - Data | 1/4"  |
|---------------------------------|-------|
| ANSI Drill Bit Size (in.)       | 1/4   |
| Min. Embedment Depth (in.)      | 1 1/8 |
| Head Height (in.)               | 3/4   |
| Load Capacity Tension (lbs) *   | 360   |
| Load Capacity Shear (lbs) *     | 405   |

| UPC/Part Number | Catalog Number      | Size      | Hole Size | Box Qty. |
|-----------------|---------------------|-----------|-----------|----------|
| 78101103106     | <b>AWA-25-200WH</b> | 1/4" x 2" | 9/32"     | 100      |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

- Carbon steel anchors ICC Listed, ESR 2818, qualified for seismic and wind loading in concrete.
- Carbon steel anchors ICC Listed, ESR 2966, qualified for wind and seismic loading in grouted masonry.
- Stainless steel anchors ICC Listed, ESR 2502, qualified for seismic and wind loading in concrete.

Read safety/installation instruction sheets in packages before use.

## Wedge Expansion Anchors

| UPC/Part Number                       | Catalog Number       | Size     | Thread Length | Box Qty. |
|---------------------------------------|----------------------|----------|---------------|----------|
| <b>Wedge Anchor</b>                   |                      |          |               |          |
| 78101103068                           | <b>AWA-25-175</b>    | ¼" x 1¾" | ¾"            | 100      |
| 78101103069                           | <b>AWA-25-225</b>    | ¼" x 2¼" | 1¼"           | 100      |
| 78101103070                           | <b>AWA-25-325</b>    | ¼" x 3¼" | 2¼"           | 100      |
| 78101103071                           | <b>AWA-37-225</b>    | ⅜" x 2¼" | 1¼"           | 50       |
| 78101103072                           | <b>AWA-37-275</b>    | ⅜" x 2¾" | 1⅝"           | 50       |
| 78101103073                           | <b>AWA-37-300</b>    | ⅜" x 3"  | 1⅞"           | 50       |
| 78205153364                           | <b>AWA-37-350</b>    | ⅜" x 3½" | 2⅜"           | 50       |
| 78101103074                           | <b>AWA-37-375</b>    | ⅜" x 3¾" | 2⅝"           | 50       |
| 78101103075                           | <b>AWA-37-500</b>    | ⅜" x 5"  | 3⅞"           | 50       |
| 78205153366                           | <b>AWA-50-275</b>    | ½" x 2¾" | 1⅜"           | 50       |
| 78101103077                           | <b>AWA-50-375</b>    | ½" x 3¾" | 2⅜"           | 50       |
| 78205145636                           | <b>AWA-50-450</b>    | ½" x 4½" | 3⅞"           | 50       |
| 78101103079                           | <b>AWA-50-550</b>    | ½" x 5½" | 4⅞"           | 50       |
| 78101103080                           | <b>AWA-50-700</b>    | ½" x 7"  | 5⅝"           | 25       |
| 78101103081                           | <b>AWA-62-350</b>    | ⅝" x 3½" | 2"            | 25       |
| 78101103082                           | <b>AWA-62-450</b>    | ⅝" x 4½" | 3"            | 25       |
| 78101103083                           | <b>AWA-62-500</b>    | ⅝" x 5"  | 3½"           | 25       |
| 78101103084                           | <b>AWA-62-600</b>    | ⅝" x 6"  | 4½"           | 25       |
| 78101103085                           | <b>AWA-62-700</b>    | ⅝" x 7"  | 5½"           | 25       |
| <b>Wedge Anchor - Stainless Steel</b> |                      |          |               |          |
| 78101103146                           | <b>AWA-25-175SS4</b> | ¼" x 1¾" | ¾"            | 100      |
| 78101103147                           | <b>AWA-25-225SS4</b> | ¼" x 2¼" | 1¼"           | 100      |
| 78101103148                           | <b>AWA-25-325SS4</b> | ¼" x 3¼" | 2¼"           | 100      |
| 78101103149                           | <b>AWA-37-225SS4</b> | ⅜" x 2¼" | 1¼"           | 50       |
| 78101103150                           | <b>AWA-37-275SS4</b> | ⅜" x 2¾" | 1⅝"           | 50       |
| 78101101151                           | <b>AWA-37-300SS4</b> | ⅜" x 3"  | 1⅞"           | 50       |
| 78205153365                           | <b>AWA-37-350SS4</b> | ⅜" x 3½" | 2⅜"           | 50       |
| 78101103152                           | <b>AWA-37-375SS4</b> | ⅜" x 3¾" | 2⅝"           | 50       |
| 78101103153                           | <b>AWA-37-500SS4</b> | ⅜" x 5"  | 3⅞"           | 50       |
| 78101103154                           | <b>AWA-50-275SS4</b> | ½" x 2¾" | 1⅜"           | 50       |
| 78101103155                           | <b>AWA-50-375SS4</b> | ½" x 3¾" | 2⅜"           | 50       |
| 78205153367                           | <b>AWA-50-450SS4</b> | ½" x 4½" | 3⅞"           | 50       |
| 78101103157                           | <b>AWA-50-550SS4</b> | ½" x 5½" | 4⅞"           | 50       |
| 78205153368                           | <b>AWA-50-700SS4</b> | ½" x 7"  | 5⅝"           | 25       |
| 78205153369                           | <b>AWA-62-350SS4</b> | ⅝" x 3½" | 2"            | 25       |
| 78205153370                           | <b>AWA-62-450SS4</b> | ⅝" x 4½" | 3"            | 25       |
| 78205153779                           | <b>AWA-62-500SS4</b> | ⅝" x 5"  | 3½"           | 25       |
| 78205153371                           | <b>AWA-62-600SS4</b> | ⅝" x 6"  | 4½"           | 25       |
| 78205143044                           | <b>AWA-62-700SS4</b> | ⅝" x 7"  | 5½"           | 25       |

Read safety/installation instruction sheets in packages before use.

## Power Stud<sup>®†</sup> SD2 Seismic Wedge Anchors

- Fully threaded, torque-controlled, wedge anchor which is designed for consistent performance in cracked and uncracked concrete.
- For use in concrete, structural sand lightweight concrete, and concrete over metal deck.
- Nominal drill bit size is the same as the anchor diameter.
- ICC-ES listed, ESR-2502, Category 1
- Zinc plated carbon steel body with stainless steel expansion clip from premium performance.
- Qualified for seismic and wind loading.



| Seismic Wedge Anchor - Data      | 3/8"  | 1/2"  | 5/8"   | 3/4"  |
|----------------------------------|-------|-------|--------|-------|
| ANSI Drill Bit Size (in.)        | 3/8   | 1/2   | 5/8    | 3/4   |
| Fixture Clearance Hole (in.)     | 7/16  | 9/16  | 1 1/16 | 13/16 |
| Minimum Hole Depth (in.)         | 2 5/8 | 2 3/4 | 4 1/4  | 5     |
| Minimum Concrete Thickness (in.) | 4     | 4 1/2 | 5 3/4  | 7     |
| Max. Tightening Torque (ft-lbs)  | 20    | 40    | 60     | 110   |
| Min. Embedment Depth (in.)       | 2 3/8 | 2 1/2 | 3 7/8  | 4 1/2 |
| Loading Capacity Tension (lbs.)* | 1175  | 1410  | 2925   | 3625  |
| Loading Capacity Shear (lbs.)*   | 1445  | 1520  | 3810   | 5855  |

For loading information, ICC-ES certified see ICC-ES ESR-2502.

\* Based on cracked concrete with a compressive strength of 4000 psi. These loads were converted from Factored Design Strengths assuming 50% dead load and 50% live load, and a controlling load combination 1.2D + 1.6L.

† All other trademarks are property of their respective owners.

*Read safety/installation instruction sheets in packages before use.*

## Seismic Wedge Anchors

| UPC/Part Number             | Catalog Number     | Size          | Thread Length | Box Qty. |
|-----------------------------|--------------------|---------------|---------------|----------|
| <b>Seismic Wedge Anchor</b> |                    |               |               |          |
| 78205153398                 | <b>AWSD-37-300</b> | 3/8" X 3"     | 1 3/4"        | 50       |
| 78205153399                 | <b>AWSD-37-350</b> | 3/8" X 3 1/2" | 2 1/4"        | 50       |
| 78205153400                 | <b>AWSD-37-375</b> | 3/8" X 3 3/4" | 2 1/2"        | 50       |
| 78205153401                 | <b>AWSD-37-500</b> | 3/8" X 5"     | 3 3/4"        | 50       |
| 78205153402                 | <b>AWSD-50-375</b> | 1/2" X 3 3/4" | 2 1/8"        | 50       |
| 78205153403                 | <b>AWSD-50-450</b> | 1/2" X 4 1/2" | 2 7/8"        | 50       |
| 78205153404                 | <b>AWSD-50-550</b> | 1/2" X 5 1/2" | 3 7/8"        | 50       |
| 78205153405                 | <b>AWSD-50-700</b> | 1/2" X 7"     | 5 3/8"        | 50       |
| 78205153406                 | <b>AWSD-62-475</b> | 5/8" X 4 3/4" | 2 7/8"        | 25       |
| 78205153407                 | <b>AWSD-62-500</b> | 5/8" X 5"     | 3 1/8"        | 25       |
| 78205153408                 | <b>AWSD-62-600</b> | 5/8" X 6"     | 4 1/8"        | 25       |
| 78205153409                 | <b>AWSD-62-700</b> | 5/8" X 7"     | 5 1/8"        | 25       |
| 78205153410                 | <b>AWSD-75-550</b> | 3/4" X 5 1/2" | 3 1/4"        | 20       |
| 78205153411                 | <b>AWSD-75-625</b> | 3/4" X 6 1/4" | 4"            | 20       |
| 78205153425                 | <b>AWSD-75-700</b> | 3/4" X 7"     | 4 3/4"        | 20       |

Read safety/installation instruction sheets in packages before use.

## Drive Anchor

- One-piece, tamper-proof vibration resistant anchor for use in concrete.
- Anchor is formed with an 's' shaped configuration at the working end of the anchor to create an expansion mechanism.
- Anchor is pre-expanded so no secondary tightening operation is required.
- FM approved. (pipe hanger version)
- Made of Zinc Plated carbon steel.



| Mushroom Head - Data           | 3/16" | 1/4" |
|--------------------------------|-------|------|
| ANSI Drill Bit Size (in.)      | 3/16  | 1/4  |
| Fixture Clearance Hole (in.)   | 1/4   | 5/16 |
| Head Height (in.)              | 7/64  | 7/64 |
| Head Size O.D. (in.)           | 7/16  | 1/2  |
| Min. Embedment Depth (in.)     | 7/8   | 1    |
| Load Capacity Tension (lbs.) * | 165   | 210  |
| Load Capacity Shear (lbs.) *   | 330   | 465  |



| Rod Hanger - Data              | 1/4"    | 3/8"    |
|--------------------------------|---------|---------|
| ANSI Drill Bit Size (in.)      | 3/16    | 1/4     |
| UNC Thread Size                | 1/4"-20 | 3/8"-16 |
| Head Height (in.)              | 1/2     | 5/8     |
| Head Size O.D. (in.)           | 13/32   | 35/64   |
| Min. Embedment Depth (in.)     | 1 1/4   | 1 3/4   |
| Load Capacity Tension (lbs.) * | 315     | 500     |
| Load Capacity Shear (lbs.) *   | 245     | 525     |



| Wire Hanger - Data             | 3/16"       | 1/4"        |
|--------------------------------|-------------|-------------|
| ANSI Drill Bit Size (in.)      | 3/16        | 1/4         |
| Tie-Wire Hole (in.)            | 3/16        | 9/32        |
| Head Height (in.)              | 37/64       | 41/64       |
| Head Width (in.)               | 9/64 x 7/16 | 3/16 x 9/16 |
| Min. Embedment Depth (in.)     | 1 1/8       | 1 1/8       |
| Load Capacity Tension (lbs.) * | 265         | 290         |
| Load Capacity Shear (lbs.) *   | 240         | 330         |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

Read safety/installation instruction sheets in packages before use.

## Drive Anchors

| UPC/Part Number      | Catalog Number    | Size           | Box Qty. |
|----------------------|-------------------|----------------|----------|
| <b>Mushroom Head</b> |                   |                |          |
| 78205153271          | <b>ADA-18-100</b> | 3/16" x 1"     | 100      |
| 78205153272          | <b>ADA-18-125</b> | 3/16" x 1 1/4" | 100      |
| 78205153273          | <b>ADA-18-150</b> | 3/16" x 1 1/2" | 100      |
| 78205153274          | <b>ADA-18-200</b> | 3/16" x 2"     | 100      |
| 78205153275          | <b>ADA-18-250</b> | 3/16" x 2 1/2" | 100      |
| 78205153276          | <b>ADA-18-300</b> | 3/16" x 3"     | 100      |
| 78205153278          | <b>ADA-25-100</b> | 1/4" x 1"      | 100      |
| 78205153279          | <b>ADA-25-125</b> | 1/4" x 1 1/4"  | 100      |
| 78205153280          | <b>ADA-25-150</b> | 1/4" x 1 1/2"  | 100      |
| 78205153281          | <b>ADA-25-200</b> | 1/4" x 2"      | 100      |
| 78205153282          | <b>ADA-25-250</b> | 1/4" x 2 1/2"  | 100      |
| 78205153283          | <b>ADA-25-300</b> | 1/4" x 3"      | 100      |

| UPC/Part Number    | Catalog Number  | Head Size | Box Qty. |
|--------------------|-----------------|-----------|----------|
| <b>Rod Hanger</b>  |                 |           |          |
| 78205153284        | <b>ADA-25RH</b> | 1/4"      | 100      |
| 78205153286        | <b>ADA-37RH</b> | 3/8"      | 100      |
| <b>Wire Hanger</b> |                 |           |          |
| 78205153277        | <b>ADA-18WH</b> | 3/16"     | 100      |
| 78205153285        | <b>ADA-25WH</b> | 1/4"      | 100      |

‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.

## Sleeve Type Expansion Anchors

- For use in concrete and masonry substrates.
- Suitable for solid and hollow core materials.
- Fits standard fixture holes - no need to undersize anchors for proper fit.
- Sleeve has 360° contact area and reduces concrete stress.
- UL & FM approved.
- Available in Zinc Plated Steel or Type 304 Stainless Steel.



Hex Nut (HN) Style



Acorn Nut (AN) Style



Slotted Round Head (RS) Style

| Sleeve Type Expansion - Data  | 1/4"   | 3/8"     | 1/2"    | 5/8"    | 3/4"    |
|-------------------------------|--------|----------|---------|---------|---------|
| ANSI Drill Bit Size (in.)     | 1/4    | 3/8      | 1/2     | 5/8     | 3/4     |
| Fixture Clearance Hole (in.)  | 5/16   | 7/16     | 9/16    | 1 1/16  | 1 5/16  |
| Plow Bolt Size (UNC)          | #10-24 | 5/16"-18 | 3/8"-16 | 1/2"-13 | 5/8"-11 |
| Min. Embedment Depth (in.)    | 1/2    | 1 1/4    | 1 1/2   | 2       | 2 1/4   |
| Load Capacity Tension (lbs) * | 65     | 540      | 645     | 1405    | 1455    |
| Load Capacity Shear (lbs) *   | 250    | 1030     | 1215    | 1215    | 2760    |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading contact factory.



Rod Hanger (RH) Style



Wire Hanger (WH) Style

| Sleeve Type Expansion - Data  | Hanger Rod |          |         | Wire Hanger |
|-------------------------------|------------|----------|---------|-------------|
|                               | 1/4"       | 3/8"     | 1/2"    | 5/16"       |
| ANSI Drill Bit Size (in.)     | 1/4        | 3/8      | 1/2     | 5/16        |
| Fixture Clearance Hole (in.)  | NA         | NA       | NA      | 1/4         |
| Plow Bolt Size (UNC)          | #10-24     | 5/16"-18 | 3/8"-16 | 1/4"-20     |
| Coupling Height (in.)         | 7/8        | 1        | 1 1/4   | NA          |
| Min. Embedment Depth (in.)    | 1/2        | 1 1/4    | 1 1/2   | 1           |
| Load Capacity Tension (lbs) * | 65         | 540      | 645     | 350         |
| Load Capacity Shear (lbs) *   | 250        | 1030     | 1215    | 590         |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading go to [www.cooperblineline.com](http://www.cooperblineline.com).

For loading information, see ICC-ES ESR-2502.

Read safety/installation instruction sheets in packages before use.



## Sleeve Type Expansion Anchors

| UPC/Part Number      | Catalog Number      | Size          | Thread Length | Box Qty. |
|----------------------|---------------------|---------------|---------------|----------|
| <b>Hex Nut Style</b> |                     |               |               |          |
| 78101102995          | <b>ASA-37-187HN</b> | 3/8" x 1 7/8" | 1 5/8"        | 50       |
| 78101102996          | <b>ASA-37-300HN</b> | 3/8" x 3"     | 1 5/8"        | 50       |
| 78205153400          | <b>ASA-37-400HN</b> | 3/8" x 4"     | 1 5/8"        | 50       |
| 78101102997          | <b>ASA-50-225HN</b> | 1/2" x 2 1/2" | 2 1/8"        | 25       |
| 78101102998          | <b>ASA-50-300HN</b> | 1/2" x 3"     | 2 1/4"        | 25       |
| 78101102999          | <b>ASA-50-400HN</b> | 1/2" x 3 3/4" | 2 1/4"        | 25       |
| 78205153351          | <b>ASA-50-525HN</b> | 1/2" x 5 1/4" | 2 1/4"        | 25       |
| 78101103002          | <b>ASA-50-600HN</b> | 1/2" x 6"     | 2 1/4"        | 10       |
| 78101103003          | <b>ASA-62-225HN</b> | 5/8" x 2 1/2" | 2 1/8"        | 25       |
| 78101103004          | <b>ASA-62-300HN</b> | 5/8" x 3"     | 2 3/4"        | 25       |
| 78101103005          | <b>ASA-62-425HN</b> | 5/8" x 4 1/4" | 2 3/4"        | 10       |
| 78101103006          | <b>ASA-62-600HN</b> | 5/8" x 5 3/4" | 2 3/4"        | 10       |
| 78101103007          | <b>ASA-75-250HN</b> | 3/4" x 2 3/4" | 2 1/8"        | 10       |
| 78101103008          | <b>ASA-75-425HN</b> | 3/4" x 4 1/4" | 3 3/8"        | 10       |
| 78101103009          | <b>ASA-75-625HN</b> | 3/4" x 6 1/4" | 3 3/8"        | 10       |

**Hex Nut Style - Stainless Steel**

|             |                        |               |        |    |
|-------------|------------------------|---------------|--------|----|
| 78205153343 | <b>ASA-37-187HNSS4</b> | 3/8" x 1 7/8" | 1 5/8" | 50 |
| 78205153345 | <b>ASA-37-300HNSS4</b> | 3/8" x 3"     | 1 5/8" | 50 |
| 78205153347 | <b>ASA-50-225HNSS4</b> | 1/2" x 2 1/2" | 2 1/8" | 25 |
| 78205153349 | <b>ASA-50-300HNSS4</b> | 1/2" x 3"     | 2 1/4" | 25 |
| 78205153350 | <b>ASA-50-400HNSS4</b> | 1/2" x 3 3/4" | 2 1/4" | 25 |
| 78205153352 | <b>ASA-62-425HNSS4</b> | 5/8" x 4 1/4" | 2 3/4" | 10 |

**Acorn Nut Style**

|             |                     |               |        |     |
|-------------|---------------------|---------------|--------|-----|
| 78205153341 | <b>ASA-25-62AN</b>  | 1/4" x 5/8"   | 1/2"   | 100 |
| 78101102991 | <b>ASA-25-137AN</b> | 1/4" x 1 3/8" | 1 1/8" | 100 |
| 78101102992 | <b>ASA-25-225AN</b> | 1/4" x 2 1/4" | 1 1/8" | 100 |

**Slotted Round Head Style**

|             |                     |               |        |     |
|-------------|---------------------|---------------|--------|-----|
| 78205153338 | <b>ASA-25-112RS</b> | 1/4" x 1 3/8" | 1"     | 100 |
| 78205153340 | <b>ASA-25-200RS</b> | 1/4" x 2 1/4" | 1 1/8" | 100 |

| UPC/Part Number    | Catalog Number      | Size           | Drill Diameter | Box Qty. |
|--------------------|---------------------|----------------|----------------|----------|
| <b>Rod Hanger</b>  |                     |                |                |          |
| 78205153339        | <b>ASA-25-150RH</b> | 1/4" x 1 1/2"  | 5/16"          | 50       |
| 78205153344        | <b>ASA-37-187RH</b> | 3/8" x 1 7/8"  | 3/8"           | 50       |
| 78205153348        | <b>ASA-50-225RH</b> | 1/2" x 2 1/4"  | 1/2"           | 25       |
| <b>Wire Hanger</b> |                     |                |                |          |
| 78205153342        | <b>ASA-31-150WH</b> | 5/16" x 2 3/8" | 5/16"          | 100      |

Read safety/installation instruction sheets in packages before use.

## Double Expansion Anchors

- For use in concrete, block, brick or stone.
- Double expansion anchor is particularly suited for base materials of questionable strength (job site tests are recommended).
- Internally threaded anchor for easy removability and service work.
- Made of Zamac Alloy material.



| Double Expansion - Data         | 1/4"    | 3/8"    | 1/2"    | 5/8"    |
|---------------------------------|---------|---------|---------|---------|
| ANSI Drill Bit Size (in.)       | 1/2     | 3/4     | 7/8     | 1       |
| Max. Tightening Torque (ft-lbs) | 5       | 10      | 20      | 30      |
| Thread Size (UNC)               | 1/4"-20 | 3/8"-16 | 1/2"-13 | 5/8"-11 |
| Thread Length In Cone (in.)     | 1/2     | 5/8     | 3/4     | 7/8     |
| Min. Embedment Depth (in.)      | 1 1/4   | 1 3/4   | 2 1/4   | 2 1/2   |
| Load Capacity Tension (lbs) *   | 225     | 500     | 890     | 1540    |
| Load Capacity Shear (lbs) *     | 285     | 750     | 1080    | 2570    |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

| UPC/Part Number                | Catalog Number | Rod Size | Anchor Length | Box Qty. |
|--------------------------------|----------------|----------|---------------|----------|
| <b>Double Expansion Anchor</b> |                |          |               |          |
| 78101103251                    | <b>ADE-25</b>  | 1/4"     | 1 3/8"        | 50       |
| 78101103253                    | <b>ADE-37</b>  | 3/8"     | 2"            | 50       |
| 78101103254                    | <b>ADE-50</b>  | 1/2"     | 2 1/2"        | 25       |
| 78101103256                    | <b>ADE-62</b>  | 5/8"     | 2 3/4"        | 25       |

‡ Not ICC-ES listed

Read safety/installation instruction sheets in packages before use.

## Single Expansion Anchors

- For use in concrete, block, brick or stone.
- Recommended for floor and wall attachments.
- Not recommended for overhead applications.
- Internally threaded anchor for easy removability and service work.
- Made of Zamac Alloy material.



| Single Expansion - Data         | 1/4"    | 3/8"    | 1/2"    | 5/8"    |
|---------------------------------|---------|---------|---------|---------|
| ANSI Drill Bit Size (in.)       | 1/2     | 3/4     | 7/8     | 1       |
| Max. Tightening Torque (ft-lbs) | 5       | 10      | 20      | 30      |
| Thread Size (UNC)               | 1/4"-20 | 3/8"-16 | 1/2"-13 | 5/8"-11 |
| Thread Length In Cone (in.)     | 5/16    | 5/16    | 7/16    | 5/8     |
| Min. Embedment Depth (in.)      | 1 3/8   | 1 5/8   | 2 1/2   | 2 3/4   |
| Load Capacity Tension (lbs) *   | 100     | 510     | 610     | 925     |
| Load Capacity Shear (lbs) *     | 140     | 805     | 1000    | 1710    |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

| UPC/Part Number                | Catalog Number | Rod Size | Anchor Length | Box Qty. |
|--------------------------------|----------------|----------|---------------|----------|
| <b>Single Expansion Anchor</b> |                |          |               |          |
| 78101103245                    | <b>ASE-25</b>  | 1/4"     | 1 5/16"       | 50       |
| 78101103247                    | <b>ASE-37</b>  | 3/8"     | 1 1/2"        | 50       |
| 78101103248                    | <b>ASE-50</b>  | 1/2"     | 2 1/16"       | 25       |
| 78101103249                    | <b>ASE-62</b>  | 5/8"     | 2 5/8"        | 25       |

‡ Not ICC-ES listed

Read safety/installation instruction sheets in packages before use.

## Wood-Knocker II<sup>†</sup> Anchors

- Wood-Knocker II concrete inserts are installed onto wooden forms used to support newly poured concrete floor slabs, roof slabs or walls.
- When the forms are stripped, the color-coded flange is visibly embedded in the concrete surface.
- The unique, six sided impact plate offers resistance to rotation within the concrete as threaded rod is being installed.
- Suitable for overhead installations such as suspending cable tray, pipe hangers, strut and conduit.
- Color coded by size for all trades.
- UL and FM approved.
- Lowest in-place cost.



| Wood-Knocker-II - Data        | 1/4"    | 3/8"    | 1/2"    | 5/8"    | 3/4"    |
|-------------------------------|---------|---------|---------|---------|---------|
| Insert Thread Length (in.)    | 3/8     | 5/8     | 1 1/16  | 1 5/16  | 1 1/8   |
| Plastic Flange Diameter (in.) | 1 3/8   | 1 3/8   | 1 3/8   | 1 5/8   | 1 5/8   |
| Thread Size (UNC)             | 1/4"-20 | 3/8"-16 | 1/2"-13 | 5/8"-11 | 3/4"-10 |
| Overall Length (in.)          | 1 7/8   | 1 7/8   | 1 7/8   | 1 7/8   | 1 7/8   |
| Min. Insert Spacing (in.)     | 9       | 9       | 9       | 12      | 12      |
| Min. End Distance (in.)       | 6       | 6       | 6       | 9       | 9       |
| Load Capacity Tension (lbs) * | 1240    | 1605    | 1605    | 1550    | 1550    |
| Load Capacity Shear (lbs) *   | 495     | 1775    | 2465    | 3785    | 3785    |

\* Based on normal weight concrete with minimum compression strength of 3000 psi. Allowable load capacities are calculated using applied safety factor of 3.0. For additional loading information contact factory. Minimum embedment depth is 1 7/8". The allowable load must be the lesser of the insert capacity and the steel strength of the rod.

| UPC/Part Number | Catalog Number     | Rod Diameter | Color  | Box Qty. |
|-----------------|--------------------|--------------|--------|----------|
| 79903875912     | <b>ACPW-25-2</b>   | 1/4"         | Brown  | 100      |
| 79903875913     | <b>ACPW-37-2</b>   | 3/8"         | Green  | 100      |
| 79903875938     | <b>ACPW-3750-2</b> | 3/8"-1/2"    | Gray   | 100      |
| 79903875914     | <b>ACPW-50-2</b>   | 1/2"         | Yellow | 100      |
| 79903875915     | <b>ACPW-62-2</b>   | 5/8"         | Red    | 50       |
| 79903875916     | <b>ACPW-75-2</b>   | 3/4"         | Purple | 50       |

ICC-ES listed. See ICC-ES ESR-3657. Qualified for static, wind, and seismic loading in concrete.

† All other trademarks are property of their respective owners.

Read safety/installation instruction sheets in packages before use.

## Bang-It<sup>+</sup> Anchors

- Bang-It<sup>™</sup>+ concrete inserts are designed for installation in and through metal composite deck used to support newly poured concrete floors or roof slabs.
- After installation, the protective sleeve of the insert protrudes below the surface of the deck, allowing overhead attachment of threaded rod.
- The unique, six sided impact plate offers resistance to rotation within the concrete as threaded rod is being installed.
- Suitable for overhead installations such as suspending cable tray, pipe hangers, strut and conduit.
- Color coded by size for all trades.
- UL and FM approved.
- Lowest in-place cost.



| <b>Bang-It<sup>™</sup>+ - Data</b> | <b>1/4"</b> | <b>3/8"</b> | <b>1/2"</b> | <b>5/8"</b> | <b>3/4"</b> |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Metal Hole Saw Diameter (in.)      | 13/16       | 13/16       | 13/16       | 13/16       | 13/16       |
| Drilling Speed (rpm)               | 700-900     | 700-900     | 700-900     | 500-700     | 500-700     |
| Insert Thread Length (in.)         | 3/8         | 5/8         | 1 1/16      | 1 5/16      | 1 1/8       |
| Length of Sleeve (in.)             | 3 3/8       | 3 3/8       | 3 3/8       | 3 3/8       | 3 3/8       |
| Thread Size (UNC)                  | 1/4"-20     | 3/8"-16     | 1/2"-13     | 5/8"-11     | 3/4"-10     |
| Embedment Depth (in.)              | 2           | 2           | 2           | 2           | 2           |
| Upper Deck Tension Load (lbs) *    | 1115        | 1915        | 2370        | 2935        | 2935        |
| Lower Deck Tension Load (lbs) *    | 830         | 830         | 830         | 990         | 990         |
| Upper Deck Shear Load (lbs) *      | 835         | 1115        | 1115        | 1115        | 1115        |
| Lower Deck Shear Load (lbs) *      | 625         | 840         | 840         | 840         | 840         |

\* Based on sand lightweight and normal weight concrete with minimum compression strength of 3000 psi over steel deck. Allowable load capacities are calculated using applied safety factor of 3.0. For additional loading information contact factory. Minimum insert spacing of 6", minimum end spacing 6".

| <b>UPC/Part Number</b>               | <b>Catalog Number</b> | <b>Rod Diameter</b> | <b>Color</b> | <b>Box Qty.</b> |
|--------------------------------------|-----------------------|---------------------|--------------|-----------------|
| <b>Bang-It<sup>™</sup> + Inserts</b> |                       |                     |              |                 |
| 78205131154                          | <b>ACPD-25</b>        | 1/4"                | Brown        | 100             |
| 78205131156                          | <b>ACPD-37</b>        | 3/8"                | Green        | 100             |
| 79903875937                          | <b>ACPD-3750-2</b>    | 3/8"-1/2"           | Gray         | 100             |
| 78205131157                          | <b>ACPD-50</b>        | 1/2"                | Yellow       | 100             |
| 78205131158                          | <b>ACPD-62</b>        | 5/8"                | Red          | 50              |
| 78205131166                          | <b>ACPD-75</b>        | 3/4"                | Purple       | 50              |

### Bang-It<sup>™</sup> + Hole Saws

|             |                      |   |   |
|-------------|----------------------|---|---|
| 79903875911 | <b>ACPD-HS813-2</b>  | 1 3/16" Carbide Hole Saw for 1/4", 3/8", 1/2", 7/8" | 1 |
| 79903875910 | <b>ACPD-HS1188-2</b> | 1 3/16" Carbide Hole Saw for 5/8", 3/4", 1 1/16"    | 1 |

ICC-ES certified. See ICC-ES ESR-3657. Qualified for static, wind, and seismic loading in concrete.

† All other trademarks are property of their respective owners.

Read safety/installation instruction sheets in packages before use.

## Machine Screw Anchors

- For use in concrete, block, brick or stone.
- Not recommended for use in overhead applications.
- Readily accepts machine bolts.
- Internally threaded anchor for easy removability and service work.
- Anchor installation requires shallow embedment.
- Made of Zamac Alloy material.



| Machine Screw Anchor - Data     | ¼"    | ⅜"    | ½"    |
|---------------------------------|-------|-------|-------|
| ANSI Drill Bit Size (in.)       | ½     | ¾     | ⅞     |
| Max. Tightening Torque (ft-lbs) | 5     | 10    | 15    |
| Thread Size (UNC)               | ¼"-20 | ⅜"-16 | ½"-13 |
| Min. Embedment Depth (in.)      | ⅞     | 1¼    | 1½    |
| Load Capacity Tension (lbs) *   | 375   | 620   | 875   |
| Load Capacity Shear (lbs) *     | 355   | 825   | 1135  |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

| UPC/Part Number             | Catalog Number | Rod Diameter | Box Qty. |
|-----------------------------|----------------|--------------|----------|
| <b>Machine Screw Anchor</b> |                |              |          |
| 78101103239                 | <b>AMS-25</b>  | ¼"           | 100      |
| 78101103242                 | <b>AMS-37</b>  | ⅜"           | 50       |
| 78101103243                 | <b>AMS-50</b>  | ½"           | 50       |
| <b>Setting Tool</b>         |                |              |          |
| 78205109765                 | <b>9221</b>    | ¼"           | 1        |
| 78205109767                 | <b>9231</b>    | ⅜"           | 1        |
| 78205109768                 | <b>9241</b>    | ½"           | 1        |

‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.

## Self-Tapping Screw Anchors

- For use in normal-weight concrete, structural sand lightweight concrete and concrete over metal deck.
- Anchor design allows for shallow embedment and mechanically interlocks with base material.
- Internally threaded anchor for easy adjustment and removability of threaded rod or bolt.
- Fast anchor installation with a powered impact wrench.
- Suitable for overhead applications such as suspending cable tray, strut, pipe hangers and conduit.
- FM Approved.
- ICC-ES certified. See ICC-ES ESR-2272.
- Made of Zinc Plated carbon steel.
- Setting tool included.



| Self-Tapping Machine Screw - Data | 3/8"  |
|-----------------------------------|-------|
| ANSI Drill Bit Size (in.)         | 1/2   |
| Min. Concrete Thickness (in.)     | 4     |
| Max. Tightening Torque (ft-lbs)   | 8     |
| Min. Embedment Depth (in.)        | 1 5/8 |
| Load Capacity Tension (lbs) *     | 590   |
| Load Capacity Shear (lbs) *       | 260   |

\* Based on concrete compression strength of 3000 psi in uncracked concrete using applied safety factor of 4.0. For additional loading information contact factory. The shear capacity is controlled by steel strength and is ASTM A36 (or equivalent). For ultimate strength design data in cracked and uncracked concrete, see ICC-ES ESR-2272.

| UPC/Part Number | Catalog Number | Size | Thread Depth | Box Qty. |
|-----------------|----------------|------|--------------|----------|
|-----------------|----------------|------|--------------|----------|

### Self-Tapping Screw Anchor

|             |               |      |         |    |
|-------------|---------------|------|---------|----|
| 78205153362 | <b>ATM-37</b> | 3/8" | 1 1/16" | 50 |
|-------------|---------------|------|---------|----|

### Tool

|             |                |      |   |   |
|-------------|----------------|------|---|---|
| 78205153363 | <b>6407 SD</b> | 3/8" | — | 1 |
|-------------|----------------|------|---|---|

ICC-ES certified. See ICC-ES ESR-2272.

Read safety/installation instruction sheets in packages before use.

## Drive Nail Anchors

- For use in concrete, block or brick.
- Anchor is recommended for light duty, tamper-proof applications.
- Not recommended for overhead applications.
- Made of Zamac Alloy material.



| Drive Nail - Data             | 3/16" | 1/4"  |
|-------------------------------|-------|-------|
| ANSI Drill Bit Size (in.)     | 3/16  | 1/4   |
| Fixture Clearance Hole (in.)  | 1/4   | 5/16  |
| Head Height (in.)             | 7/64  | 9/64  |
| Head Size, O.D. (in.)         | 13/32 | 35/64 |
| Min. Embedment Depth (in.)    | 3/4   | 5/8   |
| Load Capacity Tension (lbs) * | 100   | 145   |
| Load Capacity Shear (lbs) *   | 140   | 205   |

\* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

| UPC/Part Number          | Catalog Number    | Size          | Box Qty. |
|--------------------------|-------------------|---------------|----------|
| <b>Drive Nail Anchor</b> |                   |               |          |
| 78101102964              | <b>ADN-18-87</b>  | 3/16" x 7/8"  | 100      |
| 78101102965              | <b>ADN-25-75</b>  | 1/4" x 3/4"   | 100      |
| 78101102966              | <b>ADN-25-100</b> | 1/4" x 1"     | 100      |
| 78101102967              | <b>ADN-25-125</b> | 1/4" x 1 1/4" | 100      |
| 78101102968              | <b>ADN-25-150</b> | 1/4" x 1 1/2" | 100      |
| 78101102969              | <b>ADN-25-200</b> | 1/4" x 2"     | 100      |
| 78205153306              | <b>ADN-25-300</b> | 1/4" x 3"     | 100      |

‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.



## Toggle Bolts

- The toggle bolt is a spring wing type hollow wall anchor designed for use in block, wallboard and other hollow base materials.
- Anchor is a two-part assembly consisting of a machine screw and a spring wing toggle.
- Adjustable to accommodate various wall thicknesses up to 2½".
- Combo round head bolt is provided.
- Made of zinc plated carbon steel.



| Toggle Bolt - Data        | ¾"      |        | ¼"      |        | ⅜"      |        |
|---------------------------|---------|--------|---------|--------|---------|--------|
|                           | Tension | Shear  | Tension | Shear  | Tension | Shear  |
|                           | (lbs.)  | (lbs.) | (lbs.)  | (lbs.) | (lbs.)  | (lbs.) |
| ⅜" Wallboard              | 35      | 35     | 55      | 55     | 60      | 65     |
| ½" Wallboard              | 45      | 50     | 60      | 60     | 65      | 75     |
| ⅝" Wallboard              | 60      | 60     | 65      | 65     | 75      | 80     |
| ¾" Wallboard              | 75      | 70     | 80      | 75     | 85      | 90     |
| Hollow Concrete Masonry * | 70      | 70     | 70      | 120    | 195     | 140    |

Allowable load capacities are calculated using applied safety factor of 4.0. For additional loading information contact factory.

\* Based on hollow wall concrete masonry with minimum compression strength of 1500 psi.

| UPC/Part Number    | Catalog Number    | Drill Diameter | Size    | Box Qty. |
|--------------------|-------------------|----------------|---------|----------|
| <b>Toggle Bolt</b> |                   |                |         |          |
| 78205153354        | <b>ATB-18-300</b> | ½"             | ¾" x 3" | 50       |
| 78205153355        | <b>ATB-18-400</b> | ½"             | ¾" x 4" | 50       |
| 78205153356        | <b>ATB-25-300</b> | ⅝"             | ¼" x 3" | 50       |
| 78205153357        | <b>ATB-25-400</b> | ⅝"             | ¼" x 4" | 50       |
| 78205153358        | <b>ATB-37-300</b> | ⅞"             | ¾" x 3" | 25       |
| 78205153359        | <b>ATB-37-400</b> | ⅞"             | ¾" x 4" | 25       |

‡ Not ICC-ES certified.

Not for use in seismic applications.

Read safety/installation instruction sheets in packages before use.

## Wall Screws

- One-piece, all steel anchor with high-profile threads for easy fastening into wallboard and other masonry base materials.
- Deep cutting, corkscrew-like threads provide for smooth entry and a strong hold.
- No pre-drilling is required when fastening into wallboard or wood.
- Fastening into concrete, hollow or grout filled block, brick and plaster requires a pre-drilled  $\frac{3}{16}$ " ANSI hole.
- Installed with a No. 8 drill bit or No. 2 Phillips driver.
- Made of case hardened carbon steel with chrome finish.



AWS-CH



AWS-OH



AWS-PH

| Wall Screw - Data             | Minimum Embedment Depth | Load Cap. Tension (lbs.) * | Load Cap. Shear (lbs.) * |
|-------------------------------|-------------------------|----------------------------|--------------------------|
| Concrete *                    | $\frac{3}{4}$ "         | 90                         | 260                      |
| $\frac{1}{2}$ " Wallboard     | NA                      | 20                         | 60                       |
| $\frac{5}{8}$ " Wallboard     | NA                      | 35                         | 90                       |
| $\frac{3}{4}$ " Plywood       | NA                      | 65                         | 150                      |
| Grout-Filled Concrete Masonry | 1"                      | 55                         | 165                      |
| Hollow Concrete Masonry       | 1"                      | 60                         | 165                      |
| Brick Masonry                 | $\frac{3}{4}$ "         | 70                         | 120                      |

\* Based on concrete compression strength of 4000 psi. Allowable load capacities are calculated using an applied safety factor of 4.0. For additional loading contact factory.

| UPC/Part Number   | Catalog Number | Size                                | Head Type | Box Qty. |
|-------------------|----------------|-------------------------------------|-----------|----------|
| <b>Wall Screw</b> |                |                                     |           |          |
| 78205153372       | <b>AWS-CH</b>  | $\frac{3}{16}$ " x $1\frac{1}{4}$ " | Combo     | 100      |
| 78205153373       | <b>AWS-OH</b>  | $\frac{3}{16}$ " x $1\frac{1}{4}$ " | Oval      | 100      |
| 78205153374       | <b>AWS-PH</b>  | $\frac{3}{16}$ " x $1\frac{1}{4}$ " | Pan       | 100      |

‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.

## Plastic Screw Anchors

- One-piece anchor designed for light duty applications in wallboard, concrete and masonry.
- Works in hollow or solid base materials.
- Suitable for screws with various thread sizes and styles - screws may be installed with a screw gun.



| Plastic Screw Anchor - Data       | APS-4  | APS-6  | APS-8   |
|-----------------------------------|--------|--------|---------|
| Drill Diameter (in.)              | 3/16   | 1/4    | 5/16    |
| Screw Size Range                  | #4-#10 | #6-#12 | #8-#14  |
| Min. Thread Length (in.)          | 1 3/16 | 1 3/8  | 1 13/16 |
| Min. Hole Diameter (in.)          | 1 3/8  | 1 9/16 | 2       |
| Min. Wall Thickness (in.)         | 1/4    | 3/8    | 1/2     |
| Min. Embedded Thread Length (in.) | 1 7/8  | 2      | 2 9/16  |
| Load Capacity Tension (lbs) *     | 18     | 20     | 22      |
| Load Capacity Shear (lbs) *       | 32     | 40     | 45      |

\* Allowable load capacities are calculated using an applied safety factor of 4.0. For additional loading information contact factory.

| UPC/Part Number              | Catalog Number | Screw Size | Box Qty. |
|------------------------------|----------------|------------|----------|
| <b>Plastic Screw Anchors</b> |                |            |          |
| 78205153315                  | <b>APS-4</b>   | #4 - #10   | 100      |
| 78205153316                  | <b>APS-6</b>   | #6 - #12   | 100      |
| 78205153319                  | <b>APS-8</b>   | #8 - #14   | 100      |

‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.

## Plastic Hollow Wall Anchors

- Heavy duty hollow wall anchor designed for use in plaster, wallboard, concrete block, or hollow tile.
- Pre-assembled anchor consisting of a carbon steel wing and a locking cap/ratchet leg assembly molded from engineered plastic.
- When compared to traditional toggles, this anchor can be installed in a smaller hole and does not require a fixture or screw to set it.
- Adjustable to accommodate various wall thickness up to 2½".



| Plastic Hollow Wall - Data      | 3/16"    | 1/4"    | 3/8"    | 1/2"    |
|---------------------------------|----------|---------|---------|---------|
| Thread Size (UNC)               | 3/16"-24 | 1/4"-20 | 3/8"-16 | 1/2"-13 |
| Max. Tightening Torque (ft-lbs) | 5        | 5       | 5       | 5       |
| Minimum Clearance (in.)         | 1 7/8"   | 1 7/8"  | 1 7/8"  | 1 7/8"  |

| Plastic Hollow Wall - Data | 3/16"          |              | 1/4"           |              | 3/8"           |              | 1/2"           |              |
|----------------------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|
|                            | Tension (lbs.) | Shear (lbs.) | Tension (lbs.) | Shear (lbs.) | Tension (lbs.) | Shear (lbs.) | Tension (lbs.) | Shear (lbs.) |
| 3/8" Wallboard             | 30             | 60           | 35             | 70           | 35             | 70           | 35             | 75           |
| 1/2" Wallboard             | 35             | 70           | 35             | 75           | 40             | 75           | 40             | 90           |
| 5/8" Wallboard             | 50             | 95           | 55             | 105          | 55             | 105          | 55             | 110          |
| 3/4" Wallboard             | 50             | 110          | 55             | 120          | 60             | 120          | 60             | 120          |
| Hollow Concrete Masonry *  | 215            | 150          | 270            | 285          | 285            | 465          | 345            | 595          |

Allowable load capacities are calculated using an applied safety factor of 4.0. For additional loading information contact factory.

\* Based on hollow wall concrete masonry with minimum compression strength of 1500 psi.

| UPC/Part Number                   | Catalog Number | Anchor Size | Drill Dia. | Wall Thickness | Box Qty. |
|-----------------------------------|----------------|-------------|------------|----------------|----------|
| <b>Plastic Hollow Wall Anchor</b> |                |             |            |                |          |
| 78205153311                       | <b>APH-18</b>  | 3/16" x 4"  | 1/2"       | 3/8" - 2 1/2"  | 50       |
| 78205153312                       | <b>APH-25</b>  | 1/4" x 4"   | 1/2"       | 3/8" - 2 1/2"  | 50       |
| 78205153313                       | <b>APH-37</b>  | 3/8" x 4"   | 3/4"       | 3/8" - 2 1/2"  | 25       |
| 78205153314                       | <b>APH-50</b>  | 1/2" x 4"   | 3/4"       | 3/8" - 2 1/2"  | 25       |

‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.

## Self-Drilling Wallboard Anchors

- One-piece self drilling anchor designed for use in hollow wallboard for light to medium duty loads.
- Ideal for mounting electrical fixtures, phone systems, and miscellaneous hardware.
- APD/AZD designed for use in 3/8" to 1" wallboard.
- APDM/AZDM designed for use in 3/8" to 5/8" wallboard.
- Kit includes 50 anchors, 50 screws and #2 Phillips Drive Bit.
- Available in engineered Nylon and Zamac Alloy.



APDM-6K

| Self-Drilling Wallboard Anchor - Data | APD/AZD                         | APDM/AZDM                      |
|---------------------------------------|---------------------------------|--------------------------------|
| Anchor Length (in.)                   | 1 <sup>11</sup> / <sub>16</sub> | 1 <sup>5</sup> / <sub>16</sub> |
| Min. Screw Engagement (in.)           | 3/4                             | 3/4                            |

| Self-Drilling Wallboard Anchor - Data | APD/AZD        |              | APDM/AZDM      |              |
|---------------------------------------|----------------|--------------|----------------|--------------|
|                                       | Tension (lbs.) | Shear (lbs.) | Tension (lbs.) | Shear (lbs.) |
| 3/8" Wallboard                        | 15             | 15           | 10             | 15           |
| 1/2" Wallboard                        | 15             | 20           | 15             | 15           |
| 5/8" Wallboard                        | 20             | 25           | 20             | 20           |
| 3/4" Wallboard                        | 20             | 25           | 20             | 20           |

Allowable load capacities are calculated using an applied safety factor of 4.0. For additional loading information contact factory.

| UPC/Part Number                       | Catalog Number | Screw Size | Kit Qty. |
|---------------------------------------|----------------|------------|----------|
| <b>Self-Drilling Wallboard Anchor</b> |                |            |          |
| 78101103314                           | <b>APD-8K</b>  | #8 x 1"    | 100/kit  |
| 78101103318                           | <b>AZD-8K</b>  | #8 x 1"    | 100/kit  |
| 78205153310                           | <b>APDM-6K</b> | #6 x 1"    | 100/kit  |
| 78205153375                           | <b>AZDM-6K</b> | #6 x 1"    | 100/kit  |

‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.

## Plastic Conical Anchors

- Designed for use with lightweight fixtures.
- Recommended for use in concrete, block and brick.
- Recommended for light duty static applications where holding power is not critical.
- Not recommended for overhead use.
- Kit includes 100 anchors, 100 screws and one drill bit.
- Made of engineered plastic.



### Plastic Conical Anchor - Data

|                            | #8             |              | #10 - #12      |              |
|----------------------------|----------------|--------------|----------------|--------------|
|                            | Tension (lbs.) | Shear (lbs.) | Tension (lbs.) | Shear (lbs.) |
| Nominal Weight Concrete *  | 85             | 70           | 140            | 90           |
| Hollow Concrete Masonry ** | 60             | 45           | 70             | 55           |
| Clay Brick Masonry ***     | 30             | 50           | 55             | 65           |
| Minimum Embedment Depth    | 7/8"           | 7/8"         | 1"             | 1"           |

\* Based on concrete compression strength of 4000 psi.

\*\* Based on hollow concrete masonry with minimum compression strength of 1500 psi.

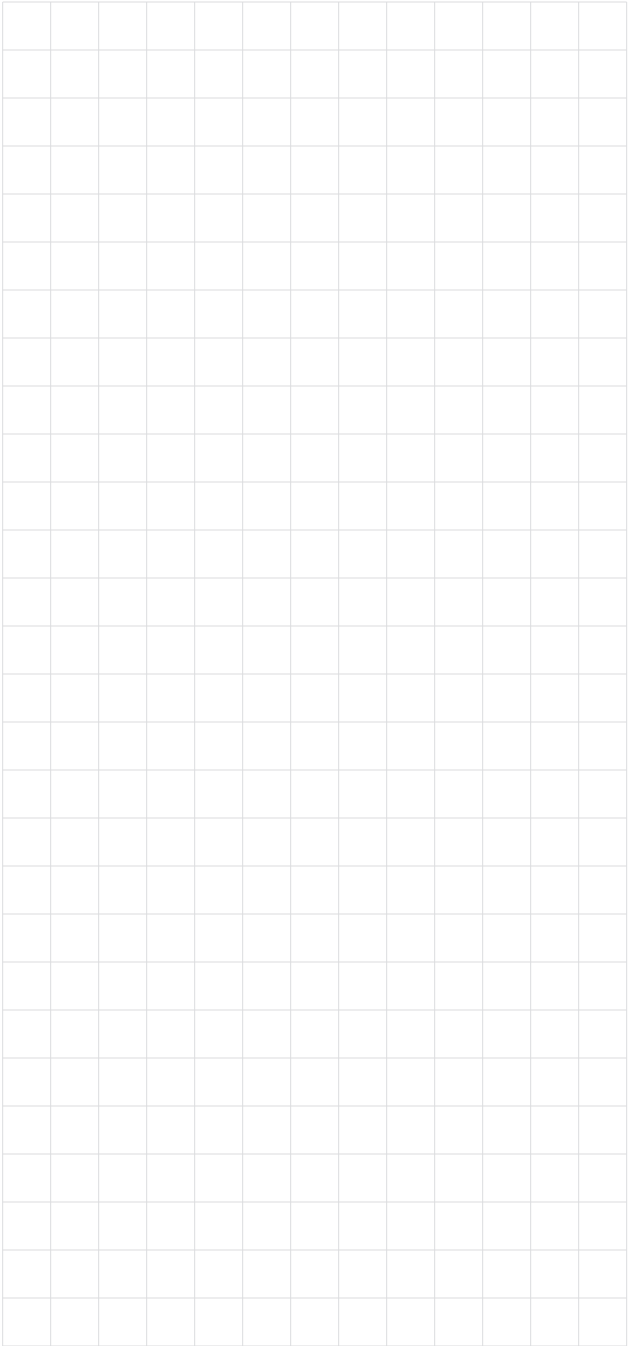
\*\*\* Based on clay brick masonry with minimum compression strength of 1500 psi.

Loads contain an applied safety factor of 4.0. For additional loading information contact factory.

| UPC/Part Number               | Catalog Number | Screw Size | Box Qty. |
|-------------------------------|----------------|------------|----------|
| <b>Plastic Conical Anchor</b> |                |            |          |
| 78205153307                   | <b>APC-8K</b>  | #8 x 1"    | 100      |
| 78205153308                   | <b>APC-10K</b> | #10 x 1"   | 100      |
| 78205153309                   | <b>APC-12K</b> | #12 x 1"   | 100      |

‡ Not ICC-ES certified

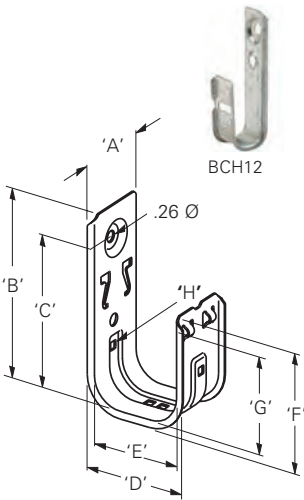
Read safety/installation instruction sheets in packages before use.



## Cable Hook Technical Data

### Single-Sided Single-Tier Cable Fasteners

| Hook Size<br>In. | 'A'<br>In. | 'B'<br>In. | 'C'<br>In. | 'D'<br>In. | 'E'<br>In. | 'F'<br>In. | 'G'<br>In. | 'H'<br>In. |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 3/4              | .88        | 3.18       | 2.68       | 1.00       | .75        | 1.69       | .94        | –          |
| 1 5/16           | 1.62       | 3.62       | 2.81       | 1.69       | 1.31       | 2.00       | 1.37       | .20        |
| 2                | 1.62       | 4.31       | 3.50       | 2.38       | 2.00       | 2.69       | 2.06       | .20        |
| 4                | 2.00       | 6.81       | 5.56       | 4.55       | 4.00       | 4.84       | 4.06       | .31        |

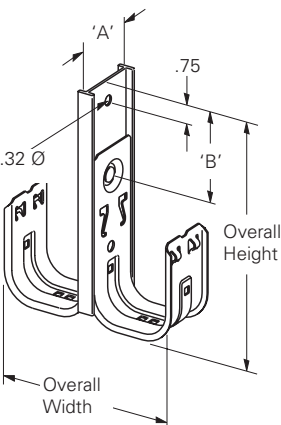


### Load Capacity

| Cable Hook Size<br>In. | Static Load Capacity (S.F. 3)<br>Galvanized & Stainless Steel<br>Lbs. |
|------------------------|---|
| 3/4                    | 30  |
| 1 5/16                 | 30  |
| 2                      | 30  |
| 4                      | 30  |

Stated loads are per hook and should not be exceeded. The load capacity of a fastener having more than one component is equal to the load capacity of the lowest rated component.

### Double-Sided Single-Tier Cable Fasteners



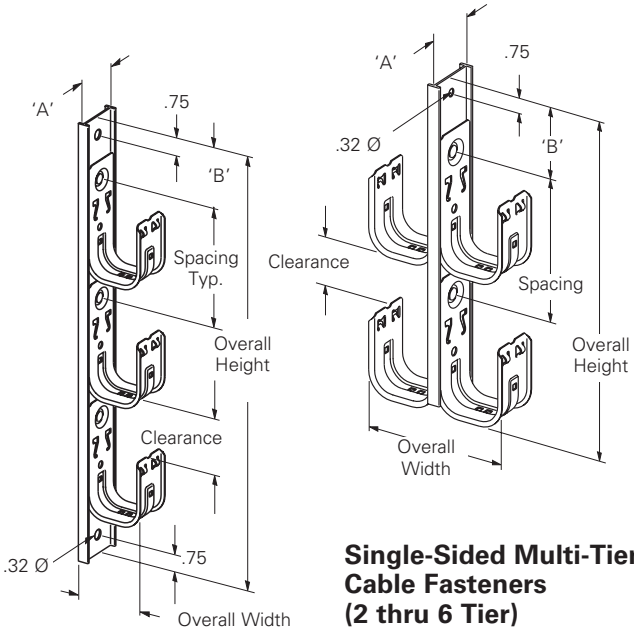
| Hook Size<br>In. | 'A'<br>In. | 'B'<br>In. | Overall Height<br>In. | Overall Width<br>In. |
|------------------|------------|------------|-----------------------|----------------------|
| 1 5/16           | 1.90       | 2.50       | 5.50                  | 3.47                 |
| 2                | 1.90       | 2.50       | 6.19                  | 4.85                 |
| 4                | 2.38       | 2.94       | 9.00                  | 9.19                 |



## Cable Hook Technical Data

## Double-Sided Double-Tier Cable Fasteners

| Hook Size<br>In.               | 'A'<br>In. | 'B'<br>In. | Spacing<br>In. | Clearance<br>In. | Overall Height<br>In. | Overall Width<br>In. |
|--------------------------------|------------|------------|----------------|------------------|-----------------------|----------------------|
| 1 <sup>5</sup> / <sub>16</sub> | 1.90       | 2.50       | 3.75           | 1.94             | 9.25                  | 3.47                 |
| 2                              | 1.90       | 2.50       | 4.75           | 2.25             | 10.94                 | 4.85                 |
| 4                              | 2.38       | 2.94       | 9.38           | 4.50             | 18.20                 | 9.19                 |



## Single-Sided Multi-Tier Cable Fasteners (2 thru 6 Tier)

| Hook Size                      | No. Tiers | 'A'<br>In. | 'B'<br>In. | Spacing<br>In. | Clearance<br>In. | Overall Height<br>In. | Overall Width<br>In. |
|--------------------------------|-----------|------------|------------|----------------|------------------|-----------------------|----------------------|
| 1 <sup>5</sup> / <sub>16</sub> | 2         | 1.90       | 2.50       | 3.75           | 1.94             | 11.00                 | 1.96                 |
|                                | 3         | 1.90       | 2.50       | 3.75           | 1.94             | 14.75                 | 1.96                 |
|                                | 4         | 1.90       | 2.50       | 3.75           | 1.94             | 18.50                 | 1.96                 |
|                                | 5         | 1.90       | 2.50       | 3.75           | 1.94             | 22.25                 | 1.96                 |
|                                | 6         | 1.90       | 2.50       | 3.75           | 1.94             | 26.00                 | 1.96                 |
| 2                              | 2         | 1.90       | 2.50       | 4.75           | 2.25             | 12.75                 | 2.66                 |
|                                | 3         | 1.90       | 2.50       | 4.75           | 2.25             | 17.50                 | 2.66                 |
|                                | 4         | 1.90       | 2.50       | 4.75           | 2.25             | 22.25                 | 2.66                 |
|                                | 5         | 1.90       | 2.50       | 4.75           | 2.25             | 27.00                 | 2.66                 |
|                                | 6         | 1.90       | 2.50       | 4.75           | 2.25             | 31.75                 | 2.66                 |
| 4                              | 2         | 2.38       | 2.94       | 8.75           | 3.19             | 19.33                 | 4.82                 |
|                                | 3         | 2.38       | 2.94       | 8.75           | 3.19             | 28.08                 | 4.82                 |

# Reference Data

## Rigid Steel Conduit (Heavy Wall Conduit)

| Nominal Conduit Size | Outside Diameter | Nominal Inside Diameter | Minimum Weight Per 100 Ft. With Couplings Attached | Weight of Conduit and Conductors Per 100 Ft.* |
|----------------------|------------------|-------------------------|--|---|
| In.                  | In.              | In.                     | Lbs.   | Lbs.  |
| 3/8                  | 0.675            | 0.493                   | 51.5   | 65.1  |
| 1/2                  | 0.840            | 0.632                   | 79.0   | 101.1   |
| 3/4                  | 1.050            | 0.836                   | 105.0  | 145.8   |
| 1                    | 1.315            | 1.063                   | 153.0  | 219.3   |
| 1 1/4                | 1.660            | 1.394                   | 201.0  | 318.3   |
| 1 1/2                | 1.900            | 1.624                   | 249.0  | 408.8   |
| 2                    | 2.375            | 2.083                   | 332.0  | 593.8   |
| 2 1/2                | 2.875            | 2.489                   | 527.0  | 901.0   |
| 3                    | 3.500            | 3.090                   | 682.0  | 1259.0  |
| 3 1/2                | 4.000            | 3.570                   | 831.0  | 1604.0  |
| 4                    | 4.500            | 4.050                   | 972.0  | 1967.0  |

## Intermediate Metal Conduit (IMC)

| Nominal Conduit Size | Outside Diameter | Nominal Inside Diameter | Minimum Weight Per 100 Ft. With Couplings Attached | Weight of Conduit and Conductors Per 100 Ft.* |
|----------------------|------------------|-------------------------|--|---|
| In.                  | In.              | In.                     | Lbs.   | Lbs.  |
| 1/2                  | 0.815            | 0.745                   | 60.0   | 82.1  |
| 3/4                  | 1.029            | 0.954                   | 82.0   | 122.8   |
| 1                    | 1.290            | 1.205                   | 116.0  | 182.3   |
| 1 1/4                | 1.638            | 1.553                   | 150.0  | 267.3   |
| 1 1/2                | 1.883            | 1.793                   | 182.0  | 341.8   |
| 2                    | 2.360            | 2.266                   | 242.0  | 503.8   |
| 2 1/2                | 2.857            | 2.727                   | 401.0  | 775.0   |
| 3                    | 3.476            | 3.346                   | 493.0  | 1069.0  |
| 3 1/2                | 3.971            | 3.841                   | 573.0  | 1346.0  |
| 4                    | 4.466            | 4.336                   | 638.0  | 1632.0  |

Dimensions taken from ANSI C80.3 - 1977.

\* Conduit plus weight of heaviest conductor combination as specified by the National Electrical Code.

## Electrical Metallic Tubing (EMT) - Thinwall Conduit

| Nominal Conduit Size | Outside Diameter | Nominal Inside Diameter | Minimum Weight Per 100 Ft. With Couplings Attached | Weight of Conduit and Conductors Per 100 Ft.* |
|----------------------|------------------|-------------------------|--|---|
| In.                  | In.              | In.                     | Lbs.   | Lbs.  |
| $\frac{3}{8}$        | 0.577            | 0.493                   | 23.0   | 36.6  |
| $\frac{1}{2}$        | 0.706            | 0.622                   | 28.5   | 50.6  |
| $\frac{3}{4}$        | 0.922            | 0.824                   | 43.5   | 84.3  |
| 1                    | 1.163            | 1.049                   | 64.0   | 130.3   |
| $1\frac{1}{4}$       | 1.510            | 1.380                   | 95.0   | 212.3   |
| $1\frac{1}{2}$       | 1.740            | 1.610                   | 110.0  | 269.8   |
| 2                    | 2.197            | 2.067                   | 140.0  | 401.8   |
| $2\frac{1}{2}$       | 2.875            | 2.731                   | 205.0  | 579.0   |
| 3                    | 3.500            | 3.356                   | 250.0  | 826.3   |
| $3\frac{1}{2}$       | 4.000            | 3.834                   | 325.0  | 1098.0  |
| 4                    | 4.500            | 4.334                   | 370.0  | 1364.0  |

## Rigid Aluminum Conduit

| Nominal Conduit Size | Outside Diameter | Nominal Inside Diameter | Minimum Weight Per 100 Ft. With Couplings Attached | Weight of Conduit and Conductors Per 100 Ft.* |
|----------------------|------------------|-------------------------|--|---|
| In.                  | In.              | In.                     | Lbs.   | Lbs.  |
| $\frac{1}{2}$        | 0.840            | 0.632                   | 27.4   | 49.5  |
| $\frac{3}{4}$        | 1.050            | 0.836                   | 36.4   | 77.2  |
| 1                    | 1.315            | 1.063                   | 53.0   | 119.3   |
| $1\frac{1}{4}$       | 1.660            | 1.394                   | 69.6   | 186.9   |
| $1\frac{1}{2}$       | 1.900            | 1.624                   | 82.2   | 242.0   |
| 2                    | 2.375            | 2.083                   | 115.7  | 377.5   |
| $2\frac{1}{2}$       | 2.875            | 2.489                   | 182.5  | 556.5   |
| 3                    | 3.500            | 3.090                   | 238.9  | 815.2   |
| $3\frac{1}{2}$       | 4.000            | 3.570                   | 287.7  | 1061.0  |
| 4                    | 4.500            | 4.050                   | 340.0  | 1334.0  |
| 5                    | 5.563            | 5.073                   | 465.4  | 2028.0  |
| 6                    | 6.625            | 6.093                   | 612.5  | 2870.0  |

Dimensions taken from ANSI C80.3 - 1977.

\* Conduit plus weight of heaviest conductor combination as specified by the National Electrical Code.

## Schedule 40 PVC Plastic Pipe

| Nominal Pipe Size<br>In. | Outside Diameter<br>In. | Wall Thickness<br>In. | Weight of Pipe<br>Lbs. Per Ft. | Weight of Water<br>Lbs. Per Ft. |
|--------------------------|-------------------------|-----------------------|--------------------------------|---------------------------------|
| 1/8                      | 0.405                   | 0.068                 | 0.04                           | 0.02                            |
| 1/4                      | 0.540                   | 0.088                 | 0.07                           | 0.04                            |
| 3/8                      | 0.675                   | 0.091                 | 0.10                           | 0.08                            |
| 1/2                      | 0.840                   | 0.109                 | 0.15                           | 0.10                            |
| 3/4                      | 1.050                   | 0.113                 | 0.20                           | 0.20                            |
| 1                        | 1.315                   | 0.133                 | 0.30                           | 0.40                            |
| 1 1/4                    | 1.660                   | 0.140                 | 0.40                           | 0.60                            |
| 1 1/2                    | 1.900                   | 0.145                 | 0.50                           | 0.90                            |
| 2                        | 2.375                   | 0.155                 | 0.60                           | 1.40                            |
| 2 1/2                    | 2.875                   | 0.203                 | 1.00                           | 2.10                            |
| 3                        | 3.500                   | 0.216                 | 1.30                           | 3.20                            |
| 3 1/2                    | 4.000                   | 0.226                 | 1.60                           | 4.30                            |
| 4                        | 4.500                   | 0.237                 | 1.90                           | 5.50                            |

## Electrical Non-Metallic Tubing (ENT)

| Nominal Size<br>In. | Outside Diameter<br>In. | Nominal Inside Diameter<br>In. | Minimum Weight of Conduit<br>Lbs. Per 100 Ft. | Weight of Conduit and Conductors<br>Lbs. Per 100 Ft. |
|---------------------|-------------------------|--------------------------------|---|--|
| 1/2                 | 0.840                   | 0.560                          | 11.0  | 33.1   |
| 3/4                 | 1.050                   | 0.760                          | 14.0  | 54.8   |
| 1                   | 1.315                   | 1.000                          | 20.0  | 86.3   |
| 1 1/4               | 1.660                   | 1.402                          | 19.0  | 136.3  |
| 1 1/2               | 1.990                   | 1.554                          | 27.0  | 186.8  |
| 2                   | 2.375                   | 2.030                          | 32.0  | 261.8  |

## All Threaded Rod (ATR)

| Thread Size | Root Area              | Design Load (SF=5) |
|-------------|------------------------|--------------------|
| 1/4"-20     | 0.027 in. <sup>2</sup> | 240 lbs.           |
| 5/16"-18    | 0.045 in. <sup>2</sup> | 400 lbs.           |
| 3/8"-16     | 0.068 in. <sup>2</sup> | 610 lbs.           |

Tabulated loads are based on an allowable tensile stress of 12000 psi reduced by 25% resulting in 9000 psi. From ANSI/MSS SP-58, Table 3.

Dimensions taken from ANSI B1.1 1982 Unified Inch Screw Threads. All threads are UNCR series.

## MC -- Metal Clad Cable Specifications

| Trade Size   | Grounding Conductor AWG | Armor O.D. In. | Approximate Wt. Per 100 Ft. Lbs. |
|--------------|-------------------------|----------------|----------------------------------|
| 14-2 Solid   | 14                      | 0.470          | 17.5                             |
| 14-3 Solid   | 14                      | 0.480          | 20.5                             |
| 14-4 Solid   | 14                      | 0.510          | 23.0                             |
| 12-2 Solid   | 12                      | 0.495          | 21.5                             |
| 12-3 Solid   | 12                      | 0.530          | 25.5                             |
| 12-4 Solid   | 12                      | 0.565          | 29.5                             |
| 10-2 Solid   | 10                      | 0.560          | 28.5                             |
| 10-3 Solid   | 10                      | 0.600          | 34.0                             |
| 10-4 Solid   | 10                      | 0.645          | 39.5                             |
| 8-2 Stranded | 10                      | 0.710          | 45.0                             |
| 8-3 Stranded | 10                      | 0.770          | 54.5                             |
| 8-4 Stranded | 10                      | 0.835          | 64.5                             |
| 6-2 Stranded | 8                       | 0.795          | 59.0                             |
| 6-3 Stranded | 8                       | 0.865          | 72.0                             |
| 6-4 Stranded | 8                       | 0.945          | 86.0                             |
| 4-2 Stranded | 8                       | 0.945          | 78.5                             |
| 4-3 Stranded | 8                       | 1.035          | 98.5                             |
| 4-4 Stranded | 8                       | 1.135          | 119.5                            |
| 3-3 Stranded | 6                       | 1.025          | 107.0                            |
| 3-4 Stranded | 6                       | 1.120          | 126.0                            |
| 2-2 Stranded | 6                       | 1.075          | 104.5                            |
| 2-3 Stranded | 6                       | 1.180          | 134.0                            |
| 2-4 Stranded | 6                       | 1.295          | 164.0                            |

## Category 5 Cable

| Pair Count | AWG Size | O.D. In. | Weight Lbs. Per 100 Ft. |
|------------|----------|----------|-------------------------|
| 2          | 24       | 0.16     | 1.3                     |
| 3          | 24       | 0.18     | 1.7                     |
| 4          | 24       | 0.20     | 2.1                     |
| 6          | 24       | 0.27     | 3.5                     |
| 8          | 24       | 0.30     | 4.2                     |
| 25         | 24       | 0.50     | 13.0                    |

# Reference Data

## Type NM -- Non-Metallic Sheathed Cable

| Size AWG                   | Number of Strands | Ground Wire Size | Approximate O.D. In. | Approximate Weight Lbs. Per 100 Ft. |
|----------------------------|-------------------|------------------|----------------------|-------------------------------------|
| <u>Without Ground Wire</u> |                   |                  |                      |                                     |
| 14-2                       | Solid             | –                | .17 x .37            | 5.3                                 |
| 12-2                       | Solid             | –                | .19 x .40            | 7.0                                 |
| 10-2                       | Solid             | –                | .22 x .45            | 10.1                                |
| 14-3                       | Solid             | –                | 0.295                | 8.2                                 |
| 12-3                       | Solid             | –                | 0.332                | 10.9                                |
| 10-3                       | Solid             | –                | 0.396                | 15.7                                |
| 8-3                        | 7                 | –                | 0.538                | 27.8                                |
| 6-3                        | 7                 | –                | 0.611                | 42.2                                |
| <u>With Ground Wire</u>    |                   |                  |                      |                                     |
| 14-2                       | Solid             | 14               | .17 x .37            | 6.4                                 |
| 12-2                       | Solid             | 12               | .19 x .41            | 9.0                                 |
| 10-2                       | Solid             | 10               | .22 x .49            | 13.3                                |
| 8-2                        | 7                 | 10               | .28 x .61            | 21.5                                |
| 6-2                        | 7                 | 10               | .32 x .73            | 31.3                                |
| 14-3                       | Solid             | 14               | .322                 | 9.3                                 |
| 12-3                       | Solid             | 12               | .363                 | 12.9                                |
| 10-3                       | Solid             | 10               | .436                 | 18.7                                |
| 14-4                       | Solid             | 14               | .450                 | 11.6                                |
| 12-4                       | Solid             | 12               | .490                 | 16.1                                |
| 10-4                       | Solid             | 10               | .550                 | 23.3                                |
| 8-3                        | 7                 | 10               | .552                 | 30.5                                |
| 6-3                        | 7                 | 10               | .611                 | 45.0                                |
| 4-3                        | 7                 | 8                | .821                 | 66.4                                |
| 2-3                        | 7                 | 8                | .946                 | 93.0                                |

## Type THHN -- Insulated Single Conductor Building Wire

| Trade Size | Approximate O.D. In. | Approximate Weight Lbs. Per 100 Ft. |
|------------|----------------------|-------------------------------------|
| 14 AWG     | 0.11                 | 1.7                                 |
| 12 AWG     | 0.13                 | 2.5                                 |
| 10 AWG     | 0.16                 | 4.0                                 |
| 8 AWG      | 0.22                 | 6.5                                 |
| 6 AWG      | 0.25                 | 9.7                                 |
| 4 AWG      | 0.32                 | 15.5                                |
| 3 AWG      | 0.35                 | 19.1                                |
| 2 AWG      | 0.38                 | 23.6                                |
| 1 AWG      | 0.45                 | 30.4                                |
| 1/0 AWG    | 0.49                 | 37.5                                |

**AC -- Armored Cable Specifications**

| <b>Trade Size</b> | <b>Armor O.D. In.</b> | <b>Approximate Weight Lbs. Per 100 Ft.</b> |
|-------------------|-----------------------|--|
| 14-2 Solid        | 0.433                 | 18.0                                       |
| 14-3 Solid        | 0.453                 | 20.0                                       |
| 14-4 Solid        | 0.486                 | 25.0                                       |
| 12-2 Solid        | 0.467                 | 21.0                                       |
| 12-3 Solid        | 0.489                 | 24.5                                       |
| 12-4 Solid        | 0.520                 | 29.0                                       |
| 10-2 Solid        | 0.476                 | 25.0                                       |
| 10-3 Solid        | 0.500                 | 29.5                                       |
| 10-4 Solid        | 0.541                 | 38.0                                       |
| 8-2 Solid         | 0.570                 | 34.5                                       |
| 8-3 Solid         | 0.601                 | 41.5                                       |
| 8-4 Solid         | 0.654                 | 48.0                                       |
| 8-2 Stranded      | 0.604                 | 34.5                                       |
| 8-3 Stranded      | 0.637                 | 42.0                                       |
| 8-4 Stranded      | 0.695                 | 51.5                                       |
| 6-2 Stranded      | 0.700                 | 44.5                                       |
| 6-3 Stranded      | 0.739                 | 56.0                                       |
| 6-4 Stranded      | 0.807                 | 68.5                                       |
| 4-2 Stranded      | 0.836                 | 62.0                                       |
| 4-3 Stranded      | 0.885                 | 80.0                                       |
| 4-4 Stranded      | 0.971                 | 99.5                                       |
| 3-3 Stranded      | 0.990                 | 94.0                                       |
| 3-4 Stranded      | 1.085                 | 118.0                                      |
| 2-2 Stranded      | 0.956                 | 81.5                                       |
| 2-3 Stranded      | 1.014                 | 109.5                                      |
| 2-4 Stranded      | 1.115                 | 138.0                                      |

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# Cross Reference Data

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| SCH8B            | B1508S                  |
| SCH12            | B1512                   |
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| SCH16B           | B1516S                  |
| SCH20B           | B1520S                  |
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| AMR1224SG        | B1AJ-2                  |
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| 512              | BA12                    |
| 515              | BA15                    |
| 4G16             | BA-4-16                 |
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| 512A             | BA50A                   |
| 512HDEEP         | BA50D                   |
| 512HDFM70        | BA50F                   |
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| MPLS             | BB10L                   |
| MP1S             | BB15                    |
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| TSGB24           | BB2-24T (NEW)           |
| TSGLDR1          | BB2CL                   |
| TSGLDR1          | BB2TSC                  |
| TSGLDR1          | BB2TSC                  |
| CS812            | BB38                    |
| CS812D           | BB38D                   |
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| H6               | BB4-6                   |
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| RBS16            | BB8-16                  |
| RBS24            | BB8-24                  |
| FMBS18           | BBF18 18" FLOOR BRACKET |
| BC               | BC1                     |
| CAT12HP          | BCH12                   |
| CAT12HP24        | BCH12-U-2-4             |
| CAT12HP4Z34      | BCH12-W2                |
| CAT21HP          | BCH21                   |
| CAT21HP4Z34      | BCH21-W2                |
| CAT32HP          | BCH32                   |
| CAT32HPPAFAB6    | BCH32-AB                |
| CAT32HPBCB       | BCH32-C2                |
| CAT32HPAB        | BCH32-RB                |
| CAT32HP24        | BCH32-U-2-4             |
| CAT32HP4Z34      | BCH32-W2                |
| CAT64HP          | BCH64                   |
| CAT64HPPAFAB6    | BCH64-AB                |
| CAT64HPAB        | BCH64-RB                |

## Top 100 Caddy®† to B-Line series fastener cross reference

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| CAT64HP4Z34      | BCH64-W2         |
| 740              | BD40             |
| CPNAM            | BDH1             |
| 4H24             | BE-2-4           |
| 4H58             | BE-5-8           |
| 16M24SM          | BG-16-E-2-4      |
| 16MB18A          | BG16-S18         |
| 16M24            | BG-16-U-2-4      |
| 812M             | BG-8-12          |
| 812MF            | BG-8-12-B5       |
| 812MCPNAM        | BG812-DH         |
| 812M24SM         | BG-8-12-E-2-4    |
| 812M58SM         | BG-8-12-E-5-8    |
| 812MB18          | BG812-S18        |
| 812MB18CPNAM     | BG812-S18-DH     |
| 812MB18S         | BG812-S18S       |
| 812MB18          | BG812-S18-W2     |
| 812M24           | BG-8-12-U-2-4    |
| 812M58           | BG-8-12-U-5-8    |
| MSR24            | BH-2-4-R         |
| 4TIB             | BH4-H7           |
| SLLC250          | BKC200           |
| CD0B             | BL1400           |
| CD0BCPNAM        | BL1400-DH        |
| CD1B             | BL1410           |
| CD1BCPNAM        | BL1410-DH        |
| CD2B             | BL1420           |
| CD2BCPNAM        | BL1420-DH        |
| 12P24SM          | BP-12-E-2-4      |
| 12P24            | BP-12-U-2-4      |
| SK125I           | BPC-12           |
| SK165I           | BPC-16           |
| 4BRT20           | BR-20-4T         |
| 4BRT32           | BR-32-4T         |
| 2BRT32           | BR-32-T          |
| MCS100           | BRC5-2           |
| CER4             | BRC6M            |
| CJ6              | BRCJ             |
| M24              | BU-2-4           |
| M24S             | BU-2-4-S         |
| K12              | BW-12            |
| K16              | BW-16            |
| 4Z34             | BW2              |
| KX               | BW4              |
| K8               | BW-8             |
| SMS8             | BWHS-9D          |
| MAC2             | BX4M             |
| MAC224           | BX4M-U-2-4       |
| 781              | BX82             |
| 449              | BX9              |

# Cross Reference Data

## Top Orbit<sup>®†</sup> to B-Line series fastener cross reference

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| BHT-1A           | BA50A            |
| BHA-16           | BB2-16T (NEW)    |
| BHA-24           | BB2-24T (NEW)    |
| MBBH-16          | BB8-16           |
| ABS-6            | BB12             |
| BCHS-10          | BG6-S18          |
| BCHS-10          | BG6-S18-MC3      |
| BCHS-6           | BG6-S18-W2       |
| BCHS-6           | BG6-S18-W6-MC3   |
| BCHS-6           | BG6-S18-W2-MC3   |
| JC-12 (ft)       | BH9              |
| SH-2             | BH10             |
| FH-E             | BH16             |
| FH-S             | BH15             |
| ST-50            | BPC-8            |
| ST-75            | BPC-12           |
| ST-100           | BPC-16           |
| ST-125           | BPC-20           |
| ST-150           | BPC-24           |
| ST-200           | BPC-32           |
| ST-250           | BPC-40           |
| ST-300           | BPC-56           |
| ST-350           | BPC-64           |
| ST-400           | B1508S           |
| STS-50           | B1512S           |
| STS-75           | B1516S           |
| STS-100          | B1520S           |
| STS-125          | B1524S           |
| STS-150          | B1532S           |
| STS-200          | B1534S           |
| STS-250          | B1540S           |
| STS-300          | B1548S           |
| STS-350          | B1556S           |
| STS-400          | B1564S           |
| PH-50B           | BL1410           |
| PH-75B           | BL1420           |
| PH-100B          | BL1425           |
| PH-125B          | BL1430           |
| PH-150B          | BL1440           |
| PH-200B          | BL1450           |
| PH-250B          | BL1460           |
| PH-300B          | BL1470           |
| PH-350B          | BL1480           |
| PH-400B          | BL1490           |
| PH-105B          | BL1425           |
| SBS              | BB33L            |



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