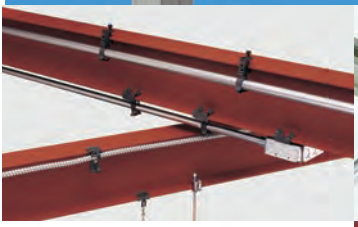
B-LINE SERIES

Fasteners BLF-18

Spring steel fasteners











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We make what matters work.

Introduction

The support you rely on.

Improving efficiency during installation with maximum return on investment.

An application is only as strong as its support systems. It's not only important to have reliable power, but determining how that power is distributed – whether in commercial, industrial or data center applications – is critical for efficiency. We continue to be the brand for systems that effectively protect, connect and enclose engineered facility subsystems, keeping your processes running and costs down. From cable tray systems and strut systems to spring steel fastener solutions, the B-Line series business is focused on innovative solutions.

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.
- J-Hook color ID system that help verify cables are running in their correct, designated pathways. For more information, visit Eaton.com/color-id.
- BB8 Series box mounting bracket with integrated cable containment for lower installed costs. For more information, visit 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.
- KwikWire™ hanging system and accessories that help save time during installation. For more information, visit Eaton.com/kwikwire.

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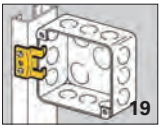
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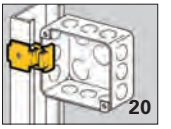
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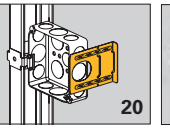
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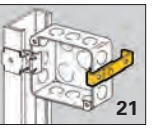
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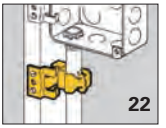
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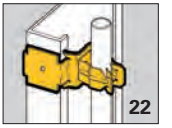


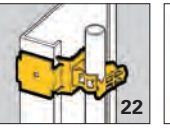






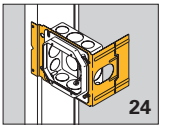


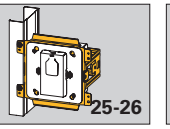


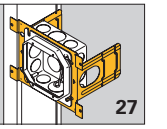


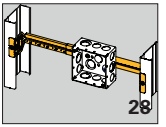


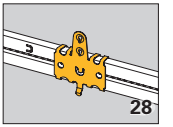


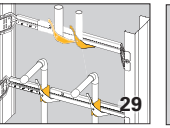


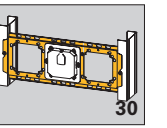


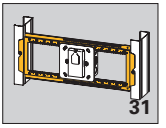


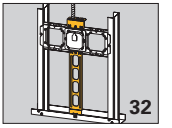


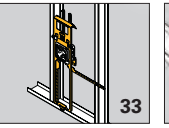


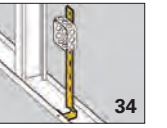


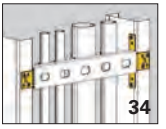


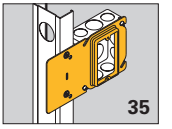


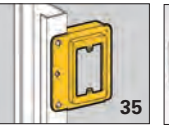


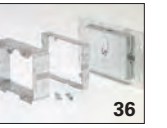


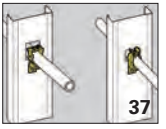


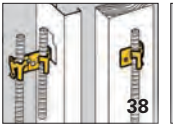


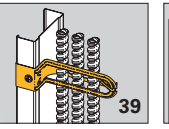


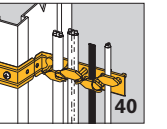


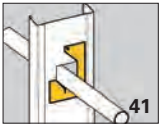


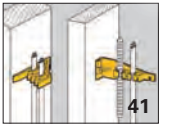


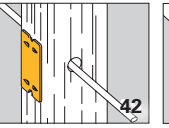


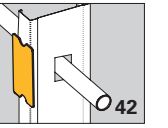


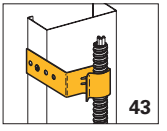


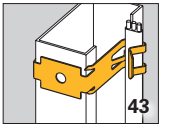


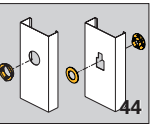




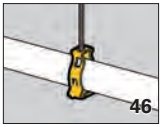


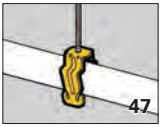


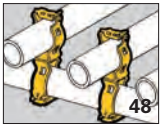


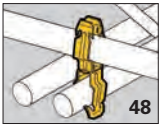


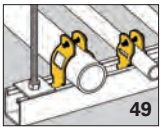
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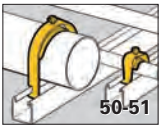


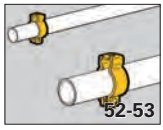


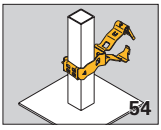


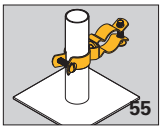


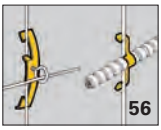


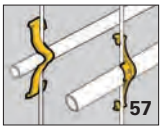


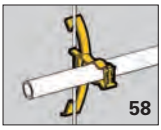


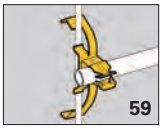


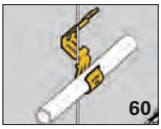


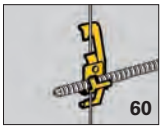


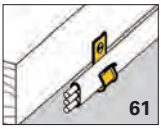


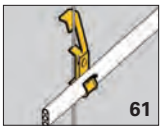


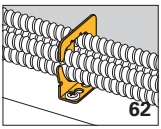


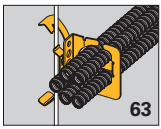


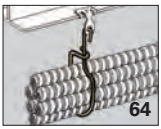


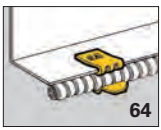


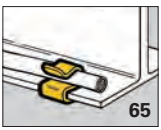


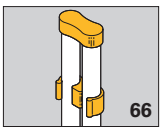


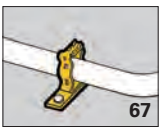


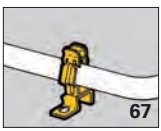


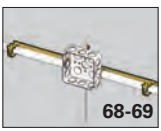


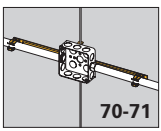


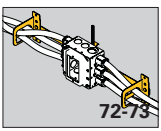




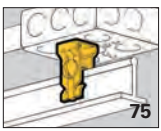


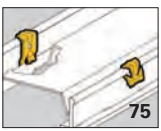


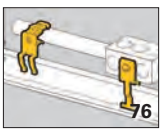


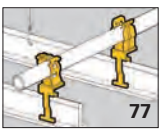


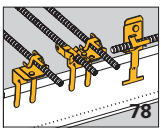
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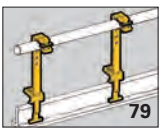


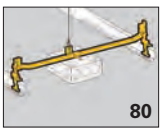


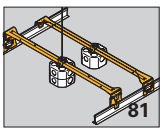


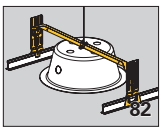


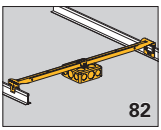


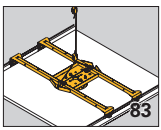


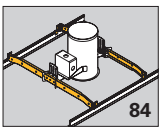






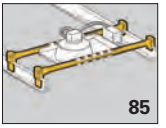


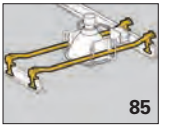


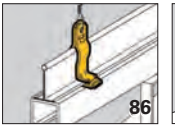


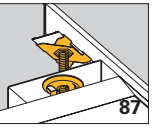
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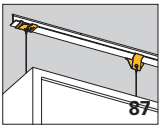
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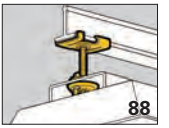


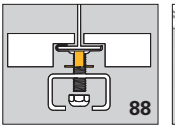


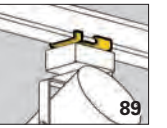


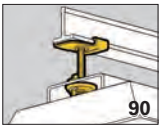


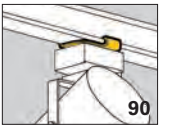


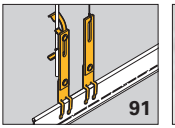






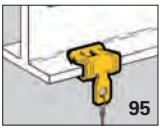


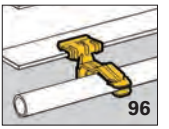


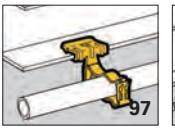


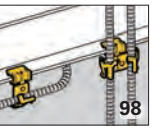


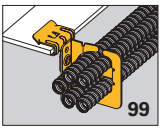
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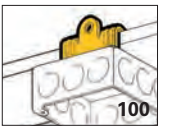


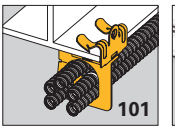


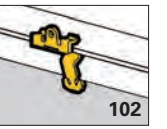


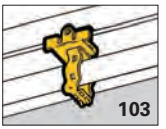


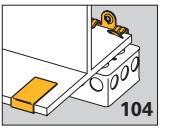


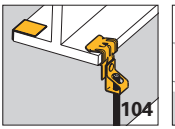


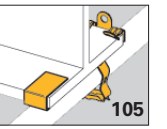


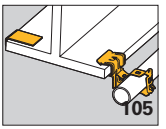


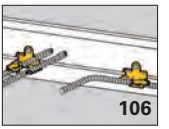


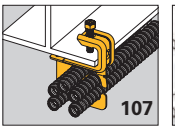


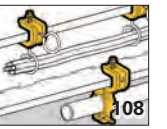


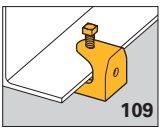


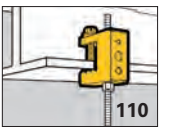


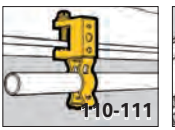


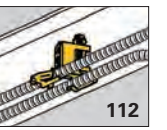


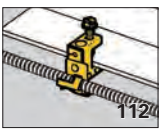


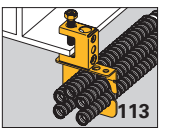


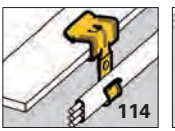




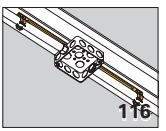


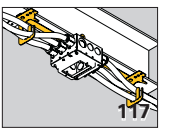




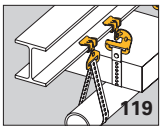


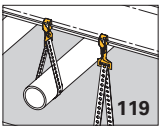


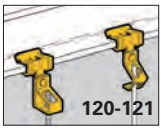




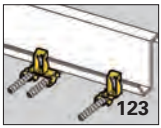
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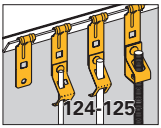


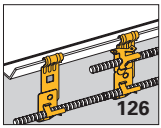


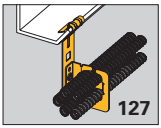


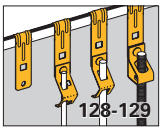


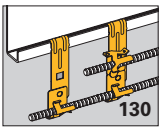


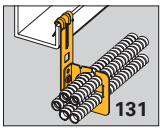


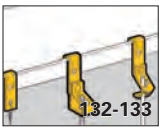


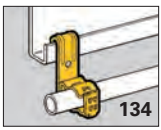


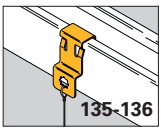


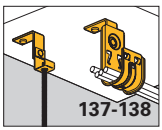




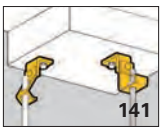


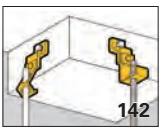


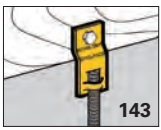


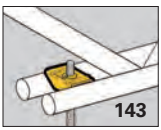


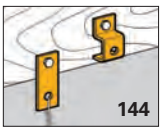


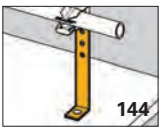


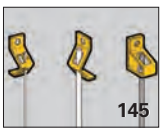




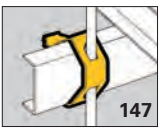


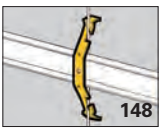


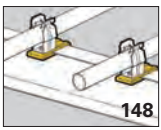


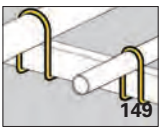


Lathers Channel



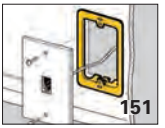


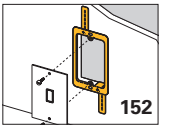


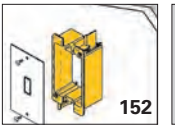


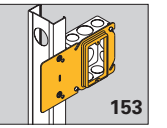
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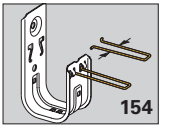


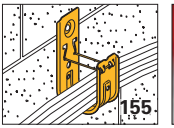






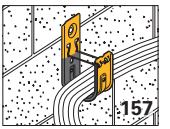


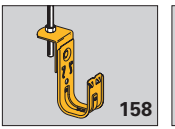


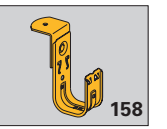


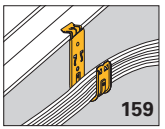


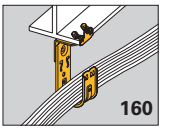


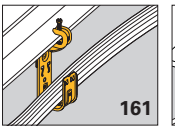


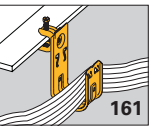


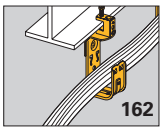


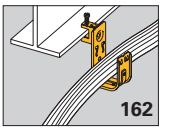


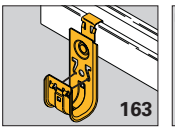


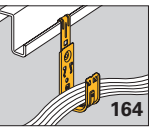


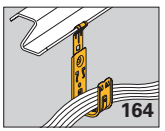


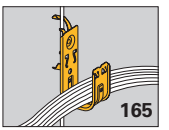


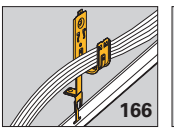


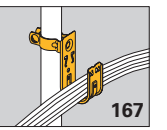


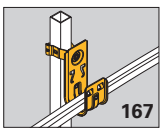


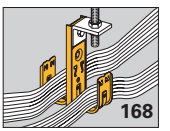


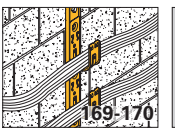


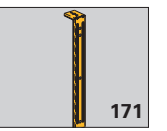


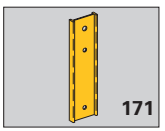


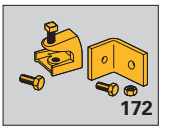


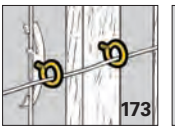


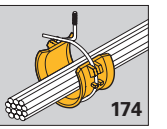


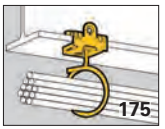


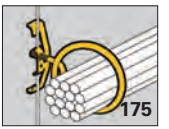


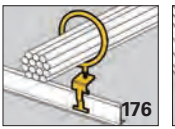


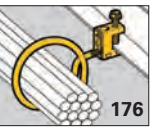


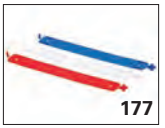


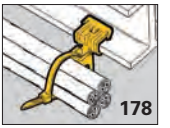


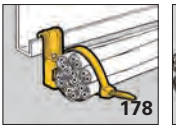


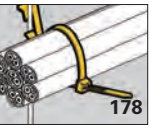




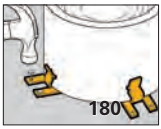


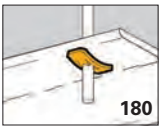


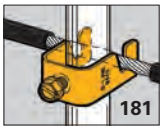


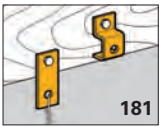


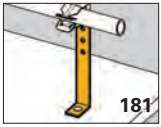
Accessories

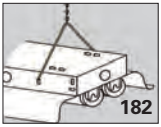


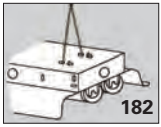


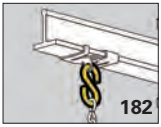


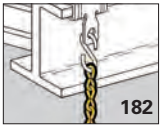








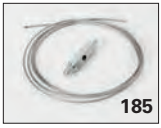


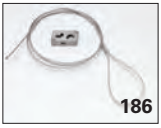




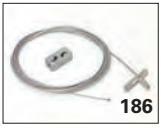


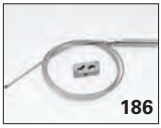














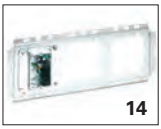


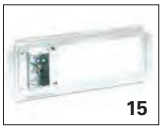




Ruff-IN Pre-Fab

















Pictorial index

Anchors


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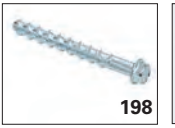

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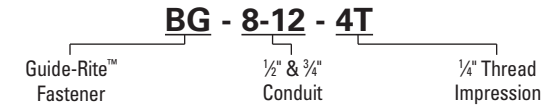

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This part numbering guide can be used to quickly translate our part numbers into meaningful data.

BG - 8-12 - 4T

Family	Size	Suffix
A Series - Anchors	Based on 16th of an inch	AS - Anchor Strap
* B Series - Pipe Strap		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.



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

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



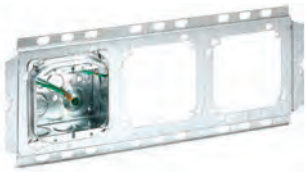
BB2TSC Series

- Increased strength and rigidity help withstand the stress of 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



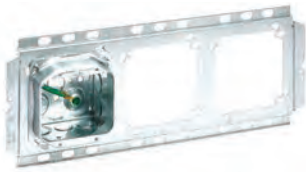
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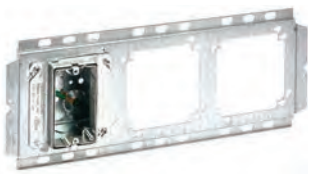
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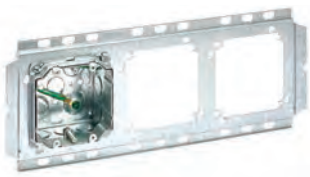
BB816-204DA-2-X-X



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



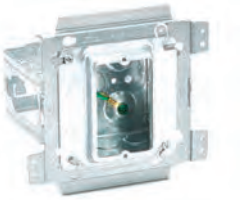
BB716-RR5DA-2-X-X



BB700 Series

- Interlocking wrap-around design provides extra rigidity
- Bracket pre-assembled at 3⅝", back tabs can be folded out for 4", purchase BB70E as add on for 5½" and 6" stud spacing options
- Multiple brackets may be ganged together

BB70-358-1104DA



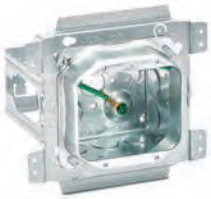
BB70-358-2104DA



BB70-358-1204DA



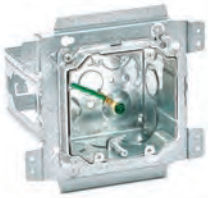
BB70-358-2204DA



BB70-358-1AJ4DA



BB70-358-2AJ4DA



BB70-358-1RR4DA

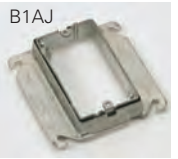


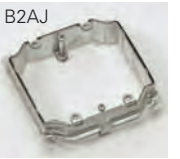
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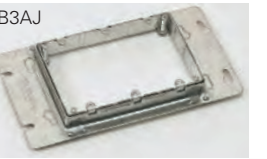


Adjustable plaster rings

- Adjustable plaster ring can be used with 4" square, 2⅛" 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



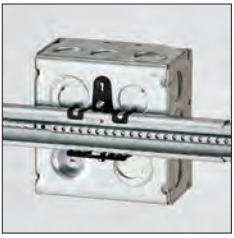






UPC/Part Number	Catalog Number	Description	Depth	Box Qty.
799038 75321	**B1AJ-1**	One Device Adjustable Ring	⅝" - 1¼"	25
782051 49200	**B1AJ-2**	One Device Adjustable Ring	¾" - 1½"	25
782051 49201	**B2AJ**	Two Device Adjustable Ring	⅝" - 1½"	25
782051 53426	**B3AJ**	Three Device Adjustable Ring	¾" - 1½"	25
782051 53427	**BRAJ**	Round Device Adjustable Ring	¾" - 1½"	25



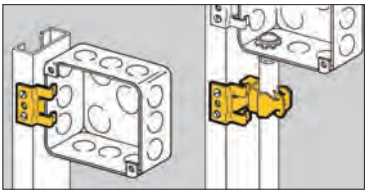








Wall studs



- 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	**BB1**	Electrical Box Support Clip	100

Guide-Rite Conduit To Stud Fastener



UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Box Qty.
78101118420	**BG-6-B1** *	⅜"	100
781011 18475	**BG-8-12-B1**	½", ¾"	100
781011 18555	**BG-16-B1**	1"	100

Patent #4958792

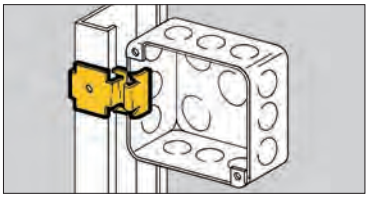
* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5⁄16" or ⅜" flexible conduit

Push Type Conduit To Stud Fastener



UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
781011 19245	**BP-8-B1**	½" EMT	100
781011 19345	**BP-12-B1**	¾" EMT, ½" IMC, Rigid	100
781011 19440	**BP-16-B1**	1" EMT, ¾" IMC, Rigid	100

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

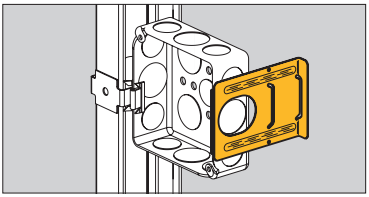


- Attaches electrical boxes (requiring plaster rings) to most metal studs.
- Box mounts flush to back of drywall.
- Simply installed with a hammer.

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



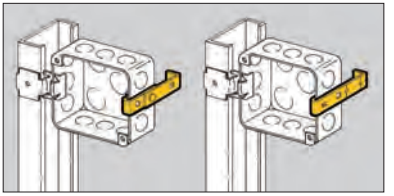
BB12



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.



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

Box Stabilizer



BF1-96



BF1-64



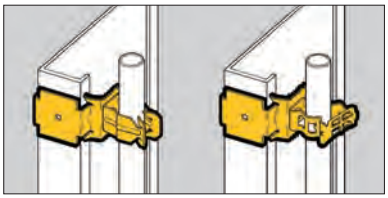
BF1-56



BF1-40

UPC/Part Number	Catalog Number	Metal Stud Size	Box Qty.
78101118320	**BF1-40**	2½"	100
78101118325	**BF1-56**	3½"	100
78101118330	**BF1-64**	4"	100
78101118335	**BF1-96**	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	**BG-6-B5** *	⅜" or BX	100
78101118480	**BG-8-12-B5**	½", ¾"	100
78101118560	**BG-16-B5**	1"	100
78101118645	**BG-20-B5**	1¼"	50

Patent #4958792

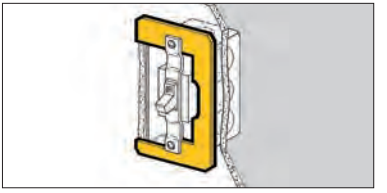
* BG-6 will accept the following range Ø.420 - Ø.675:
14/2 thru 10/4 MC/AC cable and 5/16" or ⅜" flexible conduit

Push Type Conduit To Stud Fastener



UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101119250	**BP-8-B5**	½" EMT	100
78101119350	**BP-12-B5**	¾" EMT, ½" IMC, Rigid	100
78101119445	**BP-16-B5**	1" EMT, ¾" IMC, Rigid	100

Wall studs



Retainer Leveler

- 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.

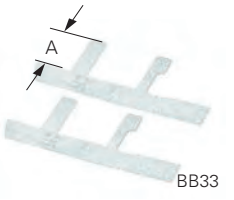


UPC/Part Number	Catalog Number	Description	Box Qty.
78101118215	**BB32**	Adds Rigidity to Oversize Wall Openings	100

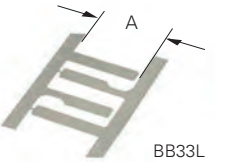


Box Support

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



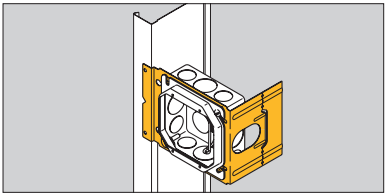
BB33



BB33L

UPC/Part Number	Catalog Number	Description	Length A	Box Qty.
78101101138	**BB33**	Box Support	1½"	100 pr.
78101104936	**BB33L**	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 11/16" square boxes.
- Brackets may be piggy-backed in series.
- Finish: Pre-Galvanized.
- Contact factory for pre-fab box assemblies.



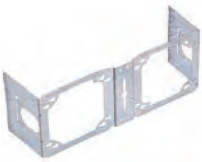
BB4-23



BB4-4



BB4-6



BB4-23D



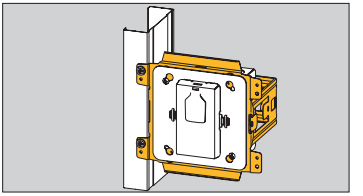
BB4-4D



BB4-6D

UPC/Part Number	Catalog Number	Metal Stud Size	Box Qty.
78101118190	**BB4-23**	3⅝", 2½"	100
78101118200	**BB4-4**	4", 3⅝", 2½"	100
78101118202	**BB4-6**	6", 5½", 3⅝", 2½"	100
79903848375	**BB4-23D**	3⅝", 2½"	50
79903848376	**BB4-4D**	4", 3⅝", 2½"	50
79903848377	**BB4-6D**	6", 5½", 3⅝", 2½"	50

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



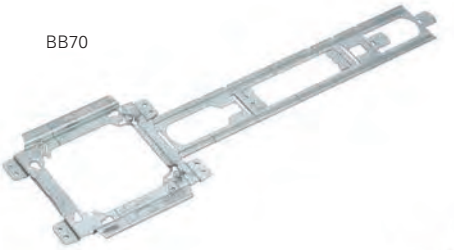
Box Support Brackets

- 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 1/16" SQ., and 5" SQ. on either side of the stud.

- 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	**BB70**	2½" - 4"	50
79903856400	**BB70E***	5½" - 6"	50

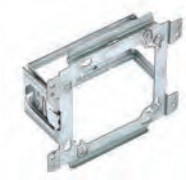
* Must be used with BB70.



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



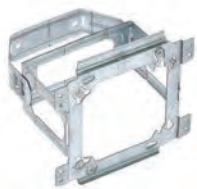
2½"



3⅝"



4"



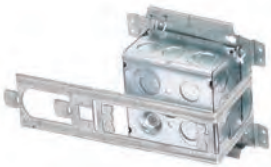
6"

For 5½" depth, snap the BB70E into the next notch on the bracket side

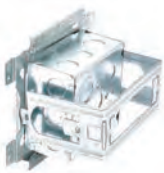
Bending Bracket for 3⅝" depth

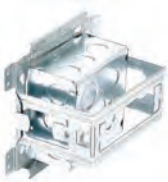




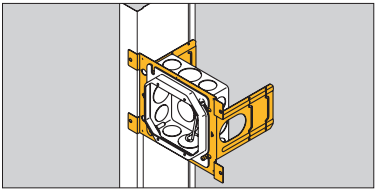








Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

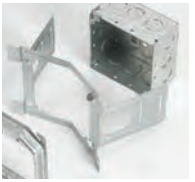


Double-Sided Box Support Bracket w/ Marty-Mouse Ears

- 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 out performs competitor brackets.
- Contact factory for pre-fab box assemblies.
- Finish: Pre-Galvanized.



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



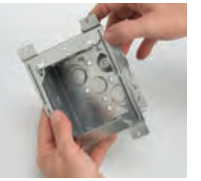
2. Insert box screws into open slots



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



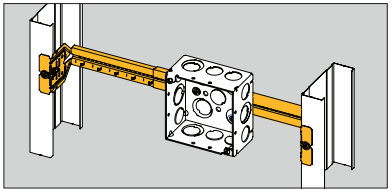
4. With the tabs closed, the box remains secured to the bracket when the plaster ring is removed



UPC/Part Number	Catalog Number	Stud Size	Box Qty.
78205138645	**BB73**	3⅝", 2½"	50
78205138717	**BB74**	4", 3⅝", 2½"	50
78205138759	**BB76**	6", 5½", 3⅝", 2½"	25

Patent # 5595362

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

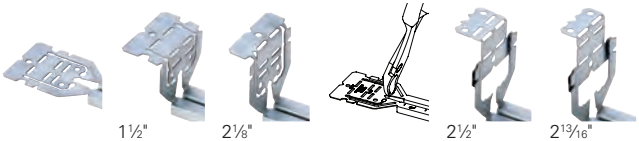


Telescoping Box Mounting Bracket

- Completely adjustable fits a range of stud spacings
- Mounts 1½", 2⅛", 2½", and 2¹³⁄₁₆" 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.



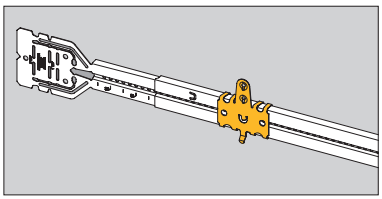
BB2-24T



1½" 2⅛" 2½" 2¹³⁄₁₆"

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

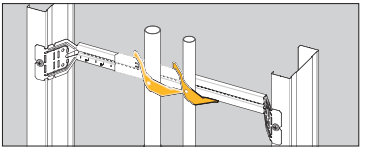


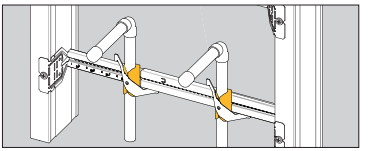
UPC/Part Number	Catalog Number	Stud Spacing	Box Qty.
79903863003	**BB2TSC**	Box Mounting Clip	100

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

UPC/Part Number	Catalog Number	Description	Box Qty.
79903863004	**BB2TPC-038**	Pipe/Conduit Clamp ⅜"	100
79903863005	**BB2TPC-050**	Pipe/Conduit Clamp ½"	100
79903863006	**BB2TPC-075**	Pipe/Conduit Clamp ¾"	100
79903863007	**BB2TPC-100**	Pipe/Conduit Clamp 1"	100
79903863013	**BB2TCT-050**	Copper Pipe Insulator Sleeve ½"	100
79903863015	**BB2TCT-075**	Copper Pipe Insulator Sleeve ¾"	100 100
79903863016	**BB2TCT-100**	Copper Pipe Insulator Sleeve 1"	100 100

U.S. Patent 9,791,073

Note: Secures to B-Line BB2-16T and BB2-24T telescoping brackets only. For a standard 2⅛" deep box, the stud depth must be 3½" or greater. For a shallow 1½" deep box, the stud depth must be 2½" or greater.

Mounting Screws



BWHS-9

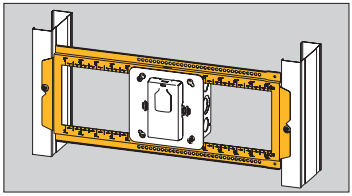


BWHS-9D

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101675	**BWHS-9**	#8 x 9⁄16" Sheet Metal Screw	1000
78101104925	**BWHS-9D**	#8 x 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.

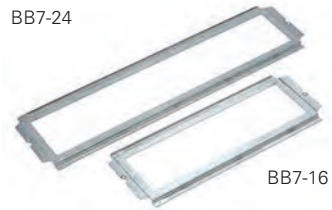


Open Box Mounting Bracket

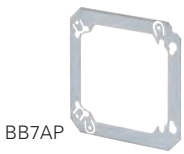
- Open box support allows for adjustability of box position between studs.
- Supports most US and Canadian boxes and/or plaster rings 4" SQ., 4 1/16" SQ., 5" SQ., and multi-gang boxes.
- Fits up to 1½" wide studs 16" to 24" on center.
- Compatible with Rapid Ring™ & adjustable plaster rings.
- Field cut to adjust to non-standard stud spacings.
- Stamped markings at ¼", ½", 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.

BB7-24



BB7-16



BB7AP

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

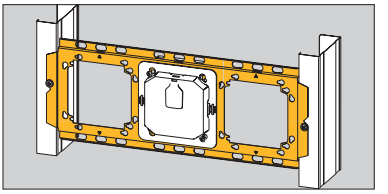
Can be cut on a mark to make shorter length brackets.



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



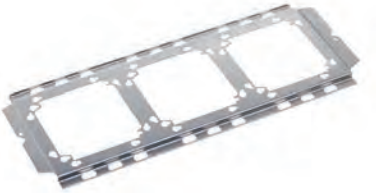
Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.



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 11/16" 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



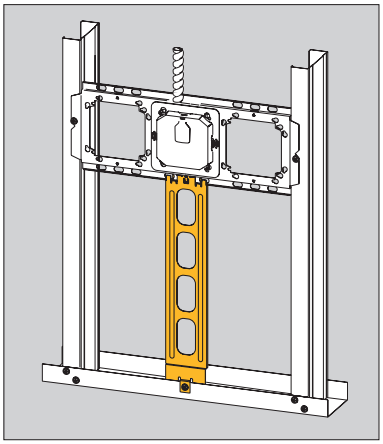
BB8-16



BB8-24

UPC/Part Number	Catalog Number	Description	Box Qty.
78101102898	**BB8-16**	16" Stud Spacing	25
78101102900	**BB8-24**	24" 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)



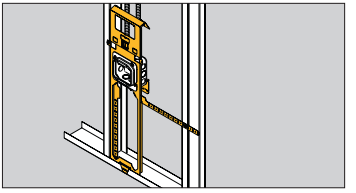




BBFS-18

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



BBF15



BBFC



BBF18



BBF24



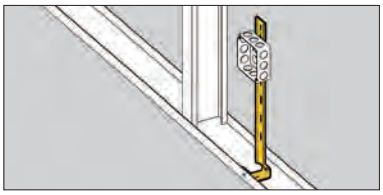
BBFxxC

- 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	**BBF15**	15" Floorstand	25
78205152945	**BBF18**	18" Floorstand	25
78205152946	**BBF24**	24" Floorstand	25
78205152947	**BBFC**	Containment Clip	25
78205152948	**BBF15C**	15" Floorstand with Cable Clip	25
78205152949	**BBF18C**	18" Floorstand with Cable Clip	25
78205152950	**BBF24C**	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.

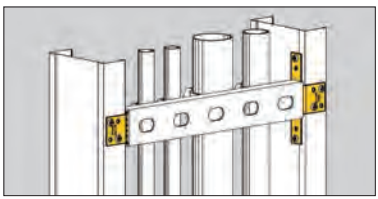


Floor Mounted Box Support



- 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	**BB-18**	Floor Mounted Box Support	50



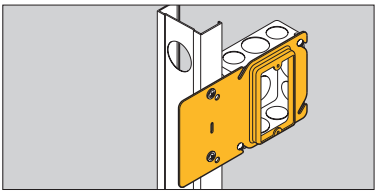
Strut Mounting Brackets



- Attaches 1 3/16" strut, 1½" lathers channel, ½" EMT or ¾" EMT to metal studs.
- Provides support for vertical runs of conduit.
- Finish: Pre-Galvanized.

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101658	**BMB1**	Strut Mounting Bracket	25 pr.

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



Uni-Mount Box Support/Cover Plate Mounting Bracket

- 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.

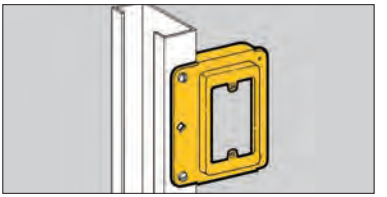
Single Gang
BB40 Series





Double Gang
BB45 Series

UPC/Part Number	Catalog Number	Description	Box Qty.
78205122768	**BB40-08**	½" Raise	50
78205122771	**BB40-10**	⅝" Raise	50
78205122772	**BB40-12**	¾" Raise	50
78205122773	**BB45-08**	½" Raise	50
78205122774	**BB45-10**	⅝" Raise	50
78205122775	**BB45-12**	¾" Raise	50



Cover Plate Mounting Bracket



- Provides attachment base for low voltage outlets.
- Replaces electrical box in Class 2 low voltage installations.
- Can be piggy-backed.
- For ½" and ⅝" drywall applications.
- Finish: Pre-Galvanized.

UPC/Part Number	Catalog Number	Description	Box Qty.
78101119873	**BB15**	Single Gang Stud Bracket	50

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

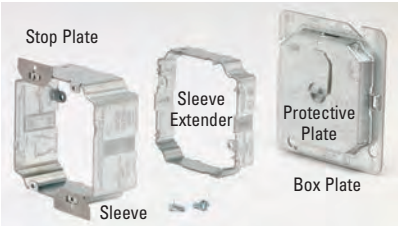
Rapid Ring
Self Adjusting Pre-Fab Ring

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!



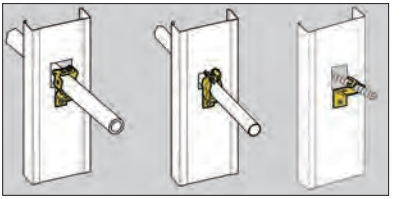
For Use With Wiring Device Qty.	Electrical Box [5]	Box Plate [1] Cat. No.	Sleeve [2,3] Cat. No. Cat. No.	Sleeve Extender [4]
1	4" sq.	**B1RRP4C**	**B1RRR**	**B1RRE**
1	4 11/16" sq.	**B1RRP5C**	**B1RRR**	**B1RRE**
2	4" sq.	**B2RRP4C**	**B2RRR**	**B2RRE**
2	4 11/16" sq.	**B2RRP5C**	**B2RRR**	**B2RRE**
3	3-gang [6]	**B3RRPC**	**B3RRR**	**B3RRE**
4	4-gang [7]	**B4RRPC**	**B4RRR**	**B4RRE**
Double Drywall Cover		**B1RRC-1.5**	**B2RRC-1.5**	

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 2⅛"
6. Keyhole knockouts allow use on 2-gang electrical box.
7. Keyhole knockouts allow use on 3-gang electrical box.

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

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

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



BG-x-H7



BP-x-H7
(Not UL)



BX4-H7

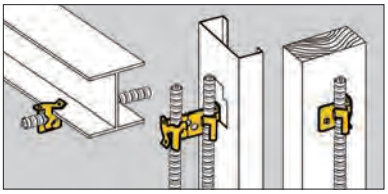


BX4M-H7
(Not UL)

UPC/Part Number	Catalog Number	Conduit/Cable Size	Box Qty.
78101101228	**BG-6-H7** *	⅜", MC, AC, or FMC	100
78101110238 Patent #4958792	**BG-8-12-H7**	½" or ¾"	100
78101101227	**BP-8-H7**	½" EMT	100
78101101226	**BP-12-H7**	¾" EMT ½" IMC, Rigid	100
78101101200	**BX4-H7**	MC, AC, or FMC	100
78101101205	**BX4M-H7**	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 ⅜" flexible conduit

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



Flexible Conduit/ Cable Fasteners

- Attaches MC, AC, sizes 14/2 through 10/3 or ⅜" 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 1¼" from face of stud as required by NEC Article 300.4(D).



BX4



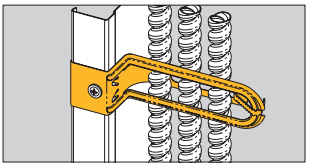
BX4M



BX4MD

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101079	**BX4**	Single Runs	100
78101101080	**BX4M**	Double Runs	100
78101101224	**BX4MD**	Up to 4 Runs	100

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





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	**BRC6M**	1¼"	50
79903843762	**BRC6M-1**	All	50

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



BRCJ



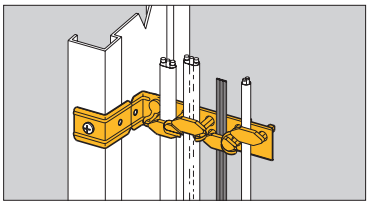
- Ensures cables are positioned 1¼" from the face of the stud.

UPC/Part Number	Catalog Number	Stud Size	Box Qty.
79903862843	**BRCJ**	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 Conduit (BX)	5/16"	6	4
	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.



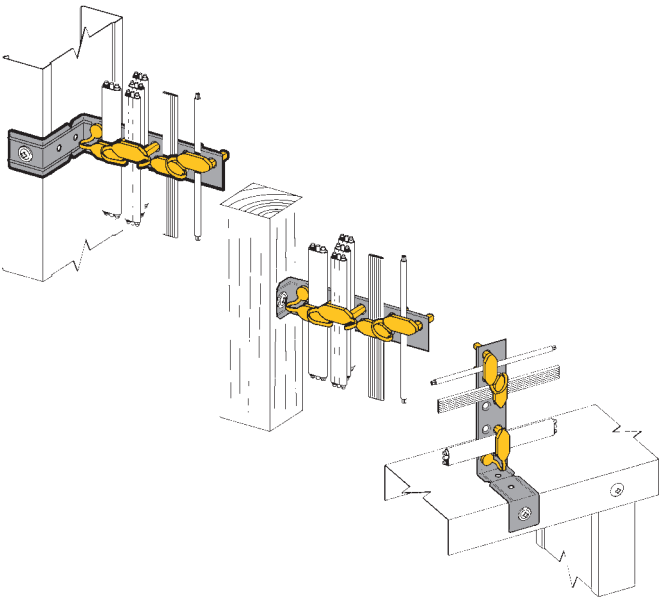
Staple-Lok Multi-Purpose Cable Support

- Individual plastic staples grip cable and reduce slipping.
- Secures up through #10 type NM cable.
- Supports AC, MC or FMC cable up to ½" O.D.
- Staple-Lok™ break-apart feature allows installation on studs and furring strips.
- Allows cables to be positioned a minimum of 1¼" from face of stud as required by NEC Article 300.4(D).

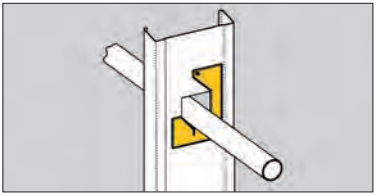


UPC/Part Number	Catalog Number	Cable Size	Box Qty.
78101103587	**BRC4**	Up to .500" O.D.	100

Patent #5587555



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

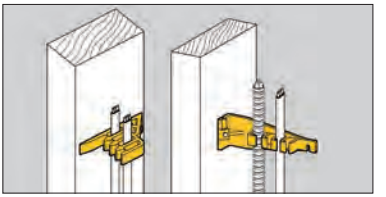


Conduit/Cable Supports

- 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.



UPC/Part Number	Catalog Number	Conduit/Cable Size	Box Qty.
78101101657	**BX82**	Up to 1"	100



Cable Fasteners

- 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 1¼" from face of stud as required by NEC Article 300.4(D).



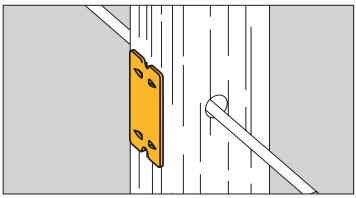
BRC1



BRC2

UPC/Part Number	Catalog Number	Description	Box Qty.
78101102941	**BRC1**	Wood Stud Cable Fastener	50
78101102941	**BRC2**	Furring Strip Cable Fastener	50

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

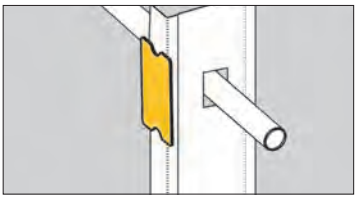


- Protects cable, plastic pipe and copper tubing from screw or nail penetration.
- Easily installed with a hammer.
- Complies with NEC Article 300-4.

Nail Plates For Wood Studs



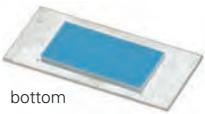
UPC/Part Number	Catalog Number	Description	Box Qty.
78101104927	**BM3**	Nail Plate	100

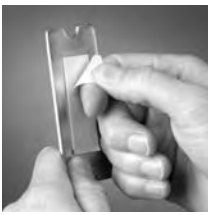


- Protects cable, plastic pipe and copper tubing from screw or nail penetration.
- Comes with industrial grade double stick tape on back for easy installation on stud.
- Complies with NEC Article 300-4.

Nail Plates For Metal Studs





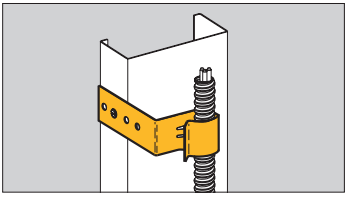


Just Peel Tape and Stick To Stud

UPC/Part Number	Catalog Number	Description	Box Qty.
78101126251	**BM3M**	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 ½" to 1" EMT or flexible conduit to metal or wood studs.
- BB38 attaches MC/AC cable, ½" & ¾" EMT to metal or wood studs.
- Eliminates the need for offset bending of conduit.
- Aligns conduit with standard box knockouts.

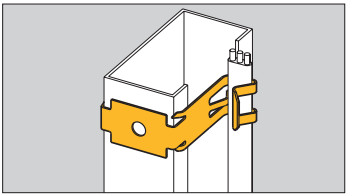


BB38



BB38D

UPC/Part Number	Catalog Number	Box Depth	Box Qty.
78101104265	**BB38**	1½"	100
78101195244	**BB38D**	2⅛"	100



Flexible Conduit/ Cable Fasteners

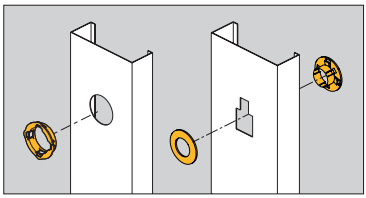
- Secures Romex®† sizes 14/2 w/ground thru 12/3 w/ground, MC/AC sizes 14/2 thru 12/3 to metal or wood studs.
- Allows cables to be positioned a minimum of 1¼" from face of stud as required by NEC Article 300.4(D).



UPC/Part Number	Catalog Number	Description	Box Qty.
78101119755	**BX5**	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 11/32" 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	**BM1**	Plastic Grommet	100
78101119102	**BM1M**	Plastic Grommet (Bulk Quantity)	100
78101104926	**BM2**	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



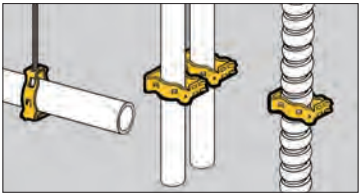








Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

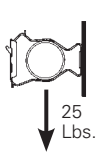


- Supports 3/8" to 2" conduit.
- Unique Guide-Rite™ Fastener provides for fast and easy installation with pliers.
- Now available in Dura-Copper™ finish - add DCU to part number.
- Static Load Capacity: 100 Lbs. - Vertical 25 Lbs. - Horizontal

Guide-Rite Conduit Fasteners



Clearance Hole For 1/4" Bolt



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



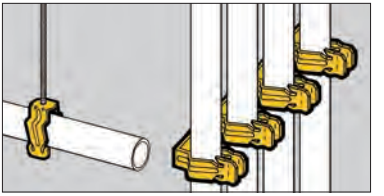
1/4"-20 Thread Impression

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

Patent #4958792

* BG-6 and BG-6-4T 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.



- Conduit easily snaps into push type fastener for secure support.
- Available with clearance hole for ¼" bolt or ¼"-20 thread impression.
- Ultimate Static Load Capacity:
  25 Lbs. Vertical
  15 Lbs. Horizontal

Push-Type Conduit Fasteners





Clearance Hole For ¼" Bolt

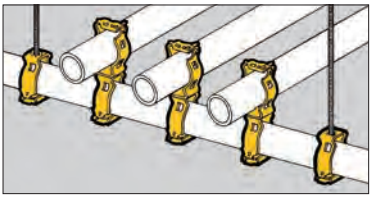
UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101119200	**BP-8**	½" EMT	100
78101119205	**BP-12**	¾" EMT ½" IMC, Rigid	100
78101119210	**BP-16**	1" EMT ¾" IMC, Rigid	100



¼"-20 Thread Impression

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101119215	**BP-8-4T**	½" EMT	100
78101119220	**BP-12-4T**	¾" EMT ½" IMC, Rigid	100
78101119225	**BP-16-4T**	1" EMT ¾" IMC, Rigid	100

Read safety/installation instruction sheets in packages before use.



- For use with ⅜" to 2" conduit.
- Guide-Rite™ Fastener provides for fast and easy installation with pliers.

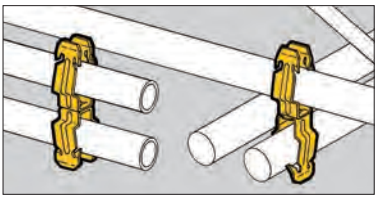


- Note: Total load of trapeze must not exceed 100 Lbs.

Guide-Rite Conduit Trapeze Fasteners

UPC/Part Number	Catalog Number	Conduit To 1" Trapeze	Box Qty.
78101118615	**BG-16-G-6***	⅜"	100
78101118620	**BG-16-G-8-12**	½", ¾"	100
78101118595	**BG-16-G-16**	1"	100
78101118600	**BG-16-G-20**	1¼"	50
78101118605	**BG-16-G-24**	1½"	50
78101118610	**BG-16-G-32**	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 ⅜" flexible conduit



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



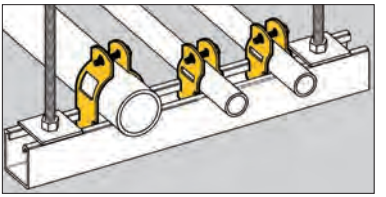
- Ultimate Static Load Capacity: 25 Lbs.

Push-Type Conduit To Conduit Fasteners

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101118615	**BP-8-P-8**	½" to ½"	100
78101118620	**BP-8-P-12**	½" to ¾"	100
78101118595	**BP-8-P-16**	½" to 1"	100
78101118600	**BP-12-P-12**	¾" to ¾"	100
78101118605	**BP-12-P-16**	¾" to 1"	100
78101118610	**BP-16-P-16**	1" to 1"	100

Note: For rigid conduit with BP series, use next size larger fastener (½" Rigid use BP-12).

Read safety/installation instruction sheets in packages before use.



Break-Apart Conduit Clamps

- Patented Multi-Grip design fits Rigid, IMC or EMT conduit.
- Convenient break-apart clamp features retained bolt and 5/16" thread impression to eliminate handling of nuts and bolts.
- Finish: Pre-Galvanized.
- Static Load Capacity: 200 lbs.
- Recommended torque: 35 in-lbs.

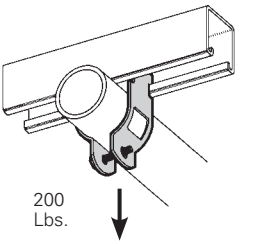


BPC-8 thru BPC-32



BPC-40 thru BPC-64

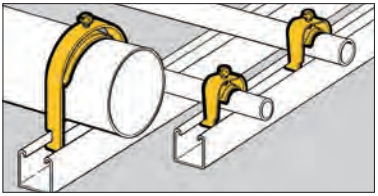
Static Load Capacity



UPC/Part Number	Catalog Number	Rigid or EMT Conduit Size	Box Qty.
78101101676	**BPC-8**	½"	100
78101101677	**BPC-12**	¾"	100
78101101680	**BPC-16**	1"	100
78101101679	**BPC-20**	1¼"	50
78101101678	**BPC-24**	1½"	50
78101101681	**BPC-32**	2"	50
78101103977	**BPC-40**	2½"	50
78101103978	**BPC-48**	3"	50
78101103979	**BPC-56**	3½"	25
78101103981	**BPC-64**	4"	25

Patent #4044428

Read safety/installation instruction sheets in packages before use.



Conduit Strut Clamps



B1506S thru B1524S



B1532S thru B1564S



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.

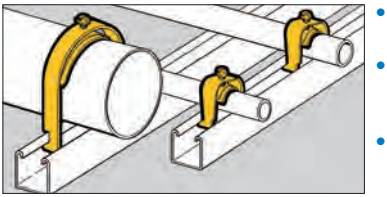
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UPC/Part Number	Catalog Number	Conduit Size EMT	Conduit Size Rigid	OD Range Inches Min	OD Range Inches Max	Static Load Cap. Lbs.	Box Qty.
78101163150	**B1508**	½"	–	–	–	200	100
78101163154	**B1512**	¾"	½"	–	–	200	100
78101163157	**B1516**	1"	¾"	–	–	300	100
78101163160	**B1520**	1¼"	1"	–	–	300	100
Note: Clamps without saddle are not recommended for flexible conduit or cable							
78205144495	**B1506S***	⅜"*	–	.400	.630	200	100
78101163164	**B1508S**	½"	–	.250	.680	200	100
78101163168	**B1512S**	¾"	½"	.500	.840	200	100
78101163171	**B1516S**	1"	¾"	.750	1.050	300	100
78101163177	**B1520S**	1¼"	1"	1.125	1.315	300	100
78101163182	**B1524S**	1½"	1¼"	1.375	1.660	400	50
78101163188	**B1532S**	2"	1½"	1.875	2.200	400	50
78101163193	**B1534S**	–	2"	2.125	2.375	400	25
78101163199	**B1540S**	2½"	2½"	2.625	2.875	400	25
78101163205	**B1548S**	3"	3"	3.250	3.500	400	25
78101163211	**B1556S**	3½"	3½"	3.750	4.000	400	10
78101163215	**B1564S**	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 clamps

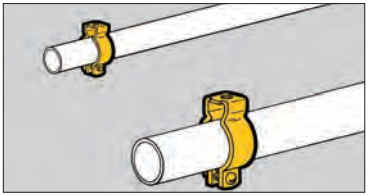
- One-piece assembled product.
- Easy removal without disconnecting adjacent clamps.
- Secure cables easily with protective saddle, preventing damage to conduit or cable.
- One-hand installation.



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

Read safety/installation instruction sheets in packages before use.



- For use with ½" 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	**BL1400***	0	½"	½"	100
78101119801	**BL1410***	1	¾"	¾"	100
78101119802	**BL1420***	2	1"	1"	100

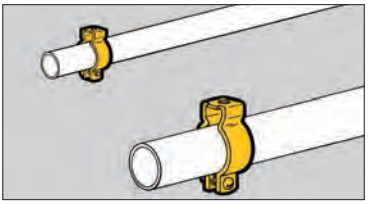


With Bolt and Nut

UPC/Part Number	Catalog Number	Trade Size	Conduit Size EMT	Conduit Size Rigid	Box Qty.
78101119803	**BL1425***	2.5	1¼"	--	100
78101119804	**BL1430***	3	1½"	1¼"	100
78101119805	**BL1440†**	4	--	1½"	50
78101119806	**BL1450†**	5	2"	2"	50
78101119807	**BL1460†**	6	2½"	2½"	25
78101119808	**BL1470†**	7	3"	3"	25
78101119809	**BL1480†**	8	3½"	3½"	10
78101119810	**BL1490†**	9	4"	4"	10

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

Read safety/installation instruction sheets in packages before use.



- For use with ½" thru 4" Conduit.
- Static Load Capacity: 400 lbs.
- Material: Type 304 Stainless Steel.

Stainless Steel Conduit Hangers

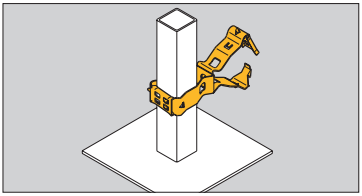


With Bolt And Nut

UPC/Part Number	Catalog Number	Trade Size	Conduit Size EMT	Conduit Size Rigid	Box Qty.
78101119800	**BL1400-SS4***	0	½"	½"	100
78101119801	**BL1410-SS4***	1	¾"	¾"	100
78101119802	**BL1420-SS4***	2	1"	1"	100
78101119803	**BL1425-SS4***	2.5	1¼"	--	100
78101119804	**BL1430-SS4***	3	1½"	1¼"	100
78101119805	**BL1440-SS4†**	4	--	1½"	50
78101119806	**BL1450-SS4†**	5	2"	2"	50
78101119807	**BL1460-SS4†**	6	2½"	2½"	25
78101119808	**BL1470-SS4†**	7	3"	3"	25
78101119809	**BL1480-SS4†**	8	3½"	3½"	10
78101119810	**BL1490-SS4†**	9	4"	4"	10

* 9/32" mounting hole. † 11/32" 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

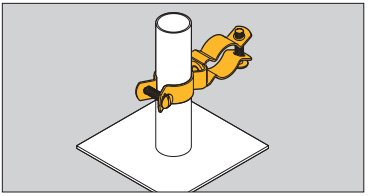


UPC/Part Number	Catalog Number	Conduit Size EMT/Rigid	Box Qty.
78205125589	**BG-8-12-G6***	3/8"	100
78101188538	**BG-8-12-G812**	1/2" or 3/4"	100
78101118620	**BG-16-G-8-12**	1"	100
78205125594	**BG-8-12-G20**	1 1/4"	50
78205125595	**BG-8-12-G24**	1 1/2"	50
78205125597	**BG-8-12-G32**	2"	50

Patent #4958792

* BG-8-12-G6 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.



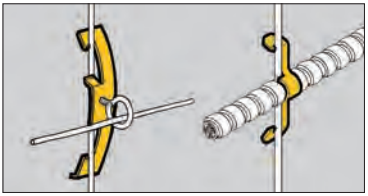
- Supports conduit from 1" O.D. computer floor pedestals.
- Also available in Type 304 Stainless Steel. Contact factory for details.
- Static Load Capacity: 25 lbs.
- Finish: Zinc-Plated.

Conduit To Pedestal Support



UPC/Part Number	Catalog Number	Trade Size	Conduit Size Rigid	Conduit Size EMT	Box Qty.
78205125599	**BL1410-L1400**	0	½"	½"	50
78205125601	**BL1410-L1410**	1	¾"	¾"	50
78205125602	**BL1410-L1420**	2	1"	1"	50
78205125603	**BL1410-L1425**	2.5	–	1¼"	50
78205125607	**BL1410-L1430**	3	1¼"	1½"	50
78205125612	**BL1410-L1440**	4	1½"	–	25
78205125614	**BL1410-L1450**	5	2"	2"	25
78205125617	**BL1410-L1460**	6	2½"	2½"	10
78205125618	**BL1410-L1470**	7	3"	3"	10
78205125619	**BL1410-L1480**	8	3½"	3½"	5

Read safety/installation instruction sheets in packages before use.

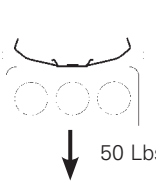


- BW2 and BW6 support #10-24 or ¼"-20 threaded bridle rings and provide attachment for electrical boxes.
- BW2S & BW6S are provided with one each ¼"-20 x ⅜" screw and hex nut.
- BW4 supports cables from #12 thru #8 wire.

Rod & Wire Fasteners

UPC/Part Number	Catalog Number	Drop Rod/ Wire Size	Flange Thickness	Box Qty.
78101119700	**BW2**	#12 wire thru ¼" plain or threaded rod	⅛" - ⅜"	100
78205140156	**BW2S**	#12 wire thru ¼" plain or threaded rod	⅛" - ⅜"	100
78101195516	**BW6**	⅜" plain or threaded rod	⅜" - 7⁄16"	100
78205140157	**BW6S**	⅜" plain or threaded rod	⅜" - 7⁄16"	100





Static Load Capacity



UPC/Part Number	Catalog Number	Description	Box Qty.
78101119705	**BW4**	Multi-size Wire Fastener	100

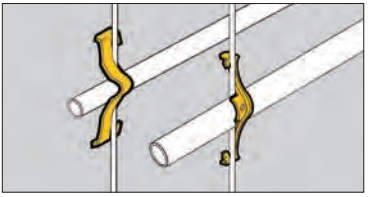


MC/AC Cable Size	#12 Wire	#10 Wire	#8 & #9 Wire
14/2 Cable	BW4	BW4	BW4
14/3 Cable	BW4	BW4	BW4
12/2 Cable	BW4	BW4	BW4
12/3 Cable	BW4	BW-8	BW-8

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.



- 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

c UL us


BW-8

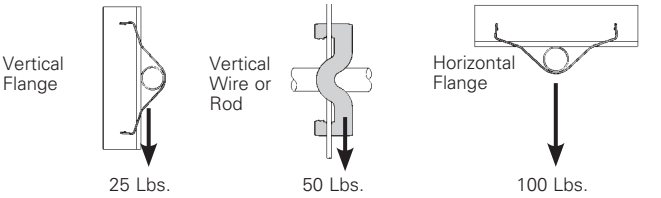

BW-16

UPC/Part Number	Catalog Number	Box Qty.
78101119710	**BW-8**	100
78101119715	**BW-12**	100
78101119720	**BW-16**	100
78101119725	**BW-20**	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	—	—

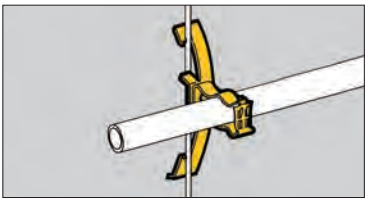
*Note: For horizontal applications only.

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.



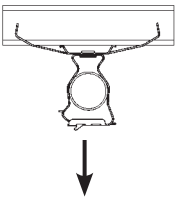
- Assemblies support ½", ¾" and 1"conduit.
- W2 series attaches to ⅛" thru ⅜" flanges or #12 wire thru ¼" plain or threaded rod.
- W6 series attaches to ⅜" thru 7⁄16" flanges or ⅜" plain or threaded rod.

Guide-Rite™ Conduit To Rod Fasteners



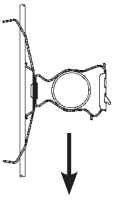
UPC/Part Number	Catalog Number	Conduit Size EMT/Rigid	Box Qty.
78101118540	**BG-8-12-W2**	½", ¾"	100
78101118640	**BG-16-W2**	1"	100
78101195519	**BG-8-12-W6**	½", ¾"	100
78101195520	**BG-16-W6**	1"	100

Patent #4958792



50 Lbs.

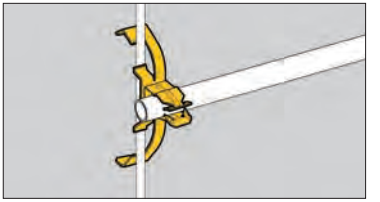
Static Load Capacity



25 Lbs.

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

Read safety/installation instruction sheets in packages before use.

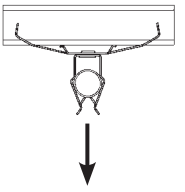


- Assemblies support ½", ¾" and 1" conduit.
- W2 series attaches to ⅛" thru ⅜" flanges or #12 wire thru ¼" plain or threaded rod.
- W6 series attaches to ⅜" thru 7⁄16" flanges or ⅜" plain or threaded rod.

Push-Type Conduit To Rod Fasteners

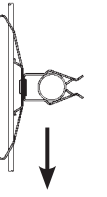


UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101119325	**BP-8-W2**	½" EMT	100
78101119420	**BP-12-W2**	¾" EMT or ½" IMC. Rigid	100
78101119505	**BP-16-W2**	1" EMT or ¾" IMC, Rigid	100
78101195521	**BP-8-W6**	½" EMT	100
78101195522	**BP-12-W6**	¾" EMT or ½" IMC. Rigid	100
78101195523	**BP-16-W6**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



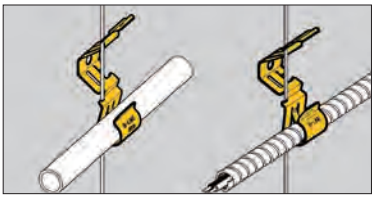
25 Lbs.

Ultimate Static Load Capacity



15 Lbs.

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

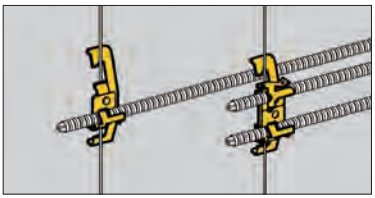


Flex-Rite Cable/Conduit To Wire Fasteners



- Flex-Rite™ can be used in place of batwings.
- Will not bend or deform hanger wire.
- Attaches to #12 - #8 wire and ¼" plain rod.
- Accommodates MC, AC, ⅜" FMC or ½" 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	**BX-8**	.375" to 706" O.D.	100
78101102943	**BX-18**	.706" to 1.380" O.D.	100
78101101685	**BX-8B**	Bulk Packed In Fiber Barrels	4000



Cable To Rod Fasteners



BX4-W2

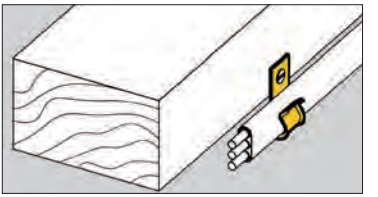


BX4M-W2

- Assemblies support MC, AC, sizes 14/2 through 10/3 or ⅜ FMC.
- W2 series attaches to ⅛" thru ⅜" flanges or #12 wire thru ¼" plain or threaded rod.
- W6 series attaches to ⅜" thru 7⁄16" flanges or ⅜" plain or threaded rod.

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

Read safety/installation instruction sheets in packages before use.

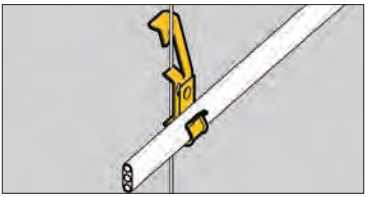


- Attaches Type NM cable to most structures.
- Supports cable sizes 14/2 and 12/2 with ground wire.
- May be used with other B-Line series fasteners for attachment to acoustical tees, beams, drop wires, etc.

Cable Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101103553	**BRC3**	Type NM Cable Fastener	100



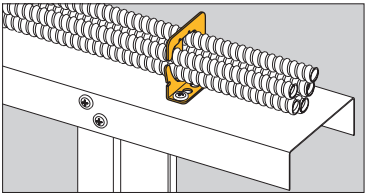
- Supports cable sizes 14/2 and 12/2 with ground wire.
- W2 series supports cable from #12 wire thru ¼" plain or threaded rod.
- W6 series supports cable from ⅜" plain or threaded rod.

Cable Fasteners



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

- 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.



BRC5-1



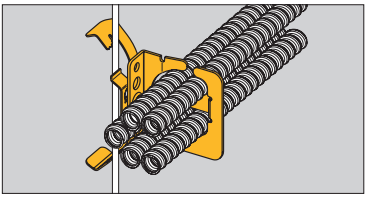
BRC5-2



BRC5-3

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

Read safety/installation instruction sheets in packages before use.



Multi-Run Cable Carrier for MC/AC Cable

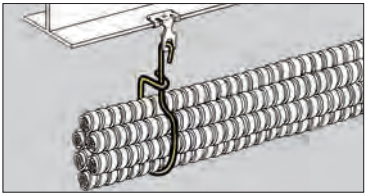
- Secures and supports multiple runs of MC/AC cable as required by the NEC.
- W2 Series attaches to ⅛" thru ⅜" flanges or #12 thru ¼" plain or threaded rod.
- W6 Series attaches to ⅜" thru 7⁄16" flanges or ⅜" plain or threaded rod.
- Load Capacity: 50 lbs.
- Finish: Zinc Plated.



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



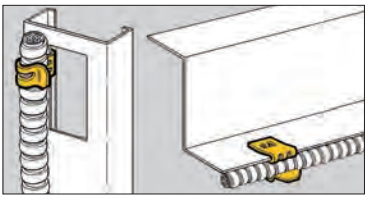
- Designed to support multiple runs of MC, AC, FMC or communication cable.
- Static Load Capacity: BX2 - 50 lbs. BX6 & BX24 - 75 Lbs.
- Finish: Zinc Plated.

Flexible Cable Support



BX2 BX6

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



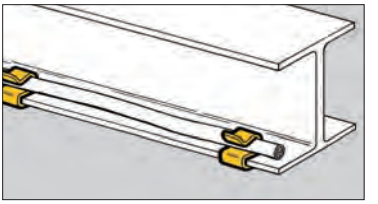
- Fastens flexible conduit and other small cables to beam flanges, bar joists or metal studs.
- Cable O.D. range of 0.42" to 0.70".
- Maximum flange thickness 5/32".

Flexible Conduit/ Cable Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101119770	**BX9**	Flexible Conduit Fastener	100

Read safety/installation instruction sheets in packages before use.



- 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)



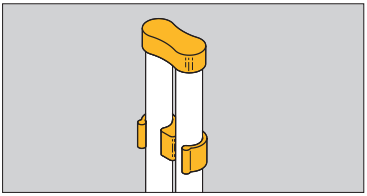
BXS
Series



BXL
Series

UPC/Part Number	Catalog Number	Flange Thickness	Cable Diameter	Box Qty.
78101119973	**BXS-67**	1⁄16" - 5⁄32"	.218 to .281	100
78101119974	**BXS-89**	1⁄16" - 5⁄32"	.290 to .375	100
78101119975	**BXS-1011**	1⁄16" - 5⁄32"	.375 to .437	100
78101119976	**BXS-1214**	1⁄16" - 5⁄32"	.444 to .560	100
78101119977	**BXS-1519**	1⁄16" - 5⁄32"	.500 to .718	100
78101119978	**BXS-2024**	1⁄16" - 5⁄32"	.748 to .945	100
78101119979	**BXS-2530**	1⁄16" - 5⁄32"	.968 to 1.250	100
78101119980	**BXM-67**	5⁄32" - 9⁄32"	.218 to .281	100
78101119981	**BXM-89**	5⁄32" - 9⁄32"	.290 to .375	100
78101119982	**BXM-1011**	5⁄32" - 9⁄32"	.375 to .437	100
78101119983	**BXM-1214**	5⁄32" - 9⁄32"	.444 to .560	100
78101119984	**BXM-1519**	5⁄32" - 9⁄32"	.500 to .718	100
78101119985	**BXM-2024**	5⁄32" - 9⁄32"	.748 to .945	100
78101119986	**BXM-2530**	5⁄32" - 9⁄32"	.968 to 1.250	100
78101119987	**BXL-67**	5⁄16" - 1⁄2"	.218 to .281	100
78101119988	**BXL-89**	5⁄16" - 1⁄2"	.290 to .375	100
78101119989	**BXL-1011**	5⁄16" - 1⁄2"	.375 to .437	100
78101119990	**BXL-1214**	5⁄16" - 1⁄2"	.444 to .560	100
78101119991	**BXL-1519**	5⁄16" - 1⁄2"	.500 to .718	100
78101119992	**BXL-2024**	5⁄16" - 1⁄2"	.748 to .945	100
78101119993	**BXL-2530**	5⁄16" - 1⁄2"	.968 to 1.250	100
78101119955	**BFA-1215**	1⁄2" - 5⁄8"	–	100
78101119956	**BFA-1520**	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 18, 18C, 20, & 20C



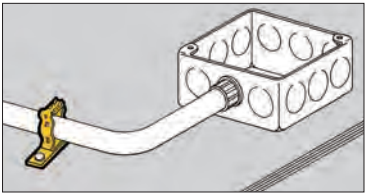
BCS 12AS & 16AS

- 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.
Conduit Spacer			
78205122356	**BCS-8**	½" Rigid Conduit	50
78205140057	**BES-8**	½" EMT Conduit	50
78205122357	**BCS-12**	¾" Rigid Conduit	50
78205140058	**BES-12**	¾" EMT Conduit	50
78205122358	**BCS-16**	1" Rigid Conduit	50
78205140059	**BES-16**	1" EMT Conduit	50
79903855806	**BCS-18**	1½" Rigid Conduit	25
79903855807	**BCS-20**	2" Rigid Conduit	25
Conduit Cap			
78205122359	**BCS-8C**	½" Rigid Conduit	50
78205140060	**BES-8C**	½" EMT Conduit	50
78205122361	**BCS-12C**	¾" Rigid Conduit	50
78205140061	**BES-12C**	¾" EMT Conduit	50
78205122362	**BCS-16C**	1" Rigid Conduit	50
78205140062	**BES-16C**	1" EMT Conduit	50
79903855803	**BCS-18C**	1½" Rigid Conduit	25
79903855805	**BCS-20C**	2" Rigid Conduit	25
Conduit Spacer			
79903855808	**BCS-12AS**	¾" Rigid Conduit	50
79903855809	**BCS-16AS**	1" Rigid Conduit	25

Patent #5896892

Read safety/installation instruction sheets in packages before use.



- Helps eliminate the need for offset bends when used with 1½" deep boxes.
- Attaches conduit to concrete, steel or wood with nails.
- May be attached after conduit positioning.

Conduit Spacer Brackets

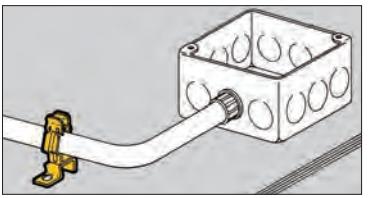


BG



BP

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101118495 Patent # 4958792	**BG-8-12-D3**	½" or ¾"	100
78101119265	**BP-8-D3**	½" EMT	100
78101118365	**BP-12-D3**	¾" EMT or ½" IMC, Rigid	100



- Helps eliminate the need for offset bends when used with 2⅛" 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



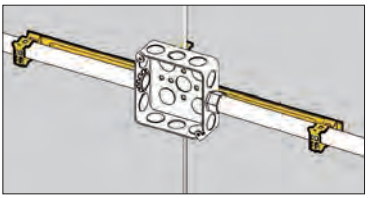
BG



BP

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101118500 Patent # 4958792	**BG-8-12-D4**	½" or ¾"	100
78101119270	**BP-8-D4**	½" EMT	100
78101119370	**BP-12-D4**	¾" EMT or ½" IMC, Rigid	100
78101119460	**BP-16-D4**	1" EMT or ¾" IMC, Rigid	100

Read safety/installation instruction sheets in packages before use.



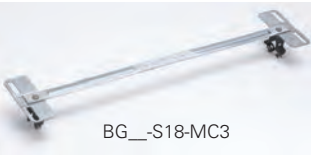
Guide-Rite™ Conduit & Box Support Fasteners

- 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.



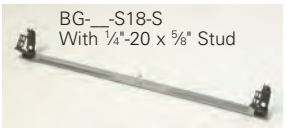
BG__-S18



BG__-S18-MC3

UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Box Qty.
78101103575	**BG6-S18 ***	⅜"	25
78101103573	**BG812-S18**	½" or ¾"	25
78101103574	**BG16-S18**	1"	25
With Multiple Conduit Plate			
78205152812	**BG6-S18-MC3 ***	⅜"	25
78205152900	**BG812-S18-MC3**	½" or ¾"	25
78205152901	**BG16-S18-MC3**	1"	25

Patent # 4958792



BG-__-S18-S
With ¼"-20 x ⅝" Stud



BG-__-S18-S-MC3
With ¼"-20 x ⅝" Stud

With Stud			
78205152902	**BG6-S18S ***	⅜"	25
78110104979	**BG812-S18S**	½" or ¾"	25
78205152903	**BG16-S18S**	1"	25
With Stud & Multiple Conduit Plate			
78205152904	**BG6-S18S-MC3 ***	⅜"	25
78205152905	**BG812-S18S-MC3**	½" or ¾"	25
78205152906	**BG16-S18S-MC3**	1"	25

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5/16" or ⅜" flexible conduit

Read safety/installation instruction sheets in packages before use.

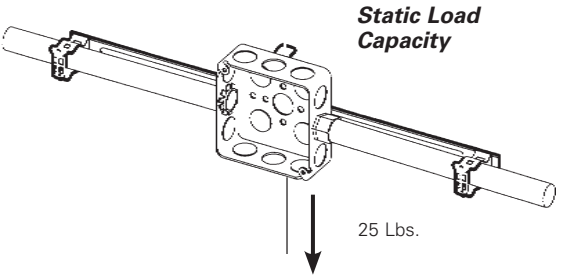


BG__-S18-W_



BG__-S18-W_-MC3

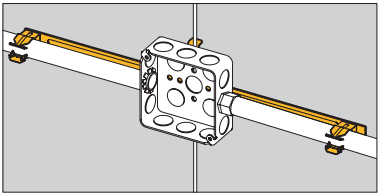
UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Box Qty.
W2 Series for #12 thru ¼" Rod **			
78101103578	**BG6-S18-W2 ***	⅜"	25
78101103577	**BG812-S18-W2**	½" or ¾"	25
78101103577	**BG16-S18-W2**	1"	25
W2 Series for #12 thru ¼" Rod & Multiple Conduit Plate **			
78205152855	**BG6-S18-W2-MC3 ***	⅜"	25
78205152739	**BG812-S18-W2-MC3**	½" or ¾"	25
78205152862	**BG16-S18-W2-MC3**	1"	25
W6 Series for ⅜" Plain or Threaded Rod **			
78110199581	**BG6-S18-W6 ***	⅜"	25
78110199582	**BG812-S18-W6**	½" or ¾"	25
78110199580	**BG16-S18-W6**	1"	25
W6 Series for ⅜" Plain or Threaded Rod & Multiple Conduit Plate **			
78205152856	**BG6-S18-W6-MC3 ***	⅜"	25
78205152860	**BG812-S18-W6-MC3**	½" or ¾"	25
78205152864	**BG16-S18-W6-MC3**	1"	25



* BG-6 will accept the following range ∅.420 - ∅.675:
14/2 thru 10/4 MC/AC cable and 5⁄16" or ⅜" 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.

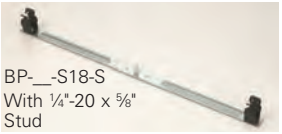


BP__-S18



BP__-S18-MC3

UPC/Part Number	Catalog Number	Conduit Size E(EMT) R(Rigid)	Box Qty.
78205123604	**BP8-S18**	½" E	25
78205123605	**BP12-S18**	¾" E or ½" R	25
78205123606	**BP16-S18**	1"E, ¾" R	25
With Multiple Conduit Plate			
78205152907	**BP8-S18-MC3**	½" E	25
78205152908	**BP12-S18-MC3**	¾" E or ½" R	25
78205152909	**BP16-S18-MC3**	1"E, ¾" R	25



BP-__-S18-S
With ¼"-20 x ⅝"
Stud



BP-__-S18-S-MC3
With ¼"-20 x ⅝"
Stud

With Stud			
78205123631	**BP8-S18S**	½" E	25
78205123633	**BP12-S18S**	¾" E or ½" R	25
78205123634	**BP16-S18S**	1"E, ¾" R	25
With Stud & Multiple Conduit Plate			
78205152913	**BP8-S18S-MC3**	½" E	25
78205152914	**BP12-S18S-MC3**	¾" E or ½" R	25
78205152915	**BP16-S18S-MC3**	1"E, ¾" R	25

Read safety/installation instruction sheets in packages before use.

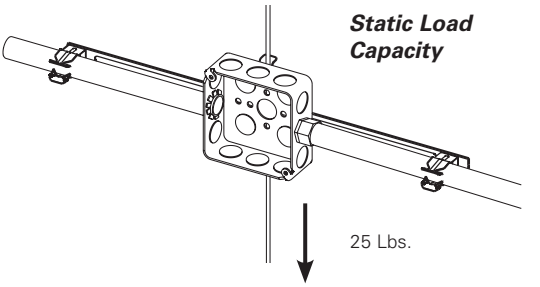


BG__-S18-W_



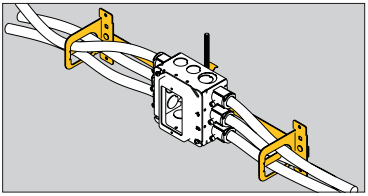
BG__-S18-W_-MC3

UPC/Part Number	Catalog Number	Conduit Size E(EMT) R(Rigid)	Box Qty.
W2 Series for #12 thru ¼" Rod **			
78205123615	**BP8-S18-W2**	½" EMT	25
78205123619	**BP12-S18-W2**	¾" E or ½" R	25
78205123627	**BP16-S18-W2**	1"E, ¾" R	25
W2 Series for #12 thru ¼" Rod & Multiple Conduit Plate **			
78205152847	**BP8-S18-W2-MC3**	½" EMT	25
78205152848	**BP12-S18-W2-MC3**	¾" E or ½" R	25
78205152849	**BP16-S18-W2-MC3**	1"E, ¾" R	25
W6 Series for ⅜" Plain or Threaded Rod **			
78205123628	**BP8-S18-W6**	½" EMT	25
78205123629	**BP12-S18-W6**	¾" E or ½" R	25
78205123630	**BP16-S18-W6**	1"E, ¾" R	25
W6 Series for ⅜" Plain or Threaded Rod & Multiple Conduit Plate **			
78205152850	**BP8-S18-W6-MC3**	½" EMT	25
78205152851	**BP12-S18-W6-MC3**	¾" E or ½" R	25
78205152854	**BP16-S18-W6-MC3**	1"E, ¾" 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

- 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 retension tab is open for easy loading and contains the cables when bent in place.
- Consult factory for pre-fab box assemblies.



BRC5_-S18

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



BRC5_-S18-S
With ¼"-20 x ⅝" Stud

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
With Stud			
78205152919	**BRC51-S18S**	Up to 4 runs .430" - .560"	25
78205152921	**BRC53-S18S**	Up to 7 runs .560" - .690"	25

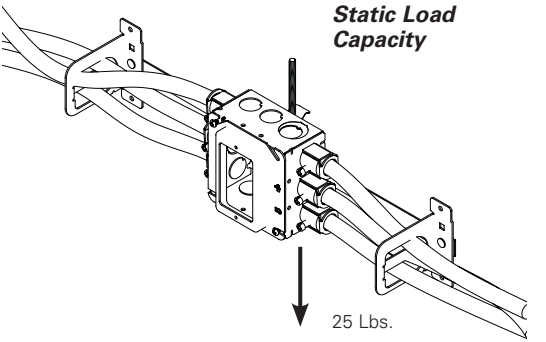
Read safety/installation instruction sheets in packages before use.



BRC5_-S18-W_

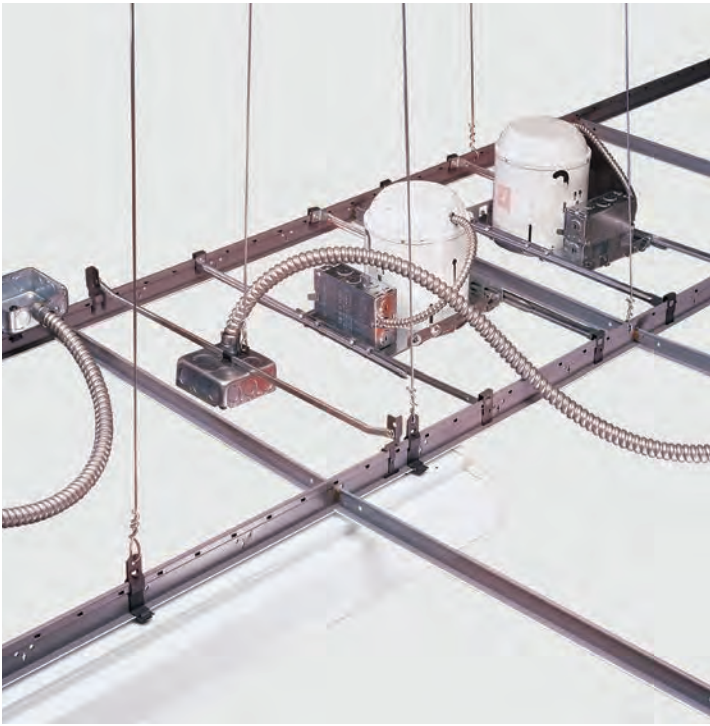
UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
W2 Series for #12 thru ¼" Rod **			
78205152865	**BRC51-S18-W2**	Up to 4 runs .430" - .560"	25
78205152869	**BRC53-S18-W2**	Up to 7 runs .560" - .690"	25

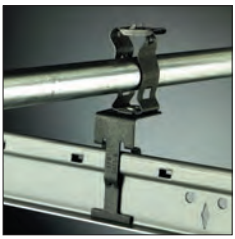
UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
W6 Series for ⅜" Plain or Threaded Rod **			
78205152866	**BRC51-S18-W6**	Up to 4 runs .430" - .560"	25
78205152870	**BRC53-S18-W6**	Up to 7 runs .560" - .690"	25



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

Read safety/installation instruction sheets in packages before use.



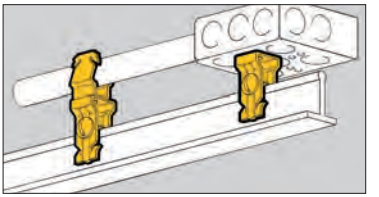








Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

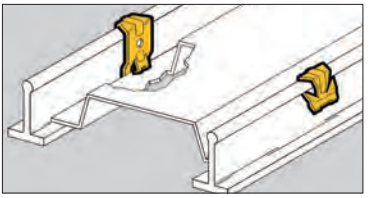


- Attaches to top of acoustical T-Bar with ¼"-20 screw.
- Has ¼"-20 thread impression for attachment to box or conduit fastener.
- **WARNING** Do not use for hanging acoustical tee.

T-Bar Support Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101118090	**BA14**	T-Bar Support Clip	100



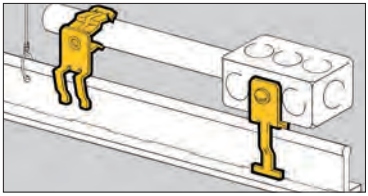
- Gives positive support for troffers and lay-in fixtures.
- Complies with NEC Article 410.16(C) for fixtures supported by suspended ceilings.
- Fits rectangular or round head T-Bars.
- Commonly known as "Hurricane Clip".

Troffer Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101118095	**BA15**	For Straight Lip or Upturned Lip Fixtures	100
78205118209	**BA15W**	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.



- 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.

Side Mount T-Bar Fasteners



BA5-4T

UPC/Part Number	Catalog Number	Description	Box Qty.
78101118095	**BA5-4T**	With ¼"-20 Thread Impression	100



BG Series



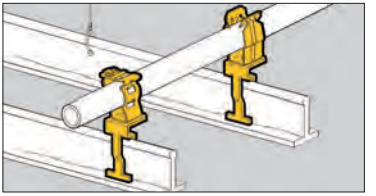
BP Series

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101118410	**BG-6-A5** *	⅜"	100
78101118465	**BG-8-12-A5**	½", ¾"	100
78101118545	**BG-16-A5**	1"	100
Patent #4958792			
78101119235	**BP-8-A5**	½" EMT	100
78101119335	**BP-12-A5**	¾" EMT ½" IMC, Rigid	100
78101118545	**BP-16-A5**	1"EMT ¾" IMC, Rigid	100

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5⁄16" or ⅜" 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	**BA6-4T**	With ¼"-20 Thread Impression	100



BG Series

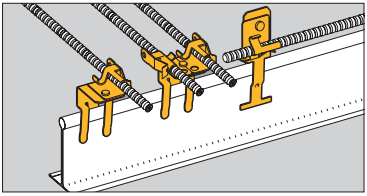


BP Series

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101188540	**BG-6-A6** *	⅜"	100
78101118470	**BG-8-12-A6**	½", ¾"	100
78101118550	**BG-16-A6**	1"	100
Patent #4958792			
78101119240	**BP-8-A6**	½" EMT	100
78101119340	**BP-12-A6**	¾" EMT ½" IMC, Rigid	100
78101119435	**BP-16-A6**	1"EMT ¾" IMC, Rigid	100

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/ AC cable and 5/16" or ⅜" 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 ⅜" FMC.

Top Mount T-Bar Fasteners



BX4-A6



BX4M-A6

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101220	**BX4-A6**	Single Runs	100
78101101216	**BX4M-A6**	Double Runs	100

Note: Fasteners will rotate 360°.



BX4-A5



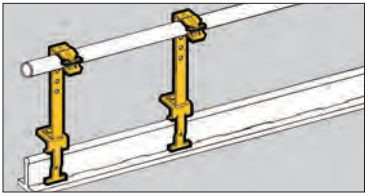
BX4M-A5

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101187	**BX4-A5**	Single Runs	100
78101101211	**BX4M-A5**	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	**BA28**	½" Holes Allow for Adjustment Between 4¼" and 7¼" at ¾" Increments	50
78101101211	**BX4M-A28**	Double Runs MC. AC, or FMC	25

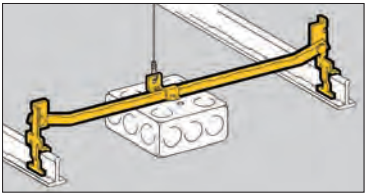


BP-12-A28

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

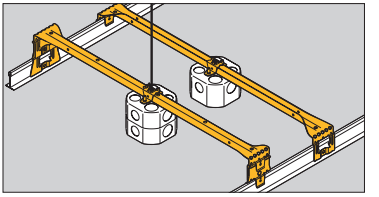
UPC/Part Number	Catalog Number	Description	Box Qty.
78101118080	**BA12**	Box Hanger 24" Span	50
78101118082	**BA12-12**	Box Hanger 12" Span	50
78101118085	**BA12-20**	Box Hanger 20" Span	50
78101118087	**BA12-30**	Box Hanger 30" Span	50



UPC/Part Number	Catalog Number	Description	Box Qty.
78101118170	**BB27**	Box Mounting Clip (with Screw)	100
78101101673	**SRHMS ¼ x ⅜**	¼"-20 x ⅜" Slotted Round Head Machine 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

- 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 BA5OF.



BA50 & BA50CAN



BA50D & BA50DCAN



BA50E

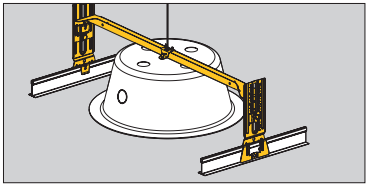


BA50C3T & BA50C4T

UPC/Part Number	Catalog Number	Description	Box Qty.
78101196490	**BA50**	Box Hanger	25
78205135905	**BA50CAN** *	Box Hanger	25
78101196491	**BA50D**	Box Hanger for Box w/ 1½" Extension	25
78205135906	**BA50DCAN** *	Box Hanger Box w/ 1½" Extension	25
78205136570	**BA50C4T**	Box Mounting Clip with Hardware	25
78205136571	**BA50C3T** *	Box Mounting Clip with Hardware	25
78101196489	**BA50E**	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.



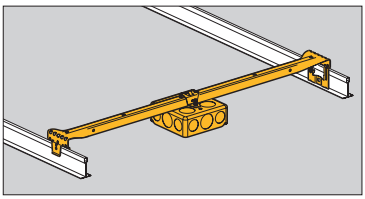
- Adjustable box support for suspended ceilings.
- Accomodates heights up to 8¾".
- Integral ruler enables height adjustments without measuring.

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	**BA50A**	Adjustable Box Hanger T-Bar	10



Electrical Box T-Bar Fasteners

- 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



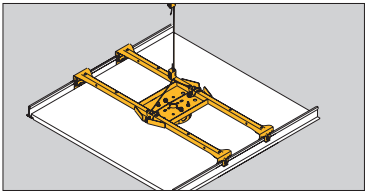
BA50-OB



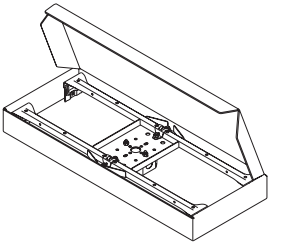
BA50-SB

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

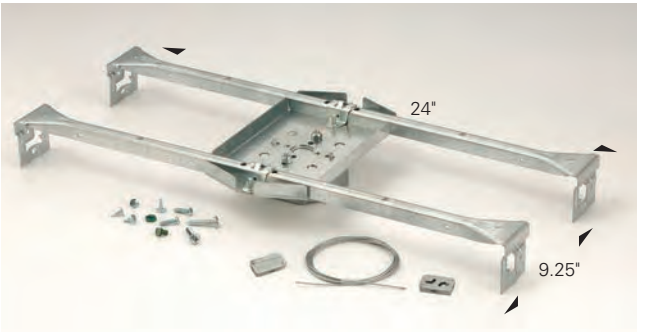


RediMount Fan Hanger



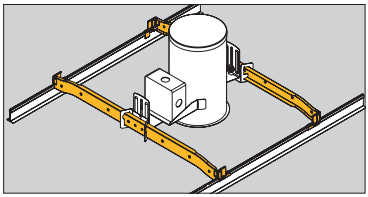
- Redi-mount™ features pre-assembled fan/ fixture hanger installs on T-Bar in less than 30 seconds.
- Positions and secures fans and fixtures in suspended ceilings.
- Includes KwikWire™ cable and clamps which attach to mounting clips for easy installation.
- Recommended for use in seismic areas.
- UL 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

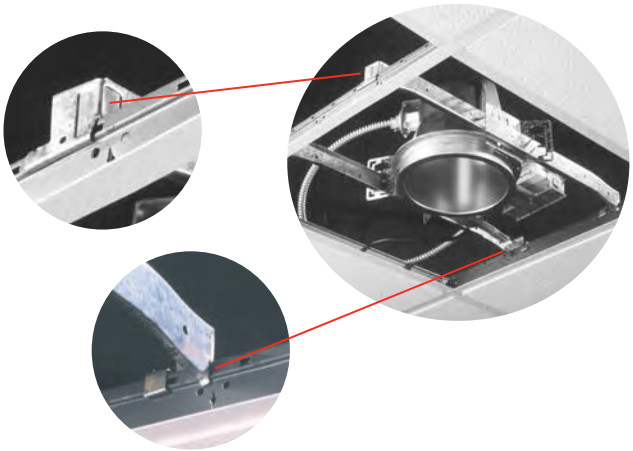
- New QuikFix™ Fastening System mounts spec grade downlights 50% faster than "wire bound" installation methods.
- QuikFix System is pre-sized for 24" spacing.
- No tools required.
- Recommended for use in seismic areas.
- UL listed for fixture support up to 50 lbs.



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

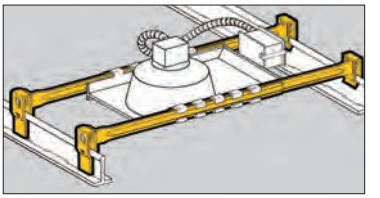
Patent # 6286265

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



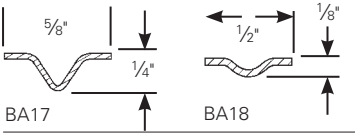
Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

Acoustical tee



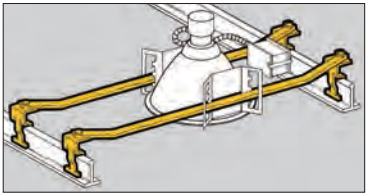
Light Fixture T-Bar Fasteners

- 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).





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



Light Fixture T-Bar Fasteners

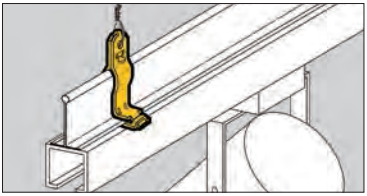
- Fixture position is adjustable within the span of the hanger.
- Fixed span of 24 inches for T-Bar applications.
- Requires only a screwdriver to install.
- One set completes one fixture installation (four bars per set).



UPC/Part Number	Catalog Number	"High Hat" Fixtures	Box Qty.
78101118110	**BA20** (Wide Bar)	Fits LIGHTOLIER®† CALCULITE®† 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 ¼"-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	**BA1**	15/16"	¼"-20 x ⅝"	100
78101118070	**BA1-24**	15/16"	¼"-20 x 1½"	100
78101118075	**BA1-32**	15/16"	¼"-20 x 2"	100
78101102891	**BA1-T**	15/16"	#8-32 x ⅝" with Pal Nut	100
78101102897	**BA1-T-BN**	15/16"	#8-32 x ⅝" with Brass Nut	100



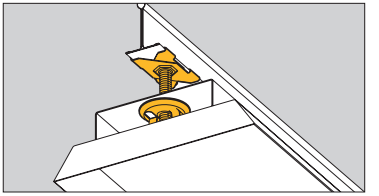
BA1-9



BA1-95

UPC/Part Number	Catalog Number	T-Bar Size	Stud Size	Box Qty.
78205125585	**BA1-9**	9/16"	¼"-20 x ⅝"	100
78205125587	**BA1-95**	9/16"	¼"-20 x ⅝"	100

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

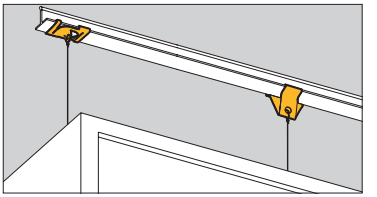


- Supports electrical fixtures from standard 15/16" T-Bars.
- BA-4-WN wing nut included.
- 1/4"-20 stud available in varying lengths.
- Static Load Capacity: 50 Lbs.

T-Bar Scissor Fasteners



UPC/Part Number	Catalog Number	Stud Length	Box Qty.
78101104258	**BAX-4-16**	5/8"	100
78101104262	**BAX-4-16-24**	1 1/2"	100
78101104263	**BAX-4-16-32**	2"	100
78101104264	**BAX-4-16-48**	3"	100



- BA-4-16-H supports signs from 15/16" T-Bar.
- BA-4-16-H1 supports signs from 9/16" or 15/16" T-Bar.
- Static Load Capacity: 40 Lbs.

Sign Hangers



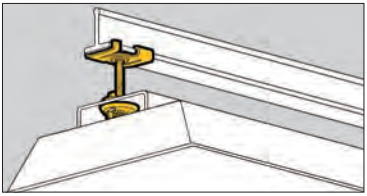
BA-4-16-H



BA-4-16-H1

UPC/Part Number	Catalog Number	Stud Length	Box Qty.
78101118040	**BA-4-16-H**	Sign Hanger with White Finish	100
78101104449	**BA-4-16-H1**	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

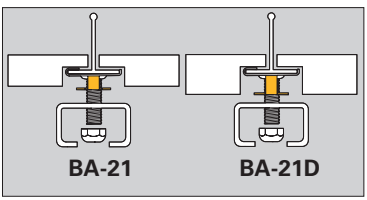
- Supports electrical fixtures from 15⁄16" T-Bar.
- 1⁄4"-20 stud available in varying lengths.
- Includes BA-4-WN wing nut with impression.
- Static Load Capacity:
  BA4-16 Series
  = 50 lbs.
  BA4-WN Series
  = 100 lbs.





BA-4-WN

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



T-Bar Spacers

- 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



BA-21

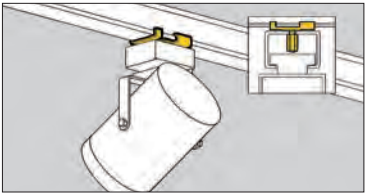


BA-21D

UPC/Part Number	Catalog Number	Description	Box Qty.
78101195575	**BA-21**	1⁄4" Spacer	100
78101199567	**BA-21D**	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 15⁄16" T-Bar.
- #8-32 stud available in varying lengths.
- Static Load Capacity: 25 Lbs.

15⁄16" Twist Fasteners

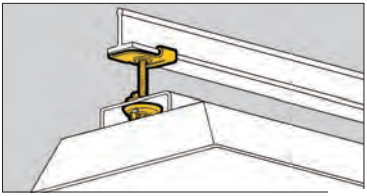


UPC/Part Number	Catalog Number	Finish	Stud Length	Box Qty.
78101118000	**BA-2-16**	Black with Pal Nut	5⁄8"	100
78101104259	**BA-2-16-7**	Black with Pal Nut	7⁄16"	100
78101118010	**BA-2-16-W**	White with Pal Nut	5⁄8"	100
78101104261	**BA-2-16-7-W**	White with Pal Nut	7⁄16"	100



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

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

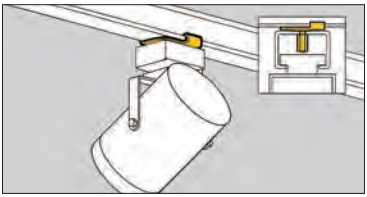


- Supports electrical fixtures from 9⁄16" T-Bar.
- Stud size: 1⁄4"-20 x 5⁄8".
- Static Load Capacity: 40 Lbs.

9⁄16" Twist Fasteners



UPC/Part Number	Catalog Number	Finish	Stud Length	Box Qty.
78101103458	**BA-4-9**	Black	5⁄8"	100
78101103461	**BA-4-9-W**	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

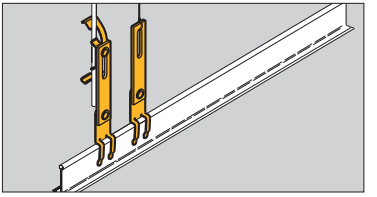
BA-2-9 Series with Pal Nut



BA-2-9-BN Series with Brass Nut

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

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



- 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	**BA311**	#12 thru #8 Wire	100
78101199570	**BA311-W2**	#12 thru ¼" Plain or	100
78101199571	**BA311-W6**	⅜" 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	**BA-SFC**	Seismic Fixture Clamp attaches one standard 2′ x 4′ light fixture to T-Bar ceiling	25 sets (4 clamps) per set)
78205145912	**BA-SFC-E***	For attachment of two standard 2′ x 4′ light fixtures end-to-end onto T-Bar ceiling	25 sets (4 clamps) per set)
78205145913	**BA-SFC-S***	For attachment of two standard 2′ x 4′ light fixtures side-by-side onto T-Bar ceiling	25 sets (4 clamps) per set)
78205145914	**BA-SFC-CF***	For attachment of standard 2′ x 2′ light fixtures onto T-Bar	50 sets (2 clamps) per set)
78205145915	**BA-SFC-CFS**	Seismic Fixture Clamp for reinforcement of main runner connection points	50 sets (2 clamps) per set)

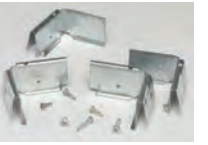
* BASFC is required to complete installation.

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

Seismic Fixture Clamps cont.



BA-SFC



BA-SFC-E



BA-SFC-S

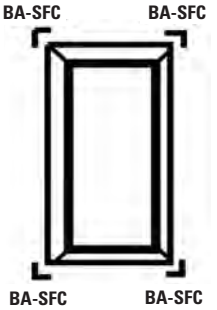


BA-SFC-CF



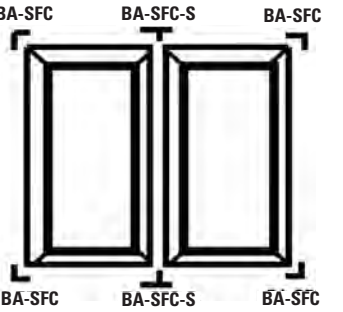
BA-SFC-CFS

Single Fixture Installation



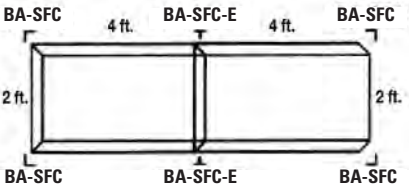
Parts Required:
1 pc. BA-SFC Installation Kit

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.



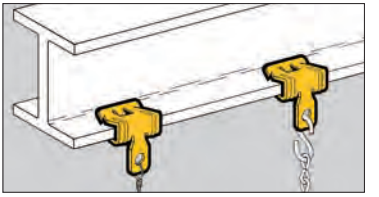








Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.



- Permits fast and easy installation on bulb tees and beams.
- Clearance hole for ¼" bolt in tab.
- Simply installed with a hammer.

Flange Beam Fasteners



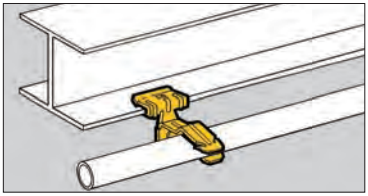
UPC/Part Number	Catalog Number	Flange Thickness	Static Load Cap.	Box Qty.
78101118290	**BE-1-2**	3/32" - 9/64"	160 lbs.	100



BE-2-4

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

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



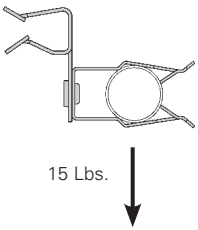
- Quickly attaches conduit to beams.
- Fasteners will rotate 360°.
- Simply installed with a hammer.

Push-Type Conduit To Beam Fasteners

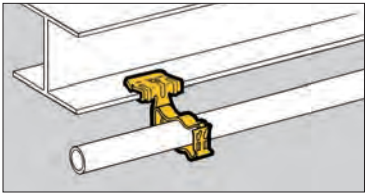


UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101119275	**BP-8-E-2-4**	½" EMT	⅛" - ¼"	100
78101119280	**BP-8-E-5-8**	½" EMT	5⁄16" - ½"	100
78101119285	**BP-8-E-9-12**	½" EMT	9⁄16" - ¾"	100
78101119375	**BP-12-E-2-4**	½" EMT ½" IMC, Rigid	⅛" - ¼"	100
78101119380	**BP-12-E-5-8**	½" EMT ½" IMC, Rigid	5⁄16" - ½"	100
78101119385	**BP-12-E-9-12**	½" EMT ½" IMC, Rigid	9⁄16" - ¾"	100
78101119465	**BP-16-E-2-4**	1" EMT ¾" IMC, Rigid	⅛" - ¼"	100
78101119470	**BP-16-E-5-8**	1" EMT ¾" IMC, Rigid	5⁄16" - ½"	100
78101119475	**BP-16-E-9-12**	1" EMT ¾" IMC, Rigid	9⁄16" - ¾"	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

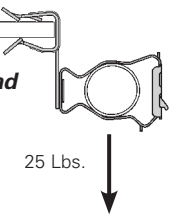


UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101118430	**BG-6-E-2-4***	⅜"	⅛" - ¼"	100
78101118435	**BG-6-E-5-8***	⅜"	5⁄16" - ½"	100
78101118440	**BG-6-E-9-12***	⅜"	9⁄16" - ¾"	100
78101118505	**BG-8-12-E-2-4**	½", ¾"	⅛" - ¼"	100
78101118510	**BG-8-12-E-5-8**	½", ¾"	5⁄16" - ½"	100
78101118515	**BG-8-12-E-9-12**	½", ¾"	9⁄16" - ¾"	100
78101118575	**BG-16-E-2-4**	1"	⅛" - ¼"	100
78101118580	**BG-16-E-5-8**	1"	5⁄16" - ½"	100
78101118585	**BG-16-E-9-12**	1"	9⁄16" - ¾"	100
78101118660	**BG-20-E-2-4**	1¼"	⅛" - ¼"	100
78101118665	**BG-20-E-5-8**	1¼"	5⁄16" - ½"	100
78101118670	**BG-20-E-9-12**	1¼"	9⁄16" - ¾"	100
78101118705	**BG-24-E-2-4**	1½"	⅛" - ¼"	50
78101118710	**BG-24-E-5-8**	1½"	5⁄16" - ½"	50
78101118715	**BG-24-E-9-12**	1½"	9⁄16" - ¾"	50
78101118745	**BG-32-E-2-4**	2"	⅛" - ¼"	50
78101118750	**BG-32-E-5-8**	2"	5⁄16" - ½"	50
78101118755	**BG-32-E-9-12**	2"	9⁄16" - ¾"	50

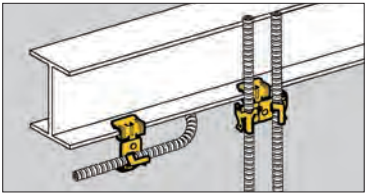
Patent #4958792

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5⁄16" or ⅜" flexible conduit

Static Load Capacity



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 ⅜" FMC to beam flanges ⅛" to ¾" thick.
- Fasteners will rotate 360°.
- Simply installed with a hammer.

Cable To Beam Fasteners

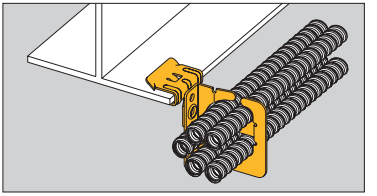


UPC/Part Number	Catalog Number	Types Of Runs	Flange Thickness	Box Qty.
78101101192	**BX4-E-2-4**	Single	⅛" - ¼"	100
78101101193	**BX4-E-5-8**	Single	5⁄16" - ½"	100
78101101194	**BX4-E-9-12**	Single	9⁄16" - ¾"	100



UPC/Part Number	Catalog Number	Types Of Runs	Flange Thickness	Box Qty.
78101101213	**BX4M-E-2-4**	Double	⅛" - ¼"	100
78101101214	**BX4M-E-5-8**	Double	5⁄16" - ½"	100
78101101215	**BX4M-E-9-12**	Double	5⁄16" - ¾"	100

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



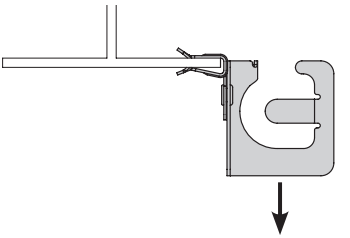
MC/AC Cable Carrier to Beam Fastener

- 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.



BRC5-2-E24

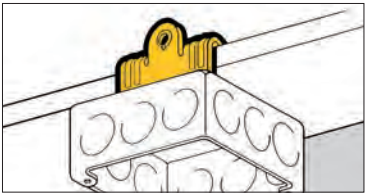
UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78205144093	**BRC51-E12**	3/32" - 9/64"	25
78205144096	**BRC51-E24**	1/8" - 1/4"	25
78205144099	**BRC51-E58**	5/16" - 1/2"	25
78205144102	**BRC51-E912**	9/16" - 3/4"	25
78205144094	**BRC52-E12**	3/32" - 9/64"	25
78205144097	**BRC52-E24**	1/8" - 1/4"	25
78205144100	**BRC52-E58**	5/16" - 1/2"	25
78205144103	**BRC52-E912**	9/16" - 3/4"	25
78205144095	**BRC53-E12**	3/32" - 9/64"	25
78205144098	**BRC53-E24**	1/8" - 1/4"	25
78205144101	**BRC53-E58**	5/16" - 1/2"	25
78205144104	**BRC53-E912**	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 ⅛" to ¾" thick.
- Provided with ¼"-20 thread impression for quick and secure attachment.
- Simply installed with a hammer.

Universal Beam Fasteners

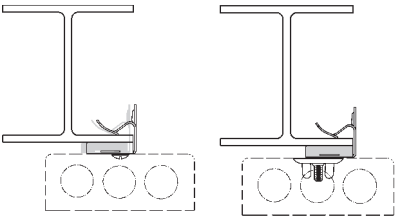


UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101119600	**BU-2-4**	⅛" - ¼"	100
78101119605	**BU-5-8**	5⁄16" - ½"	100
78101119610	**BU-9-12**	9⁄16" - ¾"	100

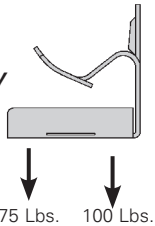


20 x ⅜"
ked Stud

UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101119615	**BU-2-4-S**	⅛" - ¼"	100
78101119620	**BU-5-8-S**	5⁄16" - ½"	100
78101119625	**BU-9-12-S**	9⁄16" - ¾"	100

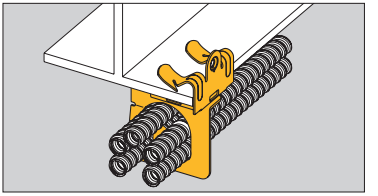


Static Load Capacity



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.

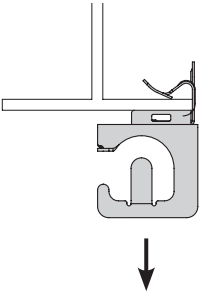


MC/AC Cable Carrier to Beam Fastener

- 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.



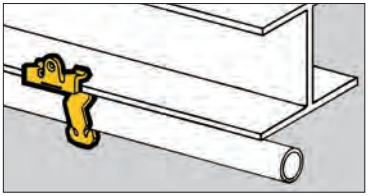
UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78205144066	**BRC51-U24**	1/8" - 1/4"	25
78205144069	**BRC51-U58**	5/16" - 1/2"	25
78205144072	**BRC51-U912**	9/16" - 3/4"	25
78205144067	**BRC52-U24**	1/8" - 1/4"	25
78205144070	**BRC52-U58**	5/16" - 1/2"	25
78205144073	**BRC52-U912**	9/16" -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



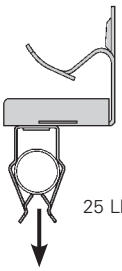
- Quickly attaches conduit to beams.
- Fasteners will rotate 360°.
- Simply installed with a hammer.

Push-Type Conduit To Beam Fasteners

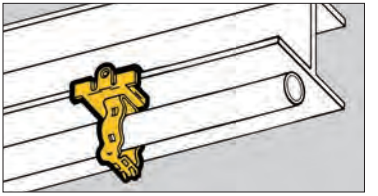


UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101119310	**BP-8-U-2-4**	½" EMT	⅛" - ¼"	100
78101119315	**BP-8-U-5-8**	½" EMT	5⁄16" - ½"	100
78101119320	**BP-8-U-9-12**	½" EMT	9⁄16" - ¾"	100
78101119405	**BP-12-U-2-4**	¾" EMT ½" IMC, Rigid	⅛" - ¼"	100
78101119410	**BP-12-U-5-8**	¾" EMT ½" IMC, Rigid	5⁄16" - ½"	100
78101119415	**BP-12-U-9-12**	¾" EMT ½" IMC, Rigid	9⁄16" - ¾"	100
78101119490	**BP-16-U-2-4**	1" EMT ¾" IMC, Rigid	⅛" - ¼"	100
78101119495	**BP-16-U-5-8**	1" EMT ¾" IMC, Rigid	5⁄16" - ½"	100
78101119500	**BP-16-U-9-12**	1" EMT ¾" IMC, Rigid	9⁄16" - ¾"	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	**BG-6-U-2-4***	3/8"	1/8" - 1/4"	100
78101118455	**BG-6-U-5-8***	3/8"	5/16" - 1/2"	100
78101118460	**BG-6-U-9-12***	3/8"	9/16" - 3/4"	100
78101118525	**BG-8-12-U-2-4**	1/2", 3/4"	1/8" - 1/4"	100
78101118530	**BG-8-12-U-5-8**	1/2", 3/4"	5/16" - 1/2"	100
78101118535	**BG-8-12-U-9-12**	1/2", 3/4"	9/16" - 3/4"	100
78101118625	**BG-16-U-2-4**	1"	1/8" - 1/4"	100
78101118630	**BG-16-U-5-8**	1"	5/16" - 1/2"	100
78101118635	**BG-16-U-9-12**	1"	9/16" - 3/4"	100
78101118680	**BG-20-U-2-4**	1 1/4"	1/8" - 1/4"	100
78101118685	**BG-20-U-5-8**	1 1/4"	5/16" - 1/2"	100
78101118690	**BG-20-U-9-12**	1 1/4"	9/16" - 3/4"	100
78101118720	**BG-24-U-2-4**	1 1/2"	1/8" - 1/4"	50
78101118725	**BG-24-U-5-8**	1 1/2"	5/16" - 1/2"	50
78101118730	**BG-24-U-9-12**	1 1/2"	9/16" - 3/4"	50
78101118760	**BG-32-U-2-4**	2"	1/8" - 1/4"	50
78101118765	**BG-32-U-5-8**	2"	5/16" - 1/2"	50
78101118770	**BG-32-U-9-12**	2"	9/16" - 3/4"	50

Patent #4958792

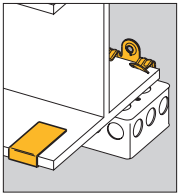
* BG-6 will accept the following range ∅.420 - ∅.675: 14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit



Static Load Capacity

75 Lbs.

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.
- Suspends threaded rod from beam flanges.
- 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.

Beam Fasteners With Anchor Straps



Static Load Capacity
75 Lbs.

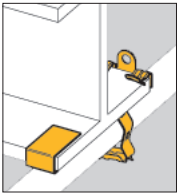
UPC/Part Number	Catalog Number	Stud Size	Flange Thickness	Box Qty.
78101104942	**BU-2-4-S-AS**	1/4"-20 x 3/8"	1/8" - 1/4"	50
78101104943	**BU-5-8-S-AS**	1/4"-20 x 3/8"	5/16" - 1/2"	50
78101104944	**BU-9-12-S-AS**	1/4"-20 x 3/8"	9/16" - 3/4"	50

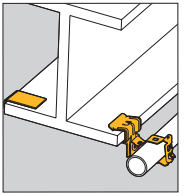


Static Load Capacity
160 Lbs.

UPC/Part Number	Catalog Number	Threaded Rod Size	Flange Thickness	Box Qty.
78101104948	**BH4-E-2-4-AS**	1/4"-20	1/8" - 1/4"	50
78101104949	**BH4-E-5-8-AS**	1/4"-20	5/16" - 1/2"	50
78101104950	**BH4-E-9-12-AS**	1/4"-20	9/16" - 3/4"	50
78101104951	**BH6-E-2-4-AS**	3/8"-16	1/8" - 1/4"	50
78101104952	**BH6-E-5-8-AS**	3/8"-16	5/16" - 1/2"	50
78101104953	**BH6-E-9-12-AS**	3/8"-16	9/16" - 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 ⅛" to ¼" thick flanges.
- 13" anchor straps are provided for 5/16" to ¾" thick flanges.

Conduit To Beam Fasteners With Anchor Straps



Static Load Capacity
75 Lbs.

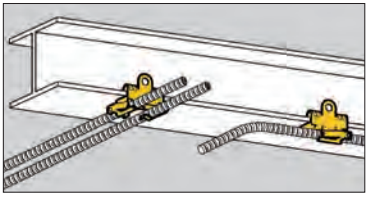
UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101104966	**BG-8-12-U-2-4-AS**	½", ¾"	⅛" - ¼"	50
78101104967	**BG-8-12-U-5-8-AS**	½", ¾"	5/16" - ½"	50
78101104968	**BG-8-12-U-9-12-AS**	½", ¾"	9/16" - ¾"	50
78101104969	**BG-16-U-2-4-AS**	1"	⅛" - ¼"	50
78101104970	**BG-16-U-5-8-AS**	1"	5/16" - ½"	50
78101104971	**BG-16-U-9-12-AS**	1"	9/16" - ¾"	50



Static Load Capacity
25 Lbs.

UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101104972	**BG-8-12-E-2-4-AS**	½", ¾"	⅛" - ¼"	50
78101104973	**BG-8-12-E-5-8-AS**	½", ¾"	5/16" - ½"	50
78101104974	**BG-8-12-E-9-12-AS**	½", ¾"	9/16" - ¾"	50
78101104975	**BG-16-E-2-4-AS**	1"	⅛" - ¼"	50
78101104976	**BG-16-E-5-8-AS**	1"	5/16" - ½"	50
78101104977	**BG-16-E-9-12-AS**	1"	9/16" - ¾"	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 ⅜" FMC to flanges ⅛" to ¾" thick.
- Fasteners will rotate 360°.

Cable To Beam Fasteners

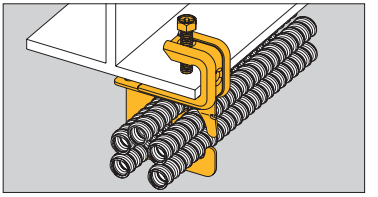


UPC/Part Number	Catalog Number	Description	Flange Thickness	Box Qty.
78101101197	**BX4-U-2-4**	Single Runs	⅛" - ¼"	100
78101101198	**BX4-U-5-8**	Single Runs	5⁄16" - ½"	100
78101101199	**BX4-U-9-12**	Single Runs	9⁄16" - ¾"	100



UPC/Part Number	Catalog Number	Description	Flange Thickness	Box Qty.
78101101206	**BX4M-U-2-4**	Double Runs	⅛" - ¼"	100
78101101207	**BX4M-U-5-8**	Double Runs	5⁄16" - ½"	100
78101101208	**BX4M-U-9-12**	Double Runs	9⁄16" - ¾"	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 ⅛" thru ⅝" thick.
- Load Capacity: 50 lbs.

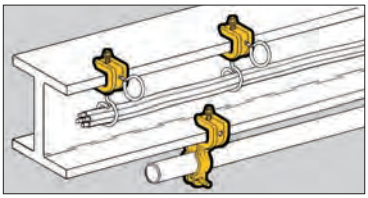
MC/AC Cable Carrier to Beam Fastener



BRC5-1-C442

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

Read safety/installation instruction sheets in packages before use.



- BC442 fits beam flanges ⅛" to ⅝". BC442-6 fits beam flanges up to ¾".
- Finish: Zinc Plated.
- Static Load Capacity: BC442 = 100 Lbs. BC442-6 = 200 Lbs.

Beam Fasteners

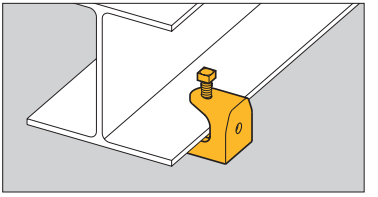


UPC/Part Number	Catalog Number	Description	Box Qty.
78101118278	**BC442**	Accepts ¼"-20 Threaded Rod or ¼"-20 Threaded Bridle Rings	50
78101104283	**BC442-6**	Accepts ⅜"-16 Threaded Rod	25



UPC/Part Number	Catalog Number	Conduit Size Rigid	Conduit Size EMT	Box Qty.
78101119850	**BL1400-C442**	½"	½"	50
78101119851	**BL1410-C442**	¾"	¾"	50
78101119852	**BL1420-C442**	1"	1"	50
78101119853	**BL1425-C442**	--	1¼"	50
78101119854	**BL1430-C442**	1¼"	1½"	50
78101119855	**BL1440-C442**	1½"	--	25
78101119856	**BL1450-C442**	2"	2"	25

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

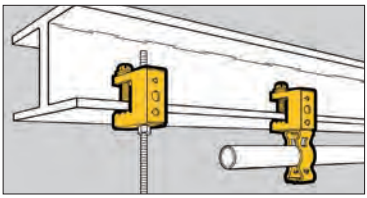


- Can be used with ¼"-20 and ⅜"-16 threaded rod or bridle rings.
- Fits beam flanges through ½" thick.
- Safety Factor of 5.
- Finish: Zinc-Plated.

Beam Fasteners



UPC/Part Number	Catalog Number	Rod Size	Static Load Cap.	Box Qty.
78101155333	**B444-¼**	¼"-20	150 lbs.	50
78101155333	**B444-5/16**	5/16"-18	150 lbs.	50
78101155333	**B444-⅜**	⅜"-16	150 lbs.	50



- Fits beam flanges thru ½" thick.
- Accepts "S" hooks, ¼" and ⅜" threaded rod, ¼"-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	**BC1**	Thru ½"	100 lbs.	100



Guide-Rite™
Fastener

UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Static Load Cap.	Box Qty.
78101118490	**BG-8-12-C2**	½", ¾"	100 lbs.	100
78101118570	**BG-16-C2**	1"	100 lbs.	100
78101118655	**BG-20-C2**	1¼"	100 lbs.	100
78101118700	**BG-24-C2**	1½"	100 lbs.	100
78101118740	**BG-32-C2**	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	**BG-8-12-C1**	½", ¾"	25 lbs.	100
78101118565	**BG-16-C1**	1"	25 lbs.	100
78101118650	**BG-20-C1**	1¼"	25 lbs.	100
78101118695	**BG-24-C1**	1½"	25 lbs.	50
78101118735	**BG-32-C1**	2"	25 lbs.	50



Push-Type

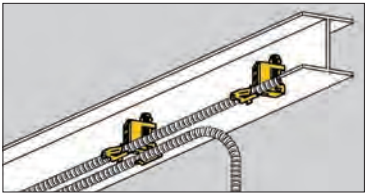
UPC/Part Number	Catalog Number	Conduit Size	Ultimate Static Load Cap.	Box Qty.
78101119260	**BP-8-C2**	½" EMT	25 lbs.	100
78101119360	**BP-12-C2**	¾" EMT ½" IMC, Rigid	25 lbs.	100
78101119455	**BP-16-C2**	1" EMT ¾" IMC, Rigid	25 lbs.	100



Push-Type

UPC/Part Number	Catalog Number	Conduit Size	Ultimate Static Load Cap.	Box Qty.
78101119255	**BP-8-C1**	½" EMT	25 lbs.	100
78101119355	**BP-12-C1**	¾" EMT ½" IMC, Rigid	25 lbs.	100
78101119450	**BP-16-C1**	1" EMT 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 ⅜" FMC to beam flanges thru ½" thick.
- Fasteners will rotate 360°.
- Requires only a screwdriver to install.

Cable To Beam Fasteners

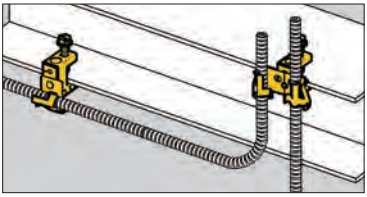


BX4-C2



BX4M-C2

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



- Attaches MC, AC, sizes 14/2 through 10/3 or ⅜" FMC to beam flanges thru ½" thick.
- Fasteners will rotate 360°.
- Requires only a screwdriver to install.

Cable To Beam Fasteners



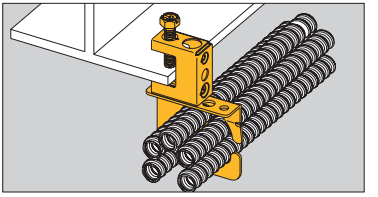
BX4-C1



BX4M-C1

UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101101191	**BX4-C1**	Single Runs	100
78101101209	**BX4M-C1**	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 ½" thick.
- Load Capacity: 50 lbs.

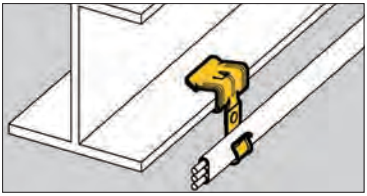
MC/AC Cable Carrier to Beam Fastener



BRC5-x-C2

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

Read safety/installation instruction sheets in packages before use.



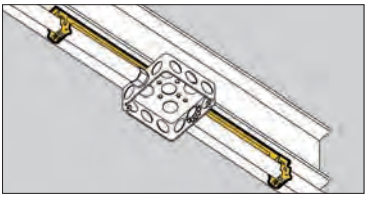
- Attaches type NM cable to beam flanges ⅛" to ½" thick.
- Supports cable sizes 14/2 and 12/2 with ground wire.
- Simply installed with a hammer.

Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101103550	**BRC3-E-2-4**	⅛" to ¼"	100
78101103551	**BRC3-E-5-8**	5⁄16" to ½"	100
78101103552	**BRC3-E-9-12**	9⁄16" to ¾"	100

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



Guide-Rite Conduit & Box Support Fasteners

- Consult factory for pre-fab box assemblies.

- BMC3 plate is available to support multiple conduit runs.
- Guide-Rite™ Riveted assembly secures electrical boxes and conduit runs to beam flanges ⅛" to ½" 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.



BG__-S18-U__



BG__-S18-U__-MC3

UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101103583	**BG6-S18-U24 ***	⅜"	⅛" to ¼"	25
78101103584	**BG6-S18-U58 ***	⅜"	5/16" to ½"	25
78101103579	**BG812-S18-U24**	½", ¾"	⅛" to ¼"	25
78101103580	**BG812-S18-U58**	½", ¾"	5/16" to ½"	25
78101103581	**BG16-S18-U24**	1"	⅛" to ¼"	25
78101103582	**BG16-S18-U58**	1"	5/16" to ½"	25

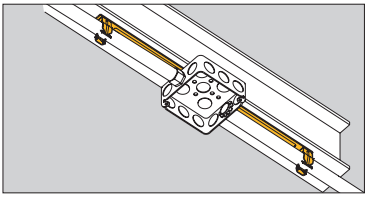
Patent #4958792

With Multiple Conduit Plate

78205152813	**BG6-S18-U24-MC3 ***	⅜"	⅛" to ¼"	25
78205152814	**BG6-S18-U58-MC3 ***	⅜"	5/16" to ½"	25
78205152815	**BG812-S18-U24-MC3**	½", ¾"	⅛" to ¼"	25
78205152816	**BG812-S18-U58-MC3**	½", ¾"	5/16" to ½"	25
78205152817	**BG16-S18-U24-MC3**	1"	⅛" to ¼"	25
78205152823	**BG16-S18-U58-MC3**	1"	5/16" to ½"	25

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5/16" or ⅜" 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 ⅛" to ½" 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.



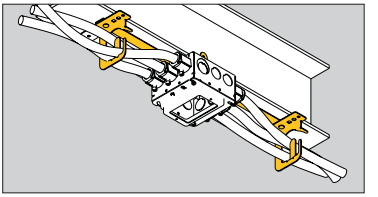
BP__-S18-U__



BP__-S18-U__-MC3

UPC/Part Number	Catalog Number	Conduit Size EMT, IMC, Rigid	Flange Thickness	Box Qty.
78205123635	**BP8-S18-U24**	⅜"	⅛" to ¼"	25
78205123638	**BP8-S18-U58**	⅜"	5⁄16" to ½"	25
78205123636	**BP12-S18-U24**	½", ¾"	⅛" to ¼"	25
78205123639	**BP12-S18-U58**	½", ¾"	5⁄16" to ½"	25
78205123637	**BP16-S18-U24**	1"	⅛" to ¼"	25
78205123640	**BP16-S18-U58**	1"	5⁄16" to ½"	25
Patent #4958792				
With Multiple Conduit Plate				
78205152824	**BP8-S18-U24-MC3**	⅜"	⅛" to ¼"	25
78205152825	**BP8-S18-U58-MC3**	⅜"	5⁄16" to ½"	25
78205152827	**BP12-S18-U24-MC3**	½", ¾"	⅛" to ¼"	25
78205152828	**BP12-S18-U58-MC3**	½", ¾"	5⁄16" to ½"	25
78205152825	**BP16-S18-U24-MC3**	1"	⅛" to ¼"	25
78205152964	**BP16-S18-U58-MC3**	1"	5⁄16" to ½"	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 retension tab is open for easy loading and contains cable when bent in place.

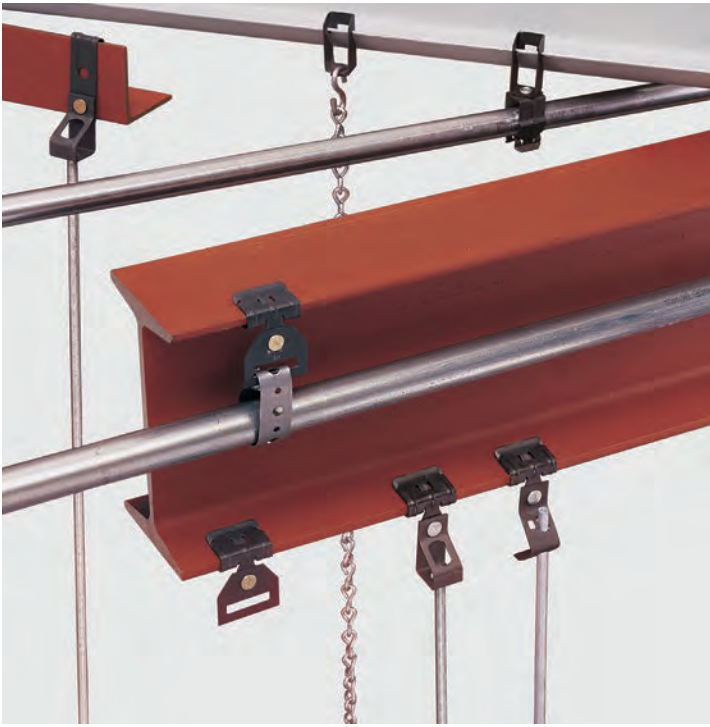
Multi-Run Cable Carrier & Box Support Fastener



BRC5_-S18-U__

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

Read safety/installation instruction sheets in packages before use.

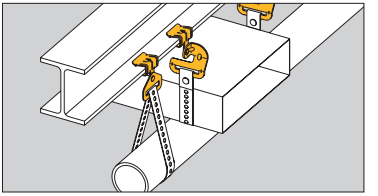












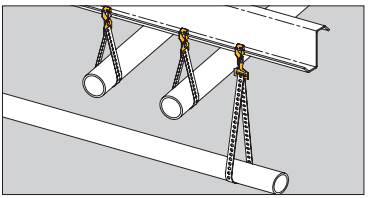
- Suspends straps thru 1½" wide from beam flanges ⅛" to ¾" thick.
- Suspends straps parallel or at right angles to beams.
- Simply installed with a hammer.
- Static Load Capacity: 200 Lbs.

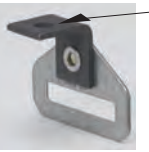
Strap Hangers



Parallel Right Angle

UPC/Part Number	Catalog Number	Description	Flange Thickness	Box Qty.
78101104930	**BHE-1-2**	Parallel	1/16" to 1/8"	100
78101118870	**BH-2-4**	Parallel	1/8" to 1/4"	100
78101118880	**BH-5-8**	Parallel	5/16" to 1/2"	100
78101118890	**BH-9-12**	Parallel	9/16" to 3/4"	100
78101104115	**BH-1-2-R**	Right Angle	1/16" to 1/8"	100
78101118875	**BH-2-4-R**	Right Angle	1/8" to 1/4"	100
78101118885	**BH-5-8-R**	Right Angle	5/16" to 1/2"	100
78101118895	**BH-9-12-R**	Right Angle	9/16" to 3/4"	100





BH-H7

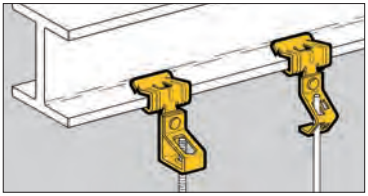
"Z" Purlin Hangers



BH-F12 BH-F12-R

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

Read safety/installation instruction sheets in packages before use.



- Suspend wire or plain and threaded rod from beam flanges 1/8" to 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	**BH1-E-2-4**	1/8" to 1/4"	#8 Wire or 1/4" Plain Rod	100
78101118905	**BH1-E-5-8**	5/16" - 1/2"	#8 Wire or 1/4" Plain Rod	100
78101118910	**BH1-E-9-12**	9/16" - 3/4"	#8 Wire or 1/4" Plain Rod	100

UPC/Part Number	Catalog Number	Flange Thickness	Plain Rod Size	Box Qty.
78101118940	**BH2-E-2-4**	1/8" to 1/4"	3/8"	100
78101118945	**BH2-E-5-8**	5/16" - 1/2"	3/8"	100
78101118950	**BH2-E-9-12**	9/16" - 3/4"	3/8"	100

Read safety/installation instruction sheets in packages before use.

Rod To Beam Hangers



With thread impression

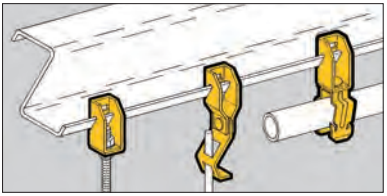
UPC/Part Number	Catalog Number	Flange Thickness	Threaded Rod Size	Box Qty.
78101118980	**BH4-E-2-4**	1/8" to 1/4"	1/4"	100
78101118985	**BH4-E-5-8**	5/16" - 1/2"	1/4"	100
78101118990	**BH4-E-9-12**	9/16" - 3/4"	1/4"	100
78101119060	**BH6-E-2-4**	1/8" to 1/4"	3/8"	100
78101119065	**BH6-E-5-8**	5/16" - 1/2"	3/8"	100
78101119070	**BH6-E-9-12**	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	**BH5-E-2-4** *	1/8" to 1/4"	1/4" to 3/8"	100
78101119025	**BH5-E-5-8** *	5/16" - 1/2"	1/4" to 3/8"	100
78101119030	**BH5-E-9-12** *	9/16" - 3/4"	1/4" to 3/8"	100

*Nuts required.

Read safety/installation instruction sheets in packages before use.



- 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	**BF13**	With ¼" Hole	100	100
78101118340	**BF12**	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	**BG-6-F13** *	3/8"	100	100
78101118520	**BG-8-12-F13**	½", ¾"	100	100
78101118590	**BG-16-F13**	1"	100	100
78101118675	**BG-20-F13**	1¼"	100	100
78101119290	**BP-8-F13**	½" EMT	25	100
78101119390	**BP-12-F13**	¾" EMT ½" IMC, Rigid	25	100
78101119480	**BP-16-F13**	1" EMT ¾" IMC, Rigid	25	50

* 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.

Universal Beam Fasteners

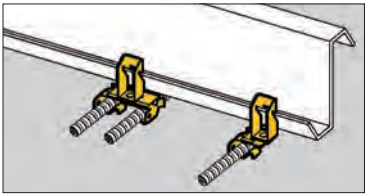


UPC/Part Number	Catalog Number	Description	Static Load Cap.	Box Qty.
78101118920	**BH1-F12**	#8 Wire or ¼" Plain Rod	100 Lbs.	100
78101118960	**BH2-F12**	⅜" Plain Rod	100 Lbs.	100



UPC/Part Number	Catalog Number	Threaded Rod Size	Static Load Cap.	Box Qty.
78101119000	**BH4-F12**	¼"	100 Lbs.	100
78101119080	**BH6-F12**	⅜"	100 Lbs.	100
78101119040	**BH5-F12** *	¼" & ⅜"	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 ⅜" FMC to "Z" Purlins up to 3/32" thick.
- Fastener will rotate 360°.
- Simply installed with a hammer.

Cable To "Z" Purlin Flange Hangers



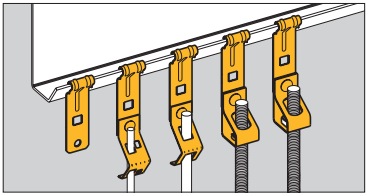
BX4-F13



BX4M-F13

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

Read safety/installation instruction sheets in packages before use.



- 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.

"Z" Purlin Flange Hangers



UPC/Part Number	Catalog Number	Description	Box Qty.
78101104271	**BF4**	For "S" Hooks, Bolting Straps and Wrap Wire	100

Read safety/installation instruction sheets in packages before use.

"Z" Purlin Flange Hangers



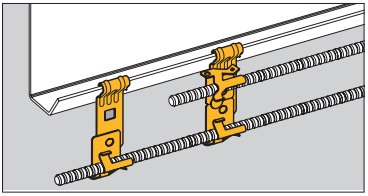
UPC/Part Number	Catalog Number	Description	Box Qty.
78101104274	**BH1-F4**	#8 Wire or ¼" Plain Rod	100
78101104276	**BH2-F4**	⅜" Plain Rod	100



UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101104286	**BH4-F4**	¼"	100
78101104280	**BH6-F4**	⅜"	100
78101104278	**BH5-F4** *	¼" - ⅜"	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 ⅜" FMC to "Z" Purlins.
- Fits "Z" Purlin flanges 1⁄16" to ¼" thick.
- Fastener will rotate 360°.

Cable To "Z" Purlin Flange Hangers



UPC/Part Number	Catalog Number	Description	Box Qty.
78101104931	**BX4-F4**	Single Runs	100

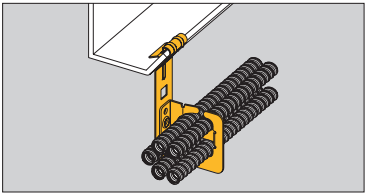
These products are designed for positioning only. No load rating.



UPC/Part Number	Catalog Number	Description	Box Qty.
78101104932	**BX4M-F4**	Double Runs	100

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

Read safety/installation instruction sheets in packages before use.



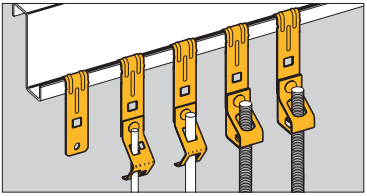
MC/AC Cable Carrier to ‘Z’ Purlin Flange Hanger

- 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	**BRC51-F4**	.430" to .560" Up to 4 Runs	25
78205144085	**BRC52-F4**	.430" to .560" Up to 9 Runs	25
78205144086	**BRC53-F4**	.560" to .690" 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	**BF3**	For "S" Hooks, Bolting Straps and Wrap Wire	100

Read safety/installation instruction sheets in packages before use.

Vertical Flange Hangers



UPC/Part Number	Catalog Number	Description	Box Qty.
78101104273	**BH1-F3**	#8 Wire or ¼" Plain Rod	100
78101104275	**BH2-F3**	⅜" Plain Rod	100

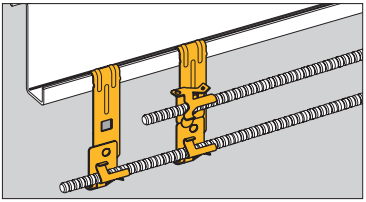


4¼" Overall Height

UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101104285	**BH4-F3**	¼"	100
78101104279	**BH6-F3**	⅜"	100
78101104933	**BH5-F3** *	¼", ⅜"	100

* Nuts required.

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" flexible conduit FMC to vertical flanges 1/16" to 1/4" thick.
- Fastener will rotate 360°.
- Simply installed with a hammer.

Cable To Vertical Flange Hangers

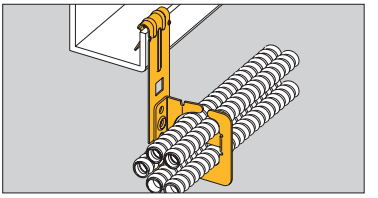


UPC/Part Number	Catalog Number	Description	Box Qty.
78101104281	**BX4-F3**	Single Runs	100



UPC/Part Number	Catalog Number	Description	Box Qty.
78101104282	**BX4M-F3**	Double Runs	100

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



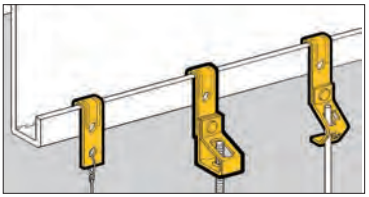
MC/AC Cable Carrier To Vertical Flange Hanger

- 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	**BRC51-F3**	.430" to .560" Up to 4 Runs	25
78205144084	**BRC52-F3**	.430" to .560" Up to 9 Runs	25
78205144083	**BRC53-F3**	.560" to .690" Up to 7 Runs	25

Read safety/installation instruction sheets in packages before use.



- Suspend wire, or plain or 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	Flange Thickness	Description	Box Qty.
78101118310	**BF1**	1/16" - 5/32"	For "S" Hooks, Bolting Straps and Wrap Wire	100
78101118315	**BF2**	5/32" - 1/4"	For "S" Hooks, Bolting Straps and Wrap Wire	100



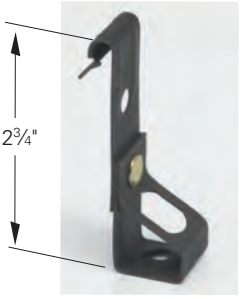
UPC/Part Number	Catalog Number	Flange Thickness	Description	Box Qty.
78101118915	**BH1-F1**	1/16" - 5/32"	#8 Wire or 1/4" Plain Rod	100
78101118925	**BH1-F2**	5/32" - 1/4"	#8 Wire or 1/4" Plain Rod	100

Read safety/installation instruction sheets in packages before use.

Vertical Flange Hangers



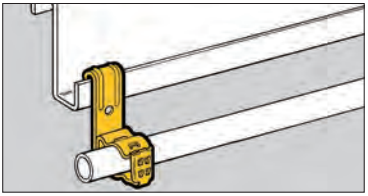
UPC/Part Number	Catalog Number	Flange Thickness	Plain Rod Size	Box Qty.
78101118955	**BH2-F1**	1/16" - 5/32"	3/8"	100
78101118965	**BH2-F2**	5/32" - 1/4"	3/8"	100



UPC/Part Number	Catalog Number	Flange Thickness	Threaded Rod Size	Box Qty.
With Thread Impression				
78101118995	**BH4-F1**	1/16" - 5/32"	1/4"	100
78101119075	**BH6-F1**	1/16" - 5/32"	3/8"	100
78101119005	**BH4-F2**	5/32" - 1/4"	1/4"	100
78101119085	**BH6-F2**	5/32" - 1/4"	3/8"	100
With Clearance Hole				
78101118995	**BH5-F1** *	1/16" - 5/32"	1/4", 3/8"	100
78101119075	**BH5-F2** *	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 ⅜" to 1" conduit from vertical flanges 1/16" to ¼" 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	**BG-6-F1** *	⅜"	1/16" - 5/32"	100
78101119960	**BG-6-F2** *	⅜"	5/32" - ¼"	100
78101119958	**BG-8-12-F1**	½" & ⅜"	1/16" - 5/32"	100
78101119961	**BG-8-12-F2**	½" & ⅜"	5/32" - ¼"	100
78101119958	**BG-16-F1**	1"	1/16" - 5/32"	100
78101119961	**BG-16-F2**	1"	5/32" - ¼"	100

Patent #4958792

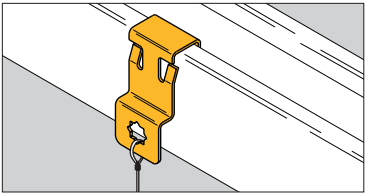
* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 9/16" or ⅜" flexible conduit



UPC/Part Number	Catalog Number	Wire Size	Flange Thickness	Box Qty.
78101103556	**BRC3-F1**	14/2 & 12/2 With Ground	1/16" - 5/32"	100
78101103557	**BRC3-F2**	14/2 & 12/2 With Ground	5/32" - ¼"	100

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

Read safety/installation instruction sheets in packages before use.



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 ¼" 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	**BSC4**	Strut Clip	60 lbs.	100



UPC/Part Number	Catalog Number	Rod Size	Load Capacity	Box Qty.
78205146581	**BH4-SC4**	¼"-20	60 lbs.	100
78205146582	**BH6-SC4**	⅜"-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	**BG6-SC4**	MC/AC & ⅜"	25 lbs.	100
78205146578	**BG812-SC4**	½" & ¾"	25 lbs.	100
78205146579	**BP8-SC4**	½"	15 lbs.	100
78205146580	**BP12-SC4**	¾"	15 lbs.	100
78205146588	**BL1400-SC4**	½"	60 lbs.	100
78205146589	**BL1410-SC4**	¾"	60 lbs.	100
78205146590	**BL1420-SC4**	1"	60 lbs.	100



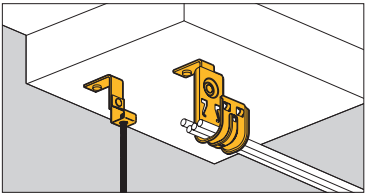
BX4M_-SC4



BRC5_-SC4

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

Read safety/installation instruction sheets in packages before use.



Drive Pin Fasteners

- Special support bracket allows clearance for powder actuated tools.
- Exclusive 1¼" 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.



BPNA



BCH21-PNA
BCH32-PNA



BH-PNA



BH1-PNA
BH2-PNA

UPC/Part Number	Catalog Number	Description	Box Qty.
78205125583	**BPNA**	Angle Bracket	100
78205128090	**BCH12-PNA**	¾" Cable Hook	100
78205125584	**BCH21-PNA**	1 5/16" Cable Hook	50
78205125586	**BCH32-PNA**	2" Cable Hook	50
78205125588	**BCH64-PNA**	4" Cable Hook	25
78205125611	**BH-PNA**	Strap Hanger	100
78205125593	**BH1-PNA**	#8 Wire or ¼" Plain Rod	100
78205125596	**BH2-PNA**	⅜" 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

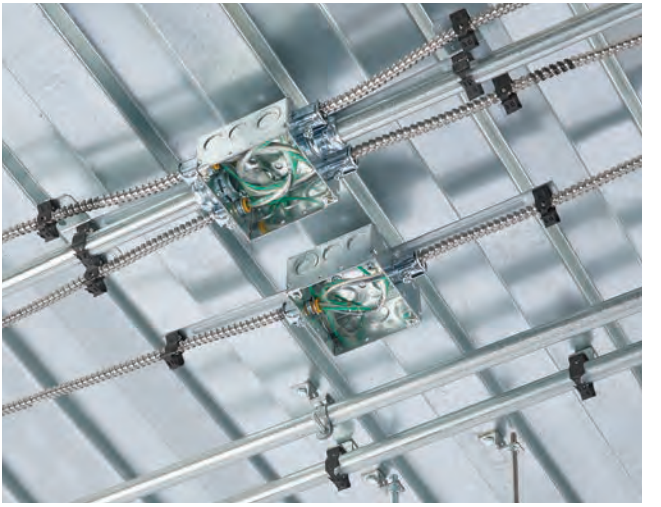
UPC/Part Number	Catalog Number	Description	Box Qty.
78205125604	**BH4-PNA** *	¼" Threaded Rod	100
78205125606	**BH6-PNA** *	⅜" Threaded Rod Cable Hook	100
78205125605	**BH5-PNA** **	¼" or ⅜" Threaded Rod	100
78205125613	**BG6-PNA** ***	⅜" Conduit	100
78205125615	**BG8-12-PNA**	½" & ¾" Conduit	100
78205125616	**BG16-PNA**	1" Conduit	100
78205125623	**BP8-PNA**	½" EMT	100
78205125624	**BP12-PNA**	¾" EMT	100
78205125630	**BP16-PNA**	1" EMT	100
78205125620	**BL1400-PNA**	½" Conduit	100
78205125621	**BL1410-PNA**	¾" Conduit	100
78205125622	**BL1420-PNA**	1" Conduit	100
78205125590	**BX4-PNA**	Single Run MC, AC or FMC	100
78205125591	**BX4M-PNA**	Double Run MC, AC or FMC	100

* With threaded impressions. ** Nuts required.

*** BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5⁄16" or ⅜" 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.

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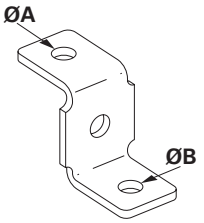


Fig. 1

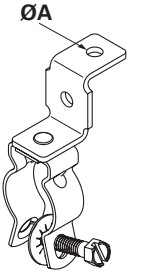


Fig. 2

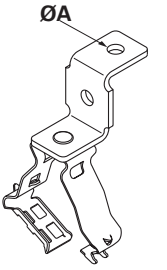


Fig. 3

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.*

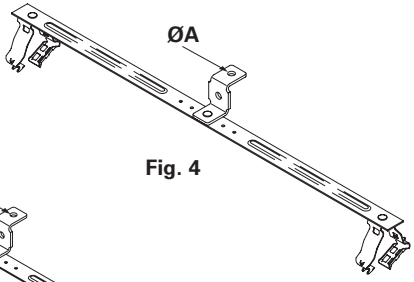


Fig. 4

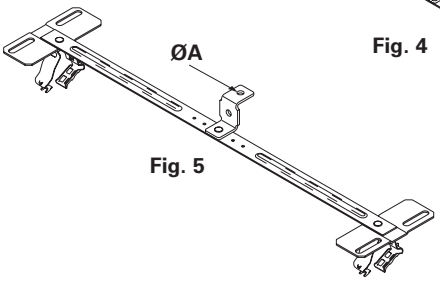


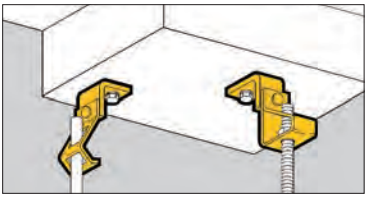
Fig. 5

Catalog No.	Fig No.	Hole Ø A	Hole Ø B	Conduit Ø	Static Load* lbs(kg)	Box Qty
BDH1	1	¼"	¼"	—	230 (104)	100
BDH2	1	¼"	⅜"	—	230 (104)	100
BDH3	1	⅜"	⅜"	—	250 (113)	100
BL1400-DH	2	¼"	—	½" EMT/RGD	100 (45)	50
BL1410-DH	2	¼"	—	¾" EMT/RGD	100 (45)	50
BL1420-DH	2	¼"	—	1" EMT/RGD	100 (45)	50
BL1425-DH	2	¼"	—	1¼" EMT	100 (45)	50
BL1430-DH	2	¼"	—	1½" EMT, 1¼" RGD	100 (45)	50
BG6-DH	3	¼"	—	⅜" EMT/RGD**	25 (11)	50
BG812-DH	3	¼"	—	½"–¾" EMT/RGD	50 (23)	50
BG16-DH	3	¼"	—	1" EMT/RGD	60 (27)	50
BG20-DH	3	¼"	—	1¼" EMT/RGD	75 (34)	50
BG24-DH	3	¼"	—	1½" EMT/RGD	80 (36)	50
BG6-S18-DH	4	¼"	—	⅜" EMT/RGD**	25 (10)	25
BG812-S18-DH	4	¼"	—	½"–¾" EMT/RGD	25 (10)	25
BG16-S18-DH	4	¼"	—	1" EMT/RGD	25 (10)	25
BG6-S18-DH-MC3	5	¼"	—	⅜" EMT/RGD**	25 (10)	25
BG812-S18-DH-MC3	5	¼"	—	½"–¾" EMT/RGD	25 (10)	25
BG16-S18-DH-MC3	5	¼"	—	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 ⅜" flexible conduit.

† NEC® Section 300.4(E) states that cables and raceways must be installed at least 1½" (38 mm) under the roof decking to prevent potential damage from nails or screws.



- Suspend plain or threaded rod and drop wire from ceilings, walls, concrete beams, joists and laminated wood beams.
- Clearance hole for ¼" bolt provided.
- Static Load Capacity: 160 Lbs.

Angle Bracket Fasteners



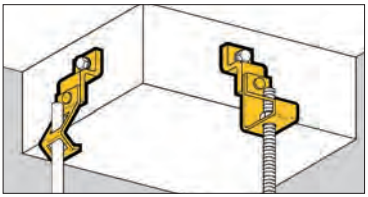
UPC/Part Number	Catalog Number	Description	Box Qty.
78101118930	**BH1-H7**	#8 Wire or ¼" Plain Rod	100
78101118975	**BH2-H7**	For ⅜" Plain Rod	100



UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101119010	**BH4-H7**	¼"-20	100
78101119090	**BH6-H7**	⅜"-16	100
78101119050	**BH5-H7** *	¼"-20 or ⅜"-16	100

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

Read safety/installation instruction sheets in packages before use.



- Suspend plain or threaded rod and drop wire from ceilings, walls, beams, and joists.
- Clearance hole for ¼" bolt provided.
- Static Load Capacity: 160 Lbs.

Offset Bracket Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101118935	**BH1-H8**	#8 Wire or ¼" Plain Rod	100
78101118975	**BH2-H8**	⅜" Plain Rod	100



UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101119015	**BH4-H8**	¼"-20	100
78101119095	**BH6-H8**	⅜"-16	100
78101119055	**BH5-H8** *	¼"-20 or ⅜"-16	100

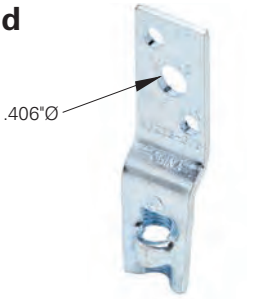
* Nuts required.
Note: BH4 & BH6 have thread impressions.

Read safety/installation instruction sheets in packages before use.

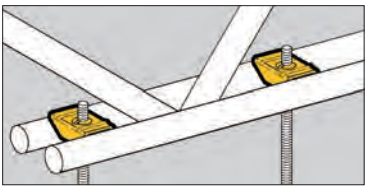


- Suspend ⅜" threaded rod from ceilings, walls, beams, and joists.
- Finish: Zinc Plated.
- Static Load Capacity: 610 Lbs.

Threaded Rod Hangers



UPC/Part Number	Catalog Number	Description	Box Qty.
78101101661	**B3223-⅜**	Offset Eye Socket	100



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

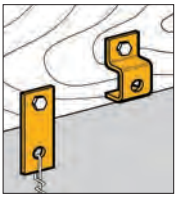
Wedge Hangers

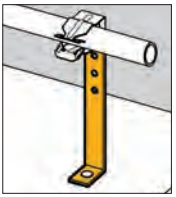




UPC/Part Number	Catalog Number	Description	Box Qty.
78101118860	**BH11**	With ⅜" Clearance Hole	100
78101118865	**BH12**	With ¼"-20 Thread Impression	100

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

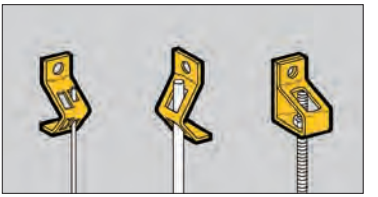


BA28B

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101686	**BD2**	Flat Bracket	100
78101118280	**BD4**	Offset Bracket	100
78101101449	**BA28B**	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 ¼" or ⅜" threaded rod.
- Static Load Capacity: 160 Lbs.

Components

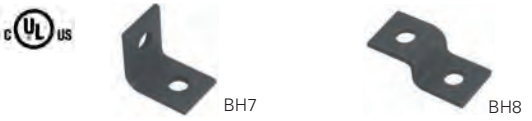


UPC/Part Number	Catalog Number	Description	Box Qty.
78101118800	**BH1**	#8 Wire or ¼" Plain Rod	100
78101118805	**BH2**	For ⅜" Plain Rod	100



UPC/Part Number	Catalog Number	Description	Box Qty.
78101118815	**BH4**	For ¼" Threaded Rod	100
78101118825	**BH6**	For ⅜" Threaded Rod	100
78101118820	**BH5** *	For ¼" & ⅜" Threaded Rod	100

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



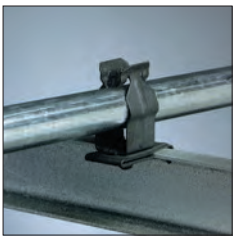
UPC/Part Number	Catalog Number	Description	Box Qty.
78101118830	**BH7**	Angle Bracket With .281"Ø Holes	100
78101118835	**BH7-6**	Angle Bracket With .281"Ø & .406"Ø Holes	100
78101118840	**BH8**	Offset Bracket With .281"Ø Holes	100
78101118845	**BH8-6**	Offset Bracket With .281"Ø & .406"Ø Holes	100

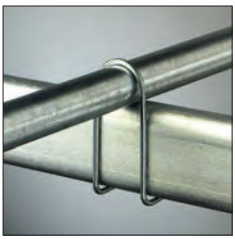
Read safety/installation instruction sheets in packages before use.





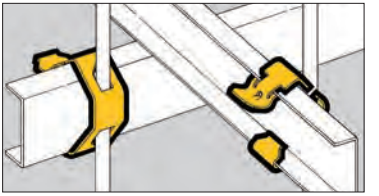






Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

Lathers channel



Rod & Wire Fasteners

- For fastening standard lathers channels to wires and plain rods.
- Fits ½" through ⅝" channel flange widths.
- Accepted for use by the City of New York Department of Buildings. MEA 383-91-M.
- Static Load Capacity: 160 Lbs.

Side Mounts



BL-24-2



BL-24-4

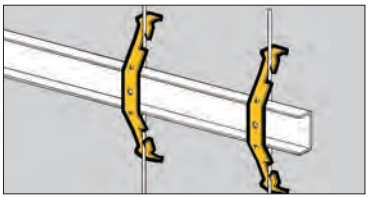
UPC/Part Number	Catalog Number	Channel Size	Rod/Wire Size	Box Qty.
78101119882	**BL-24-2**	1½"	#8 Wire	100
78101119883	**BL-24-4**	1½"	¼"	100
78101119885	**BL-32-4**	2"	¼"	100



Center Mount

UPC/Part Number	Catalog Number	Channel Size	Rod/Wire Size	Box Qty.
78101119884	**BL-24-4C**	1½"	¼" Rod	100

Read safety/installation instruction sheets in packages before use.

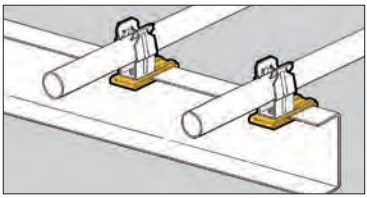


Rod & Wire Fasteners

- For fastening standard 1½" lathers channel to wires and plain rods.
- Wire size: #8 and #9.
- Rod size: 3⁄16" and ¼".
- Fits 9⁄16" thru 5⁄8" channel flange widths.
- Static Load Capacity: 100 Lbs.



UPC/Part Number	Catalog Number	Description	Box Qty.
78101119880	**BL1**	Channel to Rod & Wire	100



Flange Fasteners

- Serves as a mounting base for conduit fasteners or electrical boxes.
- Attaches to either flange of lathers channel with ¼"-20 screw (furnished).
- Fits channel flange widths up to 5⁄8".

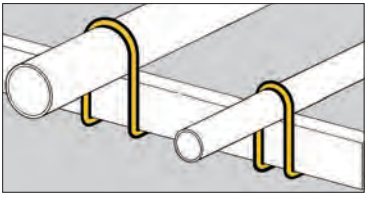


UPC/Part Number	Catalog Number	Description	Box Qty.
78101119881	**BL2**	Flange Fastener with Screw	100

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	**BL3-8**	½"	100
78101119903	**BL3-12**	¾"	100
78101119904	**BL3-16**	1"	100
78101119905	**BL3-20**	1¼"	100

Read safety/installation instruction sheets in packages before use.







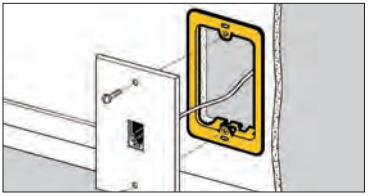




For NEC, TIA, EIA requirements go to
https://catalog.nfpa.org/NEC-Online-C3776.aspx

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

Communication & Low Voltage



- 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

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BB10



BB10-2



BB10-3



BB10-4



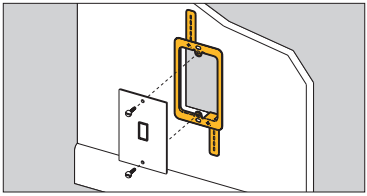
BB20

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

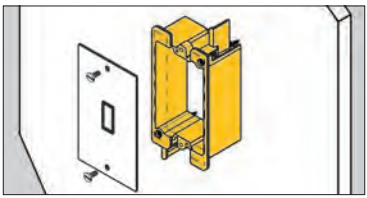


BB10L



BB20L

UPC/Part Number	Catalog Number	Description	Box Qty.
78101190895	**BB10L**	Single Gang Bracket	50
78101190896	**BB20L**	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".

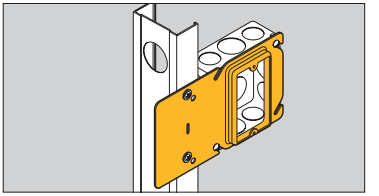
Plastic Cover Plate Mounting Bracket



UPC/Part Number	Catalog Number	Description	Box Qty.
78205139235	**BB10P**	Single Gang Bracket	50

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

Communication & Low Voltage



Uni-Mount Box Support/Cover Plate Mounting Brackets

- 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.



Single Gang

UPC/Part Number	Catalog Number	Description	Box Qty.
78205122768	**BB40-08**	½" Raise	50
78205122771	**BB40-10**	⅝" Raise	50
78205122772	**BB40-12**	¾" Raise	50

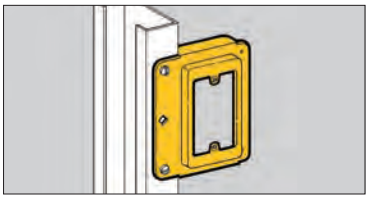


Double Gang

UPC/Part Number	Catalog Number	Description	Box Qty.
78205122773	**BB45-08**	½" Raise	50
78205122774	**BB45-10**	⅝" Raise	50
78205122775	**BB45-12**	¾" 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.

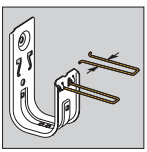


- Locates communication outlets before drywall is installed.
- Replaces electrical box in Class 2 low voltage installations.
- For ½" and ⅝" drywall applications.
- Finish: Pre-Galvanized.

Cover Plate Mounting Bracket



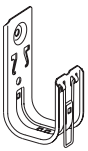
UPC/Part Number	Catalog Number	Description	Box Qty.
78101119873	**BB15**	Single Gang Stud Bracket	25



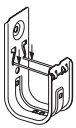


- Cable retainer clips are included with all cable hook purchases.
- Provides secure containment of cables and offers quick open/close feature to add or remove cables.
- Finish: Pre-Galvanized.

Replacement Cable Retainer Clips



Retainer in open position

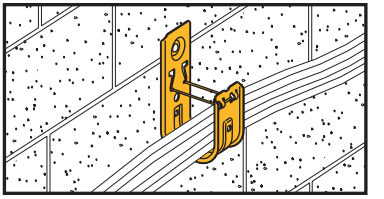


Push retainer down to lock

UPC/Part Number	Catalog Number	Cable Retainer For Hook Size	Box Qty.
78101104847	**BCHR21**	½" Raise	50
78101104848	**BCHR32**	⅝" Raise	50
78101104849	**BCHR64**	¾" Raise	50

Patent #5961081

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



Cable Hooks

- 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.

c UL us



BCH12

Open



Closed



BCH21



BCH32



BCH64

UPC/Part Number	Catalog Number	Hook Size	Capacity Up To	Box Qty.
78205128060	**BCH12**	¾"	16 4-Pair UTP Cat 5e or 2-Strand Fiber Optic Cable or 10 CAT6	50
78101104713	**BCH21**	1 5/16"	50 4-Pair UTP Cat 5e or 2-Strand Fiber Optic Cable or 32 CAT6 or 18 CAT6A	50
78101104717	**BCH32**	2"	80 4-Pair UTP Cat 5e or 2-Strand Fiber Optic Cable or 50 CAT6 or 25 CAT6A	50
78101104721	**BCH64**	4"	300 4-Pair UTP Cat 5e or 2-Strand Fiber Optic Cable 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

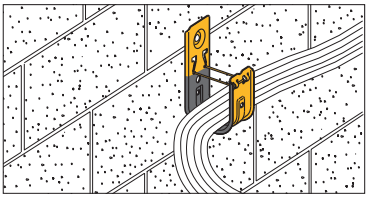


J-Hook Color ID Clip

- Color-coded clips allow for content designation without inventorying various colored hardware.
- Easy to designate pathways to prevent crossover.
- Order separtately and field install.
- Can be snapped on J-Hook after it has been installed.
- Manufactured from Underwriters Laborarories (UL) Listed material for plenum spaces.
- Suitable for ¾", 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.



X-Hook Low Friction Cable Hooks

- Xylan®† 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®†.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.



BCH64X

New Xylan®† coating reduces cable friction. Ideal for pulling cable.



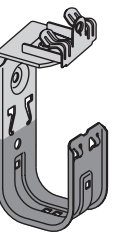
Cable rollers are too expensive and require installation and removal.

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

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

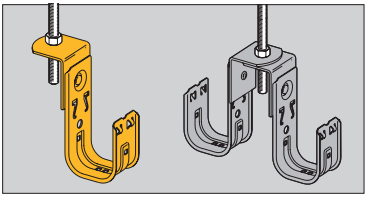
Example: BCH32X-U-2-4

(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.

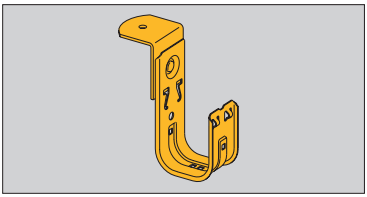


Cable To ATR Fasteners



- .505" diameter hole designed to support cable from ⅜" or ½" 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	**BCH21-AB**	1 5/16"	.505" Diameter	50
78101104729	**BCH32-AB**	2"	.505" Diameter	50
78101104732	**BCH64-AB**	4"	.505" Diameter	25



Angle Bracket Cable Fasteners

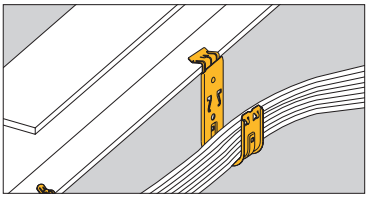


- Designed for direct attachment to structures.
- Supports cable from ¼" threaded rod.
- .265" diameter hole accepts anchors, screws or common nails.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

UPC/Part Number	Catalog Number	Hook Size	Hole Size	Box Qty.
78205128089	**BCH12-RB**	¾"	.265" Diameter	50
78101104735	**BCH21-RB**	1 5/16"	.265" Diameter	50
78101104738	**BCH32-RB**	2"	.265" Diameter	50
78101104742	**BCH64-RB**	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.

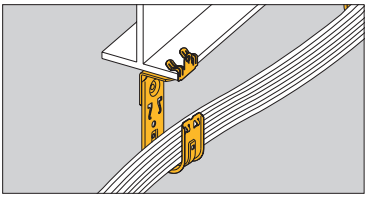
Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128067	**BCH12-E-2-4**	¾"	⅛" to ¼"	50
78205128072	**BCH12-E-5-8**	¾"	5⁄16" to ½"	50
78205128073	**BCH12-E-9-12**	¾"	9⁄16" to ¾"	50
78101104803	**BCH21-E-2-4**	1 5⁄16"	⅛" to ¼"	50
78101104805	**BCH21-E-5-8**	1 5⁄16"	5⁄16" to ½"	50
78101104807	**BCH21-E-9-12**	1 5⁄16"	9⁄16" to ¾"	50
78101104825	**BCH32-E-2-4**	2"	⅛" to ¼"	50
78101104827	**BCH32-E-5-8**	2"	5⁄16" to ½"	50
78101104829	**BCH32-E-9-12**	2"	9⁄16" to ¾"	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

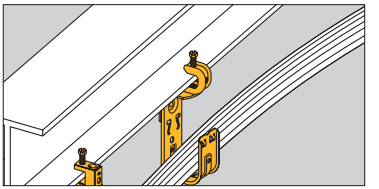


Allows 360° Rotation

UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128062	**BCH12-U-2-4**	¾"	⅛" to ¼"	50
78205128064	**BCH12-U-5-8**	¾"	5⁄16" to ½"	50
78205128066	**BCH12-U-9-12**	¾"	9⁄16" to ¾"	50
78101104809	**BCH21-U-2-4**	1 5⁄16"	⅛" to ¼"	50
78101104811	**BCH21-U-5-8**	1 5⁄16"	5⁄16" to ½"	50
78101104813	**BCH21-U-9-12**	1 5⁄16"	9⁄16" to ¾"	50
78101104831	**BCH32-U-2-4**	2"	⅛" to ¼"	50
78101104833	**BCH32-U-5-8**	2"	5⁄16" to ½"	50
78101104835	**BCH32-U-9-12**	2"	9⁄16" to ¾"	50
78101104864	**BCH64-U-2-4**	4"	⅛" to ¼"	25
78101104865	**BCH64-U-5-8**	4"	5⁄16" to ½"	25
78101104866	**BCH64-U-9-12**	4"	9⁄16" to ¾"	25

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

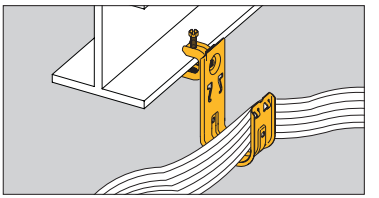


- 360° rotation allows cable to run in any direction.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128077	**BCH12-C442**	¾"	⅛" to ⅝"	50
78101104823	**BCH21-C442**	1 5/16"	⅛" to ⅝"	50
78101104845	**BCH32-C442**	2"	⅛" to ⅝"	50
78101104868	**BCH64-C442**	4"	⅛" to ⅝"	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.

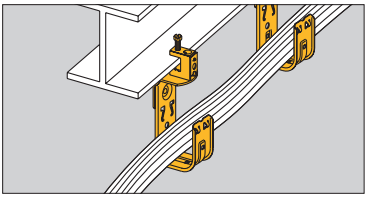
Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205141850	**BCH12-C442A**	¾"	⅛" to ⅝"	50
78205141851	**BCH21-C442A**	1 5/16"	⅛" to ⅝"	50
78205141852	**BCH32-C442A**	2"	⅛" to ⅝"	50
78205141853	**BCH64-C442A**	4"	⅛" to ⅝"	25

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

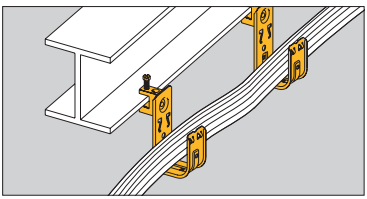


- 360° rotation allows cable to run in any direction.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128074	**BCH12-C2**	¾"	thru ½"	50
78101104821	**BCH21-C2**	1 5/16"	thru ½"	50
78101104843	**BCH32-C2**	2"	thru ½"	50
78101104867	**BCH64-C2**	4"	thru ½"	25



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

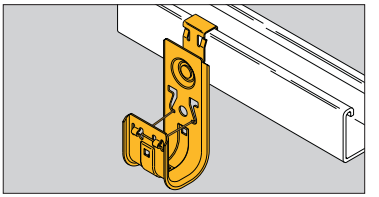
Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205141303	**BCH12-C1**	¾"	thru ½"	50
78101195578	**BCH21-C1**	1 5/16"	thru ½"	50
78101195560	**BCH32-C1**	2"	thru ½"	50
78205141304	**BCH64-C1**	4"	thru ½"	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.

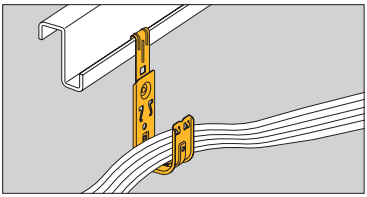
Cable Hook To Strut Attachment



UPC/Part Number	Catalog Number	Cable Hook Size	Box Qty.
78205146574	**BCH12-SC4**	¾"	50
78205146575	**BCH21-SC4**	1 5/16"	50
78205146576	**BCH32-SC4**	2"	50
78205146583	**BCH64-SC4**	4"	50

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

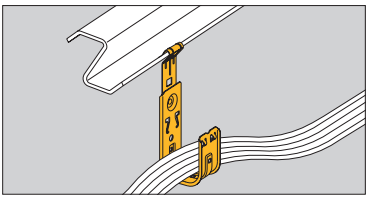


- Supports cable from vertical flanges.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

Cable To Flange Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128078	**BCH12-F3**	¾"	1/16" to ¼"	50
78101104815	**BCH21-F3**	1 5/16"	1/16" to ¼"	50
78101104837	**BCH32-F3**	2"	1/16" to ¼"	50
78101104869	**BCH64-F3**	4"	1/16" to ¼"	25



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

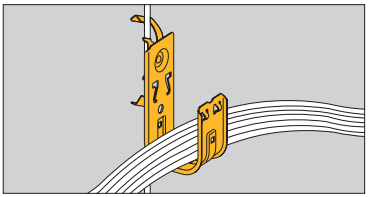
Cable To Flange Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128079	**BCH12-F4**	¾"	1/16" to ¼"	50
78101104817	**BCH21-F4**	1 5/16"	1/16" to ¼"	50
78101104839	**BCH32-F4**	2"	1/16" to ¼"	50
78101104870	**BCH64-F4**	4"	1/16" to ¼"	25

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.



Cable To Wire and Rod Fasteners

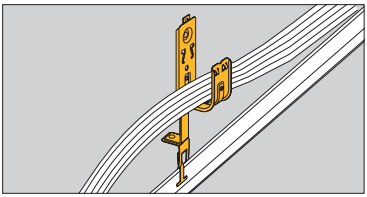
- Supports cable from #12 wire thru 3/8" threaded rod.
- Cable retainer clips are included with hooks.
- W2 series attaches to #12 wire thru 1/4" plain or threaded rod.
- W6 series attaches to 3/8" plain or threaded rod.
- Static Load Capacity: 25 Lbs.
- Finish: Pre-Galvanized.



UPC/Part Number	Catalog Number	Description	Box Qty.
78205146573	**BCH12-W2**	3/4"	50
78101104819	**BCH21-W2**	1 5/16"	50
78101104841	**BCH32-W2**	2"	50
78205128082	**BCH12-W6**	3/4"	50
78101195567	**BCH21-W6**	1 5/16"	50
78101195569	**BCH32-W6**	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.

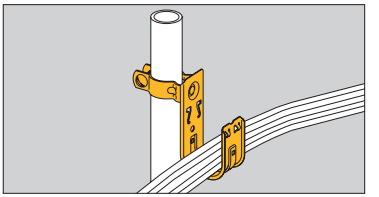


UPC/Part Number	Catalog Number	Description	Box Qty.
78205128083	**BCH12-A28**	¾"	50
78101104857	**BCH21-A28**	1 5/16"	50
78101104858	**BCH32-A28**	2"	50

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

Communication & low voltage

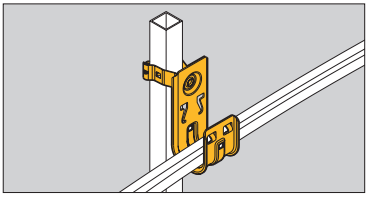


Cable To Floor Support Fasteners



- 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	**BCH12-L1410**	¾"	1" O.D.	50
78101104851	**BCH21-L1410**	1 5/16"	1" O.D.	50
78101104855	**BCH32-L1410**	2"	1" O.D.	50
78101104871	**BCH64-L1410**	4"	1" O.D.	25



Cable To Floor Support Fasteners

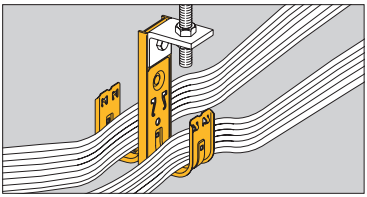


- Supports cable from computer floor post.
- Organizes cable off the floor for a neat installation.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

UPC/Part Number	Catalog Number	Hook Size	Floor Post Size	Box Qty.
78205128086	**BCH12-G-8-12**	¾"	1" Square	50
78101172487	**BCH21-G-8-12**	1 5/16"	1" Square	50
78101172489	**BCH32-G-8-12**	2"	1" Square	50
78101172491	**BCH64-G-8-12**	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

- 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.



1D



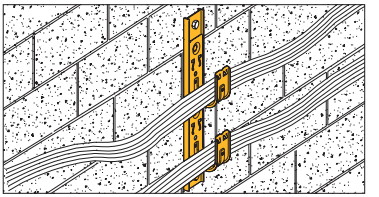
2D

UPC/Part Number	Catalog Number	Hook Size	Description	Box Qty.
78101104758	**BCH21-1D**	1 5/16"	1 Tier, 2-Sided, 5 1/2" High	20
78101104762	**BCH32-1D**	2"	1 Tier, 2-Sided, 6 3/16" High	25
78101104874	**BCH64-1D**	4"	1 Tier, 2-Sided, 9" High	10
78101104766	**BCH21-2D**	1 5/16"	2 Tier, 2-Sided, 9 1/4" High	10
78101104770	**BCH32-2D**	2"	2 Tier, 2-Sided, 11" High	10
78101104875	**BCH64-2D**	4"	2 Tier, 2-Sided, 18 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)



2S 3S

UPC/Part Number	Catalog Number	Hook Size	Description	Box Qty.
78101104773	**BCH21-2S**	1 5/16"	2 Tier, 1-Sided, 11" Overall Height	20
78101104776	**BCH32-2S**	2"	2 Tier, 1-Sided, 12 3/4" Overall Height	25
78101195300	**BCH64-2S**	4"	2 Tier, 1-Sided, 19 5/16" Overall Height	10
78101104779	**BCH21-3S**	1 5/16"	3 Tier, 1-Sided, 14 3/4" Overall Height	10
78101104782	**BCH32-3S**	2"	3 Tier, 1-Sided, 17 1/2" Overall Height	10
78101195303	**BCH64-3S**	4"	3 Tier, 1-Sided, 28 1/16" 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	**BCH21-4S**	1⁵⁄₁₆"	4 Tier, 1-Sided, 18½" Overall Height	10
78101104788	**BCH32-4S**	2"	4 Tier, 1-Sided, 21¾" Overall Height	10
78101197872	**BCH64-4S**	4"	4 Tier, 1-Sided, 36¹³⁄₁₆" Overall Height	10
78101104791	**BCH21-5S**	1⁵⁄₁₆"	5 Tier, 1-Sided, 21¾" Overall Height	10
78101104794	**BCH32-5S**	2"	5 Tier, 1-Sided, 27" Overall Height	10
78101104797	**BCH21-6S**	1⁵⁄₁₆"	6 Tier, 1-Sided, 26" Overall Height	10
78101104800	**BCH32-6S**	2"	6 Tier, 1-Sided, 31¾" Overall Height	10

Patent #5961081

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.



Shown with BRC5 Brackets



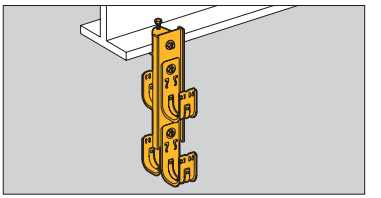
Shown with Cable Hooks

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 3⁄16", 1⁄4", 5⁄16" or 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	**BCH-HBA**	Multi-Tier Support Bar	40



Multi-Tier Cable Hook Kits

- Support bars furnished in 6063-T6 aluminum.



BCH-HB Support Bars

UPC/Part Number	Catalog Number	Description	Box Qty.
78101199572	**BCH-HB21**	Support Bar for BCH21 and BCH32 8¼" long with .281Ø holes	20
78101199574	**BCH-HB64**	Support Bar for BCH64 13⁵⁄16" 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 ¼"-20 x ½" hex head cap screw



BCHK1

- BCHK2 includes: Angle bracket (.320"Ø and .390"Ø holes) and ¼"-20 x ½" hex head cap screw and hex nut



BCHK2

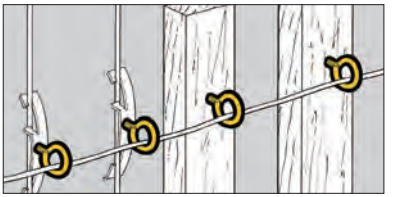
- BCHK3 includes: 1 each BCHK1 Kit and BCHK2 Kit



BCHK3

UPC/Part Number	Catalog Number	Kit Description	Flange Thickness	Box Qty.
78101104872	**BCHK1**	Beam Clamp	Thru ½"	10
78101104860	**BCHK2**	Angle Bracket	–	10
78101104873	**BCHK3**	Beam Clamp with Angle Bracket (swivels 360°)	Thru ½"	10

Read safety/installation instruction sheets in packages before use.



- 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



c UL us

UPC/Part Number	Catalog Number	Ring Size	Thread Size x Thread Length	Box Qty.
78101119550	**BR-8-T**	½"	#10-24 x 9/16"	100
78101119555	**BR-12-T**	¾"	#10-24 x 9/16"	100
78101119560	**BR-20-T**	1¼"	#10-24 x 9/16"	100
78101119570	**BR-32-T**	2"	#10-24 x 9/16"	100
78101119565	**BR-20-4T**	1¼"	¼"-20 x 9/16"	100
78101119575	**BR-32-4T**	2"	¼"-20 x 9/16"	100
78101119889	**BR-64-4T**	4"	¼"-20 x 9/16"	50

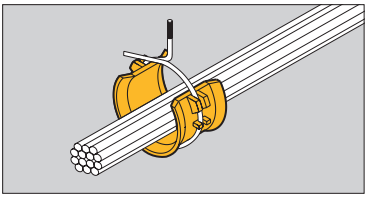


c UL us

Lag Screw for Wood Beams

UPC/Part Number	Catalog Number	Ring Size	Thread Size x Thread Length	Box Qty.
78101119875	**BR-16-3W**	1"	#10 x 9/16"	100
78101119886	**BR-24-4W**	1½"	¼" x 27/32"	100
78101119876	**BR-32-4W**	2"	¼" x ⅞"	100

Read safety/installation instruction sheets in packages before use.



- The convenience of a bridle 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



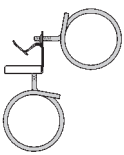
BRS-64A

BRS-32A

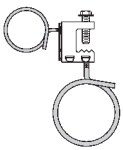
BRS-32

UPC/Part Number	Catalog Number	Thread Size x Thread Length/ Description	Box Qty.
78205122761	**BRS-32A**	¼"-20 x ⅞" 2" Ring Assembly	50
78205122762	**BRS-64A**	¼"-20 x 1" 4" Ring Assembly	25
78205122759	**BRS-32**	2" Saddle Only	50

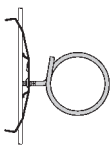
Also available for use with the following B-Line series Fasteners.



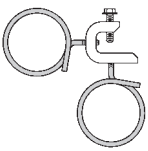
BU-9-12



BC1



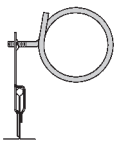
BW2



BC442



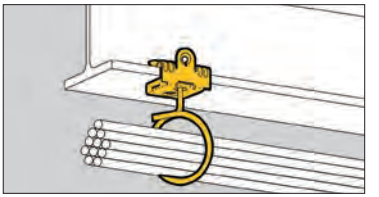
BH4-F3



BA5-4T

Read safety/installation instruction sheets in packages before use.

Communication & low voltage

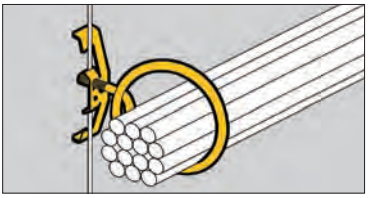


- Supports low voltage communication cables from beam flanges ⅛" to ¾" thick.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.

Bridle Ring/ Beam Fastener Assy.



UPC/Part Number	Catalog Number	Description	Box Qty.
78101102921	**BR-32-4T-U-2-4**	⅛" to ¼"	50
78101102923	**BR-32-4T-U-5-8**	5/16" to ½"	50
78101102924	**BR-32-4T-U-9-12**	9/16" to ¾"	50



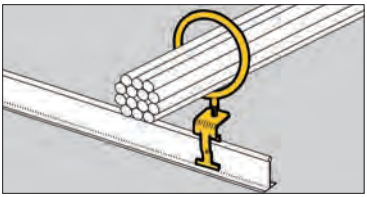
- Supports low voltage communication cables from drop wire.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.

Bridle Ring/Rod & Wire Fastener Assy.



UPC/Part Number	Catalog Number	Description	Box Qty.
78101102929	**BR-32-4T-W2**	#12 Wire Thru ¼" Plain or Threaded Rod	50

Read safety/installation instruction sheets in packages before use.

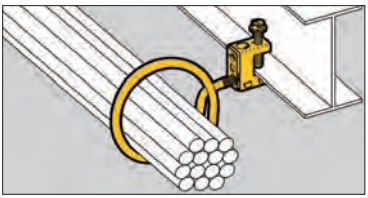


- Supports low voltage communication cables above the T-Bar.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- For positioning only - No Load Rating.

Bridle Ring/T-Bar Fastener Assembly



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



- Supports low voltage communication cables from beam flanges thru ½" thick.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.

Bridle Ring/Beam Fastener Assembly



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

Read safety/installation instruction sheets in packages before use.

Communication & low voltage



COM Dangle† cable support system

- 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

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



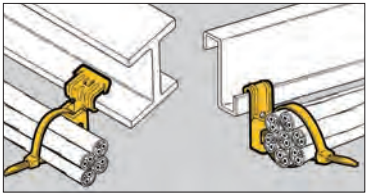
COM Dangle System Load Table – Number of Cables Allowed

UPC/Part Number	Catalog Number*	Dia.	Cat5e	Cat6	Cat6a
79903867513	**BLCD8**	2.5"	110	75	50
79903867514	**BLCD8RD**	2.5"	110	75	50
79903867515	**BLCD8BL**	2.5"	110	75	50
79903867516	**BLCD12**	4"	220	150	115
79903867517	**BLCD12RD**	4"	220	150	115
79903867518	**BLCD12BL**	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 9/32" wide from flanges 1/16" to 3/4" thick.
- 8" cable tie included.
- Simply installed with a hammer.

Cable Fasteners

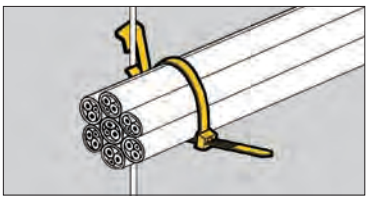


BE Series



BF Series

UPC/Part Number	Catalog Number	Description	Box Qty.
78101119970	**BE-2-4-CT2**	1/8" to 1/4"	100
78101119971	**BE-5-8-CT2**	5/16" to 1/2"	100
78101119972	**BE-9-12-CT2**	9/16" to 3/4"	100
78101119968	**BF1-CT2**	1/16" to 5/32"	100
78101119969	**BF2-CT2**	5/32" to 1/4"	100



- Supports cable ties up to 9/32" wide from drop wires.
- 8" cable tie included.



Cable Fasteners

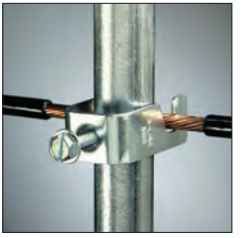
UPC/Part Number	Catalog Number	Description	Box Qty.
78101102866	**BW2-CT2**	#12 wire thru 1/4" plain or threaded rod	100
78101195603	**BW6-CT2**	3/8" plain or threaded rod	100

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

Accessories



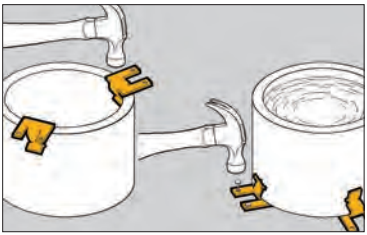








Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.



- 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	**BD40**	All Dia.	5/16" & Under	100
78101118285	**BD40**	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

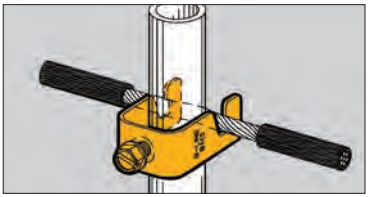


BN1 "U" Nuts With Thread Impression

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

Read safety/installation instruction sheets in packages before use.

Accessories

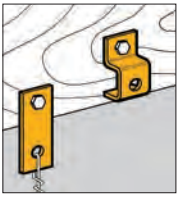


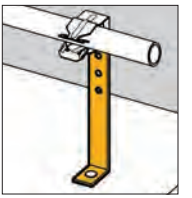
- Attaches signal reference grid wire to computer floor posts.
- Fits #8 thru #4 stranded wire. (.146" O.D. thru .232" O.D.).
- Fits ¾" to 1" round or square posts.

Reference Wire Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101101659	**BM5**	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



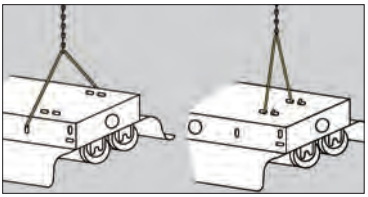
BD4



BA28B

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101686	**BD2**	Flat Bracket	100
78101118280	**BD4**	Offset Bracket	100
78101101449	**BA28B**	Angle Bracket	50

Read safety/installation instruction sheets in packages before use.



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

Light Fixture Hangers

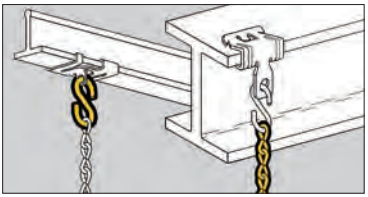


BH15



BH16

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101236	**BH15**	Side Mount Fluorescent Light Fixture Hanger	100
78101101237	**BH16**	Top Mount Fluorescent Light Fixture Hanger	100



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

Jack Chain & "S" Hooks



BH10



BH9
BH9-10

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

Read safety/installation instruction sheets in packages before use.



KwikWire Clamps

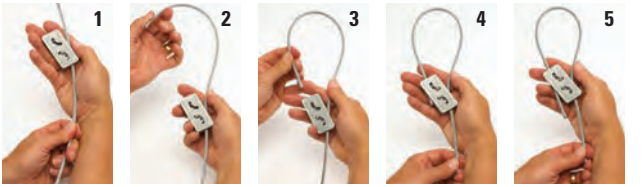
- KwikWire™ system replaces jack chain or ATR to support lighting, ductwork, cable tray, etc.
- Can be quickly installed around beams - No drilling required.
- Ideal for sloped ceilings - can hang objects at up to 60° angles.
- Simple height adjustments are made by releasing locking tab, no tools required.
- 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	**BKC100**	1/16" & 3/32"	100
78205140723	**BKC200**	1/8" & 3/16"	50

KwikWire Clamp Working Loads*

Clamp Part No.	Wire Rope Dia.	Lbs. Safety Factor 5
BKC100	1/16" 3/32"	0-75 25-150
BKC200	3/32" 1/8" 3/16"	25-150 25-250 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	**BKW063** (1)	1/16"	96	500 ft.
78205140727	**BKW094** (1)	3/32"	184	500 ft.
78205140733	**BKW125** (1)	1/8"	340	500 ft.
78205140734	**BKW188** (2)	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	**BKP10063**	BKC100 (100 pcs.) 1/16"Ø Wire Rope (500 ft.)	1
78205140751	**BKP10094**	BKC100 (100 pcs.) 3/32"Ø Wire Rope (500 ft.)	1
78205140761	**BKP20125**	BKC200 (50 pcs.) 1/8"Ø Wire Rope (500 ft.)	1
78205140763	**BKP20188**	BKC200 (50 pcs.) 3/16"Ø Wire Rope (250 ft.)	1

Read safety/installation instruction sheets in packages before use.

Accessories





- 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 spools.

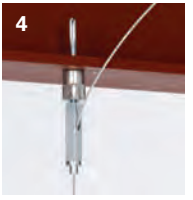
KwikWire Hanger

UPC/Part Number	Catalog Number	Thread Size	Wire Rope Diameter	Load SF5	Box Qty.
78205158764	**BKF100-4**	¼"-20	1/16" 3/32"	45 lbs. 90 lbs.	100
78205158765	**BKF100-6**	⅜"-16	1/16" 3/32"	45 lbs. 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



BKYH Series

Single & "Y" Style Hook Termination

- Hook designed to accept up to ⅜" 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



BKT Series



BKYT 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



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



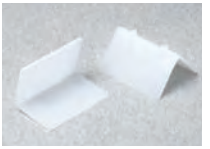
BKA Series

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	**BKCP**	Air Duct Corner Protector	100
78101156059	**B601-62**	Air Duct Support	50
78205140297	**BKCC** *	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 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	**SHHMS ¼ x ½**	¼"-20 x ½" Slotted Hex Head Machine Screw	100



UPC/Part Number	Catalog Number	Description	Box Qty.
78101142103	**MSQN¼**	¼"-20 Machine Square Nut	100



UPC/Part Number	Catalog Number	Description	Box Qty.
78101110675	**BWHS-9**	Sheet Metal Screw #8 x 9⁄16"	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	**BWHS-9D**	#8 x ½" Self-Drilling 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











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 - ⅞"	F - Flat
ACS - Concrete Screw	10 - #10	100 - 1"	FL - Flanged
ADA - Drive Anchor	12 - ⅛"	118 - 1 3⁄18"	H - Hex
ADE - Double Expansion Anchor	18 - 3⁄16"	125 - 1¼"	HN - Hex Nut
ADH - Hollow-Base Drop-IN	25 - ¼"	150 - 1½"	HS - Hole Saw
ADI - Drop-In	31 - 5⁄16"	175 - 1¾"	K - Kit
ADM - Mini Drop-In	37 - ⅜"	187 - 1⅞"	M - Mushroom
ADN - Drive Nail	50 - ½"	200 - 2"	OH - Oval Head
AMS - Machine Screw	62 - ⅝"	225 - 2¼"	PH - Pan Head
APC - Conical Anchor	75 - ¾"	250 - 2½"	RH - Rod Hanger
APD - Plastic Driller	87 - ⅞"	275 - 2¾"	RS - Slotted Round Head
APDM - Plastic Driller - Mini		300 - 3"	
APH - Plastic Hollow Wall Anchor		325 - 3¼"	SS4 - 304 Stainless Steel
APS - Plastic Screw Anchor		350 - 3½"	
ARC - Rapid Rod® Concrete		375 - 3¾"	T - Tool
ARS - Rapid Rod® Steel		400 - 4"	WH - Wire Hanger
ARW - Rapid Rod® Wood		425 - 4¼"	
ASA - Sleeve Anchor		450 - 4½"	SW - Side Mount
ASE - Single Expansion Anchor		500 - 5"	
ATB - Toggle Bolt		525 - 5¼"	
ATM - Self-Tapping Screw Anchor		550 - 5½"	
		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

- ARW: Rapid Rod® Wood
- 25-100: ¼" x 1" Hanger
- SW: Side Mount

† 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 Pipe Size	UL Pipe Thick.	FM Pipe Size	FM 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.
Steel Rapid Rod-2 Hanger - Point Style #3 For Purlins				
79903875920	**ARS-25-100-2**	¼"	¼" x 1"	25
79903875928	**ARS-37-200-2**	⅜"	¼" x 2"	25
79903875923	**ARS-37-100HN-2****	⅜"	¼" x 1" w/nuts	25
79903875925	**ARS-37-150-2**	⅜"	¼" x 1½"	25
79903875927	**ARS-37-150HN-2****	⅜"	¼" x 1½" w/nuts	25
Steel Rod Hanger - Side Mount - Point Style #3 For Purlins				
79903875921	**ARS-25-100SW-2**	¼"	¼" x 1" w/nuts	25
79903875924	**ARS-37-100SW-2**	⅜"	¼" x 1" w/nuts	25
Steel Rod Hanger - Point Style #5 For Purlins				
79903875926	**ARS-37-150HDHN-2****	⅜"	#12-24 x 1½" 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.
Tool			
79903877711	**7187S-2**	Steel Socket ½"	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"**	**⅜"**
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 ⅜" 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	**ARC-25-125-2**	¼"	¼" x 1⅝"	25
79903875918	**ARC-37-150-2**	⅜"	¼" x 1⅝"	25
79903875919	**ARC-37-275-2**	⅜"	¼" x 2½"	25
For side mount concrete applications use ARW-25-100SW or ARW-37-200SW with 3⁄16" drill bit.				
Wood Rod Hanger - Point Style Type 17				
79903875930	**ARW-25-200-2**	¼"	¼" x 2"	25
79903875931	**ARW-37-100-2**	⅜"	¼" x 1"	25
79903875933	**ARW-37-200-2**	⅜"	¼" x 2"	25
79903875935	**ARW-37-250-2**	⅜"	5⁄16" x 2½"	25
79903875936	**ARW-50-250-2**	½"	5⁄16" x 2½"	25
Wood Rod Hanger - Side Mount - Point Style Type 17				
79903875929	**ARW-25-100SW-2**	¼"	¼" x 1"	25
79903875934	**ARW-37-200SW-2**	⅜"	¼" x 2"	25
79903875932	**ARW-37-100SW-2**	⅜"	¼" x 1"	25

UPC/Part Number	Catalog Number	Tool Description	Box Qty.
Tools			
79903875900	**7187-2**	Wood Socket	1
79903875901	**7195-2**	¼" Concrete Socket	1
79903875902	**7197-2**	⅜" Concrete Socket	1
78205153360	**5874**	Concrete Tapper Sleeve Assy.	1
78205153361	**5866**	¼" X 6" Hex Shank SDS Drill Bit	1

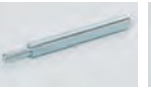
Read safety/installation instruction sheets in packages before use.

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.

‡ Not ICC-ES certified


Smooth Wall


Setting Tool


Flanged

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	1 9/16	2	2½	3 3/16
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	**ADI-25**	¼"	1"	7/16"	100
78101103219	**ADI-37**	⅜"	1 9/16"	⅝"	50
78101103220	**ADI-50**	½"	2"	13/16"	50
78101103221	**ADI-62**	⅝"	2½"	1 13/16"	25
78101103222	**ADI-75**	¾"	3 3/16"	1⅜"	10
Drop-In Anchor - Smooth Wall - Stainless Steel					
78101103223	**ADI-25SS4**	¼"	1"	7/16"	100
78101103224	**ADI-37SS4**	⅜"	1 9/16"	⅝"	50
78101103226	**ADI-50SS4**	½"	2"	13/16"	50
78101103227	**ADI-62SS4**	⅝"	2½"	1 13/16"	25
78101103228	**ADI-75SS4**	¾"	3 3/16"	1⅜"	10
Drop-In Hanger - Flanged - Steel					
78205153297	**ADI-25FL**	¼"	1"	7/16"	100
78205153298	**ADI-37FL**	⅜"	1 9/16"	⅝"	50
78205153299	**ADI-50FL**	½"	2"	13/16"	50

UPC/Part Number	Catalog Number	Rod Size	Pin Length	Box Qty.
Setting Tools				
78101103229	**6305**	¼"	39/64"	1
78101103231	**6307**	⅜"	61/64"	1
78101103232	**6309**	½"	1 3/16"	1
78101103233	**6311**	⅝"	1 5/15"	1
78101103234	**6313**	¾"	1 61/64"	1

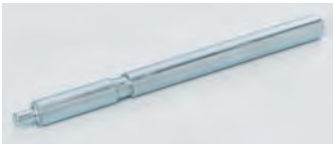
Read safety/installation instruction sheets in packages before use.

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.
Mini Drop-In Anchor - Steel				
78205153300	**ADM-25**	¼"	⅜"	100
78205153302	**ADM-37**	⅜"	13⁄32"	50
78205153302	**ADM-50**	½"	⅝"	50
Setting Tools				
78205153301	**6336**	¼"	–	1
78205153303	**6323**	⅜"	–	1
78205153305	**6338**	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	¼"	⅜"	½"
ANSI Drill Bit Size (in.)	⅜	⅝	¾
Max. Tightening Torque (ft-lbs)	5	10	20
Thread Size (UNC)	¼"-20	⅜"-16	½"-13
Thread Length In Cone (in.)	⅜	⅝	¾
Min. Embedment Depth (in.)	¾	1	1½
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.
Hollow Base Drop-In					
78205153291	**ADH-25**	¼"	⅞"	⅝"	100
78205153293	**ADH-37**	⅜"	1 5⁄16"	15⁄16"	50
78205153294	**ADH-50**	½"	1¾"	1¼"	50
Setting Tools					
78205153292	**9323**	¼"	–	–	1
78205153294	**9343**	⅜"	–	–	1
78205153296	**9353**	½"	–	–	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.
Screw Type Anchor - Steel			
79903875903	**ACB-25-175-2**	¼" x 1¾"	25
79903875904	**ACB-25-225-2**	¼" x 2¼"	25
79903875905	**ACB-25-300-2**	¼" x 3"	25
79903875906	**ACB-37-175-2**	⅜" x 1¾"	25
79903875907	**ACB-37-250-2**	⅜" x 2½"	25
79903875908	**ACB-37-300-2**	⅜" x 3"	25
79903875909	**ACB-37-400-2**	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
1¾"	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.
Hex Head Concrete Screws			
78101103342	**ACS-18-125H***	3/16" x 1 1/4"	100
78101103343	**ACS-18-175H***	3/16" x 1 3/4"	100
78101103344	**ACS-18-225H**	3/16" x 2 1/4"	100
78101103346	**ACS-18-275H**	3/16" x 2 3/4"	100
78101103347	**ACS-18-325H**	3/16" x 3 1/4"	100
78101103348	**ACS-18-375H**	3/16" x 3 3/4"	100
78101103349	**ACS-18-400H**	3/16" x 4"	100
78101103342	**ACS-25-125H***	1/4" x 1 1/4"	100
78101103343	**ACS-25-175H***	1/4" x 1 3/4"	100
78101103344	**ACS-25-225H**	1/4" x 2 1/4"	100
78101103346	**ACS-25-275H**	1/4" x 2 3/4"	100
78101103347	**ACS-25-325H**	1/4" x 3 1/4"	100
78101103348	**ACS-25-375H**	1/4" x 3 3/4"	100
78101103349	**ACS-25-400H**	1/4" x 4"	100
Flat Head Concrete Screws			
78205153259	**ACS-18-125F***	3/16" x 1 1/4"	100
78205153260	**ACS-18-175F***	3/16" x 1 3/4"	100
78205153261	**ACS-18-225F**	3/16" x 2 1/4"	100
78205153262	**ACS-18-275F**	3/16" x 2 3/4"	100
78205153263	**ACS-25-125F***	1/4" x 1 1/4"	100
78205153264	**ACS-25-175F***	1/4" x 1 3/4"	100
78205153265	**ACS-25-225F**	1/4" x 2 1/4"	100
78205153266	**ACS-25-275F**	1/4" x 2 3/4"	100

* Not ICC-ES listed

UPC/Part Number	Catalog Number	Bit Size	Usable Length	Box Qty.
Straight Shank Drill Bits				
78205153267	**2782SD**	5/32" x 4 1/2"	3"	1
78205153269	**2786SD**	3/16" x 4 1/2"	3"	1
SDS Hex Drill Bits				
78205153268	**2793**	5/32" x 5"	3"	1
78205153270	**2796**	3/16" x 5"	3"	1

UPC/Part Number	Catalog Number	Dsecription	Box Qty.
Setting Tool			
78101103453	**2791**	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 9/32" diameter, head height 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.
Wire Hanger				
78101103106	**AWA-25-200WH**	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.
Wedge Anchor				
78101103068	**AWA-25-175**	¼" x 1¾"	¾"	100
78101103069	**AWA-25-225**	¼" x 2¼"	1¼"	100
78101103070	**AWA-25-325**	¼" x 3¼"	2¼"	100
78101103071	**AWA-37-225**	⅜" x 2¼"	1¼"	50
78101103072	**AWA-37-275**	⅜" x 2¾"	1⅝"	50
78101103073	**AWA-37-300**	⅜" x 3"	1⅞"	50
78205153364	**AWA-37-350**	⅜" x 3½"	2⅜"	50
78101103074	**AWA-37-375**	⅜" x 3¾"	2⅝"	50
78101103075	**AWA-37-500**	⅜" x 5"	3⅞"	50
78205153366	**AWA-50-275**	½" x 2¾"	1⅜"	50
78101103077	**AWA-50-375**	½" x 3¾"	2⅜"	50
78205145636	**AWA-50-450**	½" x 4½"	3⅛"	50
78101103079	**AWA-50-550**	½" x 5½"	4⅛"	50
78101103080	**AWA-50-700**	½" x 7"	5⅝"	25
78101103081	**AWA-62-350**	⅝" x 3½"	2"	25
78101103082	**AWA-62-450**	⅝" x 4½"	3"	25
78101103083	**AWA-62-500**	⅝" x 5"	3½"	25
78101103084	**AWA-62-600**	⅝" x 6"	4½"	25
78101103085	**AWA-62-700**	⅝" x 7"	5½"	25
Wedge Anchor - Stainless Steel				
78101103146	**AWA-25-175SS4**	¼" x 1¾"	¾"	100
78101103147	**AWA-25-225SS4**	¼" x 2¼"	1¼"	100
78101103148	**AWA-25-325SS4**	¼" x 3¼"	2¼"	100
78101103149	**AWA-37-225SS4**	⅜" x 2¼"	1¼"	50
78101103150	**AWA-37-275SS4**	⅜" x 2¾"	1⅝"	50
7810110151	**AWA-37-300SS4**	⅜" x 3"	1⅞"	50
78205153365	**AWA-37-350SS4**	⅜" x 3½"	2⅜"	50
78101103152	**AWA-37-375SS4**	⅜" x 3¾"	2⅝"	50
78101103153	**AWA-37-500SS4**	⅜" x 5"	3⅞"	50
78101103154	**AWA-50-275SS4**	½" x 2¾"	1⅜"	50
78101103155	**AWA-50-375SS4**	½" x 3¾"	2⅜"	50
78205153367	**AWA-50-450SS4**	½" x 4½"	3⅛"	50
78101103157	**AWA-50-550SS4**	½" x 5½"	4⅛"	50
78205153368	**AWA-50-700SS4**	½" x 7"	5⅝"	25
78205153369	**AWA-62-350SS4**	⅝" x 3½"	2"	25
78205153370	**AWA-62-450SS4**	⅝" x 4½"	3"	25
78205153779	**AWA-62-500SS4**	⅝" x 5"	3½"	25
78205153371	**AWA-62-600SS4**	⅝" x 6"	4½"	25
78205143044	**AWA-62-700SS4**	⅝" x 7"	5½"	25

Read safety/installation instruction sheets in packages before use.

Power Stud+®† 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	11/16	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.
Seismic Wedge Anchor				
78205153398	**AWSD-37-300**	3/8" X 3"	1 3/4"	50
78205153399	**AWSD-37-350**	3/8" X 3 1/2"	2 1/4"	50
78205153400	**AWSD-37-375**	3/8" X 3 3/4"	2 1/2"	50
78205153401	**AWSD-37-500**	3/8" X 5"	3 3/4"	50
78205153402	**AWSD-50-375**	1/2" X 3 3/4"	2 1/8"	50
78205153403	**AWSD-50-450**	1/2" X 4 1/2"	2 7/8"	50
78205153404	**AWSD-50-550**	1/2" X 5 1/2"	3 7/8"	50
78205153405	**AWSD-50-700**	1/2" X 7"	5 3/8"	50
78205153406	**AWSD-62-475**	5/8" X 4 3/4"	2 7/8"	25
78205153407	**AWSD-62-500**	5/8" X 5"	3 1/8"	25
78205153408	**AWSD-62-600**	5/8" X 6"	4 1/8"	25
78205153409	**AWSD-62-700**	5/8" X 7"	5 1/8"	25
78205153410	**AWSD-75-550**	3/4" X 5 1/2"	3 1/4"	20
78205153411	**AWSD-75-625**	3/4" X 6 1/4"	4"	20
78205153425	**AWSD-75-700**	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.
Mushroom Head			
78205153271	**ADA-18-100**	3/16" x 1"	100
78205153272	**ADA-18-125**	3/16" x 1 1/4"	100
78205153273	**ADA-18-150**	3/16" x 1 1/2"	100
78205153274	**ADA-18-200**	3/16" x 2"	100
78205153275	**ADA-18-250**	3/16" x 2 1/2"	100
78205153276	**ADA-18-300**	3/16" x 3"	100
78205153278	**ADA-25-100**	1/4" x 1"	100
78205153279	**ADA-25-125**	1/4" x 1 1/4"	100
78205153280	**ADA-25-150**	1/4" x 1 1/2"	100
78205153281	**ADA-25-200**	1/4" x 2"	100
78205153282	**ADA-25-250**	1/4" x 2 1/2"	100
78205153283	**ADA-25-300**	1/4" x 3"	100

UPC/Part Number	Catalog Number	Head Size	Box Qty.
Rod Hanger			
78205153284	**ADA-25RH**	1/4"	100
78205153286	**ADA-37RH**	3/8"	100
Wire Hanger			
78205153277	**ADA-18WH**	3/16"	100
78205153285	**ADA-25WH**	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	¼"	⅜"	½"	⅝"	¾"
ANSI Drill Bit Size (in.)	¼	⅜	½	⅝	¾
Fixture Clearance Hole (in.)	5⁄16	7⁄16	9⁄16	11⁄16	15⁄16
Plow Bolt Size (UNC)	#10-24	5⁄16"-18	⅜"-16	½"-13	⅝"-11
Min. Embedment Depth (in.)	½	1¼	1½	2	2¼
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
	¼"	⅜"	½"	5⁄16"
ANSI Drill Bit Size (in.)	¼	⅜	½	5⁄16
Fixture Clearance Hole (in.)	NA	NA	NA	¼
Plow Bolt Size (UNC)	#10-24	5⁄16"-18	⅜"-16	¼"-20
Coupling Height (in.)	⅞	1	1¼	NA
Min. Embedment Depth (in.)	½	1¼	1½	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.cooperbline.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.
Hex Nut Style				
78101102995	**ASA-37-187HN**	⅜" x 1⅞"	1⅝"	50
78101102996	**ASA-37-300HN**	⅜" x 3"	1⅝"	50
78205153400	**ASA-37-400HN**	⅜" x 4"	1⅝"	50
78101102997	**ASA-50-225HN**	½" x 2½"	2⅛"	25
78101102998	**ASA-50-300HN**	½" x 3"	2¼"	25
78101102999	**ASA-50-400HN**	½" x 3¾"	2¼"	25
78205153351	**ASA-50-525HN**	½" x 5¼"	2¼"	25
78101103002	**ASA-50-600HN**	½" x 6"	2¼"	10
78101103003	**ASA-62-225HN**	⅝" x 2½"	2⅛"	25
78101103004	**ASA-62-300HN**	⅝" x 3"	2¾"	25
78101103005	**ASA-62-425HN**	⅝" x 4¼"	2¾"	10
78101103006	**ASA-62-600HN**	⅝" x 5¾"	2¾"	10
78101103007	**ASA-75-250HN**	¾" x 2¾"	2⅛"	10
78101103008	**ASA-75-425HN**	¾" x 4¼"	3⅜"	10
78101103009	**ASA-75-625HN**	¾" x 6¼"	3⅜"	10
Hex Nut Style - Stainless Steel				
78205153343	**ASA-37-187HNSS4**	⅜" x 1⅞"	1⅝"	50
78205153345	**ASA-37-300HNSS4**	⅜" x 3"	1⅝"	50
78205153347	**ASA-50-225HNSS4**	½" x 2½"	2⅛"	25
78205153349	**ASA-50-300HNSS4**	½" x 3"	2¼"	25
78205153350	**ASA-50-400HNSS4**	½" x 3¾"	2¼"	25
78205153352	**ASA-62-425HNSS4**	⅝" x 4¼"	2¾"	10
Acorn Nut Style				
78205153341	**ASA-25-62AN**	¼" x ⅝"	½"	100
78101102991	**ASA-25-137AN**	¼" x 1⅜"	1⅛"	100
78101102992	**ASA-25-225AN**	¼" x 2¼"	1⅛"	100
Slotted Round Head Style				
78205153338	**ASA-25-112RS**	¼" x 1⅜"	1"	100
78205153340	**ASA-25-200RS**	¼" x 2¼"	1⅛"	100

UPC/Part Number	Catalog Number	Size	Drill Diameter	Box Qty.
Rod Hanger				
78205153339	**ASA-25-150RH**	¼" x 1½"	5⁄16"	50
78205153344	**ASA-37-187RH**	⅜" x 1⅞"	⅜"	50
78205153348	**ASA-50-225RH**	½" x 2¼"	½"	25
Wire Hanger				
78205153342	**ASA-31-150WH**	5⁄16" x 2⅜"	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	¼"	⅜"	½"	⅝"
ANSI Drill Bit Size (in.)	½	¾	⅞	1
Max. Tightening Torque (ft-lbs)	5	10	20	30
Thread Size (UNC)	¼"-20	⅜"-16	½"-13	⅝"-11
Thread Length In Cone (in.)	½	⅝	¾	⅞
Min. Embedment Depth (in.)	1¼	1¾	2¼	2½
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.
Double Expansion Anchor				
78101103251	**ADE-25**	¼"	1⅜"	50
78101103253	**ADE-37**	⅜"	2"	50
78101103254	**ADE-50**	½"	2½"	25
78101103256	**ADE-62**	⅝"	2¾"	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	¼"	⅜"	½"	⅝"
ANSI Drill Bit Size (in.)	½	¾	⅞	1
Max. Tightening Torque (ft-lbs)	5	10	20	30
Thread Size (UNC)	¼"-20	⅜"-16	½"-13	⅝"-11
Thread Length In Cone (in.)	5⁄16	5⁄16	7⁄16	⅝
Min. Embedment Depth (in.)	1⅜	1⅝	2½	2¾
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.
Single Expansion Anchor				
78101103245	**ASE-25**	¼"	1 5⁄16"	50
78101103247	**ASE-37**	⅜"	1½"	50
78101103248	**ASE-50**	½"	2 1⁄16"	25
78101103249	**ASE-62**	⅝"	2⅝"	25

‡ Not ICC-ES listed

Read safety/installation instruction sheets in packages before use.

Wood-Knocker II† 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	¼"	⅜"	½"	⅝"	¾"
Insert Thread Length (in.)	⅜	⅝	11⁄16	15⁄16	1⅛
Plastic Flange Diameter (in.)	1⅜	1⅜	1⅜	1⅝	1⅝
Thread Size (UNC)	¼"-20	⅜"-16	½"-13	⅝"-11	¾"-10
Overall Length (in.)	1⅞	1⅞	1⅞	1⅞	1⅞
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 1⅞". 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.
Wood-Knocker-II				
79903875912	**ACPW-25-2**	¼"	Brown	100
79903875913	**ACPW-37-2**	⅜"	Green	100
79903875938	**ACPW-3750-2**	⅜"-½"	Gray	100
79903875914	**ACPW-50-2**	½"	Yellow	100
79903875915	**ACPW-62-2**	⅝"	Red	50
79903875916	**ACPW-75-2**	¾"	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†+ Anchors

- Bang-It™+ 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 bing 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.



Bang-It™+ - Data	¼"	⅜"	½"	⅝"	¾"
Metal Hole Saw Diameter (in.)	13⁄16	13⁄16	13⁄16	13⁄16	1 3⁄16
Drilling Speed (rpm)	700-900	700-900	700-900	500-700	500-700
Insert Thread Length (in.)	⅜	⅝	11⁄16	15⁄16	1⅛
Length of Sleeve (in.)	3⅜	3⅜	3⅜	3⅜	3⅜
Thread Size (UNC)	¼"-20	⅜"-16	½"-13	⅝"-11	¾"-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".

UPC/Part Number	Catalog Number	Rod Diameter	Color	Box Qty.
Bang-It™+ Inserts				
78205131154	**ACPD-25**	¼"	Brown	100
78205131156	**ACPD-37**	⅜"	Green	100
79903875937	**ACPD-3750-2**	⅜"-½"	Gray	100
78205131157	**ACPD-50**	½"	Yellow	100
78205131158	**ACPD-62**	⅝"	Red	50
78205131166	**ACPD-75**	¾"	Purple	50
Bang-It™+ Hole Saws				
79903875911	**ACPD-HS813-2**	13⁄16" Carbide Hole Saw for ¼", ⅜", ½", ⅞"		1
79903875910	**ACPD-HS1188-2**	1 3⁄16" Carbide Hole Saw for ⅝", ¾", 1 13⁄16"		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.
Machine Screw Anchor			
78101103239	**AMS-25**	¼"	100
78101103242	**AMS-37**	⅜"	50
78101103243	**AMS-50**	½"	50
Setting Tool			
78205109765	**9221**	¼"	1
78205109767	**9231**	⅜"	1
78205109768	**9241**	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	⅜"
ANSI Drill Bit Size (in.)	½
Min. Concrete Thickness (in.)	4
Max. Tightening Torque (ft-lbs)	8
Min. Embedment Depth (in.)	1⅝
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	**ATM-37**	⅜"	1 1/16"	50
Tool				
78205153363	**6407 SD**	⅜"	–	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.
Drive Nail Anchor			
78101102964	**ADN-18-87**	3/16" x 7/8"	100
78101102965	**ADN-25-75**	1/4" x 3/4"	100
78101102966	**ADN-25-100**	1/4" x 1"	100
78101102967	**ADN-25-125**	1/4" x 1 1/4"	100
78101102968	**ADN-25-150**	1/4" x 1 1/2"	100
78101102969	**ADN-25-200**	1/4" x 2"	100
78205153306	**ADN-25-300**	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	3/16"		1/4"		3/8"	
	Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)
3/8" Wallboard	35	35	55	55	60	65
1/2" Wallboard	45	50	60	60	65	75
5/8" Wallboard	60	60	65	65	75	80
3/4" 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.
Toggle Bolt				
78205153354	**ATB-18-300**	1/2"	3/16" x 3"	50
78205153355	**ATB-18-400**	1/2"	3/16" x 4"	50
78205153356	**ATB-25-300**	5/8"	1/4" x 3"	50
78205153357	**ATB-25-400**	5/8"	1/4" x 4"	50
78205153358	**ATB-37-300**	7/8"	3/8" x 3"	25
78205153359	**ATB-37-400**	7/8"	3/8" 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 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 *	3/4"	90	260
1/2" Wallboard	NA	20	60
5/8" Wallboard	NA	35	90
3/4" Plywood	NA	65	150
Grout-Filled Concrete Masonry	1"	55	165
Hollow Concrete Masonry	1"	60	165
Brick Masonry	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.
Wall Screw				
78205153372	**AWS-CH**	3/16" x 1 1/4"	Combo	100
78205153373	**AWS-OH**	3/16" x 1 1/4"	Oval	100
78205153374	**AWS-PH**	3/16" x 1 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.
Plastic Screw Anchors			
78205153315	**APS-4**	#4 - #10	100
78205153316	**APS-6**	#6 - #12	100
78205153319	**APS-8**	#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"	¼"	3⁄8"	½"
Thread Size (UNC)	3⁄16"-24	¼"-20	3⁄8"-16	½"-13
Max. Tightening Torque (ft-lbs)	5	5	5	5
Minimum Clearance (in.)	1⅞"	1⅞"	1⅞"	1⅞"

Plastic Hollow Wall - Data	3⁄16"		¼"		3⁄8"		½"	
	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
½" Wallboard	35	70	35	75	40	75	40	90
5⁄8" Wallboard	50	95	55	105	55	105	55	110
¾" 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.
Plastic Hollow Wall Anchor					
78205153311	**APH-18**	3⁄16" x 4"	½"	3⁄8" - 2½"	50
78205153312	**APH-25**	¼" x 4"	½"	3⁄8" - 2½"	50
78205153313	**APH-37**	3⁄8" x 4"	¾"	3⁄8" - 2½"	25
78205153314	**APH-50**	½" x 4"	¾"	3⁄8" - 2½"	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 ⅜" to 1" wallboard.
- APDM/AZDM designed for use in ⅜" to ⅝" 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 11/16	1 5/16
Min. Screw Engagement (in.)	¾	¾

Self-Drilling Wallboard Anchor - Data	APD/AZD		APDM/AZDM	
	Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)
⅜" Wallboard	15	15	10	15
½" Wallboard	15	20	15	15
⅝" Wallboard	20	25	20	20
¾" 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.
Self-Drilling Wallboard Anchor			
78101103314	**APD-8K**	#8 x 1"	100/kit
78101103318	**AZD-8K**	#8 x 1"	100/kit
78205153310	**APDM-6K**	#6 x 1"	100/kit
78205153375	**AZDM-6K**	#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.
Plastic Conical Anchor			
78205153307	**APC-8K**	#8 x 1"	100
78205153308	**APC-10K**	#10 x 1"	100
78205153309	**APC-12K**	#12 x 1"	100

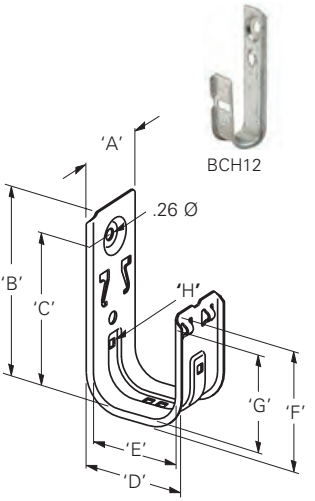
‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.

Cable Hook Technical Data

Single-Sided Single-Tier Cable Fasteners

Hook Size In.	'A' In.	'B' In.	'C' In.	'D' In.	'E' In.	'F' In.	'G' In.	'H' In.
¾	.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

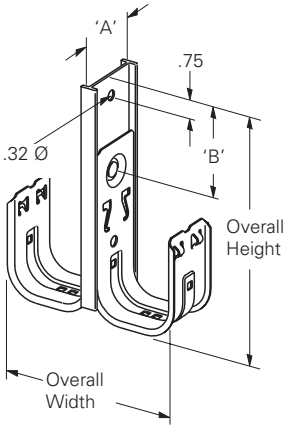


Load Capacity

Cable Hook Size In.	Static Load Capacity (S.F. 3) Galvanized & Stainless Steel Lbs.
¾	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

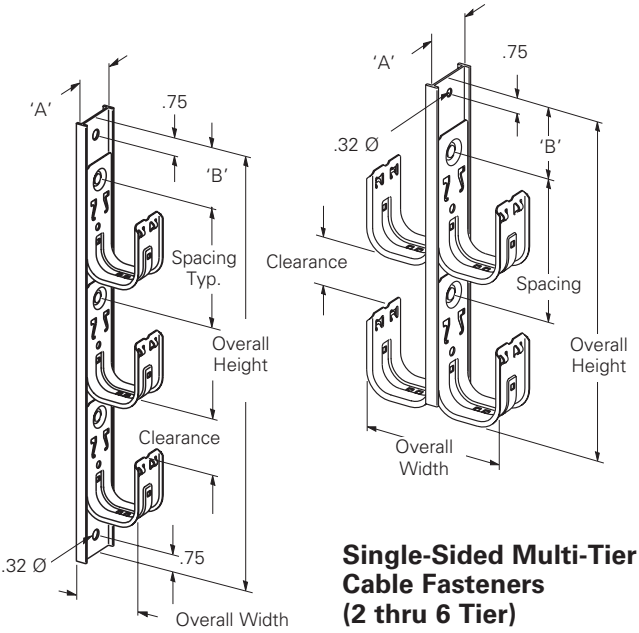


Hook Size In.	'A' In.	'B' In.	Overall Height In.	Overall Width In.
1 5/16	1.90	2.50	5.50	3.47
2	1.90	2.50	6.19	4.85
4	2.38	2.94	9.00	9.19

Cable Hook Technical Data

Double-Sided Double-Tier Cable Fasteners

Hook Size In.	'A' In.	'B' In.	Spacing In.	Clearance In.	Overall Height In.	Overall Width In.
1 5/16	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' In.	'B' In.	Spacing In.	Clearance In.	Overall Height In.	Overall Width In.
1 5/16	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

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.
⅜	0.675	0.493	51.5	65.1
½	0.840	0.632	79.0	101.1
¾	1.050	0.836	105.0	145.8
1	1.315	1.063	153.0	219.3
1¼	1.660	1.394	201.0	318.3
1½	1.900	1.624	249.0	408.8
2	2.375	2.083	332.0	593.8
2½	2.875	2.489	527.0	901.0
3	3.500	3.090	682.0	1259.0
3½	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.
½	0.815	0.745	60.0	82.1
¾	1.029	0.954	82.0	122.8
1	1.290	1.205	116.0	182.3
1¼	1.638	1.553	150.0	267.3
1½	1.883	1.793	182.0	341.8
2	2.360	2.266	242.0	503.8
2½	2.857	2.727	401.0	775.0
3	3.476	3.346	493.0	1069.0
3½	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.
3/8	0.577	0.493	23.0	36.6
1/2	0.706	0.622	28.5	50.6
3/4	0.922	0.824	43.5	84.3
1	1.163	1.049	64.0	130.3
1 1/4	1.510	1.380	95.0	212.3
1 1/2	1.740	1.610	110.0	269.8
2	2.197	2.067	140.0	401.8
2 1/2	2.875	2.731	205.0	579.0
3	3.500	3.356	250.0	826.3
3 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.
1/2	0.840	0.632	27.4	49.5
3/4	1.050	0.836	36.4	77.2
1	1.315	1.063	53.0	119.3
1 1/4	1.660	1.394	69.6	186.9
1 1/2	1.900	1.624	82.2	242.0
2	2.375	2.083	115.7	377.5
2 1/2	2.875	2.489	182.5	556.5
3	3.500	3.090	238.9	815.2
3 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 In.	Outside Diameter In.	Wall Thickness In.	Weight of Pipe Lbs. Per Ft.	Weight of Water 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 In.	Outside Diameter In.	Nominal Inside Diameter In.	Minimum Weight of Conduit Lbs. Per 100 Ft.	Weight of Conduit and Conductors 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 $in.^2$	240 lbs.
5/16"-18	0.045 $in.^2$	400 lbs.
3/8"-16	0.068 $in.^2$	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

Type NM -- Non-Metallic Sheathed Cable

Size AWG	Number of Strands	Ground Wire Size	Approximate O.D. In.	Approximate Weight Lbs. Per 100 Ft.
		Without Ground Wire		
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
		With Ground Wire		
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

Trade Size	Armor O.D. In.	Approximate Weight Lbs. Per 100 Ft.
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

Top 100 Caddy®† to B-Line series fastener cross reference

Caddy No.	Eaton No.
SCH6B	B1506S
SCH8B	B1508S
SCH12	B1512
SCH12B	B1512S
SCH16B	B1516S
SCH20B	B1520S
AMR1224SG	B1AJ-1
AMR1224SG	B1AJ-2
AMR1024DG	B2AJ
IDS	BA1
512	BA12
515	BA15
4G16	BA-4-16
512HD	BA50
512A	BA50A
512HDEEP	BA50D
512HDFM70	BA50F
MP1	BB10
MPLS	BB10L
MP1S	BB15
TSGB16	BB2-16T (NEW)
TSGB24	BB2-24T (NEW)
TSGLDR1	BB2CL
TSGLDR1	BB2TSC
TSGLDR1	BB2TSC
CS812	BB38
CS812D	BB38D
H23	BB4-23
H4	BB4-4
H6	BB4-6
TSRBS1625	BB7-16
TSRBS1625	BB7-24
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
CAT32HPAFAB6	BCH32-AB
CAT32HPBCB	BCH32-C2
CAT32HPAB	BCH32-RB
CAT32HP24	BCH32-U-2-4
CAT32HP4Z34	BCH32-W2
CAT64HP	BCH64
CAT64HPAFAB6	BCH64-AB
CAT64HPAB	BCH64-RB

Top 100 Caddy®† to B-Line series fastener cross reference

Caddy No.	Eaton No.
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
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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®† to B-Line series fastener cross reference

Orbit No.	Eaton No.
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
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U.S. Customer Service Center is staffed Monday through Friday from 7 a.m. to 5:00 p.m. Central Standard Time.

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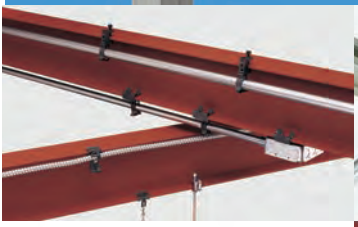
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B-LINE SERIES

Fasteners BLF-18

Spring steel fasteners











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Introduction

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- BB2T Series telescoping box mounting bracket with increased rigidity, new box mounting depths and accessories. For more information, visit Eaton.com/BB2.
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- BB8 Series box mounting bracket with integrated cable containment for lower installed costs. For more information, visit 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.
- KwikWire™ hanging system and accessories that help save time during installation. For more information, visit Eaton.com/kwikwire.

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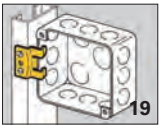
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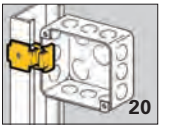
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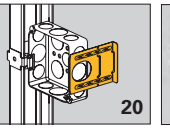
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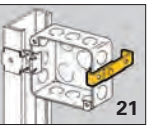
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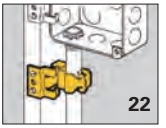
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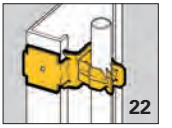


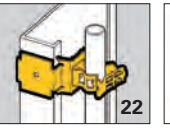






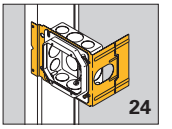


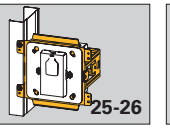


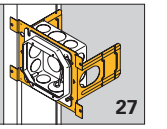


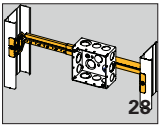


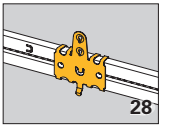


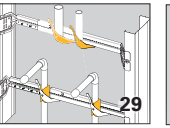


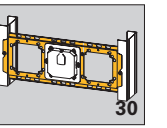


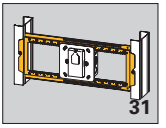


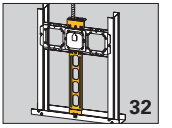


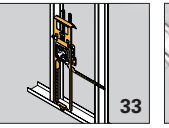


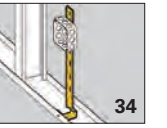


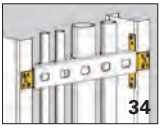


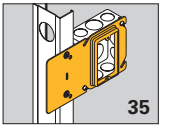


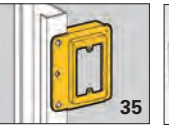


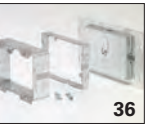


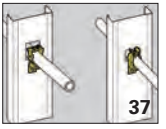


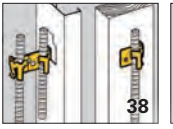


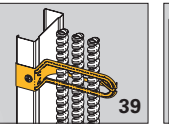


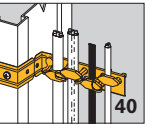


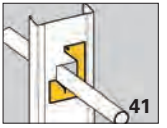


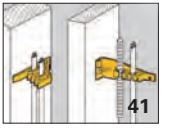


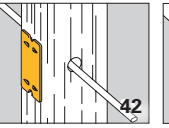


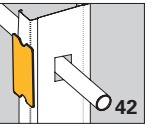


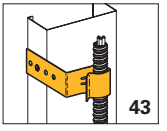


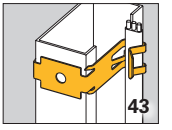


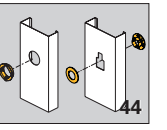




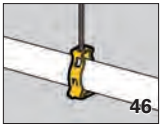


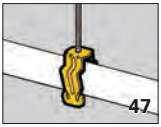


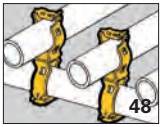


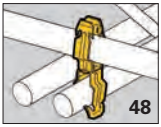


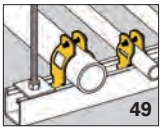
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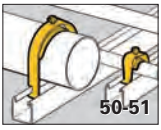


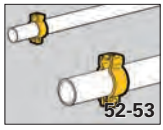


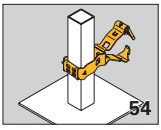


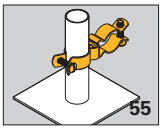


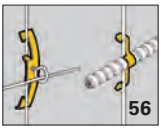


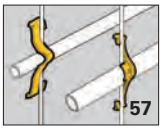


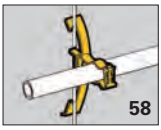


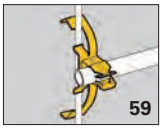


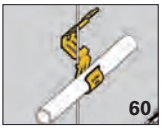


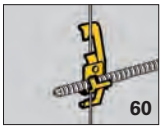


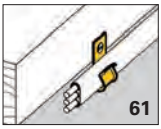


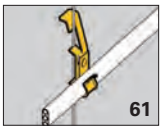


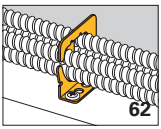


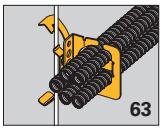


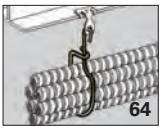


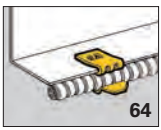


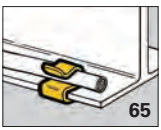


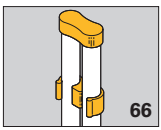


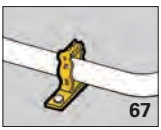


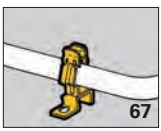


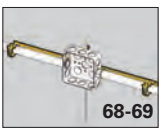


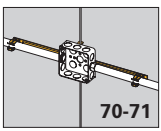


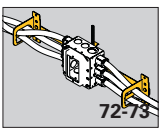




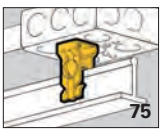


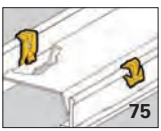


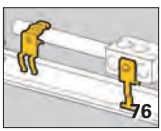


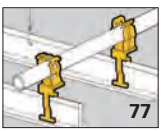


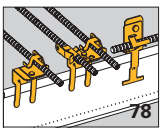
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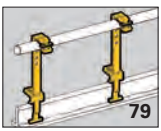


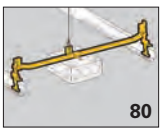


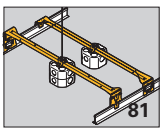


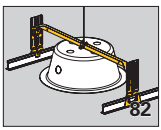


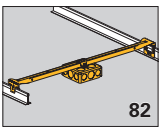


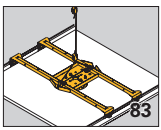


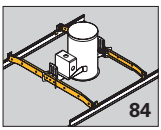






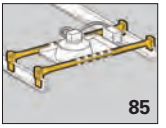


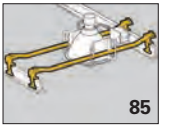


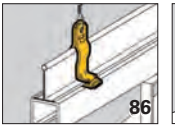


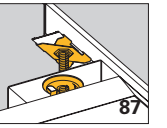
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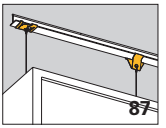
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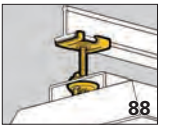


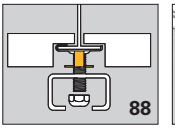


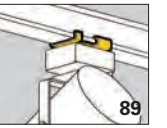


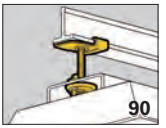


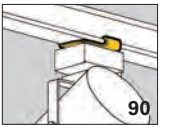


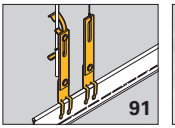






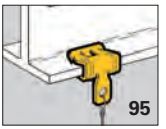


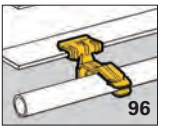


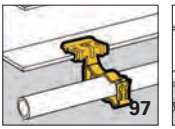


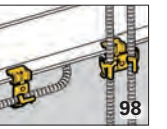


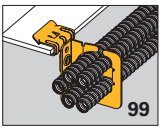
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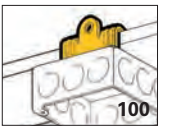


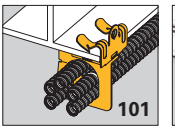


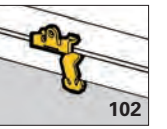


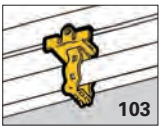


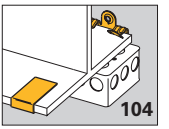


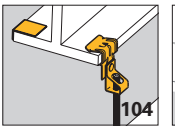


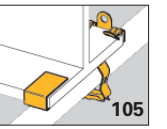


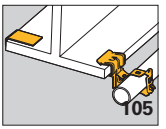


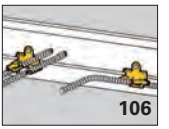


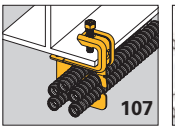


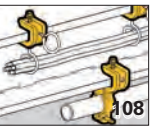


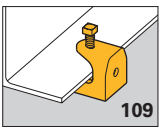


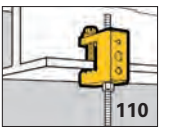


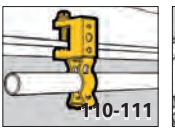


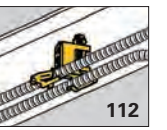


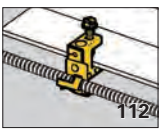


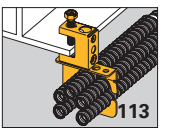


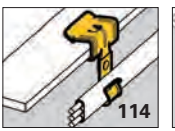




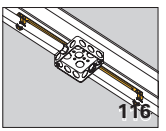


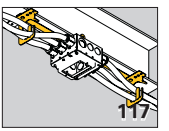




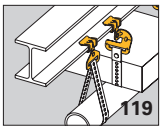


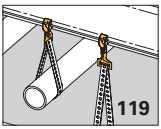


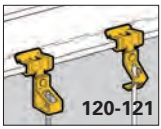




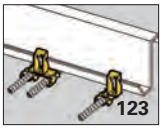
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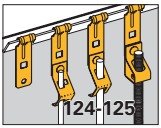


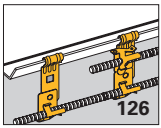


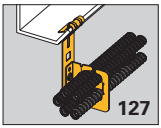


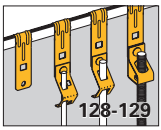


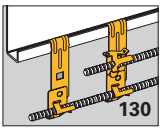


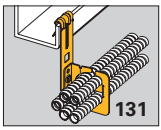


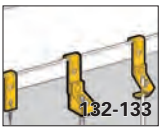


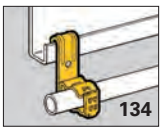


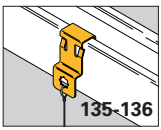


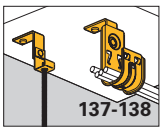




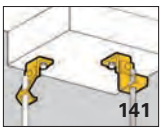


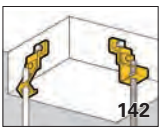


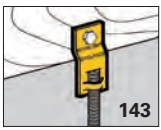


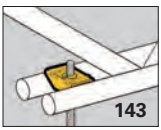


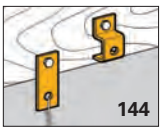


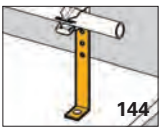


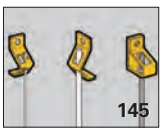




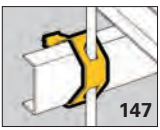


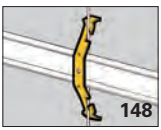


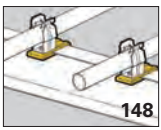


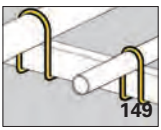


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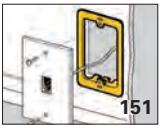


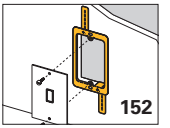


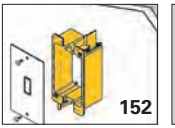


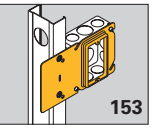
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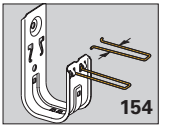


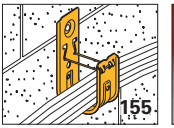






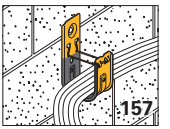


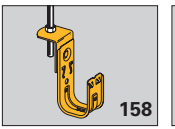


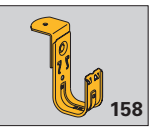


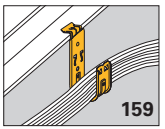


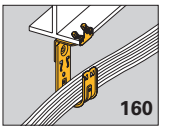


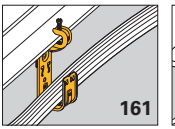


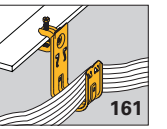


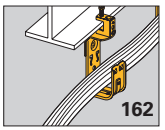


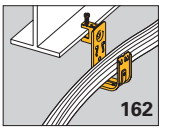


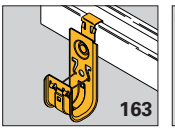


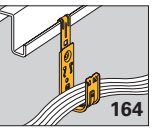


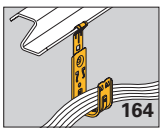


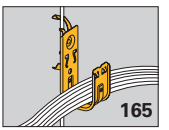


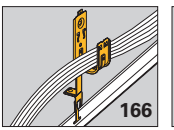


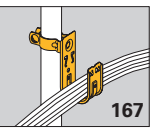


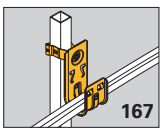


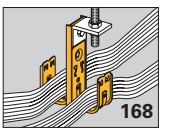


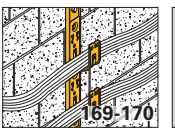


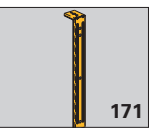


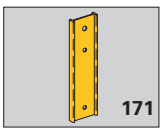


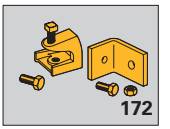


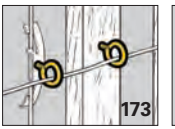


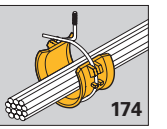


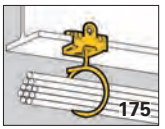


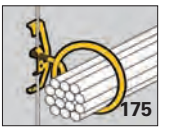


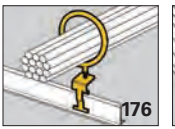


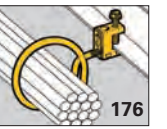


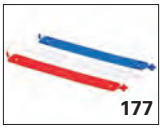


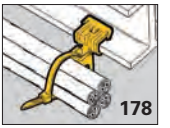


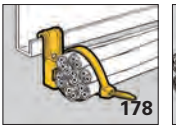


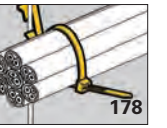




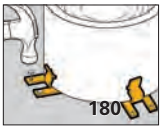


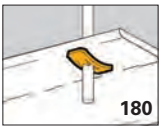


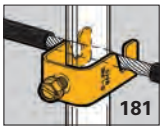


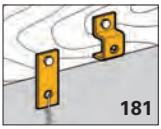


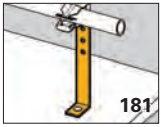
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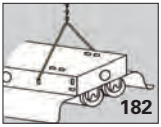


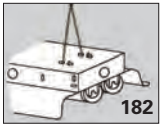


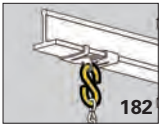


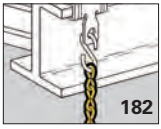








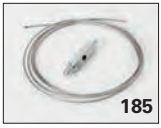


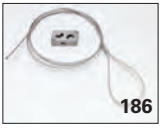




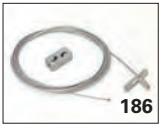


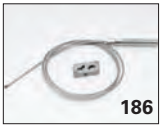














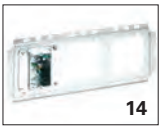


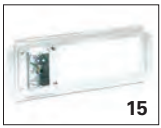




Ruff-IN Pre-Fab

















Pictorial index

Anchors


191-192

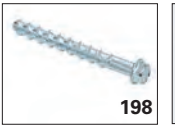

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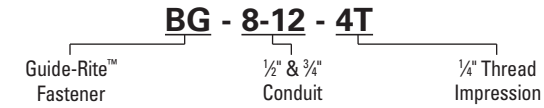

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This part numbering guide can be used to quickly translate our part numbers into meaningful data.

BG - 8-12 - 4T

Family	Size	Suffix
A Series - Anchors	Based on 16th of an inch	AS - Anchor Strap
* B Series - Pipe Strap		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.



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

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



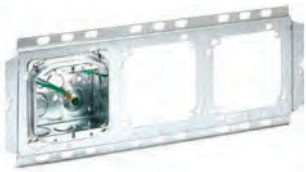
BB2TSC Series

- Increased strength and rigidity help withstand the stress of 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



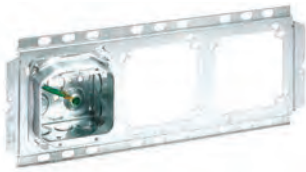
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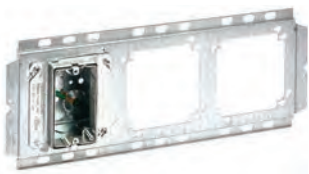
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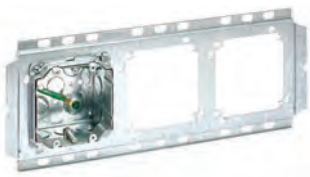
BB816-204DA-2-X-X



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



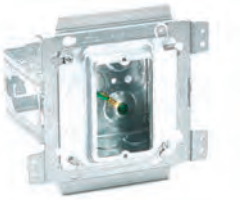
BB716-RR5DA-2-X-X



BB700 Series

- Interlocking wrap-around design provides extra rigidity
- Bracket pre-assembled at 3⅝", back tabs can be folded out for 4", purchase BB70E as add on for 5½" and 6" stud spacing options
- Multiple brackets may be ganged together

BB70-358-1104DA



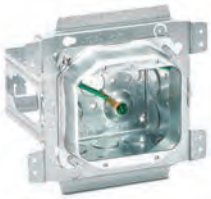
BB70-358-2104DA



BB70-358-1204DA



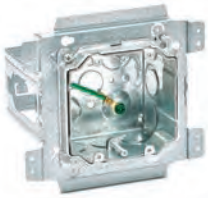
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BB70-358-1AJ4DA



BB70-358-2AJ4DA



BB70-358-1RR4DA

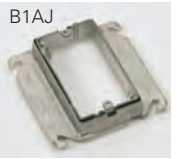


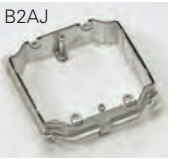
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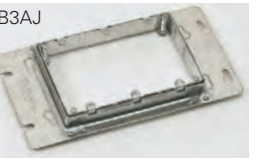


Adjustable plaster rings

- Adjustable plaster ring can be used with 4" square, 2⅛" 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



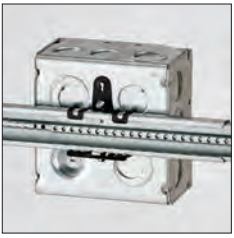






UPC/Part Number	Catalog Number	Description	Depth	Box Qty.
799038 75321	**B1AJ-1**	One Device Adjustable Ring	⅝" - 1¼"	25
782051 49200	**B1AJ-2**	One Device Adjustable Ring	¾" - 1½"	25
782051 49201	**B2AJ**	Two Device Adjustable Ring	⅝" - 1½"	25
782051 53426	**B3AJ**	Three Device Adjustable Ring	¾" - 1½"	25
782051 53427	**BRAJ**	Round Device Adjustable Ring	¾" - 1½"	25



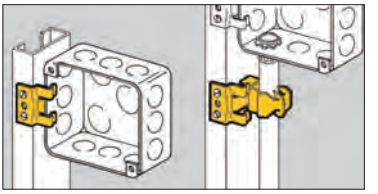








Wall studs



- 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	**BB1**	Electrical Box Support Clip	100

Guide-Rite Conduit To Stud Fastener



UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Box Qty.
78101118420	**BG-6-B1** *	⅜"	100
781011 18475	**BG-8-12-B1**	½", ¾"	100
781011 18555	**BG-16-B1**	1"	100

Patent #4958792

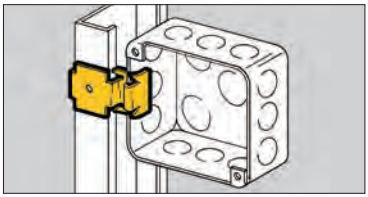
* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5⁄16" or ⅜" flexible conduit

Push Type Conduit To Stud Fastener



UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
781011 19245	**BP-8-B1**	½" EMT	100
781011 19345	**BP-12-B1**	¾" EMT, ½" IMC, Rigid	100
781011 19440	**BP-16-B1**	1" EMT, ¾" IMC, Rigid	100

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

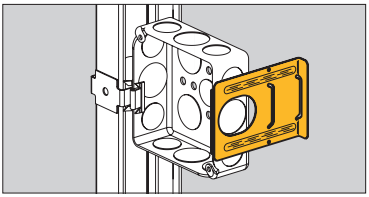


- Attaches electrical boxes (requiring plaster rings) to most metal studs.
- Box mounts flush to back of drywall.
- Simply installed with a hammer.

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



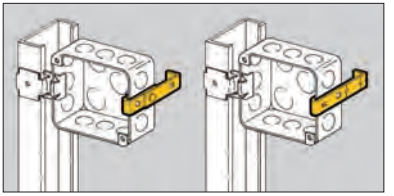
BB12



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.



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

Box Stabilizer



BF1-96



BF1-64



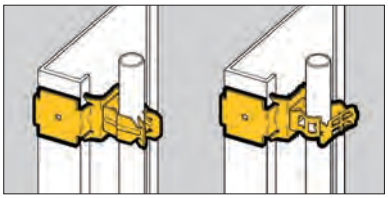
BF1-56



BF1-40

UPC/Part Number	Catalog Number	Metal Stud Size	Box Qty.
78101118320	**BF1-40**	2½"	100
78101118325	**BF1-56**	3½"	100
78101118330	**BF1-64**	4"	100
78101118335	**BF1-96**	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	**BG-6-B5** *	⅜" or BX	100
78101118480	**BG-8-12-B5**	½", ¾"	100
78101118560	**BG-16-B5**	1"	100
78101118645	**BG-20-B5**	1¼"	50

Patent #4958792

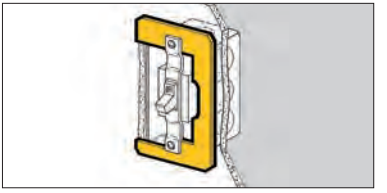
* BG-6 will accept the following range Ø.420 - Ø.675:
14/2 thru 10/4 MC/AC cable and 5/16" or ⅜" flexible conduit

Push Type Conduit To Stud Fastener



UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101119250	**BP-8-B5**	½" EMT	100
78101119350	**BP-12-B5**	¾" EMT, ½" IMC, Rigid	100
78101119445	**BP-16-B5**	1" EMT, ¾" IMC, Rigid	100

Wall studs



Retainer Leveler

- 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.

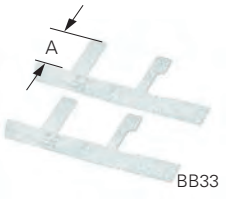


UPC/Part Number	Catalog Number	Description	Box Qty.
78101118215	**BB32**	Adds Rigidity to Oversize Wall Openings	100

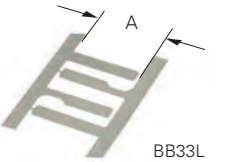


Box Support

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



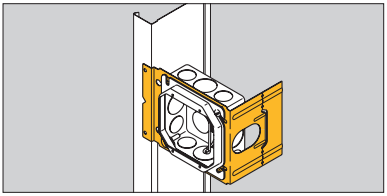
BB33



BB33L

UPC/Part Number	Catalog Number	Description	Length A	Box Qty.
78101101138	**BB33**	Box Support	1½"	100 pr.
78101104936	**BB33L**	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 11/16" square boxes.
- Brackets may be piggy-backed in series.
- Finish: Pre-Galvanized.
- Contact factory for pre-fab box assemblies.



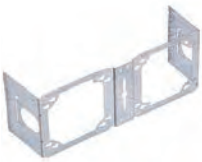
BB4-23



BB4-4



BB4-6



BB4-23D



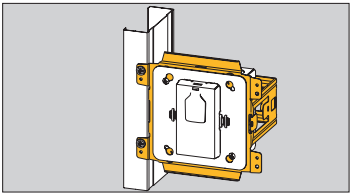
BB4-4D



BB4-6D

UPC/Part Number	Catalog Number	Metal Stud Size	Box Qty.
78101118190	**BB4-23**	3⅝", 2½"	100
78101118200	**BB4-4**	4", 3⅝", 2½"	100
78101118202	**BB4-6**	6", 5½", 3⅝", 2½"	100
79903848375	**BB4-23D**	3⅝", 2½"	50
79903848376	**BB4-4D**	4", 3⅝", 2½"	50
79903848377	**BB4-6D**	6", 5½", 3⅝", 2½"	50

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



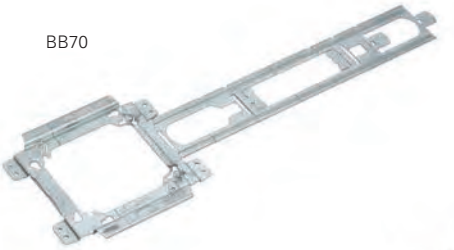
Box Support Brackets

- 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 1/16" SQ., and 5" SQ. on either side of the stud.

- 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	**BB70**	2½" - 4"	50
79903856400	**BB70E***	5½" - 6"	50

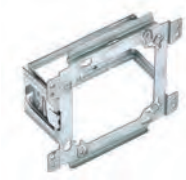
* Must be used with BB70.



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



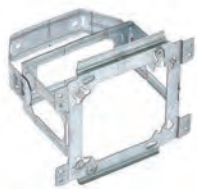
2½"



3⅝"



4"



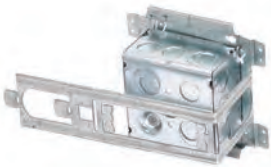
6"

For 5½" depth, snap the BB70E into the next notch on the bracket side

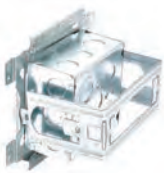
Bending Bracket for 3⅝" depth

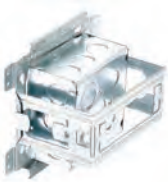




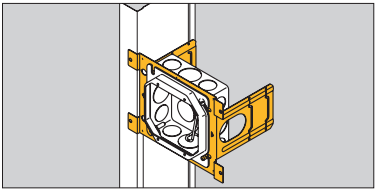








Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

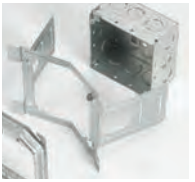


Double-Sided Box Support Bracket w/ Marty-Mouse Ears

- 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 out performs competitor brackets.
- Contact factory for pre-fab box assemblies.
- Finish: Pre-Galvanized.



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



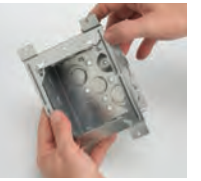
2. Insert box screws into open slots



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



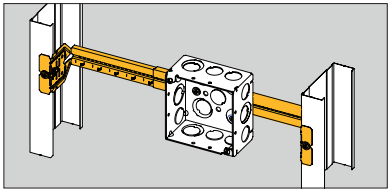
4. With the tabs closed, the box remains secured to the bracket when the plaster ring is removed



UPC/Part Number	Catalog Number	Stud Size	Box Qty.
78205138645	**BB73**	3⅝", 2½"	50
78205138717	**BB74**	4", 3⅝", 2½"	50
78205138759	**BB76**	6", 5½", 3⅝", 2½"	25

Patent # 5595362

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

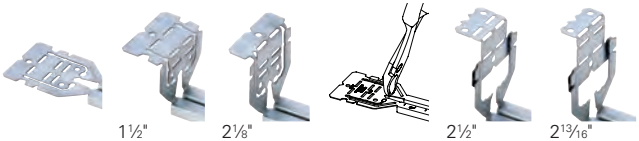


Telescoping Box Mounting Bracket

- Completely adjustable fits a range of stud spacings
- Mounts 1½", 2⅛", 2½", and 2¹³⁄₁₆" 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.



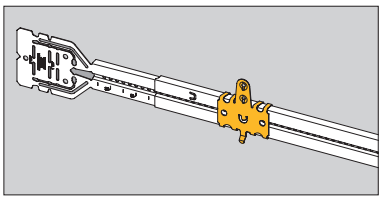
BB2-24T



1½" 2⅛" 2½" 2¹³⁄₁₆"

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

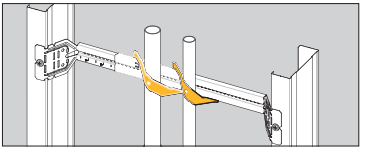


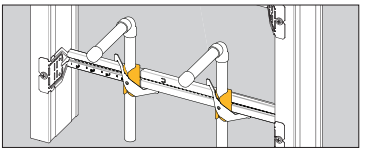
UPC/Part Number	Catalog Number	Stud Spacing	Box Qty.
79903863003	**BB2TSC**	Box Mounting Clip	100

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

UPC/Part Number	Catalog Number	Description	Box Qty.
79903863004	**BB2TPC-038**	Pipe/Conduit Clamp ⅜"	100
79903863005	**BB2TPC-050**	Pipe/Conduit Clamp ½"	100
79903863006	**BB2TPC-075**	Pipe/Conduit Clamp ¾"	100
79903863007	**BB2TPC-100**	Pipe/Conduit Clamp 1"	100
79903863013	**BB2TCT-050**	Copper Pipe Insulator Sleeve ½"	100
79903863015	**BB2TCT-075**	Copper Pipe Insulator Sleeve ¾"	100 100
79903863016	**BB2TCT-100**	Copper Pipe Insulator Sleeve 1"	100 100

U.S. Patent 9,791,073

Note: Secures to B-Line BB2-16T and BB2-24T telescoping brackets only. For a standard 2⅛" deep box, the stud depth must be 3½" or greater. For a shallow 1½" deep box, the stud depth must be 2½" or greater.

Mounting Screws



BWHS-9

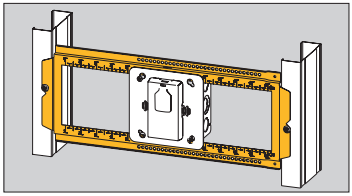


BWHS-9D

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101675	**BWHS-9**	#8 x 9⁄16" Sheet Metal Screw	1000
78101104925	**BWHS-9D**	#8 x 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.

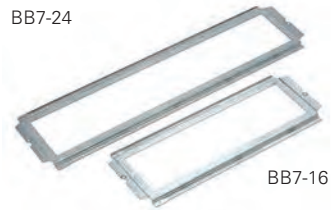


Open Box Mounting Bracket

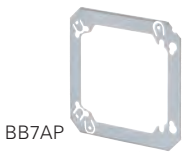
- Open box support allows for adjustability of box position between studs.
- Supports most US and Canadian boxes and/or plaster rings 4" SQ., 4 1/16" SQ., 5" SQ., and multi-gang boxes.
- Fits up to 1½" wide studs 16" to 24" on center.
- Compatible with Rapid Ring™ & adjustable plaster rings.
- Field cut to adjust to non-standard stud spacings.
- Stamped markings at ¼", ½", 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.

BB7-24



BB7-16



BB7AP

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

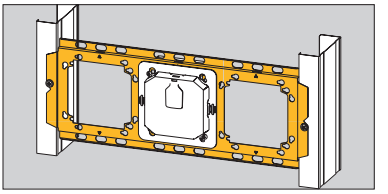
Can be cut on a mark to make shorter length brackets.



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



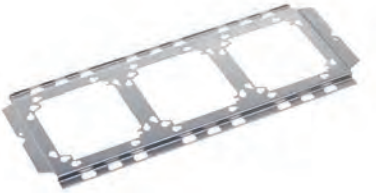
Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.



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 11/16" 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



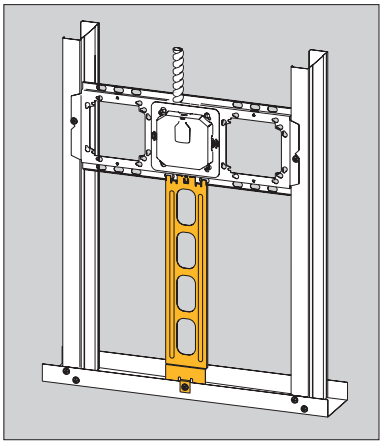
BB8-16



BB8-24

UPC/Part Number	Catalog Number	Description	Box Qty.
78101102898	**BB8-16**	16" Stud Spacing	25
78101102900	**BB8-24**	24" 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)



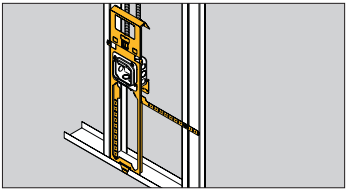




BBFS-18

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



BBF15



BBFC



BBF18



BBF24



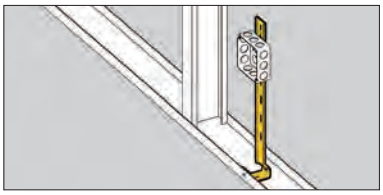
BBFxxC

- 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	**BBF15**	15" Floorstand	25
78205152945	**BBF18**	18" Floorstand	25
78205152946	**BBF24**	24" Floorstand	25
78205152947	**BBFC**	Containment Clip	25
78205152948	**BBF15C**	15" Floorstand with Cable Clip	25
78205152949	**BBF18C**	18" Floorstand with Cable Clip	25
78205152950	**BBF24C**	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.

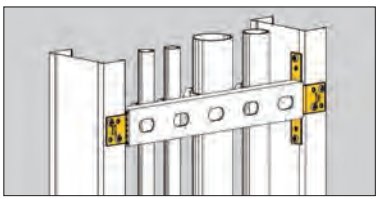


Floor Mounted Box Support



- 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	**BB-18**	Floor Mounted Box Support	50



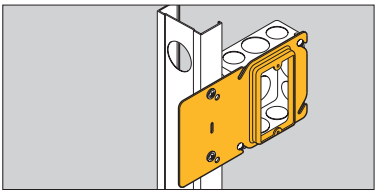
Strut Mounting Brackets



- Attaches 1 3/16" strut, 1½" lathers channel, ½" EMT or ¾" EMT to metal studs.
- Provides support for vertical runs of conduit.
- Finish: Pre-Galvanized.

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101658	**BMB1**	Strut Mounting Bracket	25 pr.

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



Uni-Mount Box Support/Cover Plate Mounting Bracket

- 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.

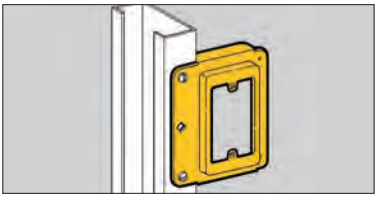
Single Gang
BB40 Series





Double Gang
BB45 Series

UPC/Part Number	Catalog Number	Description	Box Qty.
78205122768	**BB40-08**	½" Raise	50
78205122771	**BB40-10**	⅝" Raise	50
78205122772	**BB40-12**	¾" Raise	50
78205122773	**BB45-08**	½" Raise	50
78205122774	**BB45-10**	⅝" Raise	50
78205122775	**BB45-12**	¾" Raise	50



Cover Plate Mounting Bracket



- Provides attachment base for low voltage outlets.
- Replaces electrical box in Class 2 low voltage installations.
- Can be piggy-backed.
- For ½" and ⅝" drywall applications.
- Finish: Pre-Galvanized.

UPC/Part Number	Catalog Number	Description	Box Qty.
78101119873	**BB15**	Single Gang Stud Bracket	50

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

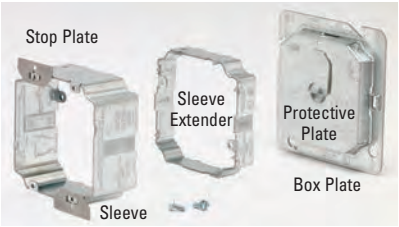
Rapid Ring
Self Adjusting Pre-Fab Ring

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!



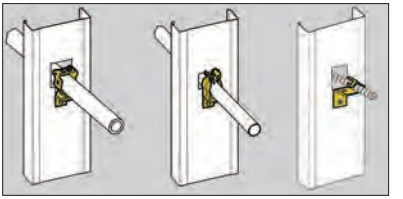
For Use With Wiring Device Qty.	Electrical Box [5]	Box Plate [1] Cat. No.	Sleeve [2,3] Cat. No. Cat. No.	Sleeve Extender [4]
1	4" sq.	**B1RRP4C**	**B1RRR**	**B1RRE**
1	4 11/16" sq.	**B1RRP5C**	**B1RRR**	**B1RRE**
2	4" sq.	**B2RRP4C**	**B2RRR**	**B2RRE**
2	4 11/16" sq.	**B2RRP5C**	**B2RRR**	**B2RRE**
3	3-gang [6]	**B3RRPC**	**B3RRR**	**B3RRE**
4	4-gang [7]	**B4RRPC**	**B4RRR**	**B4RRE**
Double Drywall Cover		**B1RRC-1.5**	**B2RRC-1.5**	

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 2⅛"
6. Keyhole knockouts allow use on 2-gang electrical box.
7. Keyhole knockouts allow use on 3-gang electrical box.

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

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

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



BG-x-H7



BP-x-H7
(Not UL)



BX4-H7

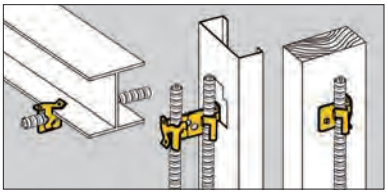


BX4M-H7
(Not UL)

UPC/Part Number	Catalog Number	Conduit/Cable Size	Box Qty.
78101101228	**BG-6-H7** *	⅜", MC, AC, or FMC	100
78101110238 Patent #4958792	**BG-8-12-H7**	½" or ¾"	100
78101101227	**BP-8-H7**	½" EMT	100
78101101226	**BP-12-H7**	¾" EMT ½" IMC, Rigid	100
78101101200	**BX4-H7**	MC, AC, or FMC	100
78101101205	**BX4M-H7**	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 ⅜" flexible conduit

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



Flexible Conduit/ Cable Fasteners

- Attaches MC, AC, sizes 14/2 through 10/3 or ⅜" 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 1¼" from face of stud as required by NEC Article 300.4(D).



BX4



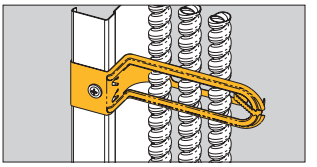
BX4M



BX4MD

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101079	**BX4**	Single Runs	100
78101101080	**BX4M**	Double Runs	100
78101101224	**BX4MD**	Up to 4 Runs	100

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





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	**BRC6M**	1¼"	50
79903843762	**BRC6M-1**	All	50

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



BRCJ



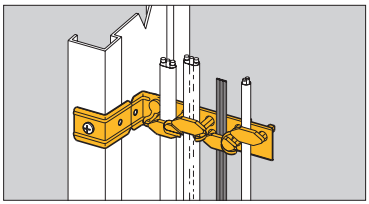
- Ensures cables are positioned 1¼" from the face of the stud.

UPC/Part Number	Catalog Number	Stud Size	Box Qty.
79903862843	**BRCJ**	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 Conduit (BX)	5/16"	6	4
	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.



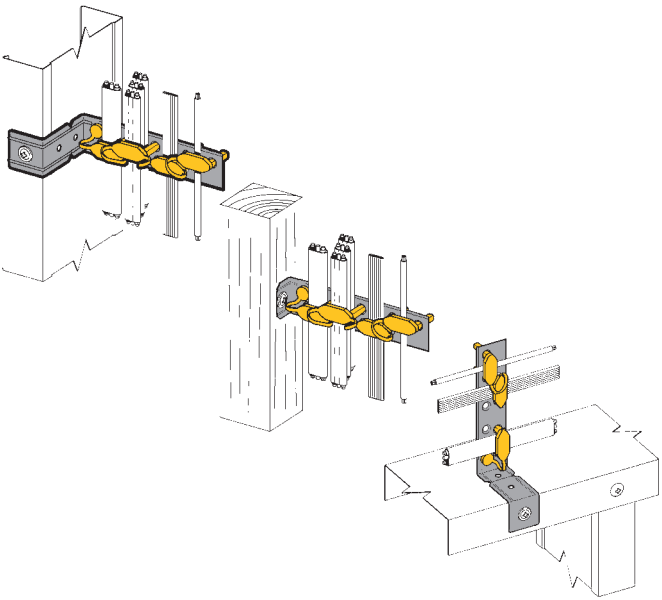
Staple-Lok Multi-Purpose Cable Support

- Individual plastic staples grip cable and reduce slipping.
- Secures up through #10 type NM cable.
- Supports AC, MC or FMC cable up to ½" O.D.
- Staple-Lok™ break-apart feature allows installation on studs and furring strips.
- Allows cables to be positioned a minimum of 1¼" from face of stud as required by NEC Article 300.4(D).

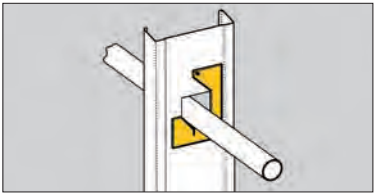


UPC/Part Number	Catalog Number	Cable Size	Box Qty.
78101103587	**BRC4**	Up to .500" O.D.	100

Patent #5587555



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

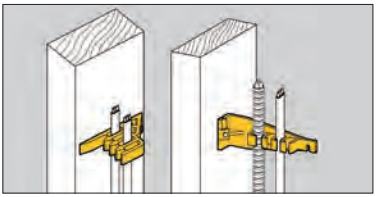


Conduit/Cable Supports

- 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.



UPC/Part Number	Catalog Number	Conduit/Cable Size	Box Qty.
78101101657	**BX82**	Up to 1"	100



Cable Fasteners

- 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 1¼" from face of stud as required by NEC Article 300.4(D).



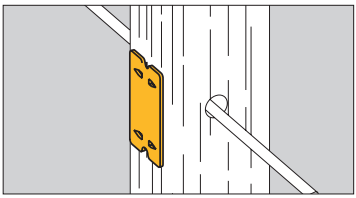
BRC1



BRC2

UPC/Part Number	Catalog Number	Description	Box Qty.
78101102941	**BRC1**	Wood Stud Cable Fastener	50
78101102941	**BRC2**	Furring Strip Cable Fastener	50

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

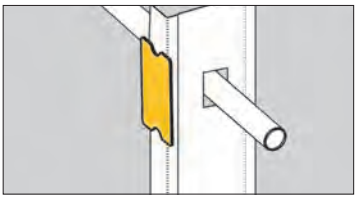


- Protects cable, plastic pipe and copper tubing from screw or nail penetration.
- Easily installed with a hammer.
- Complies with NEC Article 300-4.

Nail Plates For Wood Studs



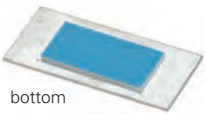
UPC/Part Number	Catalog Number	Description	Box Qty.
78101104927	**BM3**	Nail Plate	100

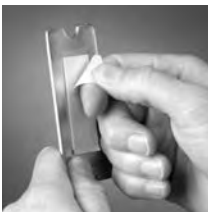


- Protects cable, plastic pipe and copper tubing from screw or nail penetration.
- Comes with industrial grade double stick tape on back for easy installation on stud.
- Complies with NEC Article 300-4.

Nail Plates For Metal Studs





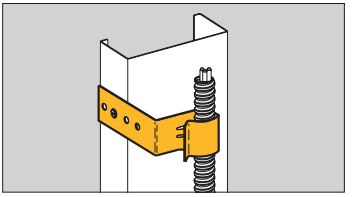


Just Peel Tape and Stick To Stud

UPC/Part Number	Catalog Number	Description	Box Qty.
78101126251	**BM3M**	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 ½" to 1" EMT or flexible conduit to metal or wood studs.
- BB38 attaches MC/AC cable, ½" & ¾" EMT to metal or wood studs.
- Eliminates the need for offset bending of conduit.
- Aligns conduit with standard box knockouts.

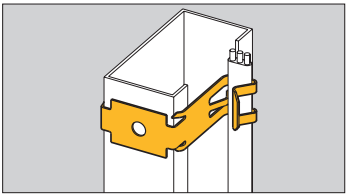


BB38



BB38D

UPC/Part Number	Catalog Number	Box Depth	Box Qty.
78101104265	**BB38**	1½"	100
78101195244	**BB38D**	2⅛"	100



Flexible Conduit/ Cable Fasteners

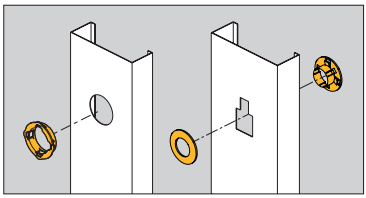
- Secures Romex®† sizes 14/2 w/ground thru 12/3 w/ground, MC/AC sizes 14/2 thru 12/3 to metal or wood studs.
- Allows cables to be positioned a minimum of 1¼" from face of stud as required by NEC Article 300.4(D).



UPC/Part Number	Catalog Number	Description	Box Qty.
78101119755	**BX5**	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 11/32" 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	**BM1**	Plastic Grommet	100
78101119102	**BM1M**	Plastic Grommet (Bulk Quantity)	100
78101104926	**BM2**	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



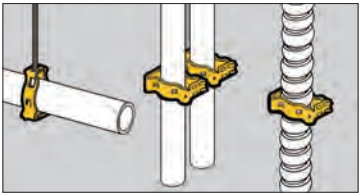








Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

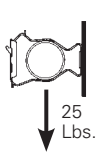


- Supports 3/8" to 2" conduit.
- Unique Guide-Rite™ Fastener provides for fast and easy installation with pliers.
- Now available in Dura-Copper™ finish - add DCU to part number.
- Static Load Capacity: 100 Lbs. - Vertical 25 Lbs. - Horizontal

Guide-Rite Conduit Fasteners



Clearance Hole For 1/4" Bolt



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



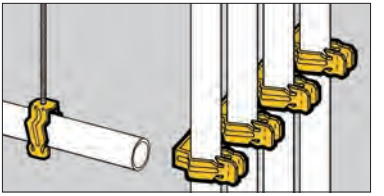
1/4"-20 Thread Impression

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

Patent #4958792

* BG-6 and BG-6-4T 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.



- Conduit easily snaps into push type fastener for secure support.
- Available with clearance hole for ¼" bolt or ¼"-20 thread impression.
- Ultimate Static Load Capacity:
  25 Lbs. Vertical
  15 Lbs. Horizontal

Push-Type Conduit Fasteners





Clearance Hole For ¼" Bolt

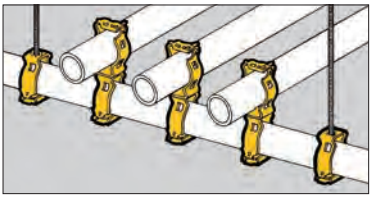
UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101119200	**BP-8**	½" EMT	100
78101119205	**BP-12**	¾" EMT ½" IMC, Rigid	100
78101119210	**BP-16**	1" EMT ¾" IMC, Rigid	100



¼"-20 Thread Impression

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101119215	**BP-8-4T**	½" EMT	100
78101119220	**BP-12-4T**	¾" EMT ½" IMC, Rigid	100
78101119225	**BP-16-4T**	1" EMT ¾" IMC, Rigid	100

Read safety/installation instruction sheets in packages before use.



- For use with ⅜" to 2" conduit.
- Guide-Rite™ Fastener provides for fast and easy installation with pliers.

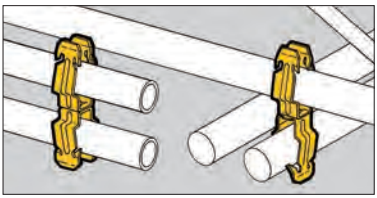


- Note: Total load of trapeze must not exceed 100 Lbs.

Guide-Rite Conduit Trapeze Fasteners

UPC/Part Number	Catalog Number	Conduit To 1" Trapeze	Box Qty.
78101118615	**BG-16-G-6***	⅜"	100
78101118620	**BG-16-G-8-12**	½", ¾"	100
78101118595	**BG-16-G-16**	1"	100
78101118600	**BG-16-G-20**	1¼"	50
78101118605	**BG-16-G-24**	1½"	50
78101118610	**BG-16-G-32**	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 ⅜" flexible conduit



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



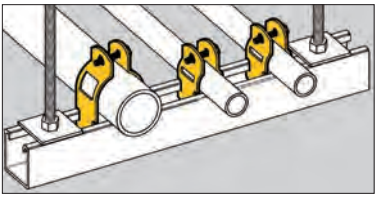
- Ultimate Static Load Capacity: 25 Lbs.

Push-Type Conduit To Conduit Fasteners

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101118615	**BP-8-P-8**	½" to ½"	100
78101118620	**BP-8-P-12**	½" to ¾"	100
78101118595	**BP-8-P-16**	½" to 1"	100
78101118600	**BP-12-P-12**	¾" to ¾"	100
78101118605	**BP-12-P-16**	¾" to 1"	100
78101118610	**BP-16-P-16**	1" to 1"	100

Note: For rigid conduit with BP series, use next size larger fastener (½" Rigid use BP-12).

Read safety/installation instruction sheets in packages before use.



Break-Apart Conduit Clamps

- Patented Multi-Grip design fits Rigid, IMC or EMT conduit.
- Convenient break-apart clamp features retained bolt and 5/16" thread impression to eliminate handling of nuts and bolts.
- Finish: Pre-Galvanized.
- Static Load Capacity: 200 lbs.
- Recommended torque: 35 in-lbs.

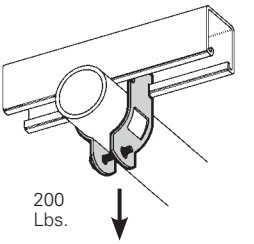


BPC-8 thru BPC-32



BPC-40 thru BPC-64

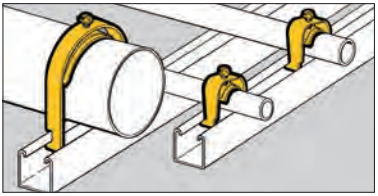
Static Load Capacity



UPC/Part Number	Catalog Number	Rigid or EMT Conduit Size	Box Qty.
78101101676	**BPC-8**	½"	100
78101101677	**BPC-12**	¾"	100
78101101680	**BPC-16**	1"	100
78101101679	**BPC-20**	1¼"	50
78101101678	**BPC-24**	1½"	50
78101101681	**BPC-32**	2"	50
78101103977	**BPC-40**	2½"	50
78101103978	**BPC-48**	3"	50
78101103979	**BPC-56**	3½"	25
78101103981	**BPC-64**	4"	25

Patent #4044428

Read safety/installation instruction sheets in packages before use.



Conduit Strut Clamps



B1506S thru B1524S



B1532S thru B1564S



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.

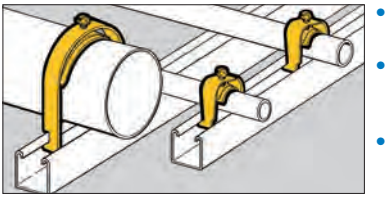
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UPC/Part Number	Catalog Number	Conduit Size EMT	Conduit Size Rigid	OD Range Inches Min	OD Range Inches Max	Static Load Cap. Lbs.	Box Qty.
78101163150	**B1508**	½"	–	–	–	200	100
78101163154	**B1512**	¾"	½"	–	–	200	100
78101163157	**B1516**	1"	¾"	–	–	300	100
78101163160	**B1520**	1¼"	1"	–	–	300	100
Note: Clamps without saddle are not recommended for flexible conduit or cable							
78205144495	**B1506S***	⅜"*	–	.400	.630	200	100
78101163164	**B1508S**	½"	–	.250	.680	200	100
78101163168	**B1512S**	¾"	½"	.500	.840	200	100
78101163171	**B1516S**	1"	¾"	.750	1.050	300	100
78101163177	**B1520S**	1¼"	1"	1.125	1.315	300	100
78101163182	**B1524S**	1½"	1¼"	1.375	1.660	400	50
78101163188	**B1532S**	2"	1½"	1.875	2.200	400	50
78101163193	**B1534S**	–	2"	2.125	2.375	400	25
78101163199	**B1540S**	2½"	2½"	2.625	2.875	400	25
78101163205	**B1548S**	3"	3"	3.250	3.500	400	25
78101163211	**B1556S**	3½"	3½"	3.750	4.000	400	10
78101163215	**B1564S**	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 clamps

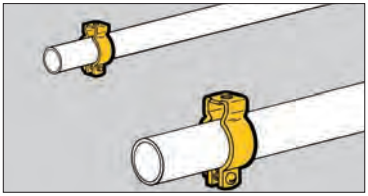
- One-piece assembled product.
- Easy removal without disconnecting adjacent clamps.
- Secure cables easily with protective saddle, preventing damage to conduit or cable.
- One-hand installation.



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

Read safety/installation instruction sheets in packages before use.



- For use with ½" 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	**BL1400***	0	½"	½"	100
78101119801	**BL1410***	1	¾"	¾"	100
78101119802	**BL1420***	2	1"	1"	100

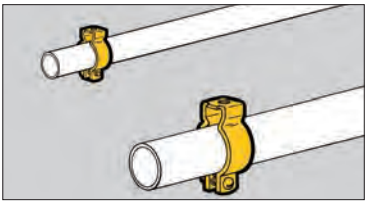


With Bolt and Nut

UPC/Part Number	Catalog Number	Trade Size	Conduit Size EMT	Conduit Size Rigid	Box Qty.
78101119803	**BL1425***	2.5	1¼"	--	100
78101119804	**BL1430***	3	1½"	1¼"	100
78101119805	**BL1440†**	4	--	1½"	50
78101119806	**BL1450†**	5	2"	2"	50
78101119807	**BL1460†**	6	2½"	2½"	25
78101119808	**BL1470†**	7	3"	3"	25
78101119809	**BL1480†**	8	3½"	3½"	10
78101119810	**BL1490†**	9	4"	4"	10

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

Read safety/installation instruction sheets in packages before use.



- For use with ½" thru 4" Conduit.
- Static Load Capacity: 400 lbs.
- Material: Type 304 Stainless Steel.

Stainless Steel Conduit Hangers

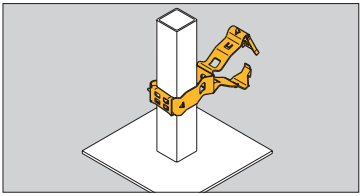


With Bolt And Nut

UPC/Part Number	Catalog Number	Trade Size	Conduit Size EMT	Conduit Size Rigid	Box Qty.
78101119800	**BL1400-SS4***	0	½"	½"	100
78101119801	**BL1410-SS4***	1	¾"	¾"	100
78101119802	**BL1420-SS4***	2	1"	1"	100
78101119803	**BL1425-SS4***	2.5	1¼"	--	100
78101119804	**BL1430-SS4***	3	1½"	1¼"	100
78101119805	**BL1440-SS4†**	4	--	1½"	50
78101119806	**BL1450-SS4†**	5	2"	2"	50
78101119807	**BL1460-SS4†**	6	2½"	2½"	25
78101119808	**BL1470-SS4†**	7	3"	3"	25
78101119809	**BL1480-SS4†**	8	3½"	3½"	10
78101119810	**BL1490-SS4†**	9	4"	4"	10

* 9/32" mounting hole. † 11/32" 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

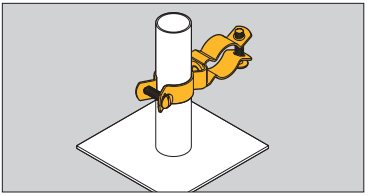


UPC/Part Number	Catalog Number	Conduit Size EMT/Rigid	Box Qty.
78205125589	**BG-8-12-G6***	3/8"	100
78101188538	**BG-8-12-G812**	1/2" or 3/4"	100
78101118620	**BG-16-G-8-12**	1"	100
78205125594	**BG-8-12-G20**	1 1/4"	50
78205125595	**BG-8-12-G24**	1 1/2"	50
78205125597	**BG-8-12-G32**	2"	50

Patent #4958792

* BG-8-12-G6 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.



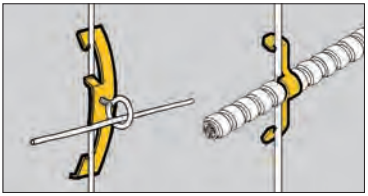
- Supports conduit from 1" O.D. computer floor pedestals.
- Also available in Type 304 Stainless Steel. Contact factory for details.
- Static Load Capacity: 25 lbs.
- Finish: Zinc-Plated.

Conduit To Pedestal Support



UPC/Part Number	Catalog Number	Trade Size	Conduit Size Rigid	Conduit Size EMT	Box Qty.
78205125599	**BL1410-L1400**	0	½"	½"	50
78205125601	**BL1410-L1410**	1	¾"	¾"	50
78205125602	**BL1410-L1420**	2	1"	1"	50
78205125603	**BL1410-L1425**	2.5	–	1¼"	50
78205125607	**BL1410-L1430**	3	1¼"	1½"	50
78205125612	**BL1410-L1440**	4	1½"	–	25
78205125614	**BL1410-L1450**	5	2"	2"	25
78205125617	**BL1410-L1460**	6	2½"	2½"	10
78205125618	**BL1410-L1470**	7	3"	3"	10
78205125619	**BL1410-L1480**	8	3½"	3½"	5

Read safety/installation instruction sheets in packages before use.

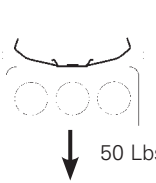


- BW2 and BW6 support #10-24 or ¼"-20 threaded bridle rings and provide attachment for electrical boxes.
- BW2S & BW6S are provided with one each ¼"-20 x ⅜" screw and hex nut.
- BW4 supports cables from #12 thru #8 wire.

Rod & Wire Fasteners

UPC/Part Number	Catalog Number	Drop Rod/ Wire Size	Flange Thickness	Box Qty.
78101119700	**BW2**	#12 wire thru ¼" plain or threaded rod	⅛" - ⅜"	100
78205140156	**BW2S**	#12 wire thru ¼" plain or threaded rod	⅛" - ⅜"	100
78101195516	**BW6**	⅜" plain or threaded rod	⅜" - 7⁄16"	100
78205140157	**BW6S**	⅜" plain or threaded rod	⅜" - 7⁄16"	100





Static Load Capacity



UPC/Part Number	Catalog Number	Description	Box Qty.
78101119705	**BW4**	Multi-size Wire Fastener	100

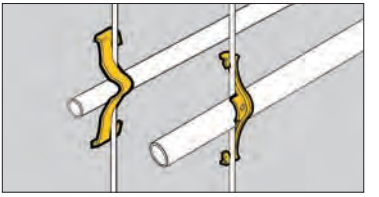


MC/AC Cable Size	#12 Wire	#10 Wire	#8 & #9 Wire
14/2 Cable	BW4	BW4	BW4
14/3 Cable	BW4	BW4	BW4
12/2 Cable	BW4	BW4	BW4
12/3 Cable	BW4	BW-8	BW-8

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.



- 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

c UL us


BW-8

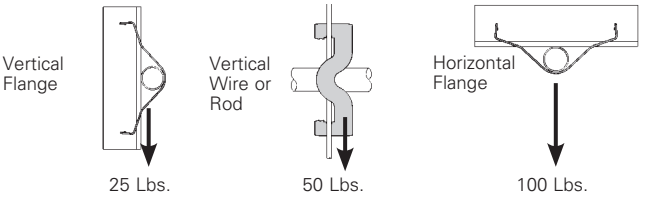

BW-16

UPC/Part Number	Catalog Number	Box Qty.
78101119710	**BW-8**	100
78101119715	**BW-12**	100
78101119720	**BW-16**	100
78101119725	**BW-20**	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	—	—

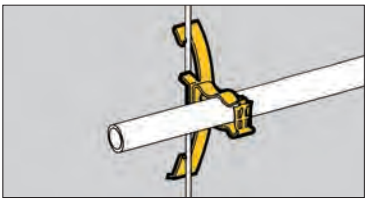
*Note: For horizontal applications only.

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.



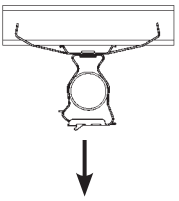
- Assemblies support ½", ¾" and 1"conduit.
- W2 series attaches to ⅛" thru ⅜" flanges or #12 wire thru ¼" plain or threaded rod.
- W6 series attaches to ⅜" thru 7⁄16" flanges or ⅜" plain or threaded rod.

Guide-Rite™ Conduit To Rod Fasteners



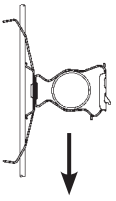
UPC/Part Number	Catalog Number	Conduit Size EMT/Rigid	Box Qty.
78101118540	**BG-8-12-W2**	½", ¾"	100
78101118640	**BG-16-W2**	1"	100
78101195519	**BG-8-12-W6**	½", ¾"	100
78101195520	**BG-16-W6**	1"	100

Patent #4958792



50 Lbs.

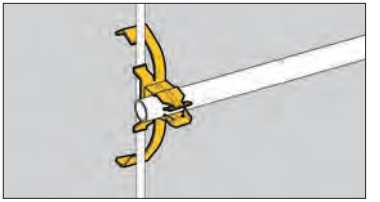
Static Load Capacity



25 Lbs.

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

Read safety/installation instruction sheets in packages before use.

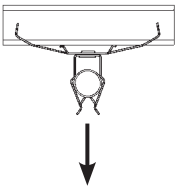


- Assemblies support ½", ¾" and 1" conduit.
- W2 series attaches to ⅛" thru ⅜" flanges or #12 wire thru ¼" plain or threaded rod.
- W6 series attaches to ⅜" thru 7⁄16" flanges or ⅜" plain or threaded rod.

Push-Type Conduit To Rod Fasteners

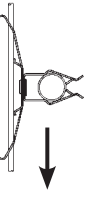


UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101119325	**BP-8-W2**	½" EMT	100
78101119420	**BP-12-W2**	¾" EMT or ½" IMC. Rigid	100
78101119505	**BP-16-W2**	1" EMT or ¾" IMC, Rigid	100
78101195521	**BP-8-W6**	½" EMT	100
78101195522	**BP-12-W6**	¾" EMT or ½" IMC. Rigid	100
78101195523	**BP-16-W6**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



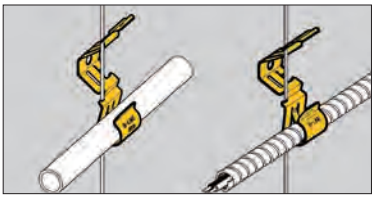
25 Lbs.

Ultimate Static Load Capacity



15 Lbs.

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

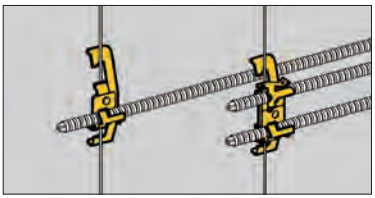


Flex-Rite Cable/Conduit To Wire Fasteners



- Flex-Rite™ can be used in place of batwings.
- Will not bend or deform hanger wire.
- Attaches to #12 - #8 wire and ¼" plain rod.
- Accommodates MC, AC, ⅜" FMC or ½" 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	**BX-8**	.375" to 706" O.D.	100
78101102943	**BX-18**	.706" to 1.380" O.D.	100
78101101685	**BX-8B**	Bulk Packed In Fiber Barrels	4000



Cable To Rod Fasteners



BX4-W2

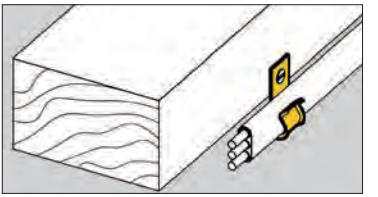


BX4M-W2

- Assemblies support MC, AC, sizes 14/2 through 10/3 or ⅜ FMC.
- W2 series attaches to ⅛" thru ⅜" flanges or #12 wire thru ¼" plain or threaded rod.
- W6 series attaches to ⅜" thru 7⁄16" flanges or ⅜" plain or threaded rod.

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

Read safety/installation instruction sheets in packages before use.

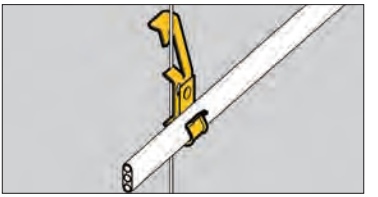


- Attaches Type NM cable to most structures.
- Supports cable sizes 14/2 and 12/2 with ground wire.
- May be used with other B-Line series fasteners for attachment to acoustical tees, beams, drop wires, etc.

Cable Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101103553	**BRC3**	Type NM Cable Fastener	100



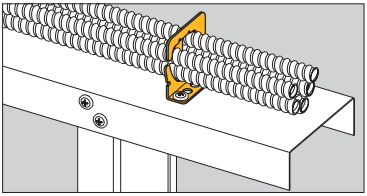
- Supports cable sizes 14/2 and 12/2 with ground wire.
- W2 series supports cable from #12 wire thru ¼" plain or threaded rod.
- W6 series supports cable from ⅜" plain or threaded rod.

Cable Fasteners



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

- 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.



BRC5-1



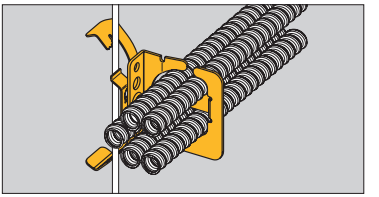
BRC5-2



BRC5-3

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

Read safety/installation instruction sheets in packages before use.



Multi-Run Cable Carrier for MC/AC Cable

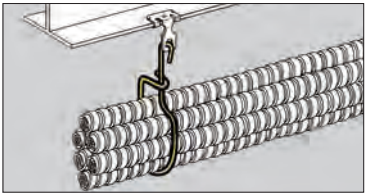
- Secures and supports multiple runs of MC/AC cable as required by the NEC.
- W2 Series attaches to ⅛" thru ⅜" flanges or #12 thru ¼" plain or threaded rod.
- W6 Series attaches to ⅜" thru 7⁄16" flanges or ⅜" plain or threaded rod.
- Load Capacity: 50 lbs.
- Finish: Zinc Plated.



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



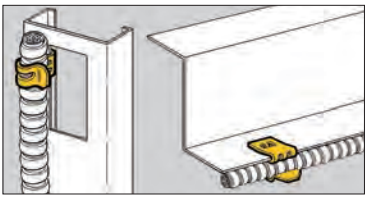
- Designed to support multiple runs of MC, AC, FMC or communication cable.
- Static Load Capacity: BX2 - 50 lbs. BX6 & BX24 - 75 Lbs.
- Finish: Zinc Plated.

Flexible Cable Support



BX2 BX6

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



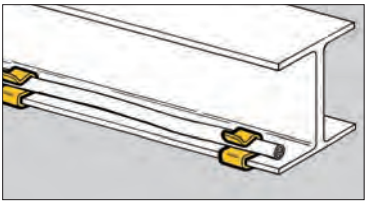
- Fastens flexible conduit and other small cables to beam flanges, bar joists or metal studs.
- Cable O.D. range of 0.42" to 0.70".
- Maximum flange thickness 5/32".

Flexible Conduit/ Cable Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101119770	**BX9**	Flexible Conduit Fastener	100

Read safety/installation instruction sheets in packages before use.



- 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)



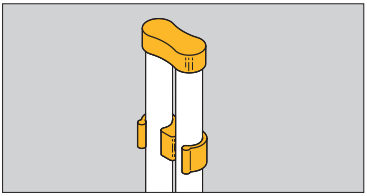
BXS
Series



BXL
Series

UPC/Part Number	Catalog Number	Flange Thickness	Cable Diameter	Box Qty.
78101119973	**BXS-67**	1⁄16" - 5⁄32"	.218 to .281	100
78101119974	**BXS-89**	1⁄16" - 5⁄32"	.290 to .375	100
78101119975	**BXS-1011**	1⁄16" - 5⁄32"	.375 to .437	100
78101119976	**BXS-1214**	1⁄16" - 5⁄32"	.444 to .560	100
78101119977	**BXS-1519**	1⁄16" - 5⁄32"	.500 to .718	100
78101119978	**BXS-2024**	1⁄16" - 5⁄32"	.748 to .945	100
78101119979	**BXS-2530**	1⁄16" - 5⁄32"	.968 to 1.250	100
78101119980	**BXM-67**	5⁄32" - 9⁄32"	.218 to .281	100
78101119981	**BXM-89**	5⁄32" - 9⁄32"	.290 to .375	100
78101119982	**BXM-1011**	5⁄32" - 9⁄32"	.375 to .437	100
78101119983	**BXM-1214**	5⁄32" - 9⁄32"	.444 to .560	100
78101119984	**BXM-1519**	5⁄32" - 9⁄32"	.500 to .718	100
78101119985	**BXM-2024**	5⁄32" - 9⁄32"	.748 to .945	100
78101119986	**BXM-2530**	5⁄32" - 9⁄32"	.968 to 1.250	100
78101119987	**BXL-67**	5⁄16" - 1⁄2"	.218 to .281	100
78101119988	**BXL-89**	5⁄16" - 1⁄2"	.290 to .375	100
78101119989	**BXL-1011**	5⁄16" - 1⁄2"	.375 to .437	100
78101119990	**BXL-1214**	5⁄16" - 1⁄2"	.444 to .560	100
78101119991	**BXL-1519**	5⁄16" - 1⁄2"	.500 to .718	100
78101119992	**BXL-2024**	5⁄16" - 1⁄2"	.748 to .945	100
78101119993	**BXL-2530**	5⁄16" - 1⁄2"	.968 to 1.250	100
78101119955	**BFA-1215**	1⁄2" - 5⁄8"	–	100
78101119956	**BFA-1520**	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 18, 18C, 20, & 20C



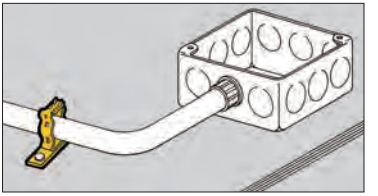
BCS 12AS & 16AS

- 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.
Conduit Spacer			
78205122356	**BCS-8**	½" Rigid Conduit	50
78205140057	**BES-8**	½" EMT Conduit	50
78205122357	**BCS-12**	¾" Rigid Conduit	50
78205140058	**BES-12**	¾" EMT Conduit	50
78205122358	**BCS-16**	1" Rigid Conduit	50
78205140059	**BES-16**	1" EMT Conduit	50
79903855806	**BCS-18**	1½" Rigid Conduit	25
79903855807	**BCS-20**	2" Rigid Conduit	25
Conduit Cap			
78205122359	**BCS-8C**	½" Rigid Conduit	50
78205140060	**BES-8C**	½" EMT Conduit	50
78205122361	**BCS-12C**	¾" Rigid Conduit	50
78205140061	**BES-12C**	¾" EMT Conduit	50
78205122362	**BCS-16C**	1" Rigid Conduit	50
78205140062	**BES-16C**	1" EMT Conduit	50
79903855803	**BCS-18C**	1½" Rigid Conduit	25
79903855805	**BCS-20C**	2" Rigid Conduit	25
Conduit Spacer			
79903855808	**BCS-12AS**	¾" Rigid Conduit	50
79903855809	**BCS-16AS**	1" Rigid Conduit	25

Patent #5896892

Read safety/installation instruction sheets in packages before use.



- Helps eliminate the need for offset bends when used with 1½" deep boxes.
- Attaches conduit to concrete, steel or wood with nails.
- May be attached after conduit positioning.

Conduit Spacer Brackets

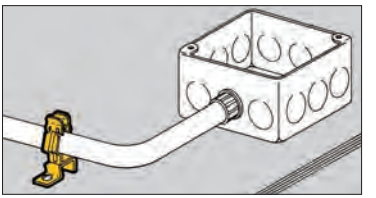


BG



BP

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101118495 Patent # 4958792	**BG-8-12-D3**	½" or ¾"	100
78101119265	**BP-8-D3**	½" EMT	100
78101118365	**BP-12-D3**	¾" EMT or ½" IMC, Rigid	100



- Helps eliminate the need for offset bends when used with 2⅛" 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



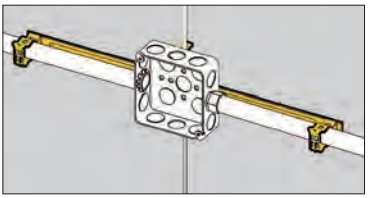
BG



BP

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101118500 Patent # 4958792	**BG-8-12-D4**	½" or ¾"	100
78101119270	**BP-8-D4**	½" EMT	100
78101119370	**BP-12-D4**	¾" EMT or ½" IMC, Rigid	100
78101119460	**BP-16-D4**	1" EMT or ¾" IMC, Rigid	100

Read safety/installation instruction sheets in packages before use.



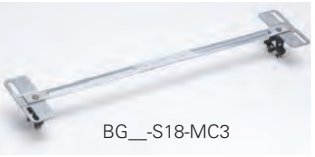
Guide-Rite™ Conduit & Box Support Fasteners

- 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.



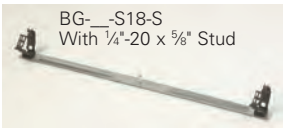
BG__-S18



BG__-S18-MC3

UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Box Qty.
78101103575	**BG6-S18 ***	⅜"	25
78101103573	**BG812-S18**	½" or ¾"	25
78101103574	**BG16-S18**	1"	25
With Multiple Conduit Plate			
78205152812	**BG6-S18-MC3 ***	⅜"	25
78205152900	**BG812-S18-MC3**	½" or ¾"	25
78205152901	**BG16-S18-MC3**	1"	25

Patent # 4958792



BG-__-S18-S
With ¼"-20 x ⅝" Stud



BG-__-S18-S-MC3
With ¼"-20 x ⅝" Stud

With Stud			
78205152902	**BG6-S18S ***	⅜"	25
78110104979	**BG812-S18S**	½" or ¾"	25
78205152903	**BG16-S18S**	1"	25
With Stud & Multiple Conduit Plate			
78205152904	**BG6-S18S-MC3 ***	⅜"	25
78205152905	**BG812-S18S-MC3**	½" or ¾"	25
78205152906	**BG16-S18S-MC3**	1"	25

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5/16" or ⅜" flexible conduit

Read safety/installation instruction sheets in packages before use.

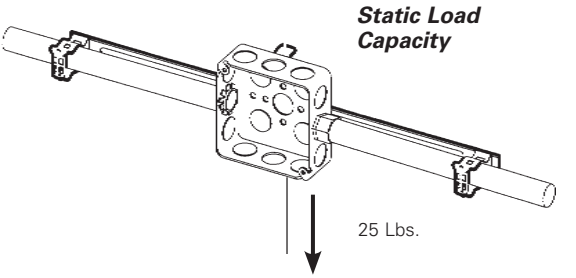


BG__-S18-W_



BG__-S18-W_-MC3

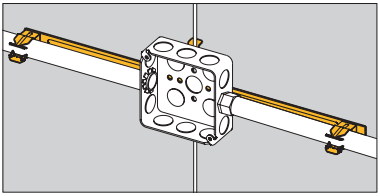
UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Box Qty.
W2 Series for #12 thru ¼" Rod **			
78101103578	**BG6-S18-W2 ***	⅜"	25
78101103577	**BG812-S18-W2**	½" or ¾"	25
78101103577	**BG16-S18-W2**	1"	25
W2 Series for #12 thru ¼" Rod & Multiple Conduit Plate **			
78205152855	**BG6-S18-W2-MC3 ***	⅜"	25
78205152739	**BG812-S18-W2-MC3**	½" or ¾"	25
78205152862	**BG16-S18-W2-MC3**	1"	25
W6 Series for ⅜" Plain or Threaded Rod **			
78110199581	**BG6-S18-W6 ***	⅜"	25
78110199582	**BG812-S18-W6**	½" or ¾"	25
78110199580	**BG16-S18-W6**	1"	25
W6 Series for ⅜" Plain or Threaded Rod & Multiple Conduit Plate **			
78205152856	**BG6-S18-W6-MC3 ***	⅜"	25
78205152860	**BG812-S18-W6-MC3**	½" or ¾"	25
78205152864	**BG16-S18-W6-MC3**	1"	25



* BG-6 will accept the following range ∅.420 - ∅.675:
14/2 thru 10/4 MC/AC cable and 5⁄16" or ⅜" 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.

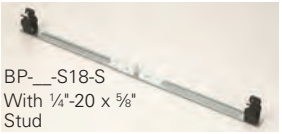


BP__-S18



BP__-S18-MC3

UPC/Part Number	Catalog Number	Conduit Size E(EMT) R(Rigid)	Box Qty.
78205123604	**BP8-S18**	½" E	25
78205123605	**BP12-S18**	¾" E or ½" R	25
78205123606	**BP16-S18**	1"E, ¾" R	25
With Multiple Conduit Plate			
78205152907	**BP8-S18-MC3**	½" E	25
78205152908	**BP12-S18-MC3**	¾" E or ½" R	25
78205152909	**BP16-S18-MC3**	1"E, ¾" R	25



BP-__-S18-S
With ¼"-20 x ⅝"
Stud



BP-__-S18-S-MC3
With ¼"-20 x ⅝"
Stud

With Stud			
78205123631	**BP8-S18S**	½" E	25
78205123633	**BP12-S18S**	¾" E or ½" R	25
78205123634	**BP16-S18S**	1"E, ¾" R	25
With Stud & Multiple Conduit Plate			
78205152913	**BP8-S18S-MC3**	½" E	25
78205152914	**BP12-S18S-MC3**	¾" E or ½" R	25
78205152915	**BP16-S18S-MC3**	1"E, ¾" R	25

Read safety/installation instruction sheets in packages before use.

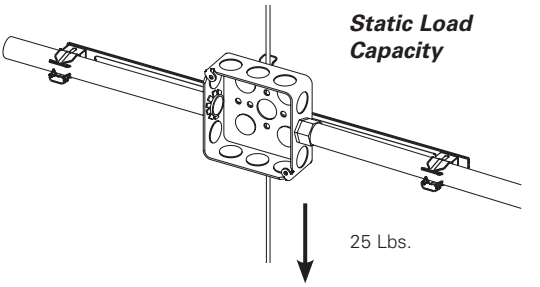


BG__-S18-W_



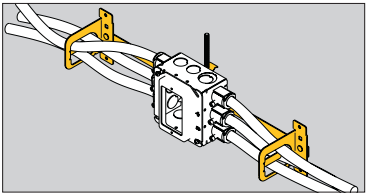
BG__-S18-W_-MC3

UPC/Part Number	Catalog Number	Conduit Size E(EMT) R(Rigid)	Box Qty.
W2 Series for #12 thru ¼" Rod **			
78205123615	**BP8-S18-W2**	½" EMT	25
78205123619	**BP12-S18-W2**	¾" E or ½" R	25
78205123627	**BP16-S18-W2**	1"E, ¾" R	25
W2 Series for #12 thru ¼" Rod & Multiple Conduit Plate **			
78205152847	**BP8-S18-W2-MC3**	½" EMT	25
78205152848	**BP12-S18-W2-MC3**	¾" E or ½" R	25
78205152849	**BP16-S18-W2-MC3**	1"E, ¾" R	25
W6 Series for ⅜" Plain or Threaded Rod **			
78205123628	**BP8-S18-W6**	½" EMT	25
78205123629	**BP12-S18-W6**	¾" E or ½" R	25
78205123630	**BP16-S18-W6**	1"E, ¾" R	25
W6 Series for ⅜" Plain or Threaded Rod & Multiple Conduit Plate **			
78205152850	**BP8-S18-W6-MC3**	½" EMT	25
78205152851	**BP12-S18-W6-MC3**	¾" E or ½" R	25
78205152854	**BP16-S18-W6-MC3**	1"E, ¾" 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

- 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 retension tab is open for easy loading and contains the cables when bent in place.
- Consult factory for pre-fab box assemblies.



BRC5_-S18

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



BRC5_-S18-S
With ¼"-20 x ⅝" Stud

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
With Stud			
78205152919	**BRC51-S18S**	Up to 4 runs .430" - .560"	25
78205152921	**BRC53-S18S**	Up to 7 runs .560" - .690"	25

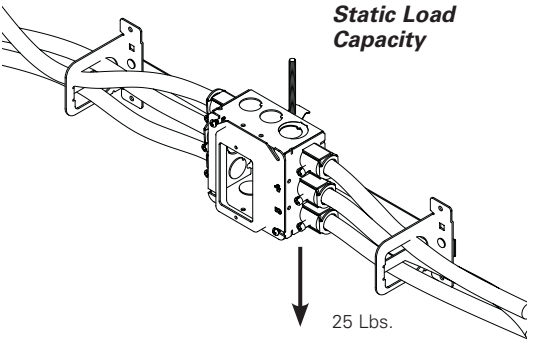
Read safety/installation instruction sheets in packages before use.



BRC5_-S18-W_

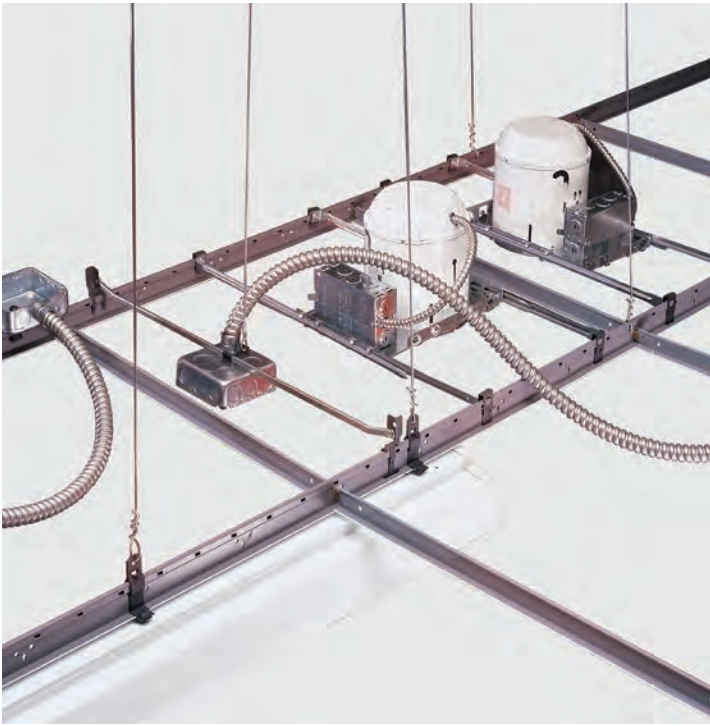
UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
W2 Series for #12 thru ¼" Rod **			
78205152865	**BRC51-S18-W2**	Up to 4 runs .430" - .560"	25
78205152869	**BRC53-S18-W2**	Up to 7 runs .560" - .690"	25

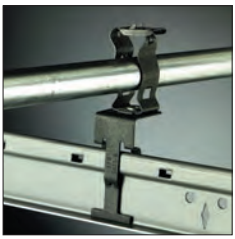
UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
W6 Series for ⅜" Plain or Threaded Rod **			
78205152866	**BRC51-S18-W6**	Up to 4 runs .430" - .560"	25
78205152870	**BRC53-S18-W6**	Up to 7 runs .560" - .690"	25



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

Read safety/installation instruction sheets in packages before use.



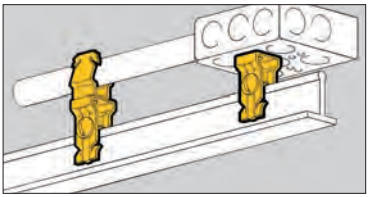








Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

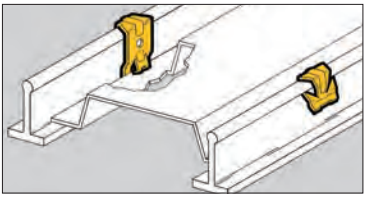


- Attaches to top of acoustical T-Bar with ¼"-20 screw.
- Has ¼"-20 thread impression for attachment to box or conduit fastener.
- **WARNING** Do not use for hanging acoustical tee.

T-Bar Support Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101118090	**BA14**	T-Bar Support Clip	100



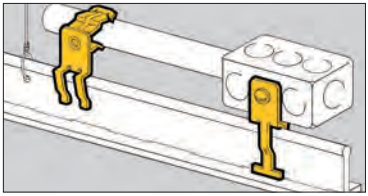
- Gives positive support for troffers and lay-in fixtures.
- Complies with NEC Article 410.16(C) for fixtures supported by suspended ceilings.
- Fits rectangular or round head T-Bars.
- Commonly known as "Hurricane Clip".

Troffer Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101118095	**BA15**	For Straight Lip or Upturned Lip Fixtures	100
78205118209	**BA15W**	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.



- 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.

Side Mount T-Bar Fasteners



BA5-4T

UPC/Part Number	Catalog Number	Description	Box Qty.
78101118095	**BA5-4T**	With ¼"-20 Thread Impression	100



BG Series



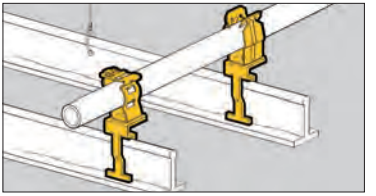
BP Series

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101118410	**BG-6-A5** *	⅜"	100
78101118465	**BG-8-12-A5**	½", ¾"	100
78101118545	**BG-16-A5**	1"	100
Patent #4958792			
78101119235	**BP-8-A5**	½" EMT	100
78101119335	**BP-12-A5**	¾" EMT ½" IMC, Rigid	100
78101118545	**BP-16-A5**	1"EMT ¾" IMC, Rigid	100

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5⁄16" or ⅜" 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	**BA6-4T**	With ¼"-20 Thread Impression	100



BG Series

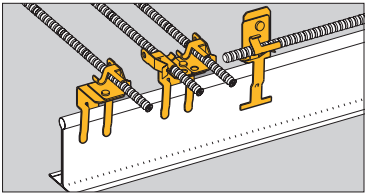


BP Series

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101188540	**BG-6-A6** *	⅜"	100
78101118470	**BG-8-12-A6**	½", ¾"	100
78101118550	**BG-16-A6**	1"	100
Patent #4958792			
78101119240	**BP-8-A6**	½" EMT	100
78101119340	**BP-12-A6**	¾" EMT ½" IMC, Rigid	100
78101119435	**BP-16-A6**	1"EMT ¾" IMC, Rigid	100

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/ AC cable and 5/16" or ⅜" 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 ⅜" FMC.

Top Mount T-Bar Fasteners



BX4-A6



BX4M-A6

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101220	**BX4-A6**	Single Runs	100
78101101216	**BX4M-A6**	Double Runs	100

Note: Fasteners will rotate 360°.



BX4-A5



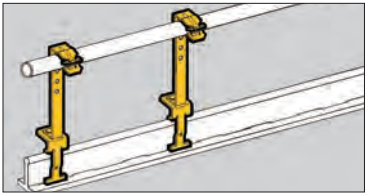
BX4M-A5

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101187	**BX4-A5**	Single Runs	100
78101101211	**BX4M-A5**	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	**BA28**	½" Holes Allow for Adjustment Between 4¼" and 7¼" at ¾" Increments	50
78101101211	**BX4M-A28**	Double Runs MC. AC, or FMC	25

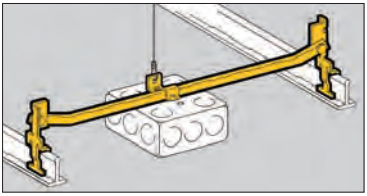


BP-12-A28

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

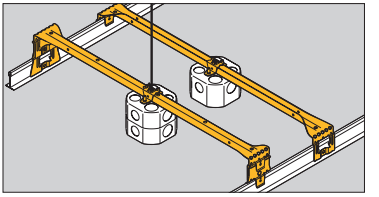
UPC/Part Number	Catalog Number	Description	Box Qty.
78101118080	**BA12**	Box Hanger 24" Span	50
78101118082	**BA12-12**	Box Hanger 12" Span	50
78101118085	**BA12-20**	Box Hanger 20" Span	50
78101118087	**BA12-30**	Box Hanger 30" Span	50



UPC/Part Number	Catalog Number	Description	Box Qty.
78101118170	**BB27**	Box Mounting Clip (with Screw)	100
78101101673	**SRHMS ¼ x ⅜**	¼"-20 x ⅜" Slotted Round Head Machine 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

- 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 BA5OF.



BA50 & BA50CAN



BA50D & BA50DCAN



BA50E

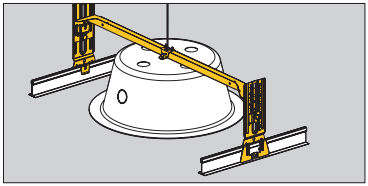


BA50C3T & BA50C4T

UPC/Part Number	Catalog Number	Description	Box Qty.
78101196490	**BA50**	Box Hanger	25
78205135905	**BA50CAN** *	Box Hanger	25
78101196491	**BA50D**	Box Hanger for Box w/ 1½" Extension	25
78205135906	**BA50DCAN** *	Box Hanger Box w/ 1½" Extension	25
78205136570	**BA50C4T**	Box Mounting Clip with Hardware	25
78205136571	**BA50C3T** *	Box Mounting Clip with Hardware	25
78101196489	**BA50E**	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.



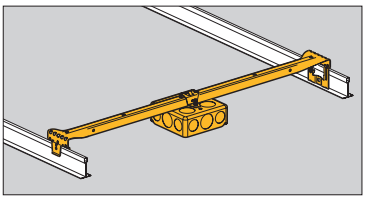
- Adjustable box support for suspended ceilings.
- Accomodates heights up to 8¾".
- Integral ruler enables height adjustments without measuring.

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	**BA50A**	Adjustable Box Hanger T-Bar	10



Electrical Box T-Bar Fasteners

- 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



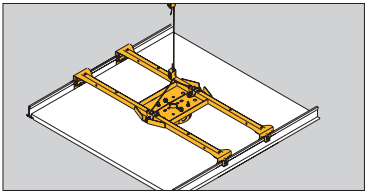
BA50-OB



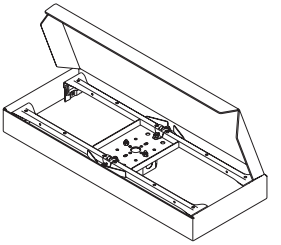
BA50-SB

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

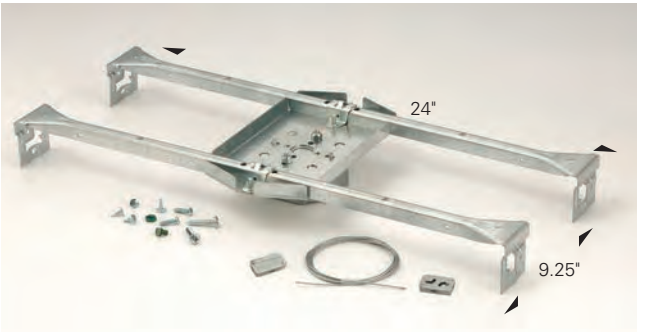


RediMount Fan Hanger



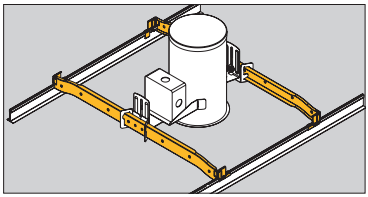
- Redi-mount™ features pre-assembled fan/ fixture hanger installs on T-Bar in less than 30 seconds.
- Positions and secures fans and fixtures in suspended ceilings.
- Includes KwikWire™ cable and clamps which attach to mounting clips for easy installation.
- Recommended for use in seismic areas.
- UL 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

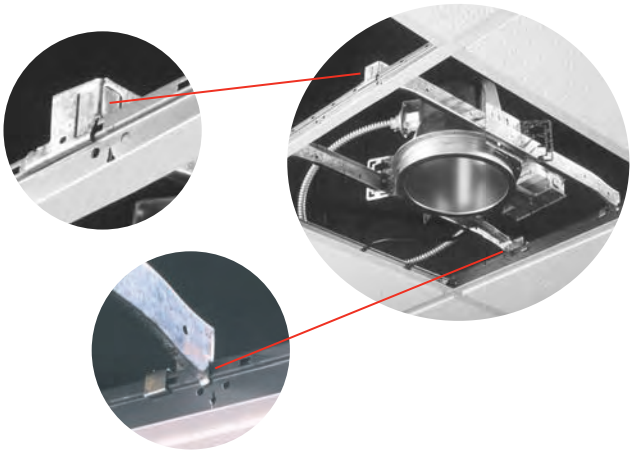
- New QuikFix™ Fastening System mounts spec grade downlights 50% faster than "wire bound" installation methods.
- QuikFix System is pre-sized for 24" spacing.
- No tools required.
- Recommended for use in seismic areas.
- UL listed for fixture support up to 50 lbs.



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

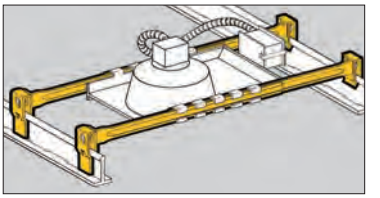
Patent # 6286265

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



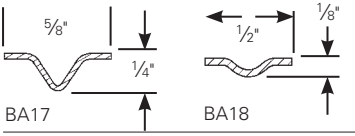
Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

Acoustical tee



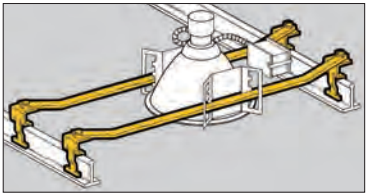
Light Fixture T-Bar Fasteners

- 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).





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



Light Fixture T-Bar Fasteners

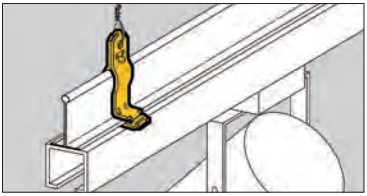
- Fixture position is adjustable within the span of the hanger.
- Fixed span of 24 inches for T-Bar applications.
- Requires only a screwdriver to install.
- One set completes one fixture installation (four bars per set).



UPC/Part Number	Catalog Number	"High Hat" Fixtures	Box Qty.
78101118110	**BA20** (Wide Bar)	Fits LIGHTOLIER®† CALCULITE®† 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 ¼"-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	**BA1**	15/16"	¼"-20 x ⅝"	100
78101118070	**BA1-24**	15/16"	¼"-20 x 1½"	100
78101118075	**BA1-32**	15/16"	¼"-20 x 2"	100
78101102891	**BA1-T**	15/16"	#8-32 x ⅝" with Pal Nut	100
78101102897	**BA1-T-BN**	15/16"	#8-32 x ⅝" with Brass Nut	100



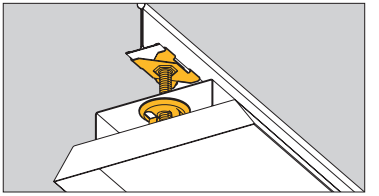
BA1-9



BA1-95

UPC/Part Number	Catalog Number	T-Bar Size	Stud Size	Box Qty.
78205125585	**BA1-9**	9/16"	¼"-20 x ⅝"	100
78205125587	**BA1-95**	9/16"	¼"-20 x ⅝"	100

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

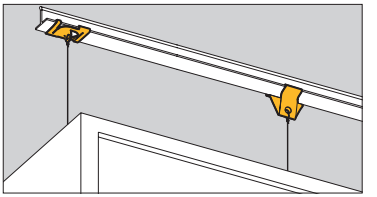


- Supports electrical fixtures from standard 15/16" T-Bars.
- BA-4-WN wing nut included.
- 1/4"-20 stud available in varying lengths.
- Static Load Capacity: 50 Lbs.

T-Bar Scissor Fasteners



UPC/Part Number	Catalog Number	Stud Length	Box Qty.
78101104258	**BAX-4-16**	5/8"	100
78101104262	**BAX-4-16-24**	1 1/2"	100
78101104263	**BAX-4-16-32**	2"	100
78101104264	**BAX-4-16-48**	3"	100



- BA-4-16-H supports signs from 15/16" T-Bar.
- BA-4-16-H1 supports signs from 9/16" or 15/16" T-Bar.
- Static Load Capacity: 40 Lbs.

Sign Hangers



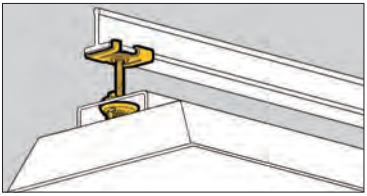
BA-4-16-H



BA-4-16-H1

UPC/Part Number	Catalog Number	Stud Length	Box Qty.
78101118040	**BA-4-16-H**	Sign Hanger with White Finish	100
78101104449	**BA-4-16-H1**	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

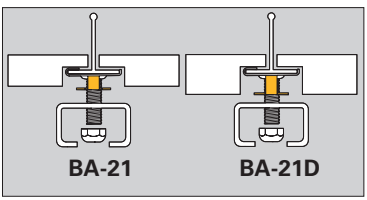
- Supports electrical fixtures from 15⁄16" T-Bar.
- 1⁄4"-20 stud available in varying lengths.
- Includes BA-4-WN wing nut with impression.
- Static Load Capacity:
  BA4-16 Series
  = 50 lbs.
  BA4-WN Series
  = 100 lbs.





BA-4-WN

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



T-Bar Spacers

- 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



BA-21

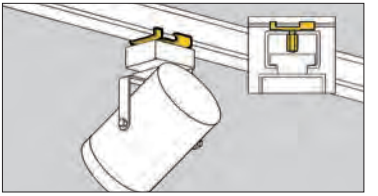


BA-21D

UPC/Part Number	Catalog Number	Description	Box Qty.
78101195575	**BA-21**	1⁄4" Spacer	100
78101199567	**BA-21D**	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 15⁄16" T-Bar.
- #8-32 stud available in varying lengths.
- Static Load Capacity: 25 Lbs.

15⁄16" Twist Fasteners

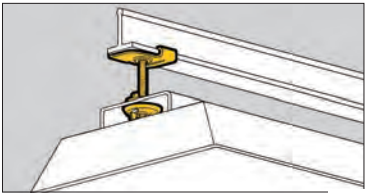


UPC/Part Number	Catalog Number	Finish	Stud Length	Box Qty.
78101118000	**BA-2-16**	Black with Pal Nut	5⁄8"	100
78101104259	**BA-2-16-7**	Black with Pal Nut	7⁄16"	100
78101118010	**BA-2-16-W**	White with Pal Nut	5⁄8"	100
78101104261	**BA-2-16-7-W**	White with Pal Nut	7⁄16"	100



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

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

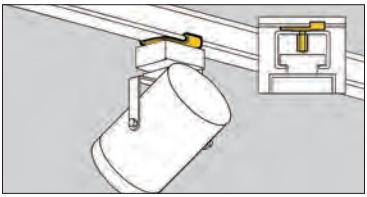


- Supports electrical fixtures from 9⁄16" T-Bar.
- Stud size: 1⁄4"-20 x 5⁄8".
- Static Load Capacity: 40 Lbs.

9⁄16" Twist Fasteners



UPC/Part Number	Catalog Number	Finish	Stud Length	Box Qty.
78101103458	**BA-4-9**	Black	5⁄8"	100
78101103461	**BA-4-9-W**	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

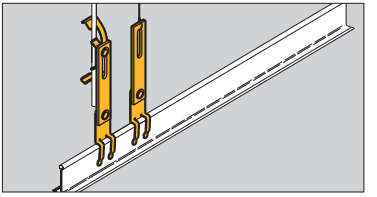
BA-2-9 Series with Pal Nut



BA-2-9-BN Series with Brass Nut

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

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



- 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	**BA311**	#12 thru #8 Wire	100
78101199570	**BA311-W2**	#12 thru ¼" Plain or	100
78101199571	**BA311-W6**	⅜" 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	**BA-SFC**	Seismic Fixture Clamp attaches one standard 2′ x 4′ light fixture to T-Bar ceiling	25 sets (4 clamps) per set)
78205145912	**BA-SFC-E***	For attachment of two standard 2′ x 4′ light fixtures end-to-end onto T-Bar ceiling	25 sets (4 clamps) per set)
78205145913	**BA-SFC-S***	For attachment of two standard 2′ x 4′ light fixtures side-by-side onto T-Bar ceiling	25 sets (4 clamps) per set)
78205145914	**BA-SFC-CF***	For attachment of standard 2′ x 2′ light fixtures onto T-Bar	50 sets (2 clamps) per set)
78205145915	**BA-SFC-CFS**	Seismic Fixture Clamp for reinforcement of main runner connection points	50 sets (2 clamps) per set)

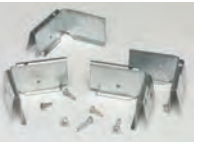
* BASFC is required to complete installation.

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

Seismic Fixture Clamps cont.



BA-SFC



BA-SFC-E



BA-SFC-S

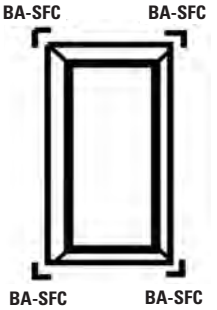


BA-SFC-CF



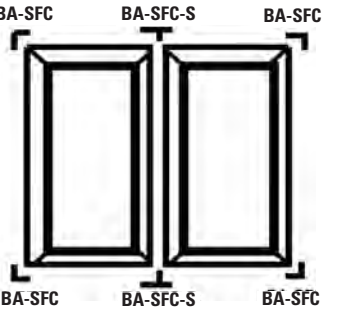
BA-SFC-CFS

Single Fixture Installation



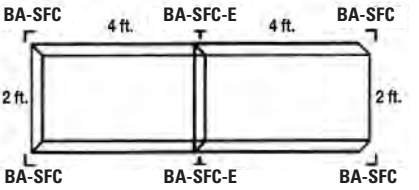
Parts Required:
1 pc. BA-SFC Installation Kit

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.



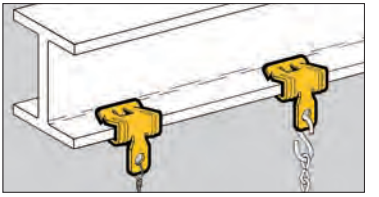








Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.



- Permits fast and easy installation on bulb tees and beams.
- Clearance hole for ¼" bolt in tab.
- Simply installed with a hammer.

Flange Beam Fasteners



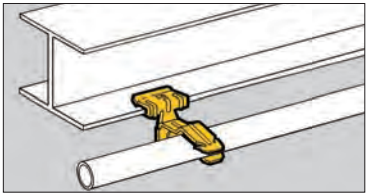
UPC/Part Number	Catalog Number	Flange Thickness	Static Load Cap.	Box Qty.
78101118290	**BE-1-2**	3/32" - 9/64"	160 lbs.	100



BE-2-4

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

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



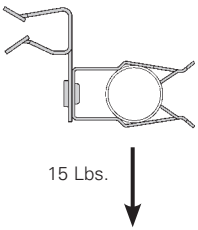
- Quickly attaches conduit to beams.
- Fasteners will rotate 360°.
- Simply installed with a hammer.

Push-Type Conduit To Beam Fasteners

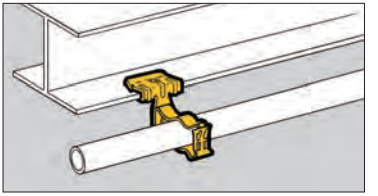


UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101119275	**BP-8-E-2-4**	½" EMT	⅛" - ¼"	100
78101119280	**BP-8-E-5-8**	½" EMT	5⁄16" - ½"	100
78101119285	**BP-8-E-9-12**	½" EMT	9⁄16" - ¾"	100
78101119375	**BP-12-E-2-4**	½" EMT ½" IMC, Rigid	⅛" - ¼"	100
78101119380	**BP-12-E-5-8**	½" EMT ½" IMC, Rigid	5⁄16" - ½"	100
78101119385	**BP-12-E-9-12**	½" EMT ½" IMC, Rigid	9⁄16" - ¾"	100
78101119465	**BP-16-E-2-4**	1" EMT ¾" IMC, Rigid	⅛" - ¼"	100
78101119470	**BP-16-E-5-8**	1" EMT ¾" IMC, Rigid	5⁄16" - ½"	100
78101119475	**BP-16-E-9-12**	1" EMT ¾" IMC, Rigid	9⁄16" - ¾"	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

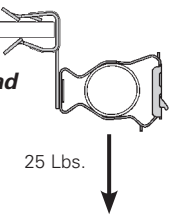


UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101118430	**BG-6-E-2-4***	⅜"	⅛" - ¼"	100
78101118435	**BG-6-E-5-8***	⅜"	5⁄16" - ½"	100
78101118440	**BG-6-E-9-12***	⅜"	9⁄16" - ¾"	100
78101118505	**BG-8-12-E-2-4**	½", ¾"	⅛" - ¼"	100
78101118510	**BG-8-12-E-5-8**	½", ¾"	5⁄16" - ½"	100
78101118515	**BG-8-12-E-9-12**	½", ¾"	9⁄16" - ¾"	100
78101118575	**BG-16-E-2-4**	1"	⅛" - ¼"	100
78101118580	**BG-16-E-5-8**	1"	5⁄16" - ½"	100
78101118585	**BG-16-E-9-12**	1"	9⁄16" - ¾"	100
78101118660	**BG-20-E-2-4**	1¼"	⅛" - ¼"	100
78101118665	**BG-20-E-5-8**	1¼"	5⁄16" - ½"	100
78101118670	**BG-20-E-9-12**	1¼"	9⁄16" - ¾"	100
78101118705	**BG-24-E-2-4**	1½"	⅛" - ¼"	50
78101118710	**BG-24-E-5-8**	1½"	5⁄16" - ½"	50
78101118715	**BG-24-E-9-12**	1½"	9⁄16" - ¾"	50
78101118745	**BG-32-E-2-4**	2"	⅛" - ¼"	50
78101118750	**BG-32-E-5-8**	2"	5⁄16" - ½"	50
78101118755	**BG-32-E-9-12**	2"	9⁄16" - ¾"	50

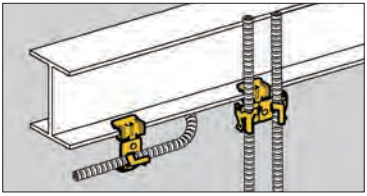
Patent #4958792

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5⁄16" or ⅜" flexible conduit

Static Load Capacity



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 ⅜" FMC to beam flanges ⅛" to ¾" thick.
- Fasteners will rotate 360°.
- Simply installed with a hammer.

Cable To Beam Fasteners

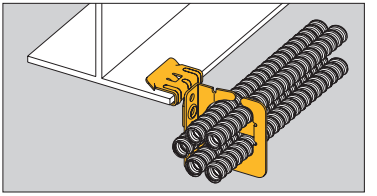


UPC/Part Number	Catalog Number	Types Of Runs	Flange Thickness	Box Qty.
78101101192	**BX4-E-2-4**	Single	⅛" - ¼"	100
78101101193	**BX4-E-5-8**	Single	5⁄16" - ½"	100
78101101194	**BX4-E-9-12**	Single	9⁄16" - ¾"	100



UPC/Part Number	Catalog Number	Types Of Runs	Flange Thickness	Box Qty.
78101101213	**BX4M-E-2-4**	Double	⅛" - ¼"	100
78101101214	**BX4M-E-5-8**	Double	5⁄16" - ½"	100
78101101215	**BX4M-E-9-12**	Double	5⁄16" - ¾"	100

Read safety/installation instruction sheets in packages before use.
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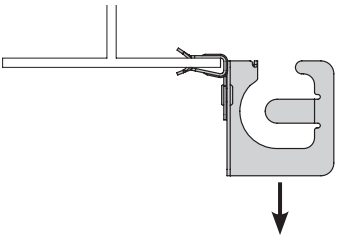
MC/AC Cable Carrier to Beam Fastener

- 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.



BRC5-2-E24

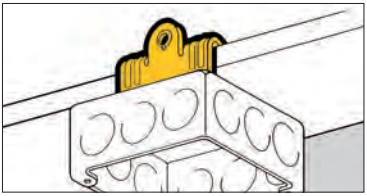
UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78205144093	**BRC51-E12**	3/32" - 9/64"	25
78205144096	**BRC51-E24**	1/8" - 1/4"	25
78205144099	**BRC51-E58**	5/16" - 1/2"	25
78205144102	**BRC51-E912**	9/16" - 3/4"	25
78205144094	**BRC52-E12**	3/32" - 9/64"	25
78205144097	**BRC52-E24**	1/8" - 1/4"	25
78205144100	**BRC52-E58**	5/16" - 1/2"	25
78205144103	**BRC52-E912**	9/16" - 3/4"	25
78205144095	**BRC53-E12**	3/32" - 9/64"	25
78205144098	**BRC53-E24**	1/8" - 1/4"	25
78205144101	**BRC53-E58**	5/16" - 1/2"	25
78205144104	**BRC53-E912**	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 ⅛" to ¾" thick.
- Provided with ¼"-20 thread impression for quick and secure attachment.
- Simply installed with a hammer.

Universal Beam Fasteners

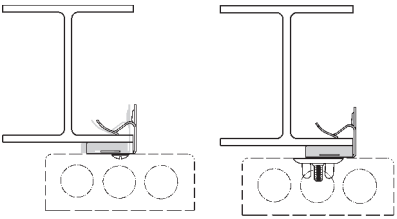


UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101119600	**BU-2-4**	⅛" - ¼"	100
78101119605	**BU-5-8**	5⁄16" - ½"	100
78101119610	**BU-9-12**	9⁄16" - ¾"	100

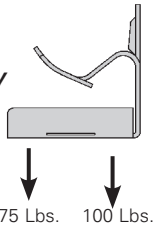


20 x ⅜"
ked Stud

UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101119615	**BU-2-4-S**	⅛" - ¼"	100
78101119620	**BU-5-8-S**	5⁄16" - ½"	100
78101119625	**BU-9-12-S**	9⁄16" - ¾"	100

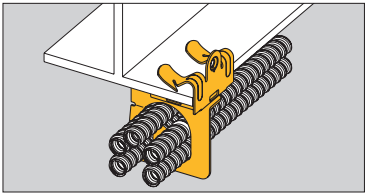


Static Load Capacity



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.

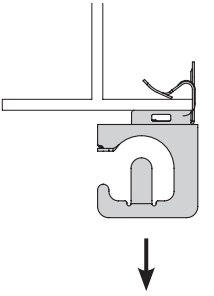


MC/AC Cable Carrier to Beam Fastener

- 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.



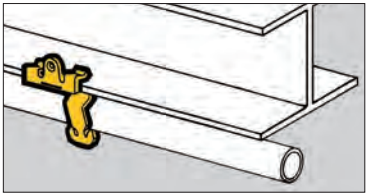
UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78205144066	**BRC51-U24**	1/8" - 1/4"	25
78205144069	**BRC51-U58**	5/16" - 1/2"	25
78205144072	**BRC51-U912**	9/16" - 3/4"	25
78205144067	**BRC52-U24**	1/8" - 1/4"	25
78205144070	**BRC52-U58**	5/16" - 1/2"	25
78205144073	**BRC52-U912**	9/16" -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



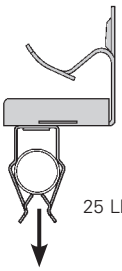
- Quickly attaches conduit to beams.
- Fasteners will rotate 360°.
- Simply installed with a hammer.

Push-Type Conduit To Beam Fasteners

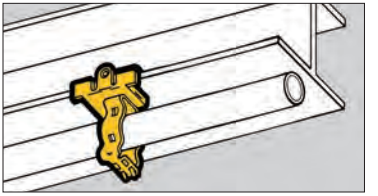


UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101119310	**BP-8-U-2-4**	½" EMT	⅛" - ¼"	100
78101119315	**BP-8-U-5-8**	½" EMT	5⁄16" - ½"	100
78101119320	**BP-8-U-9-12**	½" EMT	9⁄16" - ¾"	100
78101119405	**BP-12-U-2-4**	¾" EMT ½" IMC, Rigid	⅛" - ¼"	100
78101119410	**BP-12-U-5-8**	¾" EMT ½" IMC, Rigid	5⁄16" - ½"	100
78101119415	**BP-12-U-9-12**	¾" EMT ½" IMC, Rigid	9⁄16" - ¾"	100
78101119490	**BP-16-U-2-4**	1" EMT ¾" IMC, Rigid	⅛" - ¼"	100
78101119495	**BP-16-U-5-8**	1" EMT ¾" IMC, Rigid	5⁄16" - ½"	100
78101119500	**BP-16-U-9-12**	1" EMT ¾" IMC, Rigid	9⁄16" - ¾"	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	**BG-6-U-2-4***	3/8"	1/8" - 1/4"	100
78101118455	**BG-6-U-5-8***	3/8"	5/16" - 1/2"	100
78101118460	**BG-6-U-9-12***	3/8"	9/16" - 3/4"	100
78101118525	**BG-8-12-U-2-4**	1/2", 3/4"	1/8" - 1/4"	100
78101118530	**BG-8-12-U-5-8**	1/2", 3/4"	5/16" - 1/2"	100
78101118535	**BG-8-12-U-9-12**	1/2", 3/4"	9/16" - 3/4"	100
78101118625	**BG-16-U-2-4**	1"	1/8" - 1/4"	100
78101118630	**BG-16-U-5-8**	1"	5/16" - 1/2"	100
78101118635	**BG-16-U-9-12**	1"	9/16" - 3/4"	100
78101118680	**BG-20-U-2-4**	1 1/4"	1/8" - 1/4"	100
78101118685	**BG-20-U-5-8**	1 1/4"	5/16" - 1/2"	100
78101118690	**BG-20-U-9-12**	1 1/4"	9/16" - 3/4"	100
78101118720	**BG-24-U-2-4**	1 1/2"	1/8" - 1/4"	50
78101118725	**BG-24-U-5-8**	1 1/2"	5/16" - 1/2"	50
78101118730	**BG-24-U-9-12**	1 1/2"	9/16" - 3/4"	50
78101118760	**BG-32-U-2-4**	2"	1/8" - 1/4"	50
78101118765	**BG-32-U-5-8**	2"	5/16" - 1/2"	50
78101118770	**BG-32-U-9-12**	2"	9/16" - 3/4"	50

Patent #4958792

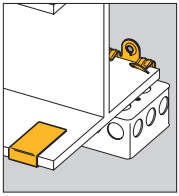
* BG-6 will accept the following range ∅.420 - ∅.675: 14/2 thru 10/4 MC/AC cable and 5/16" or 3/8" flexible conduit



Static Load Capacity

75 Lbs.

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.
- Suspends threaded rod from beam flanges.
- 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.

Beam Fasteners With Anchor Straps



Static Load Capacity
75 Lbs.

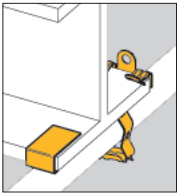
UPC/Part Number	Catalog Number	Stud Size	Flange Thickness	Box Qty.
78101104942	**BU-2-4-S-AS**	1/4"-20 x 3/8"	1/8" - 1/4"	50
78101104943	**BU-5-8-S-AS**	1/4"-20 x 3/8"	5/16" - 1/2"	50
78101104944	**BU-9-12-S-AS**	1/4"-20 x 3/8"	9/16" - 3/4"	50

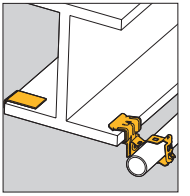


Static Load Capacity
160 Lbs.

UPC/Part Number	Catalog Number	Threaded Rod Size	Flange Thickness	Box Qty.
78101104948	**BH4-E-2-4-AS**	1/4"-20	1/8" - 1/4"	50
78101104949	**BH4-E-5-8-AS**	1/4"-20	5/16" - 1/2"	50
78101104950	**BH4-E-9-12-AS**	1/4"-20	9/16" - 3/4"	50
78101104951	**BH6-E-2-4-AS**	3/8"-16	1/8" - 1/4"	50
78101104952	**BH6-E-5-8-AS**	3/8"-16	5/16" - 1/2"	50
78101104953	**BH6-E-9-12-AS**	3/8"-16	9/16" - 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 ⅛" to ¼" thick flanges.
- 13" anchor straps are provided for 5/16" to ¾" thick flanges.

Conduit To Beam Fasteners With Anchor Straps



Static Load Capacity
75 Lbs.

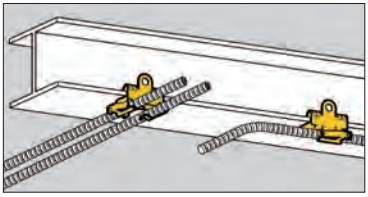
UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101104966	**BG-8-12-U-2-4-AS**	½", ¾"	⅛" - ¼"	50
78101104967	**BG-8-12-U-5-8-AS**	½", ¾"	5/16" - ½"	50
78101104968	**BG-8-12-U-9-12-AS**	½", ¾"	9/16" - ¾"	50
78101104969	**BG-16-U-2-4-AS**	1"	⅛" - ¼"	50
78101104970	**BG-16-U-5-8-AS**	1"	5/16" - ½"	50
78101104971	**BG-16-U-9-12-AS**	1"	9/16" - ¾"	50



Static Load Capacity
25 Lbs.

UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101104972	**BG-8-12-E-2-4-AS**	½", ¾"	⅛" - ¼"	50
78101104973	**BG-8-12-E-5-8-AS**	½", ¾"	5/16" - ½"	50
78101104974	**BG-8-12-E-9-12-AS**	½", ¾"	9/16" - ¾"	50
78101104975	**BG-16-E-2-4-AS**	1"	⅛" - ¼"	50
78101104976	**BG-16-E-5-8-AS**	1"	5/16" - ½"	50
78101104977	**BG-16-E-9-12-AS**	1"	9/16" - ¾"	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 ⅜" FMC to flanges ⅛" to ¾" thick.
- Fasteners will rotate 360°.

Cable To Beam Fasteners

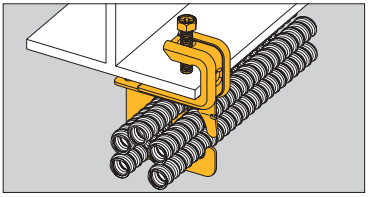


UPC/Part Number	Catalog Number	Description	Flange Thickness	Box Qty.
78101101197	**BX4-U-2-4**	Single Runs	⅛" - ¼"	100
78101101198	**BX4-U-5-8**	Single Runs	5⁄16" - ½"	100
78101101199	**BX4-U-9-12**	Single Runs	9⁄16" - ¾"	100



UPC/Part Number	Catalog Number	Description	Flange Thickness	Box Qty.
78101101206	**BX4M-U-2-4**	Double Runs	⅛" - ¼"	100
78101101207	**BX4M-U-5-8**	Double Runs	5⁄16" - ½"	100
78101101208	**BX4M-U-9-12**	Double Runs	9⁄16" - ¾"	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 ⅛" thru ⅝" thick.
- Load Capacity: 50 lbs.

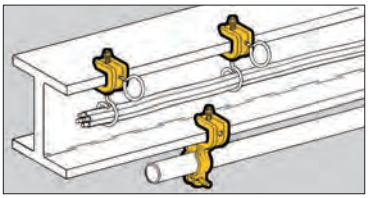
MC/AC Cable Carrier to Beam Fastener



BRC5-1-C442

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

Read safety/installation instruction sheets in packages before use.



- BC442 fits beam flanges ⅛" to ⅝". BC442-6 fits beam flanges up to ¾".
- Finish: Zinc Plated.
- Static Load Capacity: BC442 = 100 Lbs. BC442-6 = 200 Lbs.

Beam Fasteners

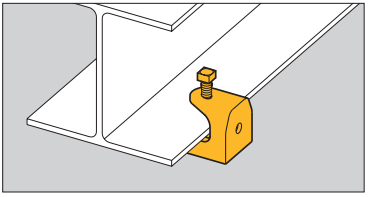


UPC/Part Number	Catalog Number	Description	Box Qty.
78101118278	**BC442**	Accepts ¼"-20 Threaded Rod or ¼"-20 Threaded Bridle Rings	50
78101104283	**BC442-6**	Accepts ⅜"-16 Threaded Rod	25



UPC/Part Number	Catalog Number	Conduit Size Rigid	Conduit Size EMT	Box Qty.
78101119850	**BL1400-C442**	½"	½"	50
78101119851	**BL1410-C442**	¾"	¾"	50
78101119852	**BL1420-C442**	1"	1"	50
78101119853	**BL1425-C442**	--	1¼"	50
78101119854	**BL1430-C442**	1¼"	1½"	50
78101119855	**BL1440-C442**	1½"	--	25
78101119856	**BL1450-C442**	2"	2"	25

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

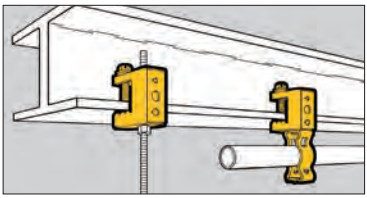


- Can be used with ¼"-20 and ⅜"-16 threaded rod or bridle rings.
- Fits beam flanges through ½" thick.
- Safety Factor of 5.
- Finish: Zinc-Plated.

Beam Fasteners



UPC/Part Number	Catalog Number	Rod Size	Static Load Cap.	Box Qty.
78101155333	**B444-¼**	¼"-20	150 lbs.	50
78101155333	**B444-5/16**	5/16"-18	150 lbs.	50
78101155333	**B444-⅜**	⅜"-16	150 lbs.	50



- Fits beam flanges thru ½" thick.
- Accepts "S" hooks, ¼" and ⅜" threaded rod, ¼"-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	**BC1**	Thru ½"	100 lbs.	100



Guide-Rite™
Fastener

UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Static Load Cap.	Box Qty.
78101118490	**BG-8-12-C2**	½", ¾"	100 lbs.	100
78101118570	**BG-16-C2**	1"	100 lbs.	100
78101118655	**BG-20-C2**	1¼"	100 lbs.	100
78101118700	**BG-24-C2**	1½"	100 lbs.	100
78101118740	**BG-32-C2**	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	**BG-8-12-C1**	½", ¾"	25 lbs.	100
78101118565	**BG-16-C1**	1"	25 lbs.	100
78101118650	**BG-20-C1**	1¼"	25 lbs.	100
78101118695	**BG-24-C1**	1½"	25 lbs.	50
78101118735	**BG-32-C1**	2"	25 lbs.	50



Push-Type

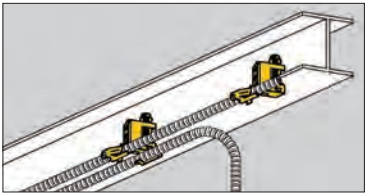
UPC/Part Number	Catalog Number	Conduit Size	Ultimate Static Load Cap.	Box Qty.
78101119260	**BP-8-C2**	½" EMT	25 lbs.	100
78101119360	**BP-12-C2**	¾" EMT ½" IMC, Rigid	25 lbs.	100
78101119455	**BP-16-C2**	1" EMT ¾" IMC, Rigid	25 lbs.	100



Push-Type

UPC/Part Number	Catalog Number	Conduit Size	Ultimate Static Load Cap.	Box Qty.
78101119255	**BP-8-C1**	½" EMT	25 lbs.	100
78101119355	**BP-12-C1**	¾" EMT ½" IMC, Rigid	25 lbs.	100
78101119450	**BP-16-C1**	1" EMT 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 ⅜" FMC to beam flanges thru ½" thick.
- Fasteners will rotate 360°.
- Requires only a screwdriver to install.

Cable To Beam Fasteners

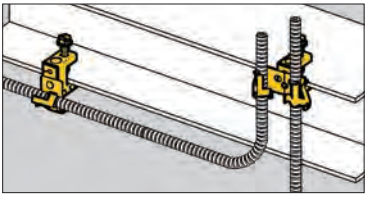


BX4-C2



BX4M-C2

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



- Attaches MC, AC, sizes 14/2 through 10/3 or ⅜" FMC to beam flanges thru ½" thick.
- Fasteners will rotate 360°.
- Requires only a screwdriver to install.

Cable To Beam Fasteners



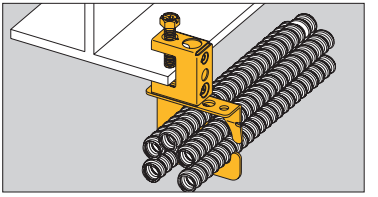
BX4-C1



BX4M-C1

UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101101191	**BX4-C1**	Single Runs	100
78101101209	**BX4M-C1**	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 ½" thick.
- Load Capacity: 50 lbs.

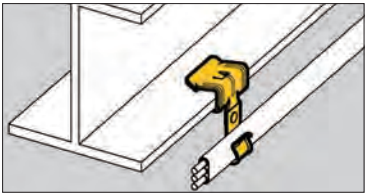
MC/AC Cable Carrier to Beam Fastener



BRC5-x-C2

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

Read safety/installation instruction sheets in packages before use.



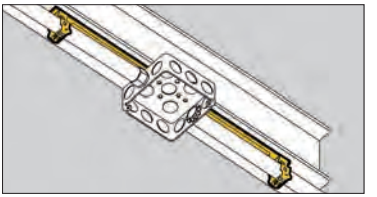
- Attaches type NM cable to beam flanges ⅛" to ½" thick.
- Supports cable sizes 14/2 and 12/2 with ground wire.
- Simply installed with a hammer.

Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101103550	**BRC3-E-2-4**	⅛" to ¼"	100
78101103551	**BRC3-E-5-8**	5⁄16" to ½"	100
78101103552	**BRC3-E-9-12**	9⁄16" to ¾"	100

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



Guide-Rite Conduit & Box Support Fasteners

- Consult factory for pre-fab box assemblies.

- BMC3 plate is available to support multiple conduit runs.
- Guide-Rite™ Riveted assembly secures electrical boxes and conduit runs to beam flanges ⅛" to ½" 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.



BG__-S18-U__



BG__-S18-U__-MC3

UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101103583	**BG6-S18-U24 ***	⅜"	⅛" to ¼"	25
78101103584	**BG6-S18-U58 ***	⅜"	5/16" to ½"	25
78101103579	**BG812-S18-U24**	½", ¾"	⅛" to ¼"	25
78101103580	**BG812-S18-U58**	½", ¾"	5/16" to ½"	25
78101103581	**BG16-S18-U24**	1"	⅛" to ¼"	25
78101103582	**BG16-S18-U58**	1"	5/16" to ½"	25

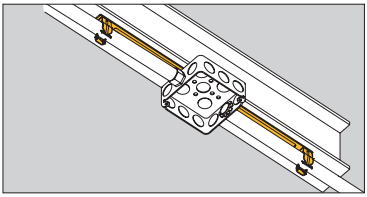
Patent #4958792

With Multiple Conduit Plate

78205152813	**BG6-S18-U24-MC3 ***	⅜"	⅛" to ¼"	25
78205152814	**BG6-S18-U58-MC3 ***	⅜"	5/16" to ½"	25
78205152815	**BG812-S18-U24-MC3**	½", ¾"	⅛" to ¼"	25
78205152816	**BG812-S18-U58-MC3**	½", ¾"	5/16" to ½"	25
78205152817	**BG16-S18-U24-MC3**	1"	⅛" to ¼"	25
78205152823	**BG16-S18-U58-MC3**	1"	5/16" to ½"	25

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5/16" or ⅜" 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 ⅛" to ½" 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.



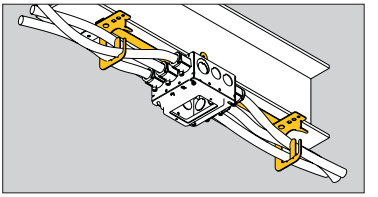
BP__-S18-U__



BP__-S18-U__-MC3

UPC/Part Number	Catalog Number	Conduit Size EMT, IMC, Rigid	Flange Thickness	Box Qty.
78205123635	**BP8-S18-U24**	⅜"	⅛" to ¼"	25
78205123638	**BP8-S18-U58**	⅜"	5⁄16" to ½"	25
78205123636	**BP12-S18-U24**	½", ¾"	⅛" to ¼"	25
78205123639	**BP12-S18-U58**	½", ¾"	5⁄16" to ½"	25
78205123637	**BP16-S18-U24**	1"	⅛" to ¼"	25
78205123640	**BP16-S18-U58**	1"	5⁄16" to ½"	25
Patent #4958792				
With Multiple Conduit Plate				
78205152824	**BP8-S18-U24-MC3**	⅜"	⅛" to ¼"	25
78205152825	**BP8-S18-U58-MC3**	⅜"	5⁄16" to ½"	25
78205152827	**BP12-S18-U24-MC3**	½", ¾"	⅛" to ¼"	25
78205152828	**BP12-S18-U58-MC3**	½", ¾"	5⁄16" to ½"	25
78205152825	**BP16-S18-U24-MC3**	1"	⅛" to ¼"	25
78205152964	**BP16-S18-U58-MC3**	1"	5⁄16" to ½"	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 retension tab is open for easy loading and contains cable when bent in place.

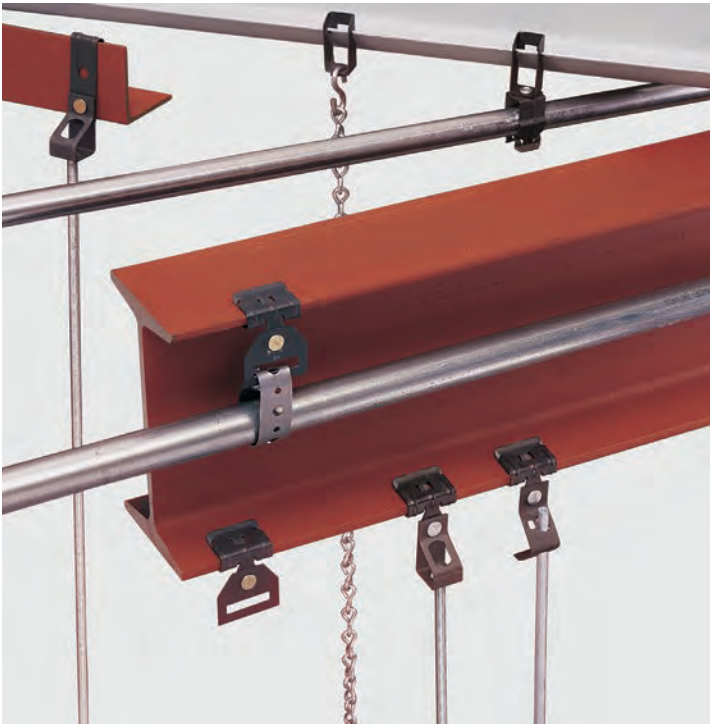
Multi-Run Cable Carrier & Box Support Fastener



BRC5_-S18-U__

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

Read safety/installation instruction sheets in packages before use.

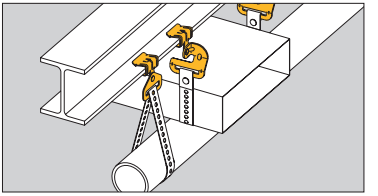












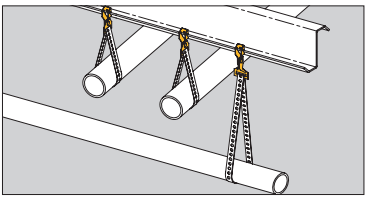
- Suspends straps thru 1½" wide from beam flanges ⅛" to ¾" thick.
- Suspends straps parallel or at right angles to beams.
- Simply installed with a hammer.
- Static Load Capacity: 200 Lbs.

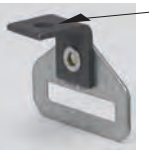
Strap Hangers



Parallel Right Angle

UPC/Part Number	Catalog Number	Description	Flange Thickness	Box Qty.
78101104930	**BHE-1-2**	Parallel	1/16" to 1/8"	100
78101118870	**BH-2-4**	Parallel	1/8" to 1/4"	100
78101118880	**BH-5-8**	Parallel	5/16" to 1/2"	100
78101118890	**BH-9-12**	Parallel	9/16" to 3/4"	100
78101104115	**BH-1-2-R**	Right Angle	1/16" to 1/8"	100
78101118875	**BH-2-4-R**	Right Angle	1/8" to 1/4"	100
78101118885	**BH-5-8-R**	Right Angle	5/16" to 1/2"	100
78101118895	**BH-9-12-R**	Right Angle	9/16" to 3/4"	100





BH-H7

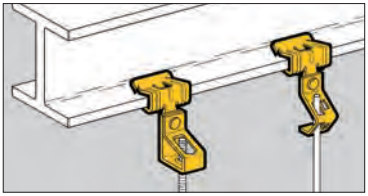
"Z" Purlin Hangers



BH-F12 BH-F12-R

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

Read safety/installation instruction sheets in packages before use.



- Suspend wire or plain and threaded rod from beam flanges 1/8" to 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	**BH1-E-2-4**	1/8" to 1/4"	#8 Wire or 1/4" Plain Rod	100
78101118905	**BH1-E-5-8**	5/16" - 1/2"	#8 Wire or 1/4" Plain Rod	100
78101118910	**BH1-E-9-12**	9/16" - 3/4"	#8 Wire or 1/4" Plain Rod	100

UPC/Part Number	Catalog Number	Flange Thickness	Plain Rod Size	Box Qty.
78101118940	**BH2-E-2-4**	1/8" to 1/4"	3/8"	100
78101118945	**BH2-E-5-8**	5/16" - 1/2"	3/8"	100
78101118950	**BH2-E-9-12**	9/16" - 3/4"	3/8"	100

Read safety/installation instruction sheets in packages before use.

Rod To Beam Hangers



With thread impression

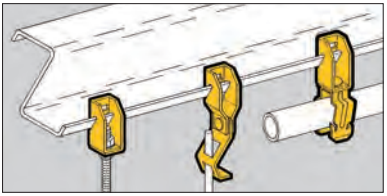
UPC/Part Number	Catalog Number	Flange Thickness	Threaded Rod Size	Box Qty.
78101118980	**BH4-E-2-4**	1/8" to 1/4"	1/4"	100
78101118985	**BH4-E-5-8**	5/16" - 1/2"	1/4"	100
78101118990	**BH4-E-9-12**	9/16" - 3/4"	1/4"	100
78101119060	**BH6-E-2-4**	1/8" to 1/4"	3/8"	100
78101119065	**BH6-E-5-8**	5/16" - 1/2"	3/8"	100
78101119070	**BH6-E-9-12**	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	**BH5-E-2-4** *	1/8" to 1/4"	1/4" to 3/8"	100
78101119025	**BH5-E-5-8** *	5/16" - 1/2"	1/4" to 3/8"	100
78101119030	**BH5-E-9-12** *	9/16" - 3/4"	1/4" to 3/8"	100

*Nuts required.

Read safety/installation instruction sheets in packages before use.



- 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	**BF13**	With ¼" Hole	100	100
78101118340	**BF12**	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	**BG-6-F13** *	3/8"	100	100
78101118520	**BG-8-12-F13**	½", ¾"	100	100
78101118590	**BG-16-F13**	1"	100	100
78101118675	**BG-20-F13**	1¼"	100	100
78101119290	**BP-8-F13**	½" EMT	25	100
78101119390	**BP-12-F13**	¾" EMT ½" IMC, Rigid	25	100
78101119480	**BP-16-F13**	1" EMT ¾" IMC, Rigid	25	50

* 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.

Universal Beam Fasteners

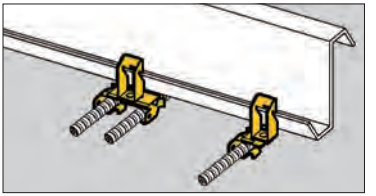


UPC/Part Number	Catalog Number	Description	Static Load Cap.	Box Qty.
78101118920	**BH1-F12**	#8 Wire or ¼" Plain Rod	100 Lbs.	100
78101118960	**BH2-F12**	⅜" Plain Rod	100 Lbs.	100



UPC/Part Number	Catalog Number	Threaded Rod Size	Static Load Cap.	Box Qty.
78101119000	**BH4-F12**	¼"	100 Lbs.	100
78101119080	**BH6-F12**	⅜"	100 Lbs.	100
78101119040	**BH5-F12** *	¼" & ⅜"	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 ⅜" FMC to "Z" Purlins up to 3/32" thick.
- Fastener will rotate 360°.
- Simply installed with a hammer.

Cable To "Z" Purlin Flange Hangers



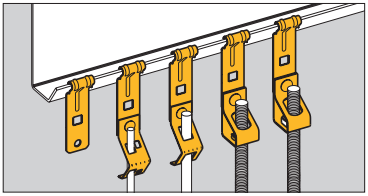
BX4-F13



BX4M-F13

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

Read safety/installation instruction sheets in packages before use.



- 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.

"Z" Purlin Flange Hangers



UPC/Part Number	Catalog Number	Description	Box Qty.
78101104271	**BF4**	For "S" Hooks, Bolting Straps and Wrap Wire	100

Read safety/installation instruction sheets in packages before use.

"Z" Purlin Flange Hangers



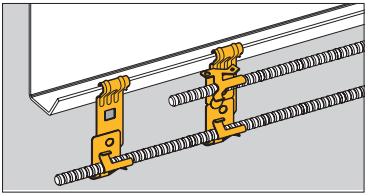
UPC/Part Number	Catalog Number	Description	Box Qty.
78101104274	**BH1-F4**	#8 Wire or ¼" Plain Rod	100
78101104276	**BH2-F4**	⅜" Plain Rod	100



UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101104286	**BH4-F4**	¼"	100
78101104280	**BH6-F4**	⅜"	100
78101104278	**BH5-F4** *	¼" - ⅜"	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 ⅜" FMC to "Z" Purlins.
- Fits "Z" Purlin flanges 1⁄16" to ¼" thick.
- Fastener will rotate 360°.

Cable To "Z" Purlin Flange Hangers



UPC/Part Number	Catalog Number	Description	Box Qty.
78101104931	**BX4-F4**	Single Runs	100

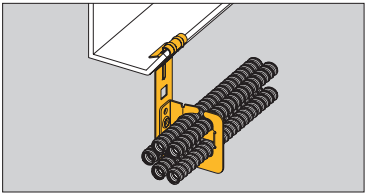
These products are designed for positioning only. No load rating.



UPC/Part Number	Catalog Number	Description	Box Qty.
78101104932	**BX4M-F4**	Double Runs	100

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

Read safety/installation instruction sheets in packages before use.



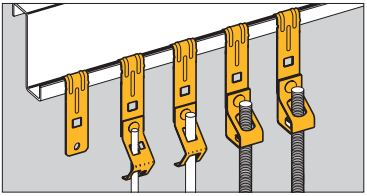
MC/AC Cable Carrier to ‘Z’ Purlin Flange Hanger

- 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	**BRC51-F4**	.430" to .560" Up to 4 Runs	25
78205144085	**BRC52-F4**	.430" to .560" Up to 9 Runs	25
78205144086	**BRC53-F4**	.560" to .690" 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	**BF3**	For "S" Hooks, Bolting Straps and Wrap Wire	100

Read safety/installation instruction sheets in packages before use.

Vertical Flange Hangers



UPC/Part Number	Catalog Number	Description	Box Qty.
78101104273	**BH1-F3**	#8 Wire or ¼" Plain Rod	100
78101104275	**BH2-F3**	⅜" Plain Rod	100

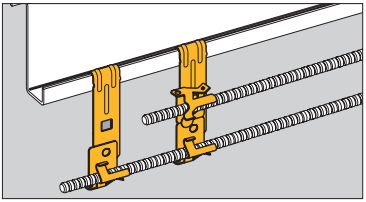


4¼" Overall Height

UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101104285	**BH4-F3**	¼"	100
78101104279	**BH6-F3**	⅜"	100
78101104933	**BH5-F3** *	¼", ⅜"	100

* Nuts required.

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" flexible conduit FMC to vertical flanges 1/16" to 1/4" thick.
- Fastener will rotate 360°.
- Simply installed with a hammer.

Cable To Vertical Flange Hangers

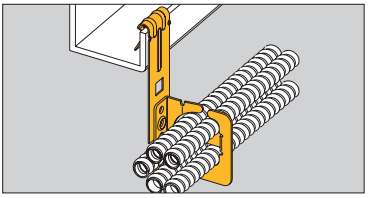


UPC/Part Number	Catalog Number	Description	Box Qty.
78101104281	**BX4-F3**	Single Runs	100



UPC/Part Number	Catalog Number	Description	Box Qty.
78101104282	**BX4M-F3**	Double Runs	100

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



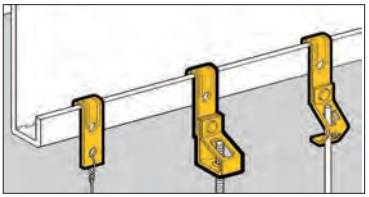
MC/AC Cable Carrier To Vertical Flange Hanger

- 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	**BRC51-F3**	.430" to .560" Up to 4 Runs	25
78205144084	**BRC52-F3**	.430" to .560" Up to 9 Runs	25
78205144083	**BRC53-F3**	.560" to .690" Up to 7 Runs	25

Read safety/installation instruction sheets in packages before use.



- Suspend wire, or plain or 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	Flange Thickness	Description	Box Qty.
78101118310	**BF1**	1/16" - 5/32"	For "S" Hooks, Bolting Straps and Wrap Wire	100
78101118315	**BF2**	5/32" - 1/4"	For "S" Hooks, Bolting Straps and Wrap Wire	100



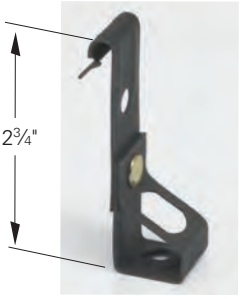
UPC/Part Number	Catalog Number	Flange Thickness	Description	Box Qty.
78101118915	**BH1-F1**	1/16" - 5/32"	#8 Wire or 1/4" Plain Rod	100
78101118925	**BH1-F2**	5/32" - 1/4"	#8 Wire or 1/4" Plain Rod	100

Read safety/installation instruction sheets in packages before use.

Vertical Flange Hangers



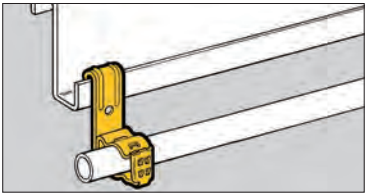
UPC/Part Number	Catalog Number	Flange Thickness	Plain Rod Size	Box Qty.
78101118955	**BH2-F1**	1/16" - 5/32"	3/8"	100
78101118965	**BH2-F2**	5/32" - 1/4"	3/8"	100



UPC/Part Number	Catalog Number	Flange Thickness	Threaded Rod Size	Box Qty.
With Thread Impression				
78101118995	**BH4-F1**	1/16" - 5/32"	1/4"	100
78101119075	**BH6-F1**	1/16" - 5/32"	3/8"	100
78101119005	**BH4-F2**	5/32" - 1/4"	1/4"	100
78101119085	**BH6-F2**	5/32" - 1/4"	3/8"	100
With Clearance Hole				
78101118995	**BH5-F1** *	1/16" - 5/32"	1/4", 3/8"	100
78101119075	**BH5-F2** *	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 ⅜" to 1" conduit from vertical flanges 1/16" to ¼" 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	**BG-6-F1** *	⅜"	1/16" - 5/32"	100
78101119960	**BG-6-F2** *	⅜"	5/32" - ¼"	100
78101119958	**BG-8-12-F1**	½" & ⅜"	1/16" - 5/32"	100
78101119961	**BG-8-12-F2**	½" & ⅜"	5/32" - ¼"	100
78101119958	**BG-16-F1**	1"	1/16" - 5/32"	100
78101119961	**BG-16-F2**	1"	5/32" - ¼"	100

Patent #4958792

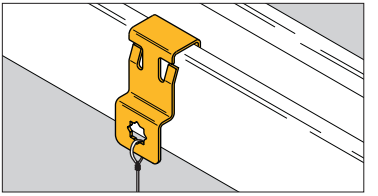
* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 9/16" or ⅜" flexible conduit



UPC/Part Number	Catalog Number	Wire Size	Flange Thickness	Box Qty.
78101103556	**BRC3-F1**	14/2 & 12/2 With Ground	1/16" - 5/32"	100
78101103557	**BRC3-F2**	14/2 & 12/2 With Ground	5/32" - ¼"	100

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

Read safety/installation instruction sheets in packages before use.



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 ¼" 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	**BSC4**	Strut Clip	60 lbs.	100



UPC/Part Number	Catalog Number	Rod Size	Load Capacity	Box Qty.
78205146581	**BH4-SC4**	¼"-20	60 lbs.	100
78205146582	**BH6-SC4**	⅜"-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	**BG6-SC4**	MC/AC & ⅜"	25 lbs.	100
78205146578	**BG812-SC4**	½" & ¾"	25 lbs.	100
78205146579	**BP8-SC4**	½"	15 lbs.	100
78205146580	**BP12-SC4**	¾"	15 lbs.	100
78205146588	**BL1400-SC4**	½"	60 lbs.	100
78205146589	**BL1410-SC4**	¾"	60 lbs.	100
78205146590	**BL1420-SC4**	1"	60 lbs.	100



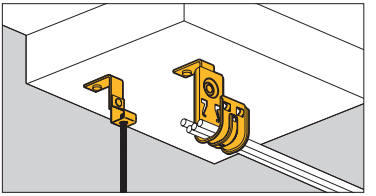
BX4M_-SC4



BRC5_-SC4

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

Read safety/installation instruction sheets in packages before use.



Drive Pin Fasteners

- Special support bracket allows clearance for powder actuated tools.
- Exclusive 1¼" 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.



BPNA



BCH21-PNA
BCH32-PNA



BH-PNA



BH1-PNA
BH2-PNA

UPC/Part Number	Catalog Number	Description	Box Qty.
78205125583	**BPNA**	Angle Bracket	100
78205128090	**BCH12-PNA**	¾" Cable Hook	100
78205125584	**BCH21-PNA**	1 5/16" Cable Hook	50
78205125586	**BCH32-PNA**	2" Cable Hook	50
78205125588	**BCH64-PNA**	4" Cable Hook	25
78205125611	**BH-PNA**	Strap Hanger	100
78205125593	**BH1-PNA**	#8 Wire or ¼" Plain Rod	100
78205125596	**BH2-PNA**	⅜" 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

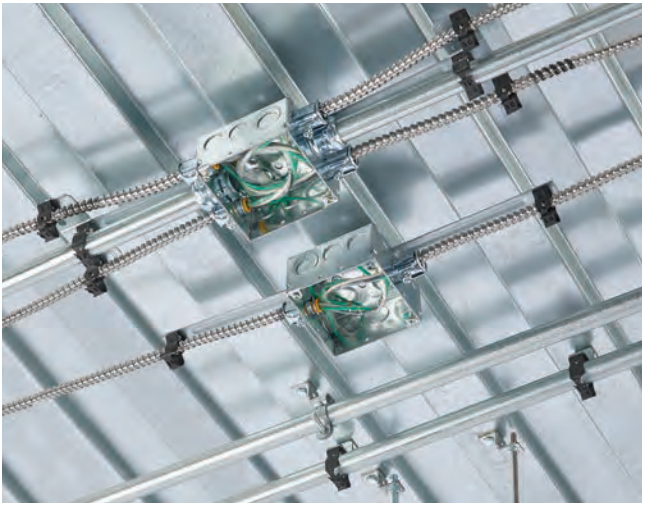
UPC/Part Number	Catalog Number	Description	Box Qty.
78205125604	**BH4-PNA** *	¼" Threaded Rod	100
78205125606	**BH6-PNA** *	⅜" Threaded Rod Cable Hook	100
78205125605	**BH5-PNA** **	¼" or ⅜" Threaded Rod	100
78205125613	**BG6-PNA** ***	⅜" Conduit	100
78205125615	**BG8-12-PNA**	½" & ¾" Conduit	100
78205125616	**BG16-PNA**	1" Conduit	100
78205125623	**BP8-PNA**	½" EMT	100
78205125624	**BP12-PNA**	¾" EMT	100
78205125630	**BP16-PNA**	1" EMT	100
78205125620	**BL1400-PNA**	½" Conduit	100
78205125621	**BL1410-PNA**	¾" Conduit	100
78205125622	**BL1420-PNA**	1" Conduit	100
78205125590	**BX4-PNA**	Single Run MC, AC or FMC	100
78205125591	**BX4M-PNA**	Double Run MC, AC or FMC	100

* With threaded impressions. ** Nuts required.

*** BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 5⁄16" or ⅜" 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.

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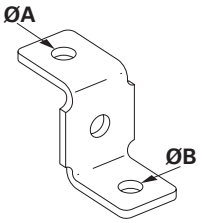


Fig. 1

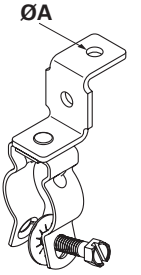


Fig. 2

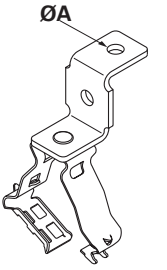


Fig. 3

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.*

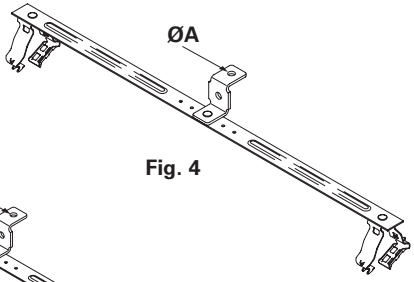


Fig. 4

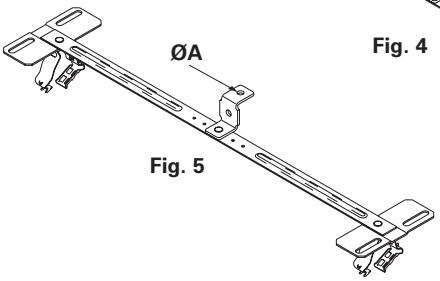


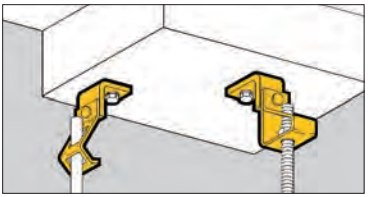
Fig. 5

Catalog No.	Fig No.	Hole Ø A	Hole Ø B	Conduit Ø	Static Load* lbs(kg)	Box Qty
BDH1	1	¼"	¼"	—	230 (104)	100
BDH2	1	¼"	⅜"	—	230 (104)	100
BDH3	1	⅜"	⅜"	—	250 (113)	100
BL1400-DH	2	¼"	—	½" EMT/RGD	100 (45)	50
BL1410-DH	2	¼"	—	¾" EMT/RGD	100 (45)	50
BL1420-DH	2	¼"	—	1" EMT/RGD	100 (45)	50
BL1425-DH	2	¼"	—	1¼" EMT	100 (45)	50
BL1430-DH	2	¼"	—	1½" EMT, 1¼" RGD	100 (45)	50
BG6-DH	3	¼"	—	⅜" EMT/RGD**	25 (11)	50
BG812-DH	3	¼"	—	½"–¾" EMT/RGD	50 (23)	50
BG16-DH	3	¼"	—	1" EMT/RGD	60 (27)	50
BG20-DH	3	¼"	—	1¼" EMT/RGD	75 (34)	50
BG24-DH	3	¼"	—	1½" EMT/RGD	80 (36)	50
BG6-S18-DH	4	¼"	—	⅜" EMT/RGD**	25 (10)	25
BG812-S18-DH	4	¼"	—	½"–¾" EMT/RGD	25 (10)	25
BG16-S18-DH	4	¼"	—	1" EMT/RGD	25 (10)	25
BG6-S18-DH-MC3	5	¼"	—	⅜" EMT/RGD**	25 (10)	25
BG812-S18-DH-MC3	5	¼"	—	½"–¾" EMT/RGD	25 (10)	25
BG16-S18-DH-MC3	5	¼"	—	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 ⅜" flexible conduit.

† NEC® Section 300.4(E) states that cables and raceways must be installed at least 1½" (38 mm) under the roof decking to prevent potential damage from nails or screws.



- Suspend plain or threaded rod and drop wire from ceilings, walls, concrete beams, joists and laminated wood beams.
- Clearance hole for ¼" bolt provided.
- Static Load Capacity: 160 Lbs.

Angle Bracket Fasteners



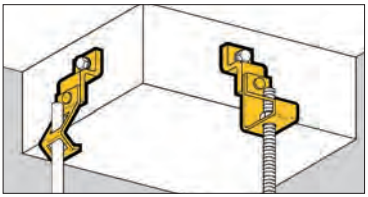
UPC/Part Number	Catalog Number	Description	Box Qty.
78101118930	**BH1-H7**	#8 Wire or ¼" Plain Rod	100
78101118975	**BH2-H7**	For ⅜" Plain Rod	100



UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101119010	**BH4-H7**	¼"-20	100
78101119090	**BH6-H7**	⅜"-16	100
78101119050	**BH5-H7** *	¼"-20 or ⅜"-16	100

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

Read safety/installation instruction sheets in packages before use.



- Suspend plain or threaded rod and drop wire from ceilings, walls, beams, and joists.
- Clearance hole for ¼" bolt provided.
- Static Load Capacity: 160 Lbs.

Offset Bracket Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101118935	**BH1-H8**	#8 Wire or ¼" Plain Rod	100
78101118975	**BH2-H8**	⅜" Plain Rod	100



UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101119015	**BH4-H8**	¼"-20	100
78101119095	**BH6-H8**	⅜"-16	100
78101119055	**BH5-H8** *	¼"-20 or ⅜"-16	100

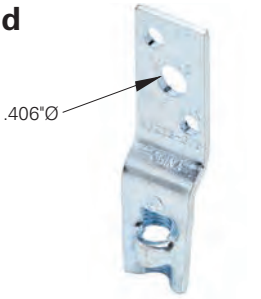
* Nuts required.
Note: BH4 & BH6 have thread impressions.

Read safety/installation instruction sheets in packages before use.

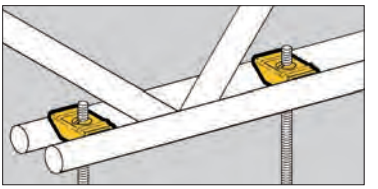


- Suspend ⅜" threaded rod from ceilings, walls, beams, and joists.
- Finish: Zinc Plated.
- Static Load Capacity: 610 Lbs.

Threaded Rod Hangers



UPC/Part Number	Catalog Number	Description	Box Qty.
78101101661	**B3223-⅜**	Offset Eye Socket	100



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

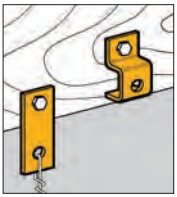
Wedge Hangers

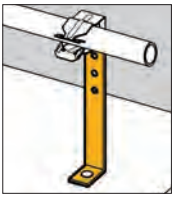




UPC/Part Number	Catalog Number	Description	Box Qty.
78101118860	**BH11**	With ⅜" Clearance Hole	100
78101118865	**BH12**	With ¼"-20 Thread Impression	100

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

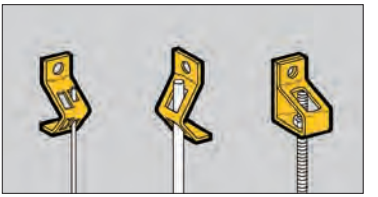


BA28B

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101686	**BD2**	Flat Bracket	100
78101118280	**BD4**	Offset Bracket	100
78101101449	**BA28B**	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 ¼" or ⅜" threaded rod.
- Static Load Capacity: 160 Lbs.

Components

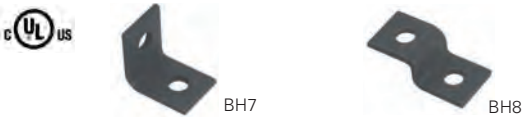


UPC/Part Number	Catalog Number	Description	Box Qty.
78101118800	**BH1**	#8 Wire or ¼" Plain Rod	100
78101118805	**BH2**	For ⅜" Plain Rod	100



UPC/Part Number	Catalog Number	Description	Box Qty.
78101118815	**BH4**	For ¼" Threaded Rod	100
78101118825	**BH6**	For ⅜" Threaded Rod	100
78101118820	**BH5** *	For ¼" & ⅜" Threaded Rod	100

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



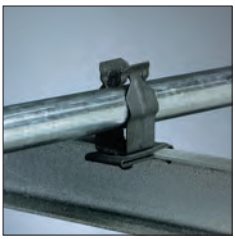
UPC/Part Number	Catalog Number	Description	Box Qty.
78101118830	**BH7**	Angle Bracket With .281"Ø Holes	100
78101118835	**BH7-6**	Angle Bracket With .281"Ø & .406"Ø Holes	100
78101118840	**BH8**	Offset Bracket With .281"Ø Holes	100
78101118845	**BH8-6**	Offset Bracket With .281"Ø & .406"Ø Holes	100

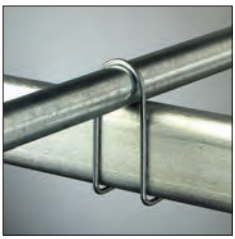
Read safety/installation instruction sheets in packages before use.





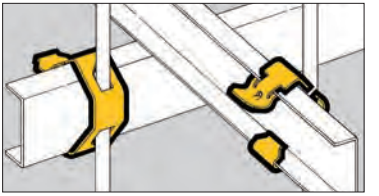






Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

Lathers channel



Rod & Wire Fasteners

- For fastening standard lathers channels to wires and plain rods.
- Fits ½" through ⅝" channel flange widths.
- Accepted for use by the City of New York Department of Buildings. MEA 383-91-M.
- Static Load Capacity: 160 Lbs.

Side Mounts



BL-24-2



BL-24-4

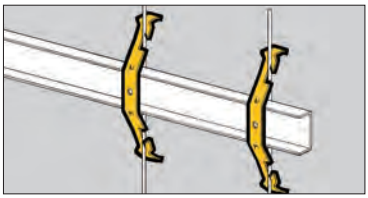
UPC/Part Number	Catalog Number	Channel Size	Rod/Wire Size	Box Qty.
78101119882	**BL-24-2**	1½"	#8 Wire	100
78101119883	**BL-24-4**	1½"	¼"	100
78101119885	**BL-32-4**	2"	¼"	100



Center Mount

UPC/Part Number	Catalog Number	Channel Size	Rod/Wire Size	Box Qty.
78101119884	**BL-24-4C**	1½"	¼" Rod	100

Read safety/installation instruction sheets in packages before use.

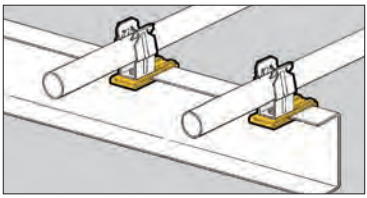


Rod & Wire Fasteners

- For fastening standard 1½" lathers channel to wires and plain rods.
- Wire size: #8 and #9.
- Rod size: 3⁄16" and ¼".
- Fits 9⁄16" thru 5⁄8" channel flange widths.
- Static Load Capacity: 100 Lbs.



UPC/Part Number	Catalog Number	Description	Box Qty.
78101119880	**BL1**	Channel to Rod & Wire	100



Flange Fasteners

- Serves as a mounting base for conduit fasteners or electrical boxes.
- Attaches to either flange of lathers channel with ¼"-20 screw (furnished).
- Fits channel flange widths up to 5⁄8".

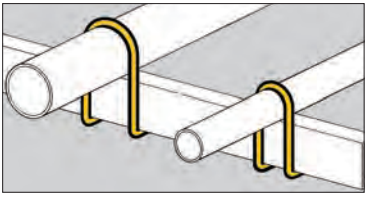


UPC/Part Number	Catalog Number	Description	Box Qty.
78101119881	**BL2**	Flange Fastener with Screw	100

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	**BL3-8**	½"	100
78101119903	**BL3-12**	¾"	100
78101119904	**BL3-16**	1"	100
78101119905	**BL3-20**	1¼"	100

Read safety/installation instruction sheets in packages before use.







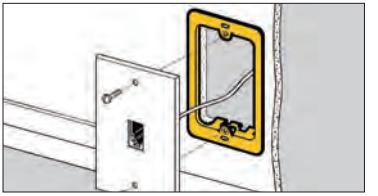




For NEC, TIA, EIA requirements go to
https://catalog.nfpa.org/NEC-Online-C3776.aspx

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

Communication & Low Voltage



- 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

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BB10



BB10-2



BB10-3



BB10-4



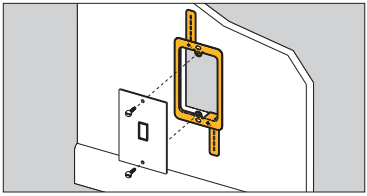
BB20

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

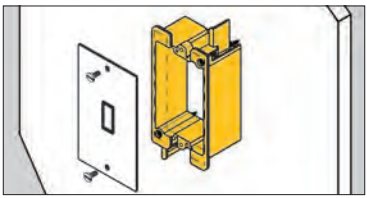


BB10L



BB20L

UPC/Part Number	Catalog Number	Description	Box Qty.
78101190895	**BB10L**	Single Gang Bracket	50
78101190896	**BB20L**	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".

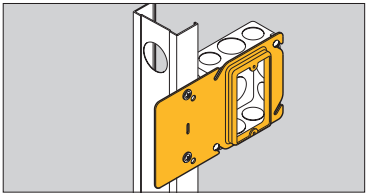
Plastic Cover Plate Mounting Bracket



UPC/Part Number	Catalog Number	Description	Box Qty.
78205139235	**BB10P**	Single Gang Bracket	50

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

Communication & Low Voltage



Uni-Mount Box Support/Cover Plate Mounting Brackets

- 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.



Single Gang

UPC/Part Number	Catalog Number	Description	Box Qty.
78205122768	**BB40-08**	½" Raise	50
78205122771	**BB40-10**	⅝" Raise	50
78205122772	**BB40-12**	¾" Raise	50

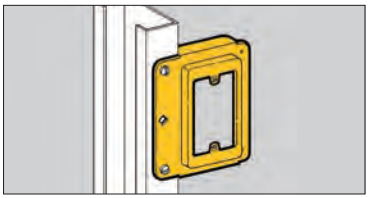


Double Gang

UPC/Part Number	Catalog Number	Description	Box Qty.
78205122773	**BB45-08**	½" Raise	50
78205122774	**BB45-10**	⅝" Raise	50
78205122775	**BB45-12**	¾" 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.

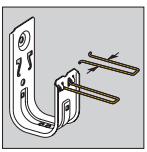


- Locates communication outlets before drywall is installed.
- Replaces electrical box in Class 2 low voltage installations.
- For ½" and ⅝" drywall applications.
- Finish: Pre-Galvanized.

Cover Plate Mounting Bracket



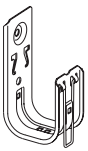
UPC/Part Number	Catalog Number	Description	Box Qty.
78101119873	**BB15**	Single Gang Stud Bracket	25



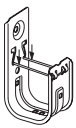


- Cable retainer clips are included with all cable hook purchases.
- Provides secure containment of cables and offers quick open/close feature to add or remove cables.
- Finish: Pre-Galvanized.

Replacement Cable Retainer Clips



Retainer in open position

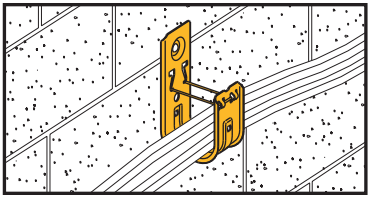


Push retainer down to lock

UPC/Part Number	Catalog Number	Cable Retainer For Hook Size	Box Qty.
78101104847	**BCHR21**	½" Raise	50
78101104848	**BCHR32**	⅝" Raise	50
78101104849	**BCHR64**	¾" Raise	50

Patent #5961081

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



Cable Hooks

- 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.

c UL us



BCH12

Open



Closed



BCH21



BCH32



BCH64

UPC/Part Number	Catalog Number	Hook Size	Capacity Up To	Box Qty.
78205128060	**BCH12**	¾"	16 4-Pair UTP Cat 5e or 2-Strand Fiber Optic Cable or 10 CAT6	50
78101104713	**BCH21**	1 5/16"	50 4-Pair UTP Cat 5e or 2-Strand Fiber Optic Cable or 32 CAT6 or 18 CAT6A	50
78101104717	**BCH32**	2"	80 4-Pair UTP Cat 5e or 2-Strand Fiber Optic Cable or 50 CAT6 or 25 CAT6A	50
78101104721	**BCH64**	4"	300 4-Pair UTP Cat 5e or 2-Strand Fiber Optic Cable 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

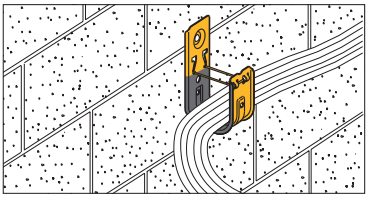


J-Hook Color ID Clip

- Color-coded clips allow for content designation without inventorying various colored hardware.
- Easy to designate pathways to prevent crossover.
- Order separtately and field install.
- Can be snapped on J-Hook after it has been installed.
- Manufactured from Underwriters Laborarories (UL) Listed material for plenum spaces.
- Suitable for ¾", 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.



X-Hook Low Friction Cable Hooks

- Xylan®† 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®†.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.



BCH64X

New Xylan®† coating reduces cable friction. Ideal for pulling cable.



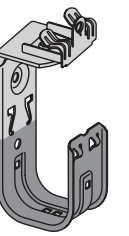
Cable rollers are too expensive and require installation and removal.

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

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

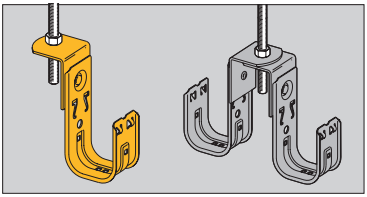
Example: BCH32X-U-2-4

(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.

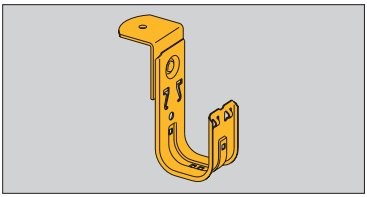


Cable To ATR Fasteners



- .505" diameter hole designed to support cable from ⅜" or ½" 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	**BCH21-AB**	1 5/16"	.505" Diameter	50
78101104729	**BCH32-AB**	2"	.505" Diameter	50
78101104732	**BCH64-AB**	4"	.505" Diameter	25



Angle Bracket Cable Fasteners

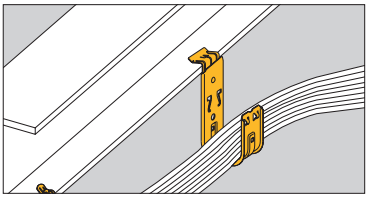


- Designed for direct attachment to structures.
- Supports cable from ¼" threaded rod.
- .265" diameter hole accepts anchors, screws or common nails.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

UPC/Part Number	Catalog Number	Hook Size	Hole Size	Box Qty.
78205128089	**BCH12-RB**	¾"	.265" Diameter	50
78101104735	**BCH21-RB**	1 5/16"	.265" Diameter	50
78101104738	**BCH32-RB**	2"	.265" Diameter	50
78101104742	**BCH64-RB**	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.

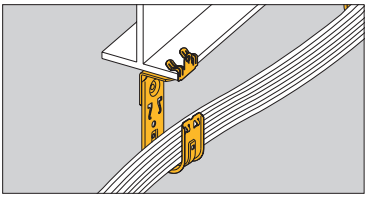
Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128067	**BCH12-E-2-4**	¾"	⅛" to ¼"	50
78205128072	**BCH12-E-5-8**	¾"	5⁄16" to ½"	50
78205128073	**BCH12-E-9-12**	¾"	9⁄16" to ¾"	50
78101104803	**BCH21-E-2-4**	1 5⁄16"	⅛" to ¼"	50
78101104805	**BCH21-E-5-8**	1 5⁄16"	5⁄16" to ½"	50
78101104807	**BCH21-E-9-12**	1 5⁄16"	9⁄16" to ¾"	50
78101104825	**BCH32-E-2-4**	2"	⅛" to ¼"	50
78101104827	**BCH32-E-5-8**	2"	5⁄16" to ½"	50
78101104829	**BCH32-E-9-12**	2"	9⁄16" to ¾"	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

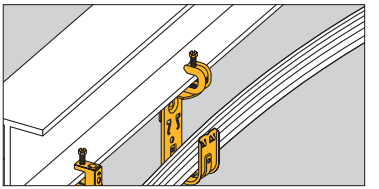


Allows 360° Rotation

UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128062	**BCH12-U-2-4**	¾"	⅛" to ¼"	50
78205128064	**BCH12-U-5-8**	¾"	5⁄16" to ½"	50
78205128066	**BCH12-U-9-12**	¾"	9⁄16" to ¾"	50
78101104809	**BCH21-U-2-4**	1 5⁄16"	⅛" to ¼"	50
78101104811	**BCH21-U-5-8**	1 5⁄16"	5⁄16" to ½"	50
78101104813	**BCH21-U-9-12**	1 5⁄16"	9⁄16" to ¾"	50
78101104831	**BCH32-U-2-4**	2"	⅛" to ¼"	50
78101104833	**BCH32-U-5-8**	2"	5⁄16" to ½"	50
78101104835	**BCH32-U-9-12**	2"	9⁄16" to ¾"	50
78101104864	**BCH64-U-2-4**	4"	⅛" to ¼"	25
78101104865	**BCH64-U-5-8**	4"	5⁄16" to ½"	25
78101104866	**BCH64-U-9-12**	4"	9⁄16" to ¾"	25

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

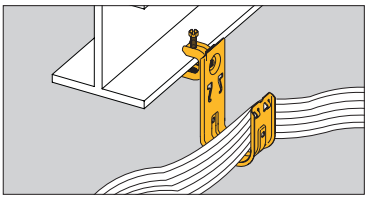


- 360° rotation allows cable to run in any direction.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128077	**BCH12-C442**	¾"	⅛" to ⅝"	50
78101104823	**BCH21-C442**	1 5/16"	⅛" to ⅝"	50
78101104845	**BCH32-C442**	2"	⅛" to ⅝"	50
78101104868	**BCH64-C442**	4"	⅛" to ⅝"	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.

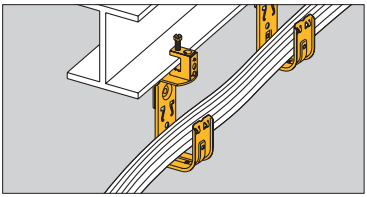
Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205141850	**BCH12-C442A**	¾"	⅛" to ⅝"	50
78205141851	**BCH21-C442A**	1 5/16"	⅛" to ⅝"	50
78205141852	**BCH32-C442A**	2"	⅛" to ⅝"	50
78205141853	**BCH64-C442A**	4"	⅛" to ⅝"	25

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

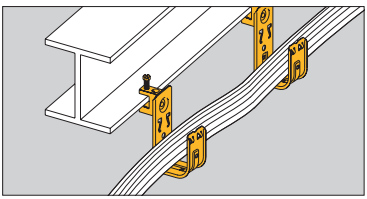


- 360° rotation allows cable to run in any direction.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128074	**BCH12-C2**	¾"	thru ½"	50
78101104821	**BCH21-C2**	1 5/16"	thru ½"	50
78101104843	**BCH32-C2**	2"	thru ½"	50
78101104867	**BCH64-C2**	4"	thru ½"	25



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

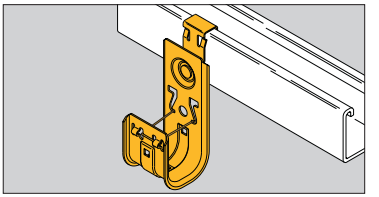
Cable To Beam Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205141303	**BCH12-C1**	¾"	thru ½"	50
78101195578	**BCH21-C1**	1 5/16"	thru ½"	50
78101195560	**BCH32-C1**	2"	thru ½"	50
78205141304	**BCH64-C1**	4"	thru ½"	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.

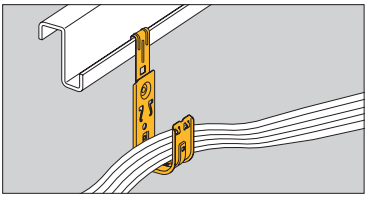
Cable Hook To Strut Attachment



UPC/Part Number	Catalog Number	Cable Hook Size	Box Qty.
78205146574	**BCH12-SC4**	¾"	50
78205146575	**BCH21-SC4**	1 5/16"	50
78205146576	**BCH32-SC4**	2"	50
78205146583	**BCH64-SC4**	4"	50

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

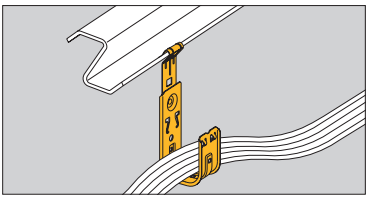


- Supports cable from vertical flanges.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

Cable To Flange Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128078	**BCH12-F3**	¾"	1/16" to ¼"	50
78101104815	**BCH21-F3**	1 5/16"	1/16" to ¼"	50
78101104837	**BCH32-F3**	2"	1/16" to ¼"	50
78101104869	**BCH64-F3**	4"	1/16" to ¼"	25



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

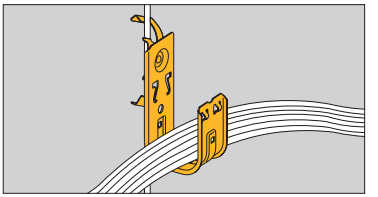
Cable To Flange Fasteners



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128079	**BCH12-F4**	¾"	1/16" to ¼"	50
78101104817	**BCH21-F4**	1 5/16"	1/16" to ¼"	50
78101104839	**BCH32-F4**	2"	1/16" to ¼"	50
78101104870	**BCH64-F4**	4"	1/16" to ¼"	25

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.



Cable To Wire and Rod Fasteners

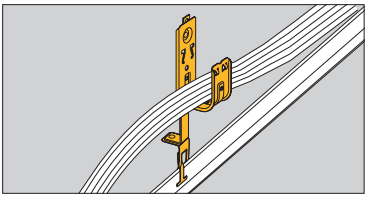
- Supports cable from #12 wire thru 3/8" threaded rod.
- Cable retainer clips are included with hooks.
- W2 series attaches to #12 wire thru 1/4" plain or threaded rod.
- W6 series attaches to 3/8" plain or threaded rod.
- Static Load Capacity: 25 Lbs.
- Finish: Pre-Galvanized.



UPC/Part Number	Catalog Number	Description	Box Qty.
78205146573	**BCH12-W2**	3/4"	50
78101104819	**BCH21-W2**	1 5/16"	50
78101104841	**BCH32-W2**	2"	50
78205128082	**BCH12-W6**	3/4"	50
78101195567	**BCH21-W6**	1 5/16"	50
78101195569	**BCH32-W6**	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.

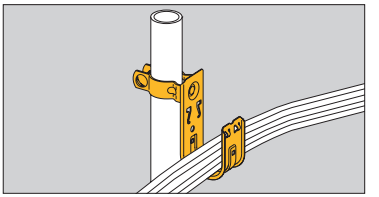


UPC/Part Number	Catalog Number	Description	Box Qty.
78205128083	**BCH12-A28**	¾"	50
78101104857	**BCH21-A28**	1 5/16"	50
78101104858	**BCH32-A28**	2"	50

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.

Communication & low voltage

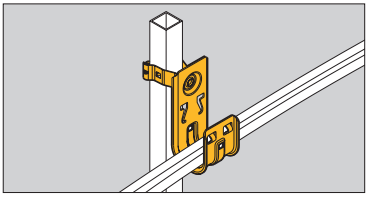


Cable To Floor Support Fasteners



- 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	**BCH12-L1410**	¾"	1" O.D.	50
78101104851	**BCH21-L1410**	1 5/16"	1" O.D.	50
78101104855	**BCH32-L1410**	2"	1" O.D.	50
78101104871	**BCH64-L1410**	4"	1" O.D.	25



Cable To Floor Support Fasteners

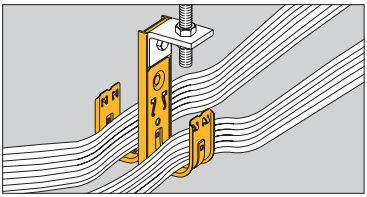


- Supports cable from computer floor post.
- Organizes cable off the floor for a neat installation.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 Lbs.
- Finish: Pre-Galvanized.

UPC/Part Number	Catalog Number	Hook Size	Floor Post Size	Box Qty.
78205128086	**BCH12-G-8-12**	¾"	1" Square	50
78101172487	**BCH21-G-8-12**	1 5/16"	1" Square	50
78101172489	**BCH32-G-8-12**	2"	1" Square	50
78101172491	**BCH64-G-8-12**	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

- 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.



1D



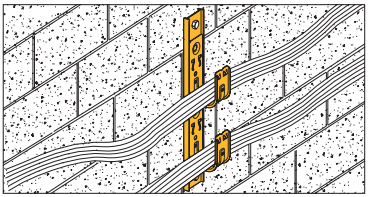
2D

UPC/Part Number	Catalog Number	Hook Size	Description	Box Qty.
78101104758	**BCH21-1D**	1 5/16"	1 Tier, 2-Sided, 5 1/2" High	20
78101104762	**BCH32-1D**	2"	1 Tier, 2-Sided, 6 3/16" High	25
78101104874	**BCH64-1D**	4"	1 Tier, 2-Sided, 9" High	10
78101104766	**BCH21-2D**	1 5/16"	2 Tier, 2-Sided, 9 1/4" High	10
78101104770	**BCH32-2D**	2"	2 Tier, 2-Sided, 11" High	10
78101104875	**BCH64-2D**	4"	2 Tier, 2-Sided, 18 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)



2S 3S

UPC/Part Number	Catalog Number	Hook Size	Description	Box Qty.
78101104773	**BCH21-2S**	1 5/16"	2 Tier, 1-Sided, 11" Overall Height	20
78101104776	**BCH32-2S**	2"	2 Tier, 1-Sided, 12 3/4" Overall Height	25
78101195300	**BCH64-2S**	4"	2 Tier, 1-Sided, 19 5/16" Overall Height	10
78101104779	**BCH21-3S**	1 5/16"	3 Tier, 1-Sided, 14 3/4" Overall Height	10
78101104782	**BCH32-3S**	2"	3 Tier, 1-Sided, 17 1/2" Overall Height	10
78101195303	**BCH64-3S**	4"	3 Tier, 1-Sided, 28 1/16" 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	**BCH21-4S**	1⁵⁄₁₆"	4 Tier, 1-Sided, 18½" Overall Height	10
78101104788	**BCH32-4S**	2"	4 Tier, 1-Sided, 21¾" Overall Height	10
78101197872	**BCH64-4S**	4"	4 Tier, 1-Sided, 36¹³⁄₁₆" Overall Height	10
78101104791	**BCH21-5S**	1⁵⁄₁₆"	5 Tier, 1-Sided, 21¾" Overall Height	10
78101104794	**BCH32-5S**	2"	5 Tier, 1-Sided, 27" Overall Height	10
78101104797	**BCH21-6S**	1⁵⁄₁₆"	6 Tier, 1-Sided, 26" Overall Height	10
78101104800	**BCH32-6S**	2"	6 Tier, 1-Sided, 31¾" Overall Height	10

Patent #5961081

(See pages 223-230 for reference data.)

Read safety/installation instruction sheets in packages before use.



Shown with BRC5 Brackets



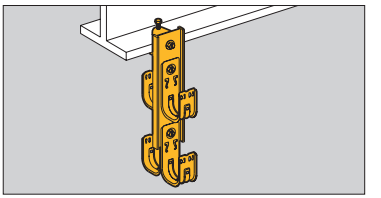
Shown with Cable Hooks

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 3⁄16", 1⁄4", 5⁄16" or 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	**BCH-HBA**	Multi-Tier Support Bar	40



Multi-Tier Cable Hook Kits

- Support bars furnished in 6063-T6 aluminum.



BCH-HB Support Bars

UPC/Part Number	Catalog Number	Description	Box Qty.
78101199572	**BCH-HB21**	Support Bar for BCH21 and BCH32 8¼" long with .281Ø holes	20
78101199574	**BCH-HB64**	Support Bar for BCH64 13⁵⁄16" 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 ¼"-20 x ½" hex head cap screw



BCHK1

- BCHK2 includes: Angle bracket (.320"Ø and .390"Ø holes) and ¼"-20 x ½" hex head cap screw and hex nut



BCHK2

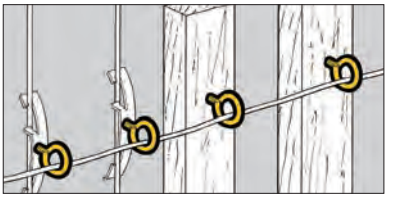
- BCHK3 includes: 1 each BCHK1 Kit and BCHK2 Kit



BCHK3

UPC/Part Number	Catalog Number	Kit Description	Flange Thickness	Box Qty.
78101104872	**BCHK1**	Beam Clamp	Thru ½"	10
78101104860	**BCHK2**	Angle Bracket	–	10
78101104873	**BCHK3**	Beam Clamp with Angle Bracket (swivels 360°)	Thru ½"	10

Read safety/installation instruction sheets in packages before use.



- 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



c UL us

UPC/Part Number	Catalog Number	Ring Size	Thread Size x Thread Length	Box Qty.
78101119550	**BR-8-T**	½"	#10-24 x 9/16"	100
78101119555	**BR-12-T**	¾"	#10-24 x 9/16"	100
78101119560	**BR-20-T**	1¼"	#10-24 x 9/16"	100
78101119570	**BR-32-T**	2"	#10-24 x 9/16"	100
78101119565	**BR-20-4T**	1¼"	¼"-20 x 9/16"	100
78101119575	**BR-32-4T**	2"	¼"-20 x 9/16"	100
78101119889	**BR-64-4T**	4"	¼"-20 x 9/16"	50

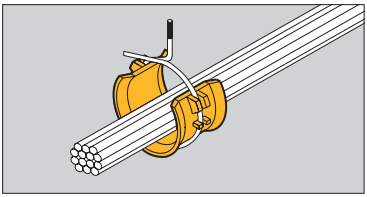


c UL us

Lag Screw for Wood Beams

UPC/Part Number	Catalog Number	Ring Size	Thread Size x Thread Length	Box Qty.
78101119875	**BR-16-3W**	1"	#10 x 9/16"	100
78101119886	**BR-24-4W**	1½"	¼" x 27/32"	100
78101119876	**BR-32-4W**	2"	¼" x ⅞"	100

Read safety/installation instruction sheets in packages before use.



- The convenience of a bridle 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



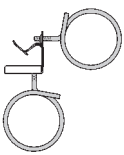
BRS-64A

BRS-32A

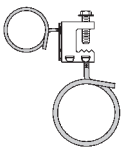
BRS-32

UPC/Part Number	Catalog Number	Thread Size x Thread Length/ Description	Box Qty.
78205122761	**BRS-32A**	¼"-20 x ⅞" 2" Ring Assembly	50
78205122762	**BRS-64A**	¼"-20 x 1" 4" Ring Assembly	25
78205122759	**BRS-32**	2" Saddle Only	50

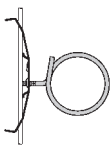
Also available for use with the following B-Line series Fasteners.



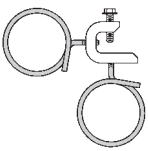
BU-9-12



BC1



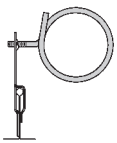
BW2



BC442



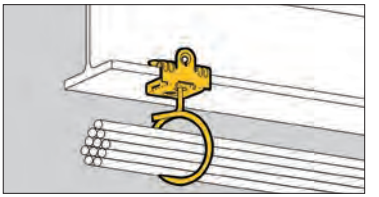
BH4-F3



BA5-4T

Read safety/installation instruction sheets in packages before use.

Communication & low voltage

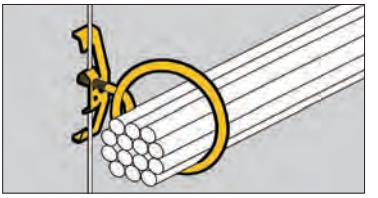


- Supports low voltage communication cables from beam flanges ⅛" to ¾" thick.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.

Bridle Ring/ Beam Fastener Assy.



UPC/Part Number	Catalog Number	Description	Box Qty.
78101102921	**BR-32-4T-U-2-4**	⅛" to ¼"	50
78101102923	**BR-32-4T-U-5-8**	5/16" to ½"	50
78101102924	**BR-32-4T-U-9-12**	9/16" to ¾"	50



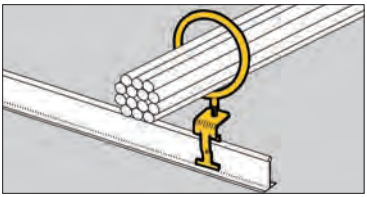
- Supports low voltage communication cables from drop wire.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.

Bridle Ring/Rod & Wire Fastener Assy.



UPC/Part Number	Catalog Number	Description	Box Qty.
78101102929	**BR-32-4T-W2**	#12 Wire Thru ¼" Plain or Threaded Rod	50

Read safety/installation instruction sheets in packages before use.

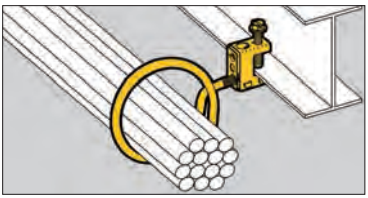


- Supports low voltage communication cables above the T-Bar.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- For positioning only - No Load Rating.

Bridle Ring/T-Bar Fastener Assembly



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



- Supports low voltage communication cables from beam flanges thru ½" thick.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.

Bridle Ring/Beam Fastener Assembly



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

Read safety/installation instruction sheets in packages before use.

Communication & low voltage



COM Dangle† cable support system

- 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

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



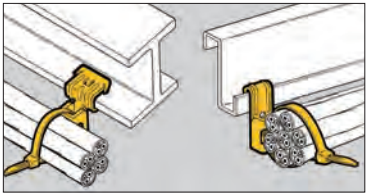
COM Dangle System Load Table – Number of Cables Allowed

UPC/Part Number	Catalog Number*	Dia.	Cat5e	Cat6	Cat6a
79903867513	**BLCD8**	2.5"	110	75	50
79903867514	**BLCD8RD**	2.5"	110	75	50
79903867515	**BLCD8BL**	2.5"	110	75	50
79903867516	**BLCD12**	4"	220	150	115
79903867517	**BLCD12RD**	4"	220	150	115
79903867518	**BLCD12BL**	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 9/32" wide from flanges 1/16" to 3/4" thick.
- 8" cable tie included.
- Simply installed with a hammer.

Cable Fasteners

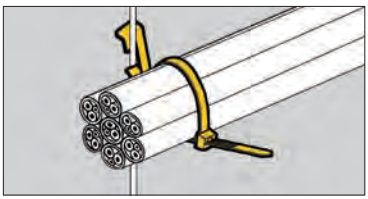


BE Series



BF Series

UPC/Part Number	Catalog Number	Description	Box Qty.
78101119970	**BE-2-4-CT2**	1/8" to 1/4"	100
78101119971	**BE-5-8-CT2**	5/16" to 1/2"	100
78101119972	**BE-9-12-CT2**	9/16" to 3/4"	100
78101119968	**BF1-CT2**	1/16" to 5/32"	100
78101119969	**BF2-CT2**	5/32" to 1/4"	100



- Supports cable ties up to 9/32" wide from drop wires.
- 8" cable tie included.



Cable Fasteners

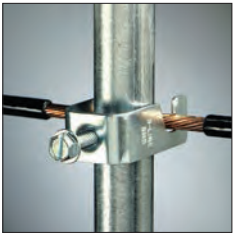
UPC/Part Number	Catalog Number	Description	Box Qty.
78101102866	**BW2-CT2**	#12 wire thru 1/4" plain or threaded rod	100
78101195603	**BW6-CT2**	3/8" plain or threaded rod	100

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

Accessories



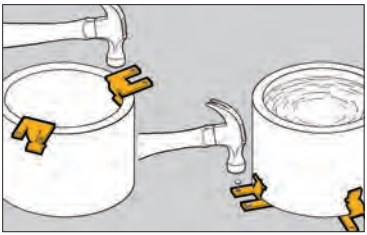








Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.



- 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	**BD40**	All Dia.	5/16" & Under	100
78101118285	**BD40**	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

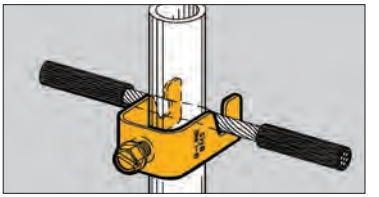


BN1 "U" Nuts With Thread Impression

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

Read safety/installation instruction sheets in packages before use.

Accessories

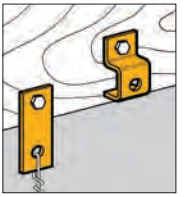


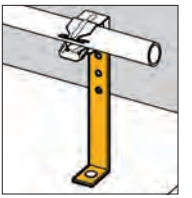
- Attaches signal reference grid wire to computer floor posts.
- Fits #8 thru #4 stranded wire. (.146" O.D. thru .232" O.D.).
- Fits ¾" to 1" round or square posts.

Reference Wire Fasteners



UPC/Part Number	Catalog Number	Description	Box Qty.
78101101659	**BM5**	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



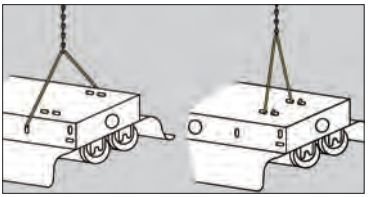
BD4



BA28B

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101686	**BD2**	Flat Bracket	100
78101118280	**BD4**	Offset Bracket	100
78101101449	**BA28B**	Angle Bracket	50

Read safety/installation instruction sheets in packages before use.



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

Light Fixture Hangers

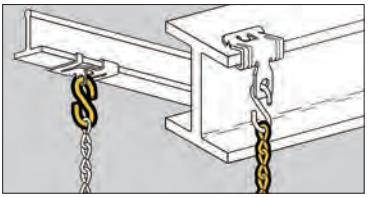


BH15



BH16

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101236	**BH15**	Side Mount Fluorescent Light Fixture Hanger	100
78101101237	**BH16**	Top Mount Fluorescent Light Fixture Hanger	100



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

Jack Chain & "S" Hooks



BH10



BH9
BH9-10

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

Read safety/installation instruction sheets in packages before use.



KwikWire Clamps

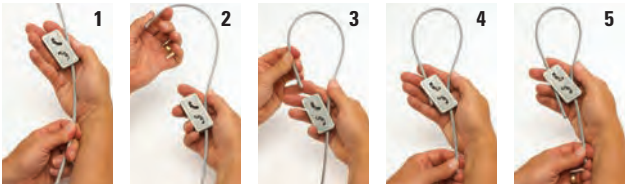
- KwikWire™ system replaces jack chain or ATR to support lighting, ductwork, cable tray, etc.
- Can be quickly installed around beams - No drilling required.
- Ideal for sloped ceilings - can hang objects at up to 60° angles.
- Simple height adjustments are made by releasing locking tab, no tools required.
- 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	**BKC100**	1/16" & 3/32"	100
78205140723	**BKC200**	1/8" & 3/16"	50

KwikWire Clamp Working Loads*

Clamp Part No.	Wire Rope Dia.	Lbs. Safety Factor 5
BKC100	1/16" 3/32"	0-75 25-150
BKC200	3/32" 1/8" 3/16"	25-150 25-250 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	**BKW063** (1)	1/16"	96	500 ft.
78205140727	**BKW094** (1)	3/32"	184	500 ft.
78205140733	**BKW125** (1)	1/8"	340	500 ft.
78205140734	**BKW188** (2)	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	**BKP10063**	BKC100 (100 pcs.) 1/16"Ø Wire Rope (500 ft.)	1
78205140751	**BKP10094**	BKC100 (100 pcs.) 3/32"Ø Wire Rope (500 ft.)	1
78205140761	**BKP20125**	BKC200 (50 pcs.) 1/8"Ø Wire Rope (500 ft.)	1
78205140763	**BKP20188**	BKC200 (50 pcs.) 3/16"Ø Wire Rope (250 ft.)	1

Read safety/installation instruction sheets in packages before use.

Accessories





- 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 spools.

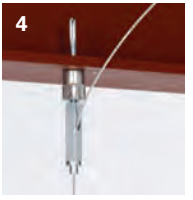
KwikWire Hanger

UPC/Part Number	Catalog Number	Thread Size	Wire Rope Diameter	Load SF5	Box Qty.
78205158764	**BKF100-4**	¼"-20	1/16" 3/32"	45 lbs. 90 lbs.	100
78205158765	**BKF100-6**	⅜"-16	1/16" 3/32"	45 lbs. 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



BKYH Series

Single & "Y" Style Hook Termination

- Hook designed to accept up to ⅜" 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



BKT Series



BKYT 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



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



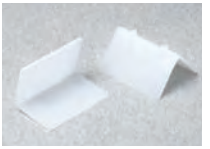
BKA Series

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	**BKCP**	Air Duct Corner Protector	100
78101156059	**B601-62**	Air Duct Support	50
78205140297	**BKCC** *	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 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	**SHHMS ¼ x ½**	¼"-20 x ½" Slotted Hex Head Machine Screw	100



UPC/Part Number	Catalog Number	Description	Box Qty.
78101142103	**MSQN¼**	¼"-20 Machine Square Nut	100



UPC/Part Number	Catalog Number	Description	Box Qty.
78101110675	**BWHS-9**	Sheet Metal Screw #8 x 9⁄16"	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	**BWHS-9D**	#8 x ½" Self-Drilling 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











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 - ⅞"	F - Flat
ACS - Concrete Screw	10 - #10	100 - 1"	FL - Flanged
ADA - Drive Anchor	12 - ⅛"	118 - 1 3⁄18"	H - Hex
ADE - Double Expansion Anchor	18 - 3⁄16"	125 - 1¼"	HN - Hex Nut
ADH - Hollow-Base Drop-IN	25 - ¼"	150 - 1½"	HS - Hole Saw
ADI - Drop-In	31 - 5⁄16"	175 - 1¾"	K - Kit
ADM - Mini Drop-In	37 - ⅜"	187 - 1⅞"	M - Mushroom
ADN - Drive Nail	50 - ½"	200 - 2"	OH - Oval Head
AMS - Machine Screw	62 - ⅝"	225 - 2¼"	PH - Pan Head
APC - Conical Anchor	75 - ¾"	250 - 2½"	RH - Rod Hanger
APD - Plastic Driller	87 - ⅞"	275 - 2¾"	RS - Slotted Round Head
APDM - Plastic Driller - Mini		300 - 3"	
APH - Plastic Hollow Wall Anchor		325 - 3¼"	SS4 - 304 Stainless Steel
APS - Plastic Screw Anchor		350 - 3½"	
ARC - Rapid Rod® Concrete		375 - 3¾"	T - Tool
ARS - Rapid Rod® Steel		400 - 4"	WH - Wire Hanger
ARW - Rapid Rod® Wood		425 - 4¼"	
ASA - Sleeve Anchor		450 - 4½"	SW - Side Mount
ASE - Single Expansion Anchor		500 - 5"	
ATB - Toggle Bolt		525 - 5¼"	
ATM - Self-Tapping Screw Anchor		550 - 5½"	
		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

- ARW: Rapid Rod® Wood
- 25-100: ¼" x 1" Hanger
- SW: Side Mount

† 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 Pipe Size	UL Pipe Thick.	FM Pipe Size	FM 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.
Steel Rapid Rod-2 Hanger - Point Style #3 For Purlins				
79903875920	**ARS-25-100-2**	¼"	¼" x 1"	25
79903875928	**ARS-37-200-2**	⅜"	¼" x 2"	25
79903875923	**ARS-37-100HN-2****	⅜"	¼" x 1" w/nuts	25
79903875925	**ARS-37-150-2**	⅜"	¼" x 1½"	25
79903875927	**ARS-37-150HN-2****	⅜"	¼" x 1½" w/nuts	25
Steel Rod Hanger - Side Mount - Point Style #3 For Purlins				
79903875921	**ARS-25-100SW-2**	¼"	¼" x 1" w/nuts	25
79903875924	**ARS-37-100SW-2**	⅜"	¼" x 1" w/nuts	25
Steel Rod Hanger - Point Style #5 For Purlins				
79903875926	**ARS-37-150HDHN-2****	⅜"	#12-24 x 1½" 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.
Tool			
79903877711	**7187S-2**	Steel Socket ½"	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"**	**⅜"**
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 ⅜" 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	**ARC-25-125-2**	¼"	¼" x 1⅝"	25
79903875918	**ARC-37-150-2**	⅜"	¼" x 1⅝"	25
79903875919	**ARC-37-275-2**	⅜"	¼" x 2½"	25
For side mount concrete applications use ARW-25-100SW or ARW-37-200SW with 3⁄16" drill bit.				
Wood Rod Hanger - Point Style Type 17				
79903875930	**ARW-25-200-2**	¼"	¼" x 2"	25
79903875931	**ARW-37-100-2**	⅜"	¼" x 1"	25
79903875933	**ARW-37-200-2**	⅜"	¼" x 2"	25
79903875935	**ARW-37-250-2**	⅜"	5⁄16" x 2½"	25
79903875936	**ARW-50-250-2**	½"	5⁄16" x 2½"	25
Wood Rod Hanger - Side Mount - Point Style Type 17				
79903875929	**ARW-25-100SW-2**	¼"	¼" x 1"	25
79903875934	**ARW-37-200SW-2**	⅜"	¼" x 2"	25
79903875932	**ARW-37-100SW-2**	⅜"	¼" x 1"	25

UPC/Part Number	Catalog Number	Tool Description	Box Qty.
Tools			
79903875900	**7187-2**	Wood Socket	1
79903875901	**7195-2**	¼" Concrete Socket	1
79903875902	**7197-2**	⅜" Concrete Socket	1
78205153360	**5874**	Concrete Tapper Sleeve Assy.	1
78205153361	**5866**	¼" X 6" Hex Shank SDS Drill Bit	1

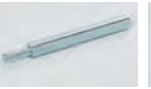
Read safety/installation instruction sheets in packages before use.

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.

‡ Not ICC-ES certified


Smooth Wall


Setting Tool


Flanged

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	1 9/16	2	2½	3 3/16
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	**ADI-25**	¼"	1"	7/16"	100
78101103219	**ADI-37**	⅜"	1 9/16"	⅝"	50
78101103220	**ADI-50**	½"	2"	13/16"	50
78101103221	**ADI-62**	⅝"	2½"	1 13/16"	25
78101103222	**ADI-75**	¾"	3 3/16"	1⅜"	10
Drop-In Anchor - Smooth Wall - Stainless Steel					
78101103223	**ADI-25SS4**	¼"	1"	7/16"	100
78101103224	**ADI-37SS4**	⅜"	1 9/16"	⅝"	50
78101103226	**ADI-50SS4**	½"	2"	13/16"	50
78101103227	**ADI-62SS4**	⅝"	2½"	1 13/16"	25
78101103228	**ADI-75SS4**	¾"	3 3/16"	1⅜"	10
Drop-In Hanger - Flanged - Steel					
78205153297	**ADI-25FL**	¼"	1"	7/16"	100
78205153298	**ADI-37FL**	⅜"	1 9/16"	⅝"	50
78205153299	**ADI-50FL**	½"	2"	13/16"	50

UPC/Part Number	Catalog Number	Rod Size	Pin Length	Box Qty.
Setting Tools				
78101103229	**6305**	¼"	39/64"	1
78101103231	**6307**	⅜"	61/64"	1
78101103232	**6309**	½"	1 3/16"	1
78101103233	**6311**	⅝"	1 5/15"	1
78101103234	**6313**	¾"	1 61/64"	1

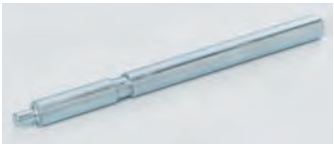
Read safety/installation instruction sheets in packages before use.

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.
Mini Drop-In Anchor - Steel				
78205153300	**ADM-25**	¼"	⅜"	100
78205153302	**ADM-37**	⅜"	13⁄32"	50
78205153302	**ADM-50**	½"	⅝"	50
Setting Tools				
78205153301	**6336**	¼"	–	1
78205153303	**6323**	⅜"	–	1
78205153305	**6338**	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	¼"	⅜"	½"
ANSI Drill Bit Size (in.)	⅜	⅝	¾
Max. Tightening Torque (ft-lbs)	5	10	20
Thread Size (UNC)	¼"-20	⅜"-16	½"-13
Thread Length In Cone (in.)	⅜	⅝	¾
Min. Embedment Depth (in.)	¾	1	1½
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.
Hollow Base Drop-In					
78205153291	**ADH-25**	¼"	⅞"	⅝"	100
78205153293	**ADH-37**	⅜"	1 5⁄16"	15⁄16"	50
78205153294	**ADH-50**	½"	1¾"	1¼"	50
Setting Tools					
78205153292	**9323**	¼"	–	–	1
78205153294	**9343**	⅜"	–	–	1
78205153296	**9353**	½"	–	–	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.
Screw Type Anchor - Steel			
79903875903	**ACB-25-175-2**	¼" x 1¾"	25
79903875904	**ACB-25-225-2**	¼" x 2¼"	25
79903875905	**ACB-25-300-2**	¼" x 3"	25
79903875906	**ACB-37-175-2**	⅜" x 1¾"	25
79903875907	**ACB-37-250-2**	⅜" x 2½"	25
79903875908	**ACB-37-300-2**	⅜" x 3"	25
79903875909	**ACB-37-400-2**	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
1¾"	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.
Hex Head Concrete Screws			
78101103342	**ACS-18-125H***	3/16" x 1 1/4"	100
78101103343	**ACS-18-175H***	3/16" x 1 3/4"	100
78101103344	**ACS-18-225H**	3/16" x 2 1/4"	100
78101103346	**ACS-18-275H**	3/16" x 2 3/4"	100
78101103347	**ACS-18-325H**	3/16" x 3 1/4"	100
78101103348	**ACS-18-375H**	3/16" x 3 3/4"	100
78101103349	**ACS-18-400H**	3/16" x 4"	100
78101103342	**ACS-25-125H***	1/4" x 1 1/4"	100
78101103343	**ACS-25-175H***	1/4" x 1 3/4"	100
78101103344	**ACS-25-225H**	1/4" x 2 1/4"	100
78101103346	**ACS-25-275H**	1/4" x 2 3/4"	100
78101103347	**ACS-25-325H**	1/4" x 3 1/4"	100
78101103348	**ACS-25-375H**	1/4" x 3 3/4"	100
78101103349	**ACS-25-400H**	1/4" x 4"	100
Flat Head Concrete Screws			
78205153259	**ACS-18-125F***	3/16" x 1 1/4"	100
78205153260	**ACS-18-175F***	3/16" x 1 3/4"	100
78205153261	**ACS-18-225F**	3/16" x 2 1/4"	100
78205153262	**ACS-18-275F**	3/16" x 2 3/4"	100
78205153263	**ACS-25-125F***	1/4" x 1 1/4"	100
78205153264	**ACS-25-175F***	1/4" x 1 3/4"	100
78205153265	**ACS-25-225F**	1/4" x 2 1/4"	100
78205153266	**ACS-25-275F**	1/4" x 2 3/4"	100

* Not ICC-ES listed

UPC/Part Number	Catalog Number	Bit Size	Usable Length	Box Qty.
Straight Shank Drill Bits				
78205153267	**2782SD**	5/32" x 4 1/2"	3"	1
78205153269	**2786SD**	3/16" x 4 1/2"	3"	1
SDS Hex Drill Bits				
78205153268	**2793**	5/32" x 5"	3"	1
78205153270	**2796**	3/16" x 5"	3"	1

UPC/Part Number	Catalog Number	Dsecription	Box Qty.
Setting Tool			
78101103453	**2791**	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 9/32" diameter, head height 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.
Wire Hanger				
78101103106	**AWA-25-200WH**	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.
Wedge Anchor				
78101103068	**AWA-25-175**	¼" x 1¾"	¾"	100
78101103069	**AWA-25-225**	¼" x 2¼"	1¼"	100
78101103070	**AWA-25-325**	¼" x 3¼"	2¼"	100
78101103071	**AWA-37-225**	⅜" x 2¼"	1¼"	50
78101103072	**AWA-37-275**	⅜" x 2¾"	1⅝"	50
78101103073	**AWA-37-300**	⅜" x 3"	1⅞"	50
78205153364	**AWA-37-350**	⅜" x 3½"	2⅜"	50
78101103074	**AWA-37-375**	⅜" x 3¾"	2⅝"	50
78101103075	**AWA-37-500**	⅜" x 5"	3⅞"	50
78205153366	**AWA-50-275**	½" x 2¾"	1⅜"	50
78101103077	**AWA-50-375**	½" x 3¾"	2⅜"	50
78205145636	**AWA-50-450**	½" x 4½"	3⅛"	50
78101103079	**AWA-50-550**	½" x 5½"	4⅛"	50
78101103080	**AWA-50-700**	½" x 7"	5⅝"	25
78101103081	**AWA-62-350**	⅝" x 3½"	2"	25
78101103082	**AWA-62-450**	⅝" x 4½"	3"	25
78101103083	**AWA-62-500**	⅝" x 5"	3½"	25
78101103084	**AWA-62-600**	⅝" x 6"	4½"	25
78101103085	**AWA-62-700**	⅝" x 7"	5½"	25
Wedge Anchor - Stainless Steel				
78101103146	**AWA-25-175SS4**	¼" x 1¾"	¾"	100
78101103147	**AWA-25-225SS4**	¼" x 2¼"	1¼"	100
78101103148	**AWA-25-325SS4**	¼" x 3¼"	2¼"	100
78101103149	**AWA-37-225SS4**	⅜" x 2¼"	1¼"	50
78101103150	**AWA-37-275SS4**	⅜" x 2¾"	1⅝"	50
7810110151	**AWA-37-300SS4**	⅜" x 3"	1⅞"	50
78205153365	**AWA-37-350SS4**	⅜" x 3½"	2⅜"	50
78101103152	**AWA-37-375SS4**	⅜" x 3¾"	2⅝"	50
78101103153	**AWA-37-500SS4**	⅜" x 5"	3⅞"	50
78101103154	**AWA-50-275SS4**	½" x 2¾"	1⅜"	50
78101103155	**AWA-50-375SS4**	½" x 3¾"	2⅜"	50
78205153367	**AWA-50-450SS4**	½" x 4½"	3⅛"	50
78101103157	**AWA-50-550SS4**	½" x 5½"	4⅛"	50
78205153368	**AWA-50-700SS4**	½" x 7"	5⅝"	25
78205153369	**AWA-62-350SS4**	⅝" x 3½"	2"	25
78205153370	**AWA-62-450SS4**	⅝" x 4½"	3"	25
78205153779	**AWA-62-500SS4**	⅝" x 5"	3½"	25
78205153371	**AWA-62-600SS4**	⅝" x 6"	4½"	25
78205143044	**AWA-62-700SS4**	⅝" x 7"	5½"	25

Read safety/installation instruction sheets in packages before use.

Power Stud+®† 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	11/16	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.
Seismic Wedge Anchor				
78205153398	**AWSD-37-300**	3/8" X 3"	1 3/4"	50
78205153399	**AWSD-37-350**	3/8" X 3 1/2"	2 1/4"	50
78205153400	**AWSD-37-375**	3/8" X 3 3/4"	2 1/2"	50
78205153401	**AWSD-37-500**	3/8" X 5"	3 3/4"	50
78205153402	**AWSD-50-375**	1/2" X 3 3/4"	2 1/8"	50
78205153403	**AWSD-50-450**	1/2" X 4 1/2"	2 7/8"	50
78205153404	**AWSD-50-550**	1/2" X 5 1/2"	3 7/8"	50
78205153405	**AWSD-50-700**	1/2" X 7"	5 3/8"	50
78205153406	**AWSD-62-475**	5/8" X 4 3/4"	2 7/8"	25
78205153407	**AWSD-62-500**	5/8" X 5"	3 1/8"	25
78205153408	**AWSD-62-600**	5/8" X 6"	4 1/8"	25
78205153409	**AWSD-62-700**	5/8" X 7"	5 1/8"	25
78205153410	**AWSD-75-550**	3/4" X 5 1/2"	3 1/4"	20
78205153411	**AWSD-75-625**	3/4" X 6 1/4"	4"	20
78205153425	**AWSD-75-700**	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.
Mushroom Head			
78205153271	**ADA-18-100**	3/16" x 1"	100
78205153272	**ADA-18-125**	3/16" x 1 1/4"	100
78205153273	**ADA-18-150**	3/16" x 1 1/2"	100
78205153274	**ADA-18-200**	3/16" x 2"	100
78205153275	**ADA-18-250**	3/16" x 2 1/2"	100
78205153276	**ADA-18-300**	3/16" x 3"	100
78205153278	**ADA-25-100**	1/4" x 1"	100
78205153279	**ADA-25-125**	1/4" x 1 1/4"	100
78205153280	**ADA-25-150**	1/4" x 1 1/2"	100
78205153281	**ADA-25-200**	1/4" x 2"	100
78205153282	**ADA-25-250**	1/4" x 2 1/2"	100
78205153283	**ADA-25-300**	1/4" x 3"	100

UPC/Part Number	Catalog Number	Head Size	Box Qty.
Rod Hanger			
78205153284	**ADA-25RH**	1/4"	100
78205153286	**ADA-37RH**	3/8"	100
Wire Hanger			
78205153277	**ADA-18WH**	3/16"	100
78205153285	**ADA-25WH**	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	¼"	⅜"	½"	⅝"	¾"
ANSI Drill Bit Size (in.)	¼	⅜	½	⅝	¾
Fixture Clearance Hole (in.)	5⁄16	7⁄16	9⁄16	11⁄16	15⁄16
Plow Bolt Size (UNC)	#10-24	5⁄16"-18	⅜"-16	½"-13	⅝"-11
Min. Embedment Depth (in.)	½	1¼	1½	2	2¼
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
	¼"	⅜"	½"	5⁄16"
ANSI Drill Bit Size (in.)	¼	⅜	½	5⁄16
Fixture Clearance Hole (in.)	NA	NA	NA	¼
Plow Bolt Size (UNC)	#10-24	5⁄16"-18	⅜"-16	¼"-20
Coupling Height (in.)	⅞	1	1¼	NA
Min. Embedment Depth (in.)	½	1¼	1½	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.cooperbline.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.
Hex Nut Style				
78101102995	**ASA-37-187HN**	⅜" x 1⅞"	1⅝"	50
78101102996	**ASA-37-300HN**	⅜" x 3"	1⅝"	50
78205153400	**ASA-37-400HN**	⅜" x 4"	1⅝"	50
78101102997	**ASA-50-225HN**	½" x 2½"	2⅛"	25
78101102998	**ASA-50-300HN**	½" x 3"	2¼"	25
78101102999	**ASA-50-400HN**	½" x 3¾"	2¼"	25
78205153351	**ASA-50-525HN**	½" x 5¼"	2¼"	25
78101103002	**ASA-50-600HN**	½" x 6"	2¼"	10
78101103003	**ASA-62-225HN**	⅝" x 2½"	2⅛"	25
78101103004	**ASA-62-300HN**	⅝" x 3"	2¾"	25
78101103005	**ASA-62-425HN**	⅝" x 4¼"	2¾"	10
78101103006	**ASA-62-600HN**	⅝" x 5¾"	2¾"	10
78101103007	**ASA-75-250HN**	¾" x 2¾"	2⅛"	10
78101103008	**ASA-75-425HN**	¾" x 4¼"	3⅜"	10
78101103009	**ASA-75-625HN**	¾" x 6¼"	3⅜"	10
Hex Nut Style - Stainless Steel				
78205153343	**ASA-37-187HNSS4**	⅜" x 1⅞"	1⅝"	50
78205153345	**ASA-37-300HNSS4**	⅜" x 3"	1⅝"	50
78205153347	**ASA-50-225HNSS4**	½" x 2½"	2⅛"	25
78205153349	**ASA-50-300HNSS4**	½" x 3"	2¼"	25
78205153350	**ASA-50-400HNSS4**	½" x 3¾"	2¼"	25
78205153352	**ASA-62-425HNSS4**	⅝" x 4¼"	2¾"	10
Acorn Nut Style				
78205153341	**ASA-25-62AN**	¼" x ⅝"	½"	100
78101102991	**ASA-25-137AN**	¼" x 1⅜"	1⅛"	100
78101102992	**ASA-25-225AN**	¼" x 2¼"	1⅛"	100
Slotted Round Head Style				
78205153338	**ASA-25-112RS**	¼" x 1⅜"	1"	100
78205153340	**ASA-25-200RS**	¼" x 2¼"	1⅛"	100

UPC/Part Number	Catalog Number	Size	Drill Diameter	Box Qty.
Rod Hanger				
78205153339	**ASA-25-150RH**	¼" x 1½"	5⁄16"	50
78205153344	**ASA-37-187RH**	⅜" x 1⅞"	⅜"	50
78205153348	**ASA-50-225RH**	½" x 2¼"	½"	25
Wire Hanger				
78205153342	**ASA-31-150WH**	5⁄16" x 2⅜"	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	¼"	⅜"	½"	⅝"
ANSI Drill Bit Size (in.)	½	¾	⅞	1
Max. Tightening Torque (ft-lbs)	5	10	20	30
Thread Size (UNC)	¼"-20	⅜"-16	½"-13	⅝"-11
Thread Length In Cone (in.)	½	⅝	¾	⅞
Min. Embedment Depth (in.)	1¼	1¾	2¼	2½
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.
Double Expansion Anchor				
78101103251	**ADE-25**	¼"	1⅜"	50
78101103253	**ADE-37**	⅜"	2"	50
78101103254	**ADE-50**	½"	2½"	25
78101103256	**ADE-62**	⅝"	2¾"	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	¼"	⅜"	½"	⅝"
ANSI Drill Bit Size (in.)	½	¾	⅞	1
Max. Tightening Torque (ft-lbs)	5	10	20	30
Thread Size (UNC)	¼"-20	⅜"-16	½"-13	⅝"-11
Thread Length In Cone (in.)	5⁄16	5⁄16	7⁄16	⅝
Min. Embedment Depth (in.)	1⅜	1⅝	2½	2¾
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.
Single Expansion Anchor				
78101103245	**ASE-25**	¼"	1 5⁄16"	50
78101103247	**ASE-37**	⅜"	1½"	50
78101103248	**ASE-50**	½"	2 1⁄16"	25
78101103249	**ASE-62**	⅝"	2⅝"	25

‡ Not ICC-ES listed

Read safety/installation instruction sheets in packages before use.

Wood-Knocker II† 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	¼"	⅜"	½"	⅝"	¾"
Insert Thread Length (in.)	⅜	⅝	11⁄16	15⁄16	1⅛
Plastic Flange Diameter (in.)	1⅜	1⅜	1⅜	1⅝	1⅝
Thread Size (UNC)	¼"-20	⅜"-16	½"-13	⅝"-11	¾"-10
Overall Length (in.)	1⅞	1⅞	1⅞	1⅞	1⅞
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 1⅞". 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.
Wood-Knocker-II				
79903875912	**ACPW-25-2**	¼"	Brown	100
79903875913	**ACPW-37-2**	⅜"	Green	100
79903875938	**ACPW-3750-2**	⅜"-½"	Gray	100
79903875914	**ACPW-50-2**	½"	Yellow	100
79903875915	**ACPW-62-2**	⅝"	Red	50
79903875916	**ACPW-75-2**	¾"	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†+ Anchors

- Bang-It™+ 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 bing 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.



Bang-It™+ - Data	¼"	⅜"	½"	⅝"	¾"
Metal Hole Saw Diameter (in.)	13⁄16	13⁄16	13⁄16	13⁄16	1 3⁄16
Drilling Speed (rpm)	700-900	700-900	700-900	500-700	500-700
Insert Thread Length (in.)	⅜	⅝	11⁄16	15⁄16	1⅛
Length of Sleeve (in.)	3⅜	3⅜	3⅜	3⅜	3⅜
Thread Size (UNC)	¼"-20	⅜"-16	½"-13	⅝"-11	¾"-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".

UPC/Part Number	Catalog Number	Rod Diameter	Color	Box Qty.
Bang-It™+ Inserts				
78205131154	**ACPD-25**	¼"	Brown	100
78205131156	**ACPD-37**	⅜"	Green	100
79903875937	**ACPD-3750-2**	⅜"-½"	Gray	100
78205131157	**ACPD-50**	½"	Yellow	100
78205131158	**ACPD-62**	⅝"	Red	50
78205131166	**ACPD-75**	¾"	Purple	50
Bang-It™+ Hole Saws				
79903875911	**ACPD-HS813-2**	13⁄16" Carbide Hole Saw for ¼", ⅜", ½", ⅞"		1
79903875910	**ACPD-HS1188-2**	1 3⁄16" Carbide Hole Saw for ⅝", ¾", 1 13⁄16"		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.
Machine Screw Anchor			
78101103239	**AMS-25**	¼"	100
78101103242	**AMS-37**	⅜"	50
78101103243	**AMS-50**	½"	50
Setting Tool			
78205109765	**9221**	¼"	1
78205109767	**9231**	⅜"	1
78205109768	**9241**	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	⅜"
ANSI Drill Bit Size (in.)	½
Min. Concrete Thickness (in.)	4
Max. Tightening Torque (ft-lbs)	8
Min. Embedment Depth (in.)	1⅝
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	**ATM-37**	⅜"	1 1/16"	50
Tool				
78205153363	**6407 SD**	⅜"	–	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.
Drive Nail Anchor			
78101102964	**ADN-18-87**	3/16" x 7/8"	100
78101102965	**ADN-25-75**	1/4" x 3/4"	100
78101102966	**ADN-25-100**	1/4" x 1"	100
78101102967	**ADN-25-125**	1/4" x 1 1/4"	100
78101102968	**ADN-25-150**	1/4" x 1 1/2"	100
78101102969	**ADN-25-200**	1/4" x 2"	100
78205153306	**ADN-25-300**	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	3/16"		1/4"		3/8"	
	Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)
3/8" Wallboard	35	35	55	55	60	65
1/2" Wallboard	45	50	60	60	65	75
5/8" Wallboard	60	60	65	65	75	80
3/4" 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.
Toggle Bolt				
78205153354	**ATB-18-300**	1/2"	3/16" x 3"	50
78205153355	**ATB-18-400**	1/2"	3/16" x 4"	50
78205153356	**ATB-25-300**	5/8"	1/4" x 3"	50
78205153357	**ATB-25-400**	5/8"	1/4" x 4"	50
78205153358	**ATB-37-300**	7/8"	3/8" x 3"	25
78205153359	**ATB-37-400**	7/8"	3/8" 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 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 *	3/4"	90	260
1/2" Wallboard	NA	20	60
5/8" Wallboard	NA	35	90
3/4" Plywood	NA	65	150
Grout-Filled Concrete Masonry	1"	55	165
Hollow Concrete Masonry	1"	60	165
Brick Masonry	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.
Wall Screw				
78205153372	**AWS-CH**	3/16" x 1 1/4"	Combo	100
78205153373	**AWS-OH**	3/16" x 1 1/4"	Oval	100
78205153374	**AWS-PH**	3/16" x 1 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.
Plastic Screw Anchors			
78205153315	**APS-4**	#4 - #10	100
78205153316	**APS-6**	#6 - #12	100
78205153319	**APS-8**	#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"	¼"	3⁄8"	½"
Thread Size (UNC)	3⁄16"-24	¼"-20	3⁄8"-16	½"-13
Max. Tightening Torque (ft-lbs)	5	5	5	5
Minimum Clearance (in.)	1⅞"	1⅞"	1⅞"	1⅞"

Plastic Hollow Wall - Data	3⁄16"		¼"		3⁄8"		½"	
	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
½" Wallboard	35	70	35	75	40	75	40	90
5⁄8" Wallboard	50	95	55	105	55	105	55	110
¾" 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.
Plastic Hollow Wall Anchor					
78205153311	**APH-18**	3⁄16" x 4"	½"	3⁄8" - 2½"	50
78205153312	**APH-25**	¼" x 4"	½"	3⁄8" - 2½"	50
78205153313	**APH-37**	3⁄8" x 4"	¾"	3⁄8" - 2½"	25
78205153314	**APH-50**	½" x 4"	¾"	3⁄8" - 2½"	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 ⅜" to 1" wallboard.
- APDM/AZDM designed for use in ⅜" to ⅝" 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 11/16	1 5/16
Min. Screw Engagement (in.)	¾	¾

Self-Drilling Wallboard Anchor - Data	APD/AZD		APDM/AZDM	
	Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)
⅜" Wallboard	15	15	10	15
½" Wallboard	15	20	15	15
⅝" Wallboard	20	25	20	20
¾" 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.
Self-Drilling Wallboard Anchor			
78101103314	**APD-8K**	#8 x 1"	100/kit
78101103318	**AZD-8K**	#8 x 1"	100/kit
78205153310	**APDM-6K**	#6 x 1"	100/kit
78205153375	**AZDM-6K**	#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.
Plastic Conical Anchor			
78205153307	**APC-8K**	#8 x 1"	100
78205153308	**APC-10K**	#10 x 1"	100
78205153309	**APC-12K**	#12 x 1"	100

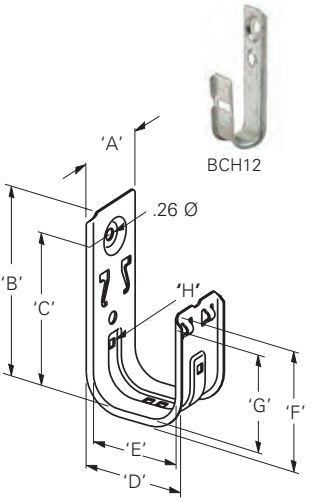
‡ Not ICC-ES certified

Read safety/installation instruction sheets in packages before use.

Cable Hook Technical Data

Single-Sided Single-Tier Cable Fasteners

Hook Size In.	'A' In.	'B' In.	'C' In.	'D' In.	'E' In.	'F' In.	'G' In.	'H' In.
¾	.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

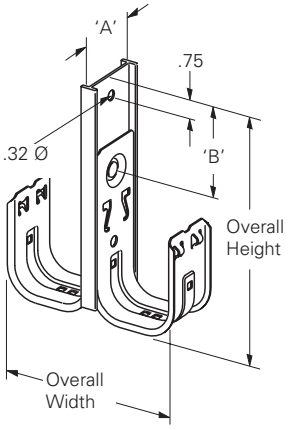


Load Capacity

Cable Hook Size In.	Static Load Capacity (S.F. 3) Galvanized & Stainless Steel Lbs.
¾	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

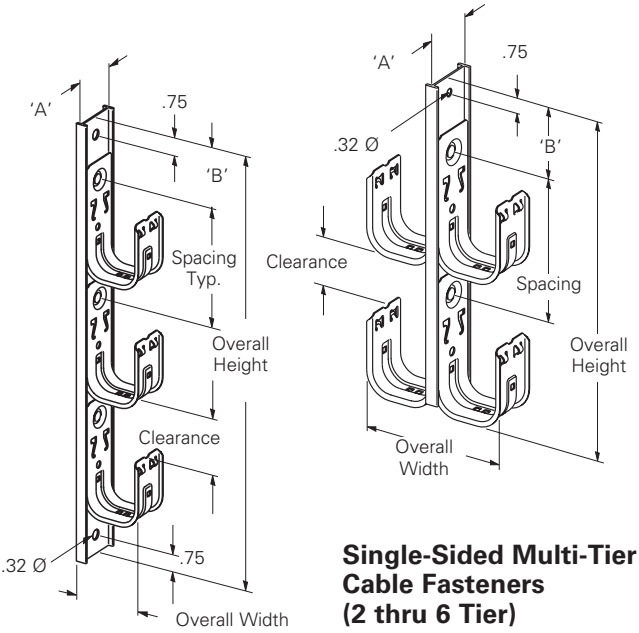


Hook Size In.	'A' In.	'B' In.	Overall Height In.	Overall Width In.
1 5/16	1.90	2.50	5.50	3.47
2	1.90	2.50	6.19	4.85
4	2.38	2.94	9.00	9.19

Cable Hook Technical Data

Double-Sided Double-Tier Cable Fasteners

Hook Size In.	'A' In.	'B' In.	Spacing In.	Clearance In.	Overall Height In.	Overall Width In.
1 5/16	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' In.	'B' In.	Spacing In.	Clearance In.	Overall Height In.	Overall Width In.
1 5/16	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

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.
⅜	0.675	0.493	51.5	65.1
½	0.840	0.632	79.0	101.1
¾	1.050	0.836	105.0	145.8
1	1.315	1.063	153.0	219.3
1¼	1.660	1.394	201.0	318.3
1½	1.900	1.624	249.0	408.8
2	2.375	2.083	332.0	593.8
2½	2.875	2.489	527.0	901.0
3	3.500	3.090	682.0	1259.0
3½	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.
½	0.815	0.745	60.0	82.1
¾	1.029	0.954	82.0	122.8
1	1.290	1.205	116.0	182.3
1¼	1.638	1.553	150.0	267.3
1½	1.883	1.793	182.0	341.8
2	2.360	2.266	242.0	503.8
2½	2.857	2.727	401.0	775.0
3	3.476	3.346	493.0	1069.0
3½	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.
3/8	0.577	0.493	23.0	36.6
1/2	0.706	0.622	28.5	50.6
3/4	0.922	0.824	43.5	84.3
1	1.163	1.049	64.0	130.3
1 1/4	1.510	1.380	95.0	212.3
1 1/2	1.740	1.610	110.0	269.8
2	2.197	2.067	140.0	401.8
2 1/2	2.875	2.731	205.0	579.0
3	3.500	3.356	250.0	826.3
3 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.
1/2	0.840	0.632	27.4	49.5
3/4	1.050	0.836	36.4	77.2
1	1.315	1.063	53.0	119.3
1 1/4	1.660	1.394	69.6	186.9
1 1/2	1.900	1.624	82.2	242.0
2	2.375	2.083	115.7	377.5
2 1/2	2.875	2.489	182.5	556.5
3	3.500	3.090	238.9	815.2
3 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 In.	Outside Diameter In.	Wall Thickness In.	Weight of Pipe Lbs. Per Ft.	Weight of Water 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 In.	Outside Diameter In.	Nominal Inside Diameter In.	Minimum Weight of Conduit Lbs. Per 100 Ft.	Weight of Conduit and Conductors 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 $in.^2$	240 lbs.
5/16"-18	0.045 $in.^2$	400 lbs.
3/8"-16	0.068 $in.^2$	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

Type NM -- Non-Metallic Sheathed Cable

Size AWG	Number of Strands	Ground Wire Size	Approximate O.D. In.	Approximate Weight Lbs. Per 100 Ft.
		Without Ground Wire		
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
		With Ground Wire		
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

Trade Size	Armor O.D. In.	Approximate Weight Lbs. Per 100 Ft.
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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Caddy No.	Eaton No.
SCH6B	B1506S
SCH8B	B1508S
SCH12	B1512
SCH12B	B1512S
SCH16B	B1516S
SCH20B	B1520S
AMR1224SG	B1AJ-1
AMR1224SG	B1AJ-2
AMR1024DG	B2AJ
IDS	BA1
512	BA12
515	BA15
4G16	BA-4-16
512HD	BA50
512A	BA50A
512HDEEP	BA50D
512HDFM70	BA50F
MP1	BB10
MPLS	BB10L
MP1S	BB15
TSGB16	BB2-16T (NEW)
TSGB24	BB2-24T (NEW)
TSGLDR1	BB2CL
TSGLDR1	BB2TSC
TSGLDR1	BB2TSC
CS812	BB38
CS812D	BB38D
H23	BB4-23
H4	BB4-4
H6	BB4-6
TSRBS1625	BB7-16
TSRBS1625	BB7-24
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
CAT32HPAFAB6	BCH32-AB
CAT32HPBCB	BCH32-C2
CAT32HPAB	BCH32-RB
CAT32HP24	BCH32-U-2-4
CAT32HP4Z34	BCH32-W2
CAT64HP	BCH64
CAT64HPAFAB6	BCH64-AB
CAT64HPAB	BCH64-RB

Top 100 Caddy®† to B-Line series fastener cross reference

Caddy No.	Eaton No.
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
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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®† to B-Line series fastener cross reference

Orbit No.	Eaton No.
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
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SBS	BB33L

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