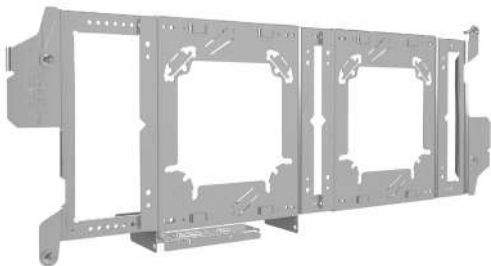


Fastener Solutions Catalog



NOTICE

Eaton reserves the right to change the specifications, materials, equipment, prices or the availability of products at any time without prior notice. While every effort has been made to assure the accuracy of information contained in this catalog at the time of publication, we are not responsible for inaccuracies resulting from undetected errors or omissions.

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

BBT series telescoping brackets

With an auto-height adjustment, the rigid BBT-HF telescoping bracket is quick and easy to install. Simply slide the bracket to the width required, snap both ends of the bracket to the stud and secure with screws. For studs wider than 1³/₈", utilize the BBT-WF and for stud widths 9¹/₄" - 16¹/₂", use the BBT-16.



Ruff-IN prefabricated assemblies

Ruff-IN is our extensive portfolio of innovative, pre-fabricated in-wall and overhead electrical assemblies. Available in multiple tiers, from simple assemblies to a complete engineered solution for a project.

KwikWire hanging system

The KwikWire™ Hanging System is a flexible indoor replacement for jack chain and all thread rod that will help reduce your hanging time. Installing up to 50% faster, this solution can quickly wrap around beams with no drilling required.



BB38D conduit support

The redesigned, larger capacity conduit support attaches 1/2" to 1" EMT or MC/AC or flexible conduit to metal or wood studs. The BB38D eliminates the need for offset bending of conduit and allows cables to be positioned a min. of 1¹/₄" from stud face, as required by NEC Article 300.4(D).

Telescoping box mounting bracket

Completely adjustable, this bracket fits a wide range of stud spacings and serves as a mount for a variety of outlet boxes. The center groove design offers increased strength and rigidity.



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.

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CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

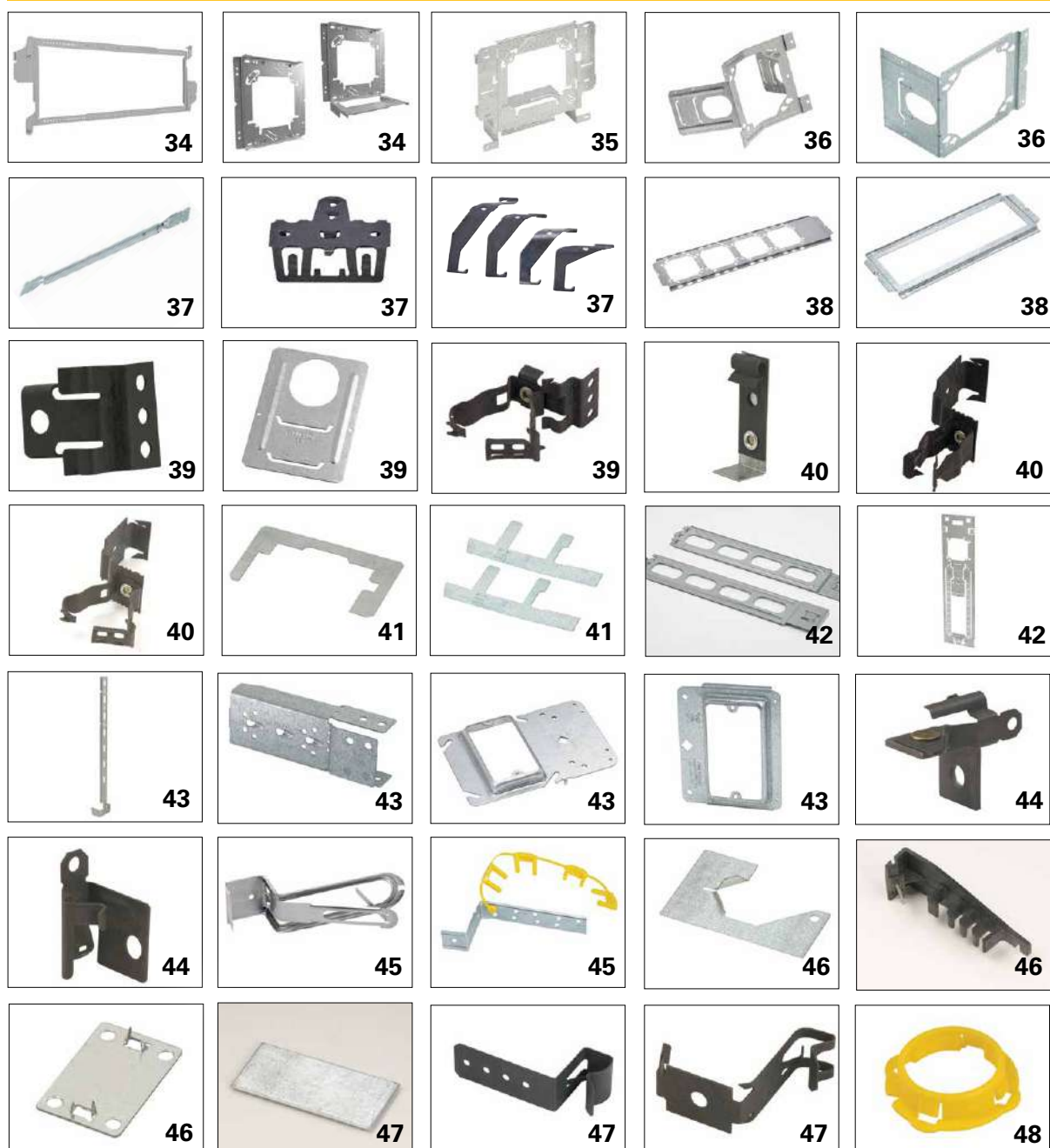
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Ruff-IN Prefabricated Solutions



Wall Studs



Conduit & Cable



Acoustical Tee



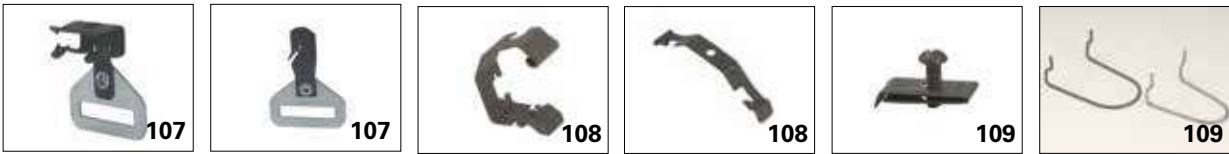
Beams



Hangers



Lathers Channel



Communication & Low Voltage



Accessories



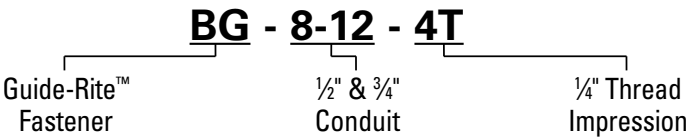
Anchors



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

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

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



Quality Assurance

At Eaton, we follow an established quality 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.

Materials and Finishes

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

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

B-Line series 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. B-Line series spring steel fasteners are then 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. Spring steel fasteners then receive a coating (at least 1000 milligrams of zinc phosphate per square foot) 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, Eaton rates this coating for 30 hours when salt fog tested per ASTM B-117. Some standard fasteners have a gloss white acrylic enamel applied over the zinc phosphate finish for an enhanced appearance that compliments white ceiling grids. Although rust resistant, B-Line series spring steel fasteners should be used only indoors and in non-corrosive environments.

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 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.

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.

Eaton's B-Line series fasteners are for use with support members, such as angle iron, bar joists, beams, columns, flanges, purlins and wires that comply with the applicable AISI standards. Our fasteners are also used with threaded rod that complies with the applicable AISI standards.

Ruff-IN your way!

Ruff-IN is available in multiple tiers, from simple assemblies to a complete engineered solution for a project. Choose the Ruff-IN solution below that best fits your needs job-by-job, or drive toward a standard solution. Contact our team for guidance toward the solution that best fits your project.

1. Ruff-IN Made-to-Stock - standard assemblies

- Our most common and popular pre-fab assemblies
- Helps reduce material management costs and eliminate assembly for all your work
- Factory assembled and available for immediate shipment from stock

If you're building assemblies yourself, consider our pre-fab optimized components like Quick-Lok™ and BBT series brackets.



2. Ruff-IN Made-to-Order - configured assemblies

- Configured according to your specific project type and schedule, optimizing labor usage and maximizing installation speed
- Assembled from our extensive line of brackets, boxes, plaster rings, wiring devices, push-in connectors, cable leads, and other branch wiring accessories
- When you establish standard assemblies, your MTO assemblies become your standard, and we'll work with distributors to stock them for you



3. Ruff-IN Engineered-to-Order - fully engineered solutions

- Complete turnkey solution that begins with a free takeoff based on the construction documents. When a PO is awarded, a complete Revit model will be created to design the pre-fab solution.
- Revit model can be shared to help with trade coordination and serves as owner-as-built drawing once completed.
- Fully engineered to the project requirements using a 15+ year proven system, delivering a fast and consistent installation to optimize labor.
- Ideal for highly repetitive projects like apartments, dormitories and hotels.



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

For more information, contact your local Crouse-Hinds series representative or visit Eaton.com/Ruff-IN.

1. Ruff-IN Made-to-Stock - standard assemblies



TP403PF



TP403G



TP404PF



TP404G



PFTWFA 4Q1075



PFTWFA 4Q10275



PFTWFA 4Q10AR58



PFTWFA 4Q102AR



PFTA4 4Q1075



PFTA4 4Q10275



PFTA4 4Q10AR58



PFTA4 4Q102AR

Catalog #	EAN/UPC code	Description
TP403PF	3078618900028	4" square X 2-1/8" D. box with ground pigtail
TP403G	3078618980403	4" square X 2-1/8" D. box with ground screw installed
TP404PF	3078618900027	4" square X 1-1/2" D. box with ground pigtail
TP404G	3066227901861	4" square X 1-1/2" D. box with ground screw installed
PFTWFA 4Q1075	3066227919215	BBT-WF + BBA - 14.5" - 25" telescoping open bracket w/ alignment plate + TP4Q10PF - 4" SQ. X 2-1/8" D. box with Quick-Lok connector and ground pigtail + TP486 - 3/4" raised single gang
PFTWFA 4Q10275	3066227919216	BBT-WF + BBA - 14.5" - 25" telescoping open bracket w/ alignment plate + TP4Q10PF - 4" SQ. X 2-1/8" D. box w/ Quick-Lok connector and ground pigtail + TP500 - 3/4" raised two gang
PFTWFA 4Q10AR58	3066227919217	BBT-WF + BBA - 14.5" - 25" telescoping open bracket w/ alignment plate + TP4Q10PF - 4" SQ. X 2-1/8" D. box w/ Quick-Lok connector and ground pigtail + ARM158 - adjustable depth single gang
PFTWFA 4Q102AR	3066227919218	BBT-WF + BBA - 14.5" - 25" telescoping open bracket w/ alignment plate + TP4Q10PF - 4" SQ. X 2-1/8" D. Box w/ Quick-Lok connector and ground pigtail + AMR2 - adjustable depth two gang
PFTA4 4Q1075	3066227918264	BBA-4 - double sided stud mount bracket w/ backside support + TP4Q10PF - 4" SQ. X 2-1/8" D. box w/ Quick-Lok connector and ground pigtail + TP486 - 3/4" raised single gang
PFTA4 4Q10275	3066227712612	BBA-4 - double sided stud mount bracket w/ backside support + TP4Q10PF - 4" SQ. X 2-1/8" D. box w/ Quick-Lok connector and ground pigtail + TP500 - 3/4" raised two gang
PFTA4 4Q10AR58	3066227919224	BBA-4 - double sided stud mount bracket w/ backside support + TP4Q10PF - 4" SQ. X 2-1/8" D. box w/ Quick-Lok connector and ground pigtail + ARM158 - adjustable depth single gang
PFTA4 4Q102AR	3066227918263	BBA-4 - double sided stud mount bracket w/ backside support + TP4Q10PF - 4" SQ. X 2-1/8" D. box w/ Quick-Lok connector and ground pigtail + AMR2 - adjustable depth two gang

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

For more information, contact your local Crouse-Hinds series representative or visit Eaton.com/Ruff-IN.

2. Made-to-Order assemblies

Catalog numbering system for Ruff-IN assembly configurations

Part number example

PFTHFA-4Q10ARC20DTRW



Series		PF THFA — 4Q10		AR C		20 D TR W	
PF Ruff-IN							
Bracket style							
H3	BB423 single sided bracket for 2½" & 3½" studs						
H6	BB46 single sided for 6" studs						
TA	BBA alignment plate compatible with BBT-HF telescoping bracket, no backside support						
TA4	BBA-4 double sided bracket compatible with BBT-HF telescoping bracket, with backside support for 2½" through 6" studs						
THFA	BBT-HF hands-free telescoping open bracket for 14½" - 25" stud spacing with BBA box mount						
TWFA	BBT-WF wide flange telescoping open bracket for 14½" - 25" stud spacing with BBA box mount						
16T	BB2-16T (new) telescoping slider bracket for 16" stud spacing						
24T	BB2-24T (new) telescoping slider bracket for 16" stud spacing						
18FM	BBF18 floor mount bracket 18" on center						
S	BB2TS box slider for BB2 bracket						
C	BB2TSC box clip for BB2 bracket						
3MM	BB816 3 hole multiple mount bracket for 24" stud spacing						
4MM	BB824 4 hole multiple mount bracket for 24" stud spacing						
16BO	BB716 open mount bracket for 16" stud spacing						
24BO	BB724 open mount bracket for 24" stud spacing						
BH24	BA50 T-bar (for 1½ deep boxes)						
X	No bracket included						
Box style							
4D	TP403 4 SQ 2⅛" deep box ½" & ¾" KO						
4S	TP404 4 SQ 1½" deep box ½" & ¾" KO						
432	TP432 4 SQ 2⅛" deep box ¾" KO						
4Q10	TP4Q10 Quick-Lok 4 SQ 2⅛" deep box with (2) cable entries on top						
4Q10M	TP4Q10M Quick-Lok 4 SQ 2⅛" deep box with (2) cable entries on top and double sided bracket						
5Q20	TP5Q20 Quick-Lok 4⅞" SQ 2⅛" deep box with (4) cable entries on top						
436	TP436 4 SQ 2⅛" deep box 1 KO						
431	TP431 4 SQ 2⅛" deep box ½" & ¾" KO with AC/MC clamps in each end						
5D	TP525 4⅞" welded 2⅛" deep box ½" & ¾" KO						
560	TP560 4⅞" drawn 2⅛" deep box 1" KO						
562	TP562 4⅞" drawn 2⅛" deep box 1¼" KO						
278	TP278 4 1" deep octagon box ½" & ¾" KO						
292	TP292 4 2⅛" deep octagon box ½" & ¾" KO						
Box ground wire							
BLANK	Solid						
A	Stranded						
N	None						
Receptacle ground orientation							
BLANK	Up						
DN	Down						
Device color							
V	Ivory						
W	White						
R	Red						
LA	Light almond						
Tamper resistant							
BLANK	Non-tamper resistant						
TR	Tamper resistant						
Device type							
D	Duplex receptacle						
U	Duplex receptacle/USB						
SP	Single pole						
G	GFCI						
3W	Three way switch						
Device amperage							
15	15A						
20	20A						
Device style							
BLANK	Standard						
D	Decora						
Mud ring depth and gang							
50	TP484 ½" raised 1 gang						
58	TP489 ⅝" raised 1 gang						
75	TP486 ¾" raised 1 gang						
100	TP488 1" raised 1 gang						
125	TP490 1¼" raised 1 gang						
250	TP498 ½" raised 2 gang						
258	TP499 ⅝" raised 2 gang						
275	TP500 ¾" raised 2 gang						
2100	TP502 1" raised 2 gang						
2125	TP501 1¼" raised 2 gang						
AR	AMR1 adj ¾" to 1-½" raised, 1 gang						
AR58	AMR158 adj ⅝" to 1-¼" raised, 1 gang						
2AR	AMR2 adj ⅝" to 1-½" raised, 2 gang						
3AR	AMR3 adj ¾" to 1-½" raised, 3 gang						
Device grade							
BLANK	No device						
C	Commercial						
S	Specification						
I	Industrial						
H	Hospital						

*Duplicate per device.

†Position 2 and 3 are only added for multi-mount or open mount assemblies. Insert a space, replace "X" and repeats steps 3-11 for additional boxes on assembly. If 1st or 2nd positions are blank, then insert "X" and use steps 3-11 in position where box is required.

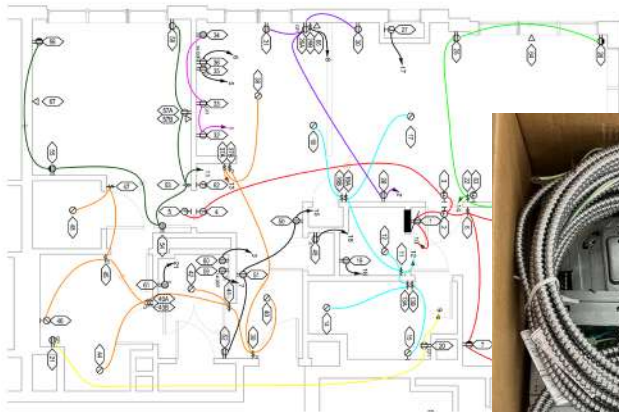
If no device is required, catalog number is complete after mud ring step.

Catalog number reflects 4" mud rings. For 4-11/16" mud rings, see Eaton.com.

3. Ruff-IN Engineered-to-Order solutions

How you save with Ruff-IN fully engineered solutions

- Eliminate time-consuming job site “engineering”
- Eliminate spot buying and excessive material handling
- Eliminate job site material “piles” and wasted time searching for pieces and parts
- Reduce material overages and scrap, including expensive wire and cable
- Speed installations and improve project savings



8
Minutes

Estimated time saved per assembly by rough-in crews on a typical hotel over traditional “stick-build” wiring methods

Interested in using Ruff-IN assemblies on your next project? Use the QR code to contact our experts.



Contact us about RUFF-IN pre-fabricated solutions

Questions about RUFF-IN? Interested in using RUFF-IN assemblies on your next project?

Submit the form below and one of our pre-fab experts will connect with you shortly.

Meet our experts >

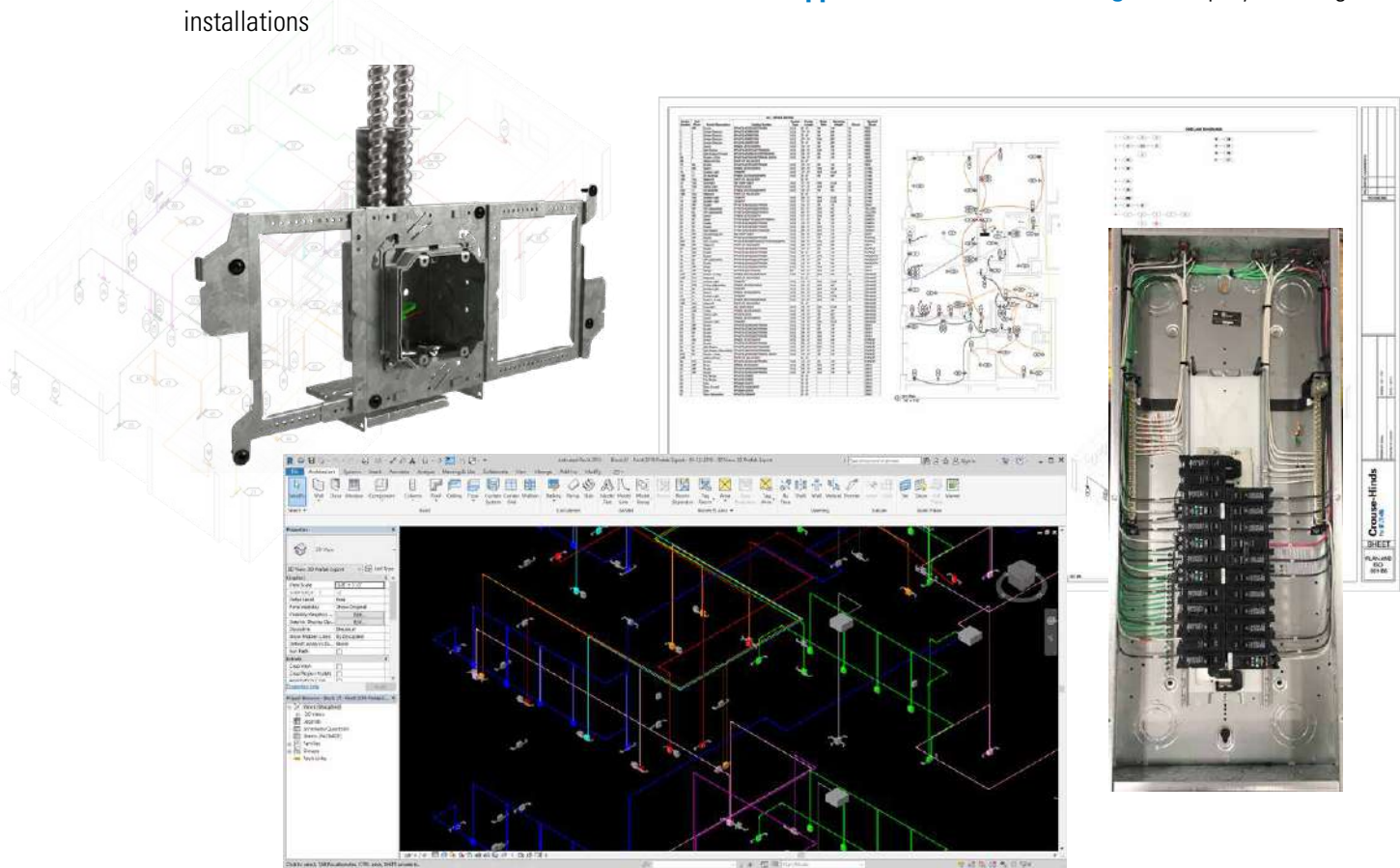


3. Ruff-IN Engineered-to-Order solutions

Engineered-to-Order solutions are used in commercial buildings such as hotels, condominiums, dormitories, retail offices, hospitals and apartments, where the **architectural design is typically repeated from room to room**.

Our experienced engineering team will work with you to plan and design the exact requirements for your next big project. We'll provide:

- **Dedicated project management**, local sales and distribution support
- **Expert recommendations** on the products and assemblies that best fit your project and align to your preferred installation methods
- **Digital integration** – We can incorporate our design data right into your software plans, further streamlining material management and job complexity
- Assemblies include **custom labels** and are **kitted, and shipped with detailed drawings** to simplify handling and speed installations



Experience and agility to manage change

We understand that **unexpected change** occurs on large commercial projects – changes that can come at you fast and are beyond your control. Whatever the obstacle, we'll work with you to make the necessary modifications for future assemblies and keep your project on track and on time.



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

Box mounting brackets

The BBA box mounting bracket and the BBA-4 box mounting bracket with support flange snap easily onto the BBT-HF telescoping bracket.



UPC/Part number	Catalog #	Description	Stud depth	Box Qty.
79903882321	BBA	Box mounting bracket	—	25
79903882767	BBA-2	Box mounting bracket with back side support	2½"	25
79903882320	BBA-4	Box mounting bracket with back side support	2½" - 6"	25
79903885084	BBA-MG	Box mounting bracket for multi-gang and 4⅞" boxes	2½" - 3⅝"	25



BBA front



BBA back



BBA-2 side



BBA-4 front



BBA-4 back



BBA-MG

Features

- Marty Mouse™ ears to retain the box when plaster ring is removed
- Rabbit Ears™ to attach a plaster ring for data devices without using a box
- Accepts 4", 4⅞" and 5" square box sizes
- Built-in, snap off back support extension for studs from 2.5" to 6" studs
- No need to measure additional box heights – features interlocking brackets to easily and quickly mount boxes side-by-side
- Faster daisy chain boxes; two brackets mount to the same side of the stud
- Works with standard or adjustable mud rings and Rapid Ring self-adjusting pre-fab ring
- Use with BBT-HF or directly to stud
- UL Listed for U.S. and Canada; CSA certified

Patent pending (all parts)

Advantage of B-Line series brackets

No need to measure box heights with interlocking brackets

Mounting boxes side-by-side has never been easier.

- Designed to mount two boxes at exactly the same height on either side of the stud.

No box needed for DataComm accessories

Innovative rabbit ears make it possible.

- Rabbit Ears and mud ring allow data communication devices, such as card readers, to be attached to the bracket without the use of a box.

One SKU mounts multiple box sizes - fewer parts to handle on the job-site

Built-in back support accessory for job-site flexibility.

- Bracket accepts 4", 4⅞", and 5" boxes.
- Bracket extender easily snaps off of the bracket to snap into place as a back support for up to 6" stud depths.

Faster daisy chain boxes

Faster installs with B-Line series solutions.

- Two brackets mount to the same side of a stud at the same height.

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

Eaton.com/BBT-HF



Hands-free telescoping brackets

With an auto-height adjustment, the rigid BBT-HF telescoping bracket is quick and easy to install. Simply slide the bracket to the width required, snap both ends of the bracket to the stud and secure with screws.

- Easily adjust to accommodate stud widths of 14½" through 25"; a secure fit at all stud spacings
 - Bracket includes an auto-height adjustment feature
 - Self-leveling when snapped onto stud; no need for additional leveling tools
 - Easy to identify center line on both sides of the bracket
 - Snap on feature works on 1¼" through 1⅜" inch width studs
 - For studs wider than 1⅜" utilize the BBT-WF
 - Designed to mount boxes at the exact height on either side of the stud without overlap of adjacent brackets
 - Continuous hole pattern allows for positioning of the box mounting bracket anywhere along the length of the bracket
1. With bracket fully collapsed, align next to stud with right side at the floor.
 2. Install sheet metal screw into pivot point.
 3. Rotate bracket around the installed screw at the pivot point.
 4. Expand bracket, snap to stud and affix with screws. Center line will be 18" AFF.

UPC/Part number	Catalog #	Description	Stud spacing	Box Qty.
79903882319	BBT-HF	Telescoping box bracket	14½" - 25"	25
79903882766	BBT-WF	Telescoping box bracket for wide flange studs	14½" - 25"	25
79903885068	BBT-16	Telescoping box bracket	9¼" - 16½"	25

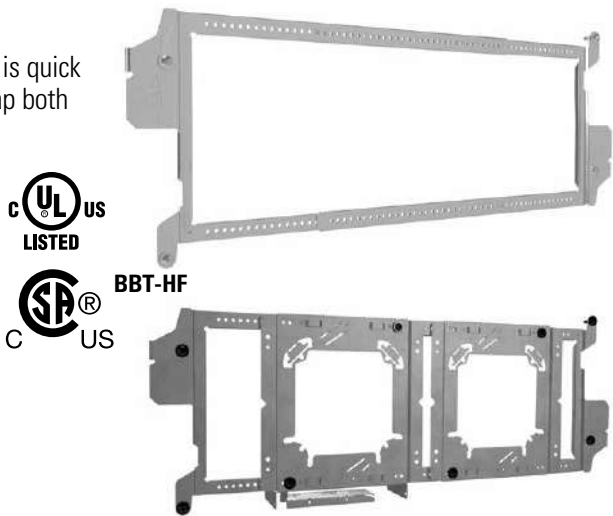
Ceiling clips for BBT brackets

- Installs onto BBT-WF with two screws for installation into T-Grid ceilings
- Box attached with BBA or BBA-4 alignment bracket
- Wide support prevents bracket from rocking, and rigidity of BBT-WF reduces pressure on the ceiling tile
- Sheet metal screw location and loop hole for support drop wire aids compliance with NEC 314.23 (D)
- Install fire alarm boxes, nurse call, lighting controls, etc. into the ceiling grid using the same brackets installed in the wall, reducing overall SKU count
- Install multiple boxes into the same ceiling tile
- Static load capacity 50lbs.
- Available for field or prefab shop assembly, or preassembled on a BBT-WF bracket with box and cover preinstalled

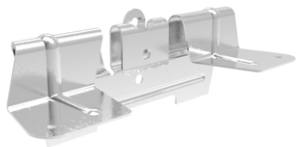
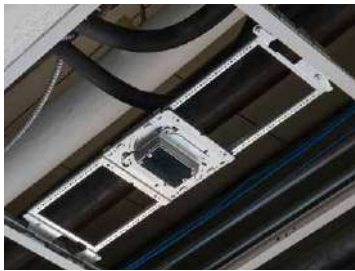
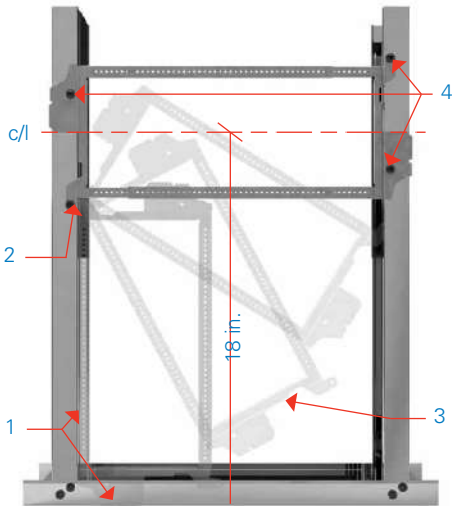
The combination of the BBT-WF and BBT-TG bracket is not listed to support a luminaire.

UPC/part number	Catalog #	Description	Box qty.
79903885065	BBT-TG	Ceiling clips for BBT brackets	100

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



Telescoping bracket with BBA-4 and BBA added





Telescoping brackets

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



BB2-16T



BB2-24T



BB2-24TS

UPC/part number	Catalog #	Stud spacing	Box qty.
79903863001	BB2-16T	11" to 18"	50
79903863002	BB2-24T	15½" to 26"	50
78205138614	BB2-16TS	11" to 18"	20
78205138628	BB2-24TS	15" to 26"	20

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



UPC/part number	Catalog #	Description	Box qty.
79903863003	BB2TSC	Box mounting	100

Patent pending

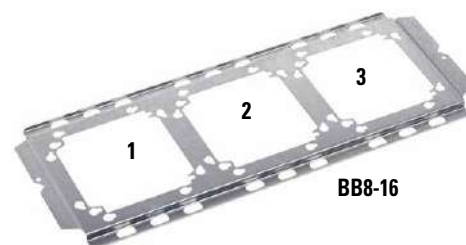
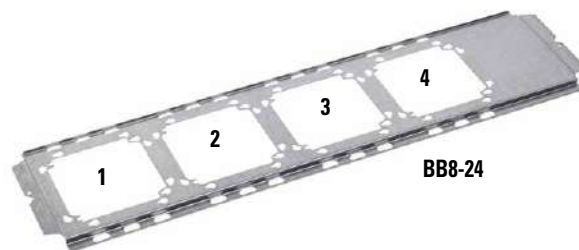


Shown mounted on box

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

Multiple box mounting brackets

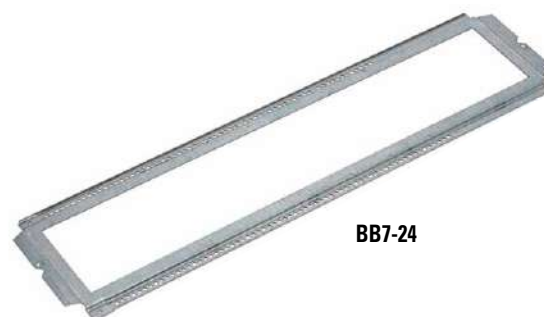
- Increased strength and rigidity help withstand the stress of drywall installation
- Supports most US & Canadian boxes and plaster rings 4" square and 4¹¹/₁₆" square
- Compatible with adjustable mud rings (see page 23)
- Available factory assembled as part of the Ruff-IN pre-fab line with box(es), mud ring(s), and ground wire(s)
- Finish: pre-galvanized
- Patent pending



UPC/part number	Catalog #	Stud size	Box qty.
78101102898	BB8-16	16"	25
78101102900	BB8-24	24"	25

Open box mounting brackets

- Open box support allows for adjustability of box position between studs
- Supports most U.S. and Canadian boxes and/or plaster rings 4" square, 4¹¹/₁₆" square, 5" square, and multi-gang boxes
- Fits up to 1¹/₂" wide studs 16" to 24" on center
- Compatible with adjustable mud rings (see page 23)
- Field cut to adjust to non-standard stud spacings
- Stamped markings at 1/4", 1/2", and 1" increments to allow the installer to easily locate the desired box position
- Available factory assembled as part of the Ruff-IN pre-fab line with box(es), mud ring(s), and ground wire(s)
- BB7AP alignment plate centers and secures box to the bracket, allows for easy adjustment of box location
- Finish: pre-galvanized
- Patent pending



UPC/part number	Catalog #	Stud size	Box qty.
78101145325	BB7-16	16"	25
78101145328	BB7-24	24"	25
79903859494	BB7AP	—	100

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

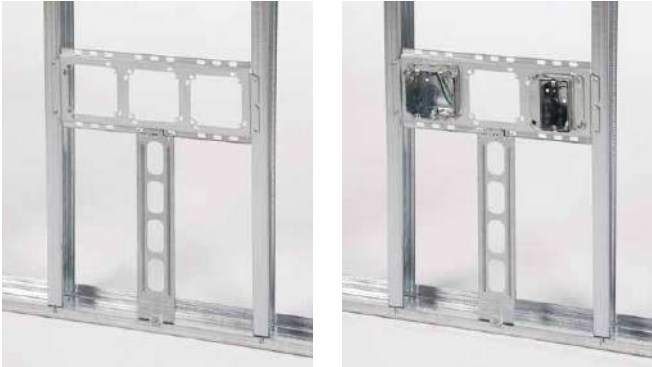
Floor stand box supports

- BBFS-18 floor stand ensures consistent box height and eliminates need to measure for proper install height
- Can be used with BB7 and BB8 brackets
- Finish: pre-galvanized

UPC/part number	Catalog #	Description	Box qty.
79903851597	BBFS-18	Floor stand	25



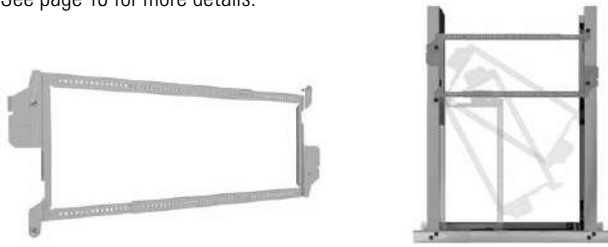
BBFS-18



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

Productivity and part reduction opportunity!

Try the auto height on the BBT-HF instead of floor stands - less parts.
See page 16 for more details.

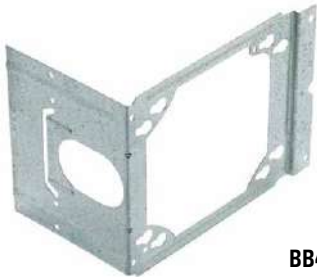


Single sided box support brackets

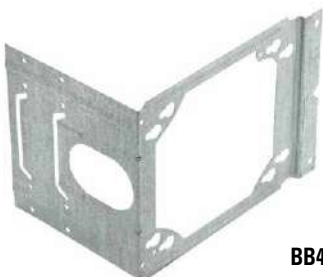
- Improved far-side support prevents box movement in wall cavity
- Adjustable far-side supports designed to help reduce labor
- Brackets may be piggy-backed in series
- Not recommended for pre-installed wiring devices. See BB70 (page 20) for an improved pre-fab assembly solution



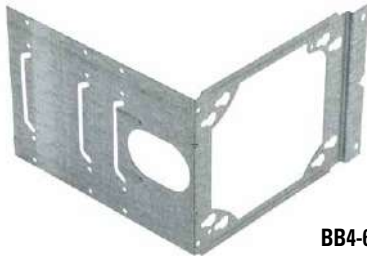
UPC/part number	Catalog #	Stud size	Box qty.
78101118190	BB4-23	3½" & 2½"	100
78101118200	BB4-4	4", 3½" & 2½"	100
78101118202	BB4-6	6", 5½", 3½", 2½"	100



BB4-23



BB4-4



BB4-6

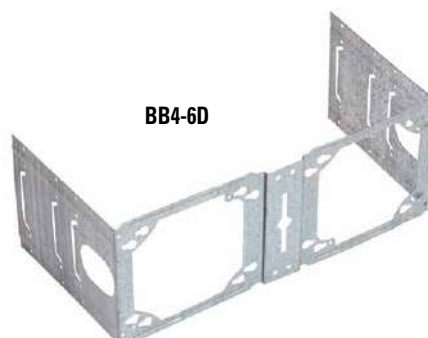
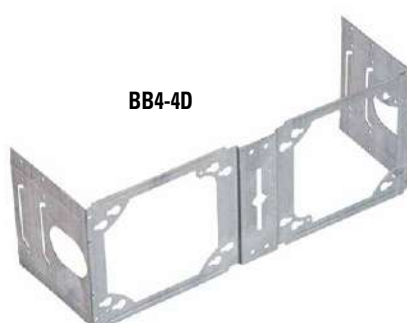
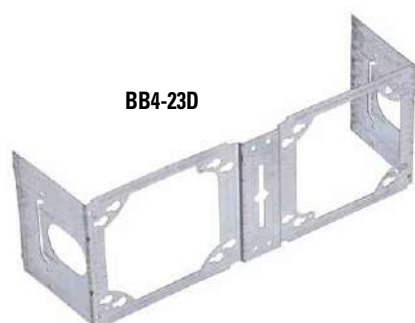
*Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.*

Two gang double sided support brackets

- Improved far-side support prevents box movement in wall cavity
- Adjustable far-side supports designed to help reduce labor
- Ruff-IN assemblies available with box, plaster ring and ground wire



UPC/part number	Catalog #	Stud size	Box qty.
79903848375	BB4-23D	3½" & 2½"	50
79903848376	BB4-4D	4", 3½" & 2½"	50
79903848377	BB4-6D	6", 5½", 3½", 2½"	50



Box support brackets

- Interlocking wrap-around design provides extra rigidity
- Compatible with adjustable plaster rings (see page 23)
- Adjustable for varying stud depths (2½" to 6"); simply bend bracket for 2½", 3½" and 4" depths
- For 5½" depth, snap the BB70E into the next notch on the bracket side
- Integral mounting tabs for attaching plaster rings
- Multiple brackets may be ganged together
- Available factory assembled as part of the Ruff-IN pre-fab line with box, mud ring, and ground wire
- Finish: Pre-galvanized



UPC/part number	Catalog #	Stud size	Box qty.
79903856399	BB70	2½" - 4"	50
79903856400	BB70*	5½" - 6"	50

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



BB70



Can be used with BBFS-18 (floor stand); See page 19.

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

Floor mount box supports

- BBF floor stand provides the most rigid support in the industry
- Far-side support accommodates 6", 5½", 3¾", and 2½" stud depths
- Fold-out tab built-in to attach floor stand to stud if desired
- Integral "wings" provide rigid support when floor stand is mounted between studs
- Optional cable containment clip securely attaches to floor stand without hardware
- Patented Marty Mouse ears enable boxes to be secured with or without the plaster rings
- Finish: pre-galvanized



UPC/part number	Catalog #	Stud size	Box qty.
78205152944	BBF15	15" Floor stand	25
78205152945	BBF18	18" Floor stand	25
78205152946	BBF24	24" Floor stand	25
78205152947	BBFC	Cable containment clip	25
78205152948	BBF15C	15" Floor stand with cable containment clip	25
78205152949	BBF18C	18" Floor stand with cable containment clip	25
78205152950	BBF24C	24" Floor stand with cable containment clip	25

Floor mounted box support

- 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



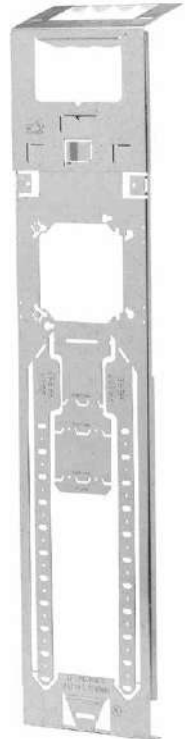
UPC/part number	Catalog #	Description	Box qty.
78101103623	BB-18	Floor mounted box support	50



BBFC



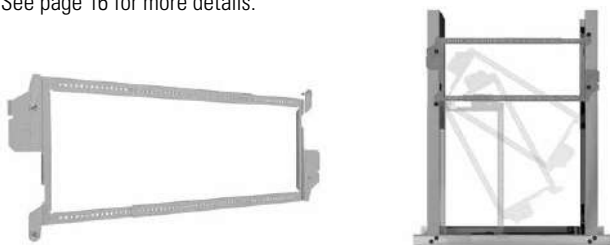
BBF24



BBFxxC

Productivity and part reduction opportunity!

Try the auto-height on the BBT-HF instead of floor stands - less parts. See page 16 for more details.



BB-18



BBF15



BBF18

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

Ceiling hangers

- Supports octagonal or square boxes on 24" span
- Bendable ends mount 1½" or 2⅞" 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



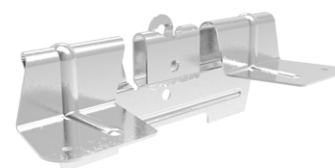
BA50

UPC/part number	Catalog #	Description	Box qty.
78101196490	BA50	Box hanger	25
78101118080	BA12	Box hanger	50



Ceiling clips for BBT brackets

- Installs onto BBT-WF with two screws for installation into T-Grid ceilings
- Box attached with BBA or BBA-4 alignment bracket
- Wide support prevents bracket from rocking, and rigidity of BBT-WF reduces pressure on the ceiling tile
- Sheet metal screw location and loop hole for support drop wire aids compliance with NEC 314.23 (D)
- Install fire alarm boxes, nurse call, lighting controls, etc. into the ceiling grid using the same brackets installed in the wall, reducing overall SKU count
- Install multiple boxes into the same ceiling tile
- Static load capacity 50lbs.
- Available for field or prefab shop assembly, or preassembled on a BBT-WF bracket with box and cover preinstalled



The combination of the BBT-WF and BBT-TG bracket is not listed to support a luminaire.

UPC/part number	Catalog #	Description	Box qty.
79903885065	BBT-TG	Ceiling clips for BBT brackets	100

Heavy duty box hanger

- Supports octagonal or square boxes on 24" span
- Bendable ends mount 1½" or 2⅞" 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



BA50

BA50D

BA50A

UPC/part number	Catalog #	Description	Box qty.
78101196490	BA50	Box hanger	25
78101196491	BA50D	Box hanger for box with 1½" extension	25
78205118460	BA50A	Adjustable box hanger for T-bar	10



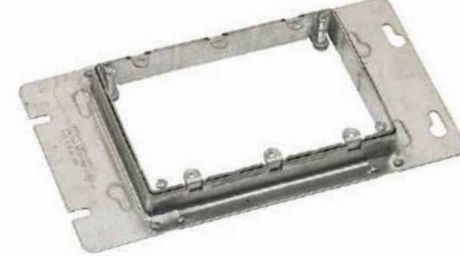
Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.

Adjustable mud rings

- Adjustable mud ring can be used with 4" square, 2½" deep boxes and fits a range of drywall thicknesses
- Mud 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

AMR158

AMR2

AMR3


UPC/part number	Catalog #	Description	Depth	Box qty.
11842340	AMR158	One device adjustable ring	⅝" - 1¼"	50
11838358	AMR1	One device adjustable ring	¾" - 1½"	50
11838370	AMR2	Two device adjustable ring	⅝" - 1½"	50
11842341	AMR3	Three device adjustable ring	¾" - 1½"	50
12164083	AMR0	Round device adjustable ring	¾" - 1½"	50

AMR0


Metal protector plates

- Protects box contents from drywall mud, paint and debris
- Protector plates provided with all wiring device assemblies
- Can be installed on plaster rings with or without pre-installed wiring devices
- Helps protect pre-installed wiring devices from damage during drywall installation
- Design transmits force of drywall installation to the plaster ring - not the wiring device
- Domed plate for toggle switches allows for clearance between the plate and switch, and helps eliminate scratching of the devices
- Two protector plates are required for two device plaster rings

BPS1

BPS2

BPR1


UPC/part number	Catalog #	Devices	Plaster ring style	Box qty.
78205149197	BPR1	Receptacles, GFCI, decorator, none	One device	50
78205138937	BPS1	Toggle switches	One device	50
78205149199	BPR2	Receptacles, GFCI, decorator, none	Two device	50
78205138938	BPS2	Toggle switches	Two device	25

BPR2


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

Concrete box clamp

- Secures electrical boxes in concrete block
- Quickly installs with no tools required
- Works for single or double gang boxes
- Completely re-usable
- Able to be used with flush mount rings or penetrating rings when block wall will be covered

UPC/part number	Catalog #	Description	Box qty.
79903863423	BB-4SCBC	Concrete box clamp	25



Cable support

- Can be push mounted to stud for positioning
- Stiffening ribs and more material for rigid design
- Zip tie locking tab allows trouble-free securing of cables
- Attaches to stud using only one screw
- 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 #	Description	Box qty.
79903843761	BRC6M	Cable support	100

Note: Canadian applications are limited to wood studs only.

Cable type	Size	Cable capacity
Non-Metallic cable (NM)	14/2, 14/3, 12/2, 12/3, 10/2, 10/3, 8/2 with ground	8
	8/3, 6/2 with ground	6
Metal Clad cable (MC)	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2 with ground	6
	10/3, 10/4 with ground	5
Armored Cable (AC)	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2 with ground	6
	10/3, 10/4 with ground	5
Flexible Cable (BX)	5/16"	6
	3/8"	5

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



Push support onto stud



Support stays mounted to stud while securely attached with one screw



Insert cables to be secured



Once cables are inserted, wrap zip-tie around the end of the support to secure the cables

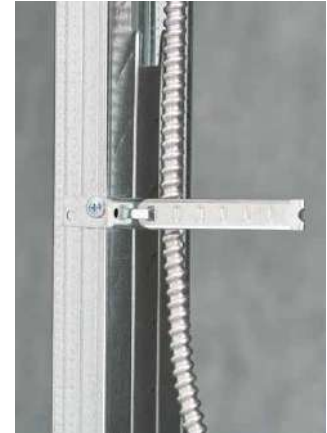
Cable support

- For use on wood or metal stud
- 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 #	Description	Box qty.
79903862843	BRCJ	Cable support	100

Surface	Cable type	Size	Cable capacity
Wood	Non-Metallic cable (NM)	14/2, 14/3, 12/2, 12/3, 10/2, 10/3, with ground	Max 6
		8/2, 6/2 with ground	Max 4
Metal stud	Metal Clad cable (MC)	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4 with ground	Max 4
Furring strip & hat channel	Armored Cable (AC)	14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4 with ground	Max 4
Furring strip & hat channel	Flexible Cable (BX)	5/16" & 3/8"	Max 4
Metal stud (Canada only)	Non-Metallic sheathed cable	14/2, 14/3, 12/2, 12/3, 10/2, 10/3, with ground	Max 4



Notes: Read safety/installation instruction sheet in packages before use.

Catalog numbering system for Ruff-IN assembly configurations

Part number example

PFTHFA-4Q10ARC20DTRW



PF THFA — 4Q10

AR C

20 D TR W

Series

PF Ruff-IN

Bracket style

H3	BB423 single sided bracket for 2½" & 3½" studs
H6	BB46 single sided for 6" studs
TA	BBA alignment plate compatible with BBT-HF telescoping bracket, no backside support
TA4	BBA-4 double sided bracket compatible with BBT-HF telescoping bracket, with backside support for 2½" through 6" studs
THFA	BBT-HF hands-free telescoping open bracket for 14½" - 25" stud spacing with BBA box mount
TWFA	BBT-WF wide flange telescoping open bracket for 14½" - 25" stud spacing with BBA box mount
16T	BB2-16T (new) telescoping slider bracket for 16" stud spacing
24T	BB2-24T (new) telescoping slider bracket for 16" stud spacing
18FM	BBF18 floor mount bracket 18" on center
S	BB2TS box slider for BB2 bracket
C	BB2TSC box clip for BB2 bracket
3MM	BB816 3 hole multiple mount bracket for 24" stud spacing
4MM	BB824 4 hole multiple mount bracket for 24" stud spacing
16BO	BB716 open mount bracket for 16" stud spacing
24BO	BB724 open mount bracket for 24" stud spacing
BH24	BA50 T-bar (for 1½" deep boxes)
X	No bracket included

Box style

4D	TP403 4 SQ 2⅛" deep box ½" & ¾" KO
4S	TP404 4 SQ 1½" deep box ½" & ¾" KO
432	TP432 4 SQ 2⅛" deep box ¾" KO
4Q10	TP4Q10 Quick-Lok 4 SQ 2⅛" deep box with (2) cable entries on top
4Q10M	TP4Q10M Quick-Lok 4 SQ 2⅛" deep box with (2) cable entries on top and double sided bracket
5Q20	TP5Q20 Quick-Lok 4⅞" SQ 2⅛" deep box with (4) cable entries on top
436	TP436 4 SQ 2⅛" deep box 1 KO
431	TP431 4 SQ 2⅛" deep box ½" & ¾" KO with AC/MC clamps in each end
5D	TP525 4⅞" welded 2⅛" deep box ½" & ¾" KO
560	TP560 4⅞" drawn 2⅛" deep box 1" KO
562	TP562 4⅞" drawn 2⅛" deep box 1¼" KO
278	TP278 4" 1½" deep octagon box ½" & ¾" KO
292	TP292 4" 2⅛" deep octagon box ½" & ¾" KO

Box ground wire

BLANK	Solid
A	Stranded
N	None

Receptacle ground orientation

BLANK	Up
DN	Down

Device color

V	Ivory
W	White
R	Red
LA	Light almond

Tamper resistant

BLANK	Non-tamper resistant
TR	Tamper resistant

Device type

D	Duplex receptacle
U	Duplex receptacle/USB
SP	Single pole
G	GFCI
3W	Three way switch

Device amperage

15	15A
20	20A

Device style

BLANK	Standard
D	Decora

Mud ring depth and gang

50	TP484 ½" raised 1 gang
58	TP489 ⅝" raised 1 gang
75	TP486 ¾" raised 1 gang
100	TP488 1" raised 1 gang
125	TP490 1¼" raised 1 gang
250	TP498 ½" raised 2 gang
258	TP499 ⅝" raised 2 gang
275	TP500 ¾" raised 2 gang
2100	TP502 1" raised 2 gang
2125	TP501 1¼" raised 2 gang
AR	AMR1 adj ¾" to 1-½" raised, 1 gang
AR58	AMR158 adj ⅝" to 1-¼" raised, 1 gang
2AR	AMR2 adj ⅝" to 1-½" raised, 2 gang
3AR	AMR3 adj ¾" to 1-½" raised, 3 gang

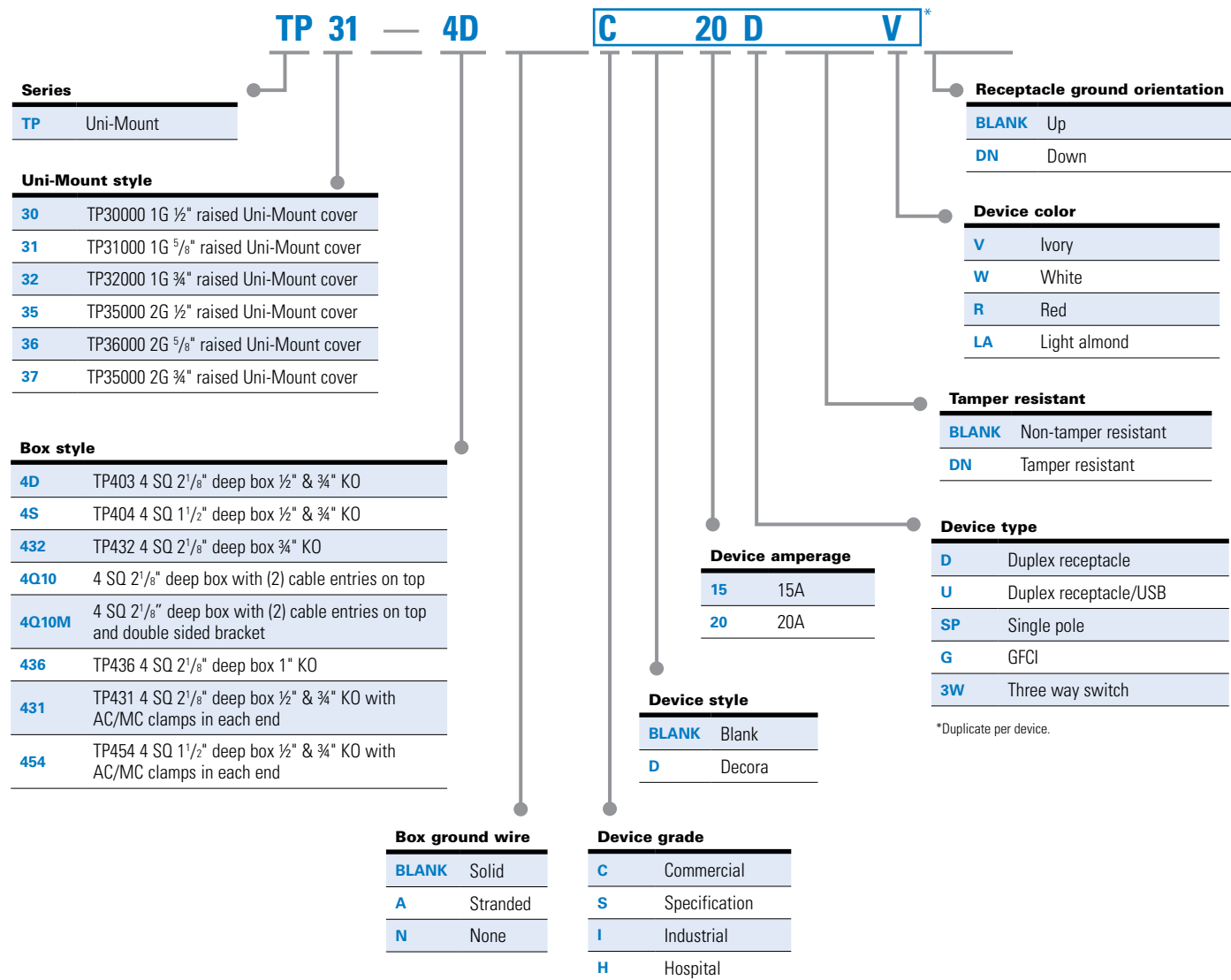
*Duplicate per device.

†Position 2 and 3 are only added for multi-mount or open mount assemblies. Insert a space, replace "X" and repeats steps 3-11 for additional boxes on assembly. If 1st or 2nd positions are blank, then insert "X" and use steps 3-11 in position where box is required.

If no device is required, catalog number is complete after mud ring step.

Catalog number reflects 4" mud rings. For 4-11/16" mud rings, see page 31.

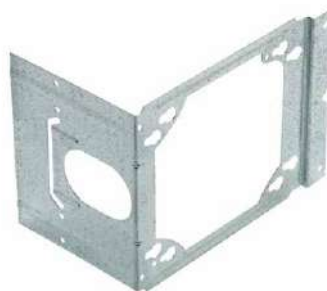
TP31-4DC20DV



27

Listing key:

Designation for
Ruff-IN assembly
part number



Component
catalog
number

H3 - BB423

Brackets

H3 - BB423



3DS - BB73



16TS - BB216TS



24B0 - BB724



H4 - BB44



4DS - BB74



24TS - BB224TS



BH24 - BA50



H6 - BB46



6DS - BB76



3MM - BB816



30 - TP3000



TA - BBA



THFA - BBT-HF



4MM - BB824



18FM - BBF18



TA4 - BBA-4



TWFA - BBT-WF



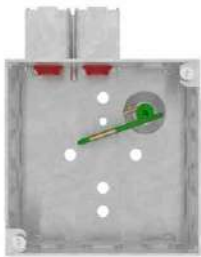
16B0 - BB716



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

Listing key:

Designation for
Ruff-IN assembly
part number



Component
catalog
number

4Q10 - TP4Q10PF

Boxes

4D - TP403



4Q10M - TP4Q10MPF



5D - TP525



278 - TP278



4S - TP404



5Q20 - TP5Q20



560 - TP560



292 - TP292



432 - TP432



436 - TP436



562 - TP562



4Q10 - TP4Q10PF



431 - TP431



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

Listing key:

Designation for
Ruff-IN assembly
part number



Component
catalog
number

AR - AMR1

Mud rings - 4" boxes

50 - TP484



125 - TP490



2100 - TP502



AR - AMR1



58 - TP489



250 - TP498



2125 - TP501



AR - AMR158



75 - TP486



258 - TP499



2AR - AR2



100 - TP488



275 - TP500



Listing key:

Designation for
Ruff-IN assembly
part number



Component
catalog
number

50 - TP574

Mud rings - 4¹¹/₁₆" boxes

50 - TP574



125 - TP582



275 - TP586



AR - AMR51



58 - TP576



250 - TP583



2100 - TP589



2AR - AMR52



75 - TP579



258 - TP587



2125 - TP593



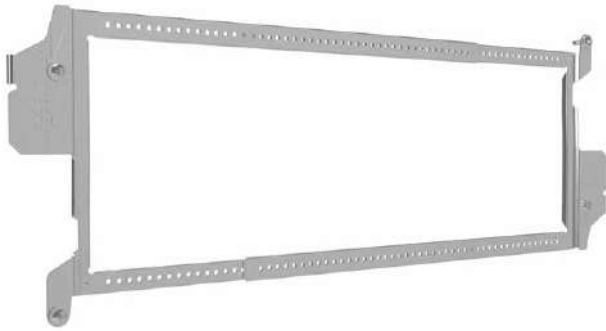
100 - TP578



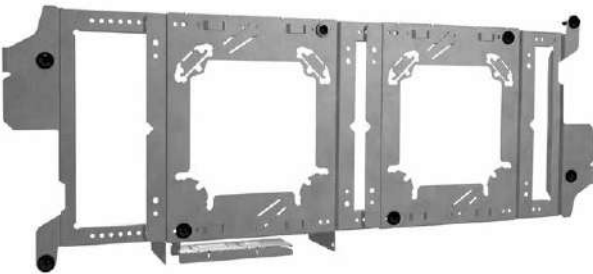
*Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.*

Notes

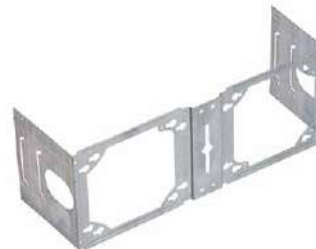
[illegible]



From brackets to fasteners, our innovative, time-saving wall stud solutions get you out of the wall faster.

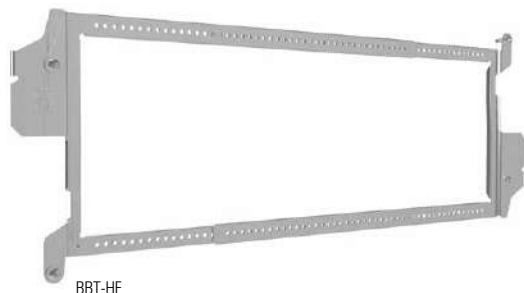


Wall Studs

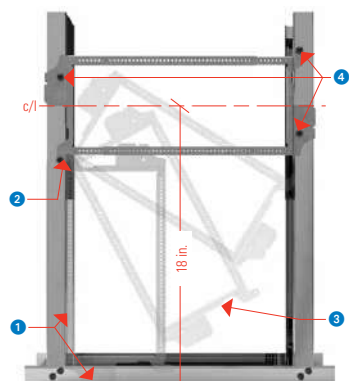


*Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.*

Telescoping Bracket



Telescoping bracket with BBA-4 and BBA added.



- 1 With bracket fully collapsed, align next to stud with right side at the floor.
- 2 Install sheet metal screw into pivot point.
- 3 Rotate bracket around the installed screw at the pivot point.
- 4 Expand bracket, snap to stud and affix with screws. Center line will be 18" AFF.

With an auto-height adjustment, the rigid BBT-HF telescoping bracket is quick and easy to install. Simply slide the bracket to the width required and snap both ends of the bracket to the stud and secure with screws.

- Easily adjust to accommodate stud widths of 14 1/2" thru 25"; a secure fit at all stud spacings.
- Bracket includes an auto height adjustment feature.
- Self-leveling when snapped onto stud; no need for additional leveling tools.
- Easy to identify center line on both sides of the bracket.
- Snap on feature works on 1 1/4" thru 1 3/8" inch width studs.
- For studs wider than 1 3/8" utilize the BBT-WF.
- Designed to mount boxes at the exact height on either side of the stud without overlap of adjacent brackets.
- Continuous hole pattern allows for positioning of the box mounting bracket anywhere along the length of the bracket.
- UL Listed for U.S. and Canada; CSA certified.

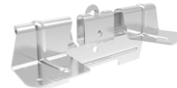
Patent pending (all parts).

UPC/Part number	Catalog #	Description	Stud spacing	Box Qty.
79903882319	BBT-HF	Telescoping box bracket	14 1/2" - 25"	25
79903882766	BBT-WF	Telescoping box bracket for wide flange studs	14 1/2" - 25"	25
79903885068	BBT-16	Telescoping box bracket	9 1/4" - 16 1/2"	25

Ceiling Clips for BBT brackets

Can be used with BBT-WF. See above.

For complete ceiling clip information, see page 22.



Box Mounting Brackets

The BBA box mounting bracket and the BBA-4 box mounting bracket with support flange snap easily onto the BBT-HF telescoping bracket.



- Marty Mouse™ ears retain the box when plaster ring is removed.
- Rabbit Ears™ to attach a plaster ring for data devices without using a box.
- Accepts 4", 4 1/16" and 5" square box sizes.
- Built-in, snap off back support extension for studs from 2.5" to 6" .
- Option to daisy chain brackets together in a stud cavity; two brackets mount to the same side of the stud.
- Works with standard or adjustable mud rings.
- Use with BBT-HF or directly to stud.
- UL Listed for U.S. and Canada; CSA certified.

Patent pending (all parts).

UPC/Part number	Catalog #	Description	Stud depth	Box Qty.
79903882321	BBA	Box mounting bracket	—	25
79903882767	BBA-2	Box mounting bracket with back side support	2 1/2"	25
79903882320	BBA-4	Box mounting bracket with back side support	2 1/2" - 6"	25
79903885084	BBA-MG	Box mounting bracket for multi-gang and 4 1/16" boxes	2 1/2" - 3 5/8"	25

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

Hands-free box brackets



BB5 - Hands Free Boxes - both sides of stud.



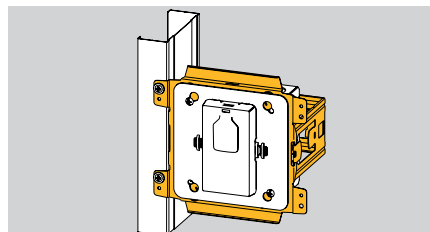
BB5 - Hands Free Boxes - piggybacked.

- Hands-free - A simple push and the bracket holds itself on the stud until secured with a screw.
- Marty Mouse™ ear feature prevents the box from falling off of the bracket when mud ring is removed.
- Accepts 4" 4¹¹/₁₆", and 5" boxes.
- Built-in, snap-off back-side support extension for wall stud depths up to 6".
- Rabbit ear™ feature - attach a plaster ring for data devices without using a box.

UPC/Part number	Catalog number	Description	Stud depth	Box Qty.
79903880534	BB5-HF	Box mounting bracket	2½" - 6"	25

Patent pending

Box Support Brackets



- Interlocking wrap-around design provides extra rigidity.
- Supports most standard 1-gang and 2-gang U.S. and Canadian boxes and/or plaster rings 4" SQ., 4¹¹/₁₆" SQ., and 5" SQ. on either side of the stud.
- Adjustable for varying stud depths (2½" to 6").
- Compatible with adjustable plaster rings.
- Integral mounting tabs for attaching plaster rings.
- Multiple brackets may be ganged together.
- Contact factory for prefabricated box assemblies.
- Finish: Pre-galvanized.



Can be used with BBFS-18 (floor stand) See page 19.



BB70

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

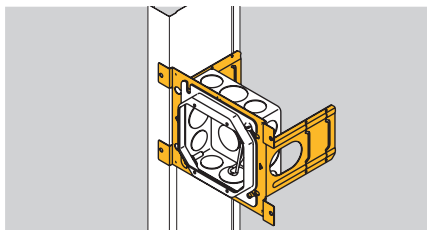
UPC/Part number	Catalog number	Metal stud size	Box Qty.
79903856399	BB70	2½" - 4"	50
79903856400	BB70E*	5½" - 6"	50

* Must be used with BB70.

Bend For Various Depths

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

Double-Sided Box Support Bracket with Marty-Mouse Ears



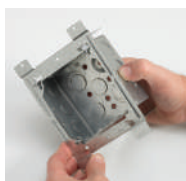
- Double-side box support, designed for prefabrication. Unit can be installed on either side of stud without repositioning box or devices.
- Patented Marty Mouse™ ears feature an innovative keyhole pattern to secure outlet box to bracket with or without the plaster ring.
- Wider box opening accommodates one or two gang adjustable plaster rings (AMR158 & AMR2).
- Enhanced far-side support stands up during drywall installation and out performs competitor brackets.
- Contact factory for prefabricated box assemblies.
- Finish: Pre-galvanized.

UPC/Part number	Catalog number	Stud size	Box Qty.
78205138645	BB73	3 ⁵ / ₈ " , 2 ¹ / ₂ "	50
78205138717	BB74	4" , 3 ⁵ / ₈ " , 2 ¹ / ₂ "	50
78205138759	BB76	6" , 5 ¹ / ₂ " , 3 ⁵ / ₈ " , 2 ¹ / ₂ "	25

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



2. Insert box screws into open slots



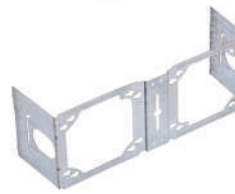
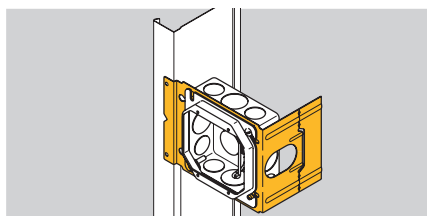
3. When plaster ring is installed, the ear tabs are bent down into the closed position



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



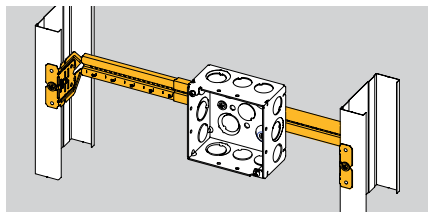
Box Support Brackets



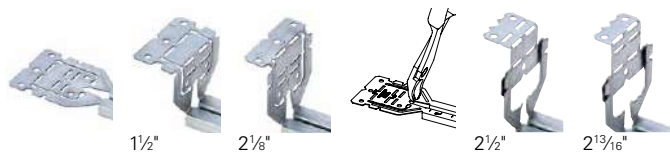
- Improved far-side support stands up during drywall installation.
- Supports 4" or 4¹/₁₆" square boxes.
- Brackets may be piggy-backed in series.
- Finish: Pre-Galvanized.
- Contact factory for pre-fab box assemblies.

UPC/Part number	Catalog number	Metal stud size	Box qty.
78101118190	BB4-23	3 ⁵ / ₈ " , 2 ¹ / ₂ "	100
78101118200	BB4-4	4" , 3 ⁵ / ₈ " , 2 ¹ / ₂ "	100
78101118202	BB4-6	6" , 5 ¹ / ₂ " , 3 ⁵ / ₈ " , 2 ¹ / ₂ "	100
79903848375	BB4-23D	3 ⁵ / ₈ " , 2 ¹ / ₂ "	50
79903848376	BB4-4D	4" , 3 ⁵ / ₈ " , 2 ¹ / ₂ "	50
79903848377	BB4-6D	6" , 5 ¹ / ₂ " , 3 ⁵ / ₈ " , 2 ¹ / ₂ "	50

Telescoping Box Mounting Bracket



BB2-24T



1 1/2"

2 1/8"

2 1/2"

2 13/16"

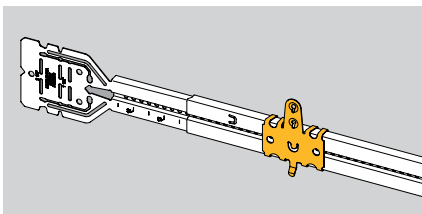


- Completely adjustable, fits a range of stud spacings.
- Mounts 1 1/2", 2 1/8", 2 1/2", and 2 13/16" deep boxes.
- Increased rigidity through center groove design.
- Only two screws required to mount for 1 1/2" and 2 1/8" box depths.
- Pre-punched screw holes provide for easy box installation.
- Bar is marked with scale for stud spacing.
- Finish: Pre-galvanized.

UPC/Part number	Catalog number	Metal stud size	Box Qty.
79903863001	BB2-16T	11" to 18"	50
79903863002	BB2-24T	15 1/2" to 26"	50

Patent pending.

Box Mounting Clip



- Allows for prefabrication 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 prefabricated box assemblies.



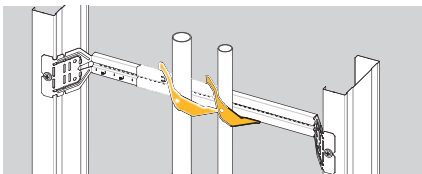
BB2TSC

UPC/Part number	Catalog number	Stud spacing	Box Qty.
79903863003	BB2TSC	Box mounting clip	100

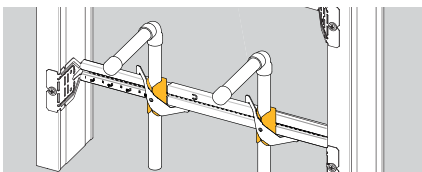
Patent pending

Read safety/installation instruction sheets in packages before use.

Box Mounting Accessories



BB2TPC



BB2TCT

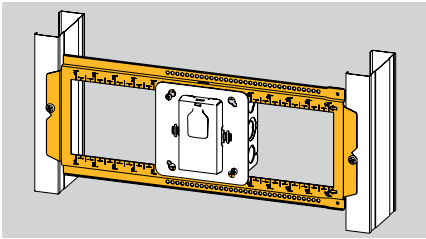
- Pipe/conduit clamps require no hardware to install and help provide support anywhere between the stud.
- Copper pipe insulator sleeves help provide protection of differing metals.

UPC/Part number	Catalog number	Description	Box Qty.
79903863004	BB2TPC-038	Pipe/conduit clamp 3/8"	100
79903863005	BB2TPC-050	Pipe/conduit clamp 1/2"	100
79903863006	BB2TPC-075	Pipe/conduit clamp 3/4"	100
79903863007	BB2TPC-100	Pipe/conduit clamp 1"	100
79903863013	BB2TCT-050	Copper pipe insulator sleeve 1/2"	100
79903863015	BB2TCT-075	Copper pipe insulator sleeve 3/4"	100
79903863016	BB2TCT-100	Copper pipe insulator sleeve 1"	100

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

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

Open Box Mounting Bracket



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

Can be used with BBFS-18 (floor stand) See page 19.

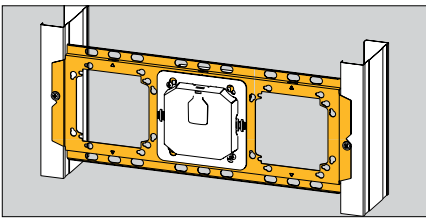
- Open box support allows for adjustability of box position between studs.
- Supports most U.S. and Canadian boxes and/or plaster rings 4" SQ., 4¹¹/₁₆" SQ., 5" SQ., and multi-gang boxes.
- Fits up to 1½" wide studs 16" to 24" on center.
- Compatible with adjustable plaster rings.
- Field cut to adjust 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 prefabricated box assemblies.
- Finish: Pre-galvanized.



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



Box Mounting Bracket



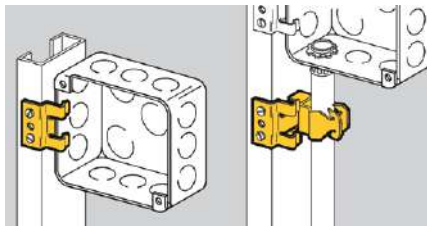
BB8-24

- Increased strength and rigidity to help withstand the stress of drywall installation.
- Supports most U.S. and Canadian boxes and plaster rings 4" SQ. and 4¹¹/₁₆" SQ.
- Compatible with adjustable plaster rings.
- Contact factory for prefabricated box assemblies.
- Finish: Pre-galvanized.

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.

Box-to-Stud Fastener



- Attaches with screws to metal studs.
- BB1 supports electrical box.

UPC/Part number	Catalog number	Description	Box Qty.
78101118145	BB1	Electrical box support clip	100

Guide-Rite Conduit-to-Stud Fastener



BG-6-B1



- Attaches with screws to metal studs.
- BG series features Guide-Rite™ design.

UPC/Part number	Catalog number	Conduit size EMT & rigid	Box Qty.
78101118420	BG-6-B1 *	3/8"	100
78101118475	BG-8-12-B1	1/2", 3/4"	100
78101118555	BG-16-B1	1"	100

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

Push Type Conduit-to-Stud Fastener

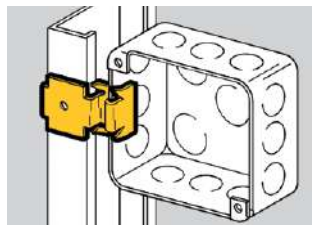


BP-8-B1

- Attaches with screws to metal studs.
- BP series features push-type design.

UPC/Part number	Catalog number	Conduit size	Box Qty.
78101119245	BP-8-B1	1/2" EMT	100
78101119345	BP-12-B1	3/4" EMT, 1/2" IMC/ Rigid	100
78101119440	BP-16-B1	1" EMT, 3/4" IMC/ Rigid	100

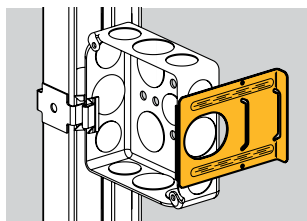
Box-to-Stud Fastener



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

UPC/Part number	Catalog number	Description	Box Qty.
78101118270	BB9	Electrical box support	100

Adjustable Box Stabilizers

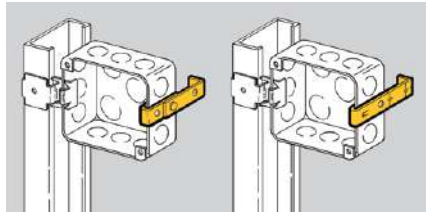


- Provides far-side support for electrical boxes in 2 1/2" thru 6" studs.
- Cut outs facilitate bending to provide precise installation with greater stability.
- Easily snaps onto box side and is secured in place by plaster ring.

UPC/Part number	Catalog number	Metal stud size	Box Qty.
78101192876	BB12	2 1/2" 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.

Box Stabilizer

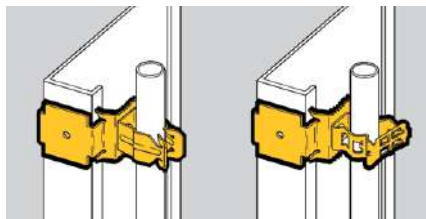


- Provides far-side support for electrical boxes.
- See BB12 Series (page 39) for a better solution.

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



Guide-Rite Conduit-to-Stud Fastener



- Attaches conduit to most metal studs.
- BG Series features Guide-Rite™ design.

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

* BG-6 will accept the following range Ø.420 - Ø.675:
14/2 thru 10/4 MC/AC cable and ⅝" or ¾" flexible conduit



Push Type Conduit-to-Stud Fastener

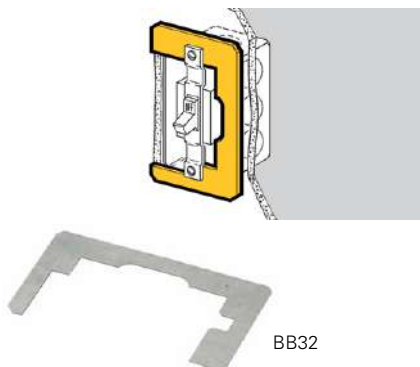


- Attaches conduit to most metal studs.
- BP Series feature push-type design.

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

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

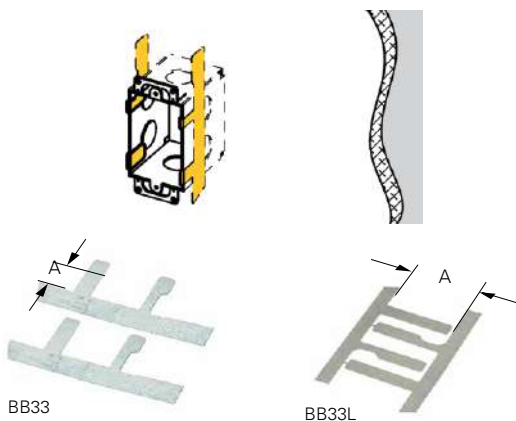
Retainer Leveler



- 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

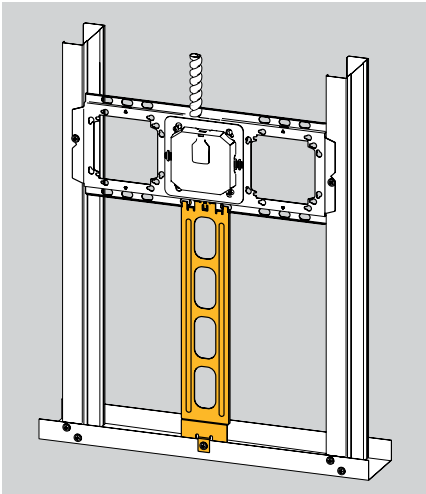
Box Support



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

UPC/Part number	Catalog number	Description	Length A	Box qty.
78101101138	BB33	Box support	1½"	100
78101104936	BB33L	Long leg box support	2½"	100

Box Mounting Bracket Accessories

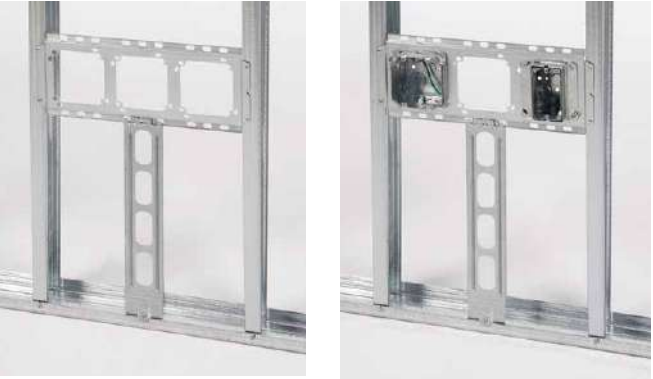


BBFS-18

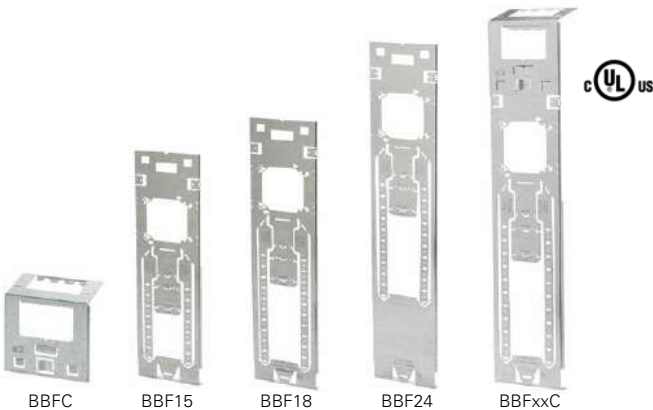
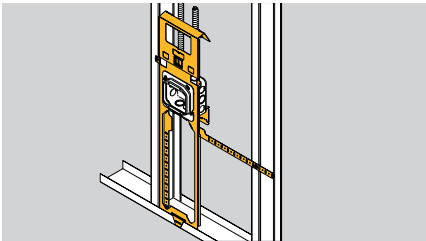
- Bracket accessories require no tools to install.
- BBFS-18 floor stand ensures consistent box height and eliminates need to measure for proper install height.
- Can be used with BB7 (page 18) and BB8 (page 18) brackets.
- Finish: Pre-galvanized.

UPC/Part number	Catalog number	Description	Box Qty.
79903851597	BBFS-18	Floor stand	25

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



Floor-Mount Box Support

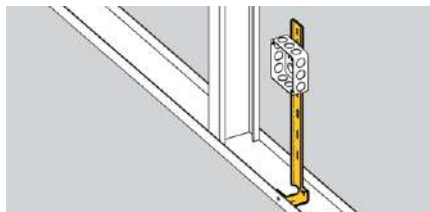


- BBF floorstand provides the most rigid support in the industry.
- Far-side support accommodates 6", 5½", 3⅝", and 2½" stud depths.
- Fold-out tab built-in to attach floor stand to stud if desired.
- Integral "wings" provide rigid support when floorstand is mounted between studs.
- Optional cable containment 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 prefabricated box assemblies.

UPC/Part number	Catalog number	Box center height	Box Qty.
78205152944	BBF15	15" Floorstand	25
78205152945	BBF18	18" Floorstand	
78205152946	BBF24	24" Floorstand	25
78205152947	BBFC	Cable containment clip	25
78205152948	BBF15C	15" Floorstand with cable containment clip	25
78205152949	BBF18C	18" Floorstand with cable containment clip	25
78205152950	BBF24C	24" Floorstand with cable containment clip	25

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

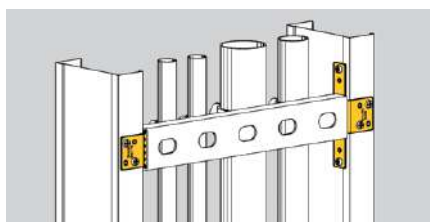
Floor Mounted Box Support



- See BBF series (page 19) 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

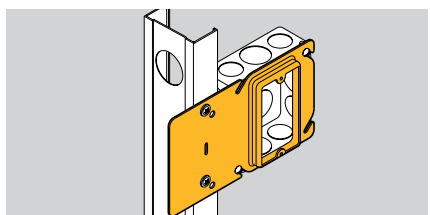
Strut Mounting Brackets



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

UPC/Part number	Catalog number	Description	Box Qty.
78101101658	BMB1	Strut mounting bracket	25 pr.

Uni-Mount Box Support/Cover Plate Mounting Bracket



Single Gang BB40 Series

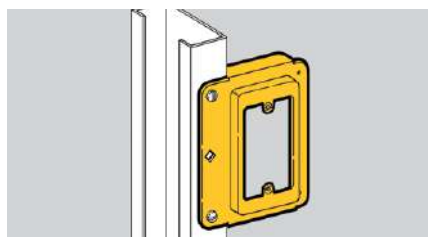
Double Gang BB45 Series



- 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 prefabricated box assemblies.
- Finish: Pre-galvanized.

UPC/Part number	Catalog number	Description	Box Qty.
78205122768	BB40-08	1 $\frac{1}{2}$ " Raise	50
78205122771	BB40-10	5 $\frac{5}{8}$ " Raise	50
78205122772	BB40-12	3 $\frac{3}{4}$ " Raise	50
78205122773	BB45-08	1 $\frac{1}{2}$ " Raise	50
78205122774	BB45-10	5 $\frac{5}{8}$ " Raise	50
78205122775	BB45-12	3 $\frac{3}{4}$ " Raise	50

Cover Plate Mounting Bracket

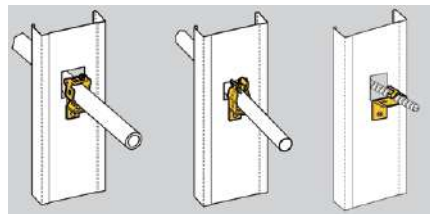


- Provides attachment base for low voltage outlets.
- Replaces electrical box in Class 2 low voltage installations.
- Can be piggy-backed.
- For 1 $\frac{1}{2}$ " and 5 $\frac{5}{8}$ " drywall applications.
- Finish: Pre-galvanized.

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.

Conduit/Cable Supports



BX4-H7



BG-x-H7



BP-x-H7
(Not UL)



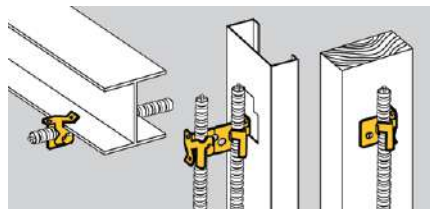
BX4M-H7
(Not UL)

- 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.

UPC/Part number	Catalog number	Conduit/cable size	Box Qty.
78101101228	BG-6-H7*	3/8", MC, AC, or FMC	100
78101110238	BG-8-12-H7	1/2" or 3/4" EMT	100
78101101227	BP-8-H7	1/2" EMT	100
78101101226	BP-12-H7	3/4" EMT, 1/2" 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 3/8" flexible conduit.

Flexible Conduit/Cable Fasteners



BX4



BX4M

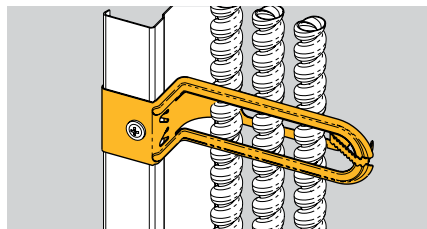


BX4MD

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

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

Cable Support



BRCJ

- One-piece design ensures cables are positioned 1/4" from the face of the stud.
- Push mounted for stud positioning.
- Securely attaches to stud using only 1 screw.
- 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	1 1/4"	50
79903843762	BRC6M-1	All	50

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

- Ensures cables are positioned 1/4" from the face of the stud.



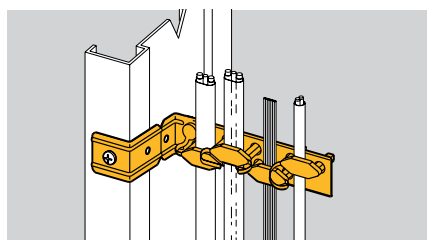
UPC/Part number	Catalog number	Stud size	Box Qty.
79903862843	BRCJ	All	100

Cable capacity

Cable type	Cable size	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

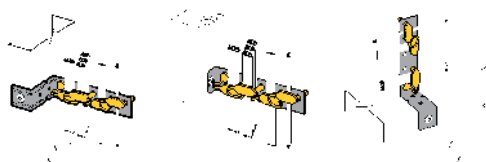
The quantity of cables shown in the chart is the maximum. Fewer cables can be supported. Diameters are based on data from a leading cable manufacturer (may vary slightly). Diameters of some NM cables refer to the widest dimension of a flat cable. NA = Not applicable.

Staple-Lok Multi-Purpose Cable Support



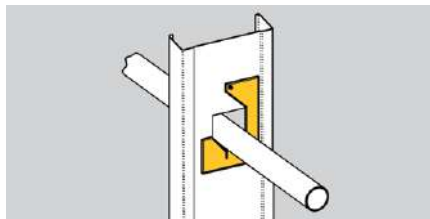
- Individual plastic staples grip cable and reduce slipping.
- Secures up through #10 type NM cable.
- Supports AC, MC or FMC cable up to 1/2" O.D.
- Staple-Lok™ break-apart feature allows installation on studs and furring strips.
- Allows cables to be positioned a minimum of 1/4" from face of stud as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

UPC/Part number	Catalog number	Cable size	Box Qty.
78101103587	BRC4	Up to .500" O.D.	100



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

Conduit/Cable Supports

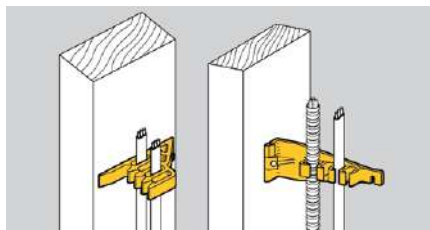


- Allows conduit, MC, AC, or FMC to be pulled through metal studs.
- Provides support for horizontal runs of conduit or cable through metal stud.
- Prevents rattling of conduit/cable.
- Finish: Pre-galvanized.



UPC/Part number	Catalog number	Conduit/cable size	Box Qty.
78101101657	BX82	Up to 1"	100

Cable Fasteners



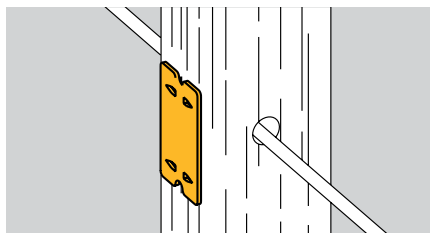
BRC1

BRC2

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

UPC/Part number	Catalog number	Conduit/cable size	Box Qty.
78101102941	BRC1	Wood stud cable fastener	50
78101102942	BRC2	Furring strip cable fastener	50

Nail Plates for Wood Studs

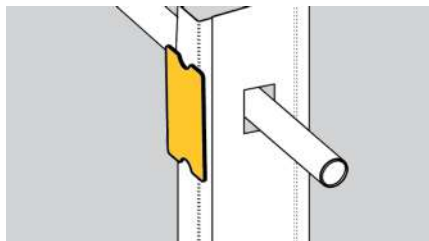


- Protects cable, plastic pipe and copper tubing from screw or nail penetration.
- Easily installed with a hammer.
- Complies with NEC Article 300-4.

UPC/Part number	Catalog number	Conduit/cable size	Box Qty.
78101104927	BM3	Nail plate	100

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

Nail Plates for Metal Studs

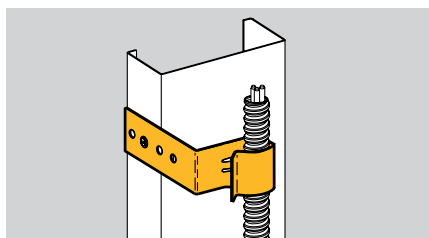


Just peel tape and stick to stud.

- 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.

UPC/Part number	Catalog number	Conduit/cable size	Box Qty.
78101126251	BM3M	Nail plate	100

Conduit Support



BB38

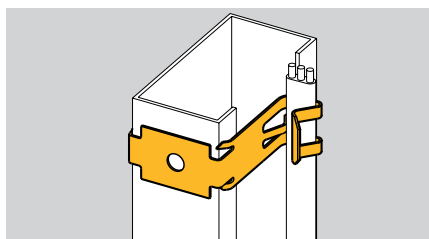
BB38D

- Larger capacity: Redesigned BB38D attaches 1/2" to 1" EMT or MC/AC or flexible conduit to metal or wood studs.
- BB38/ BB38D attaches MC/AC cable, 1/2" & 3/4" EMT to metal or wood studs.
- Eliminates the need for offset bending of conduit.
- Aligns conduit with standard box knockouts.
- Allows cables to be positioned a min. of 1/4" from stud face, as required by NEC Article 300.4(D).



UPC/Part number	Catalog number	Box depth	Box Qty.
78101104265	BB38	1 1/2"	100
78101195244	BB38D	2 1/8"	100

Flexible Conduit/Cable Fasteners



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

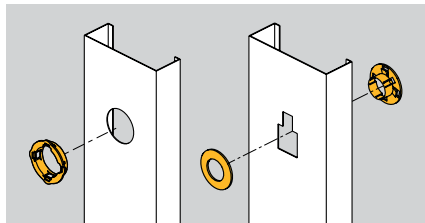


UPC/Part number	Catalog number	Box depth	Box Qty.
78101119755	BX5	Secures flexible conduit or cable to metal or wood studs	100

† 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

BM2



- BM1 snaps into standard 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).

UPC/Part number	Catalog number	Description	Box Qty.
78101119100	BM1	Plastic grommet	100
78101119102	BM1M	Plastic grommet (bulk quantity)	1000
78101104926	BM2	Universal plastic grommet	100

Adjustable Plaster Rings



AMR2

AMR3



AMR0

AMR158



- Adjustable plaster ring can be used with 4" square, 2¹/₈" 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.
11842340	AMR158	One device adjustable ring	5/8" - 1 1/4"	25
11838358	AMR1	One device adjustable ring	3/4" - 1 1/2"	25
11838370	AMR2	Two device adjustable ring	5/8" - 1 1/2"	25
11842341	AMR3	Three device adjustable ring	3/4" - 1 1/2"	25
12164083	AMR0	Round device adjustable ring	3/4" - 1 1/2"	25

Mounting Screws



BWHS-9

BWHS-9D

UPC/Part number	Catalog number	Description	Box Qty.
78101101675	BWHS-9	#8 x 3/16" sheet metal screw	1000
78101104925	BWHS-9D	#8 x 3/16" 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.

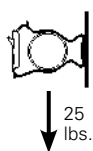
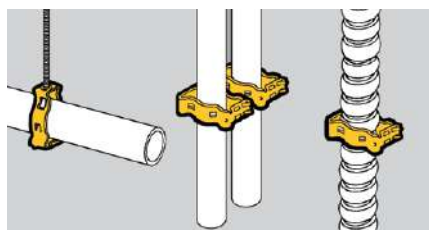


Designed for ease of installation, long service life and reliable performance, B-Line series conduit and cable support fasteners provide the ideal choice for a wide range of electrical applications.

Cable support fasteners are used to support metal clad cables (MC), armored cables (AC), non-metallic cables and flexible conduit in new or retrofit commercial construction. These rigid cable support fasteners are used when supporting cable on metal or wood wall studs, wire, purlins and more.



Guide-Rite Conduit Fasteners



**Static
Load
Capacity**



Clearance Hole
For 1/4" Bolt



4T Suffix 1/4"-20
Thread Impression

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

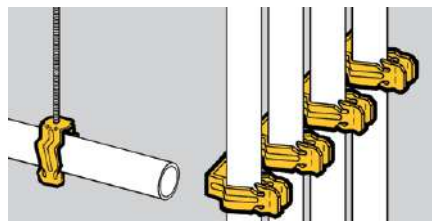
UPC/Part number	Catalog number	Conduit size EMT & rigid	Box Qty.
78101118350	BG-6*	3/8"	100
78101118355	BG-8-12	1/2", 3/4"	100
78101118360	BG-16	1"	100
78101118365	BG-20	1 1/4"	100
78101118360	BG-24	1 1/2"	100
78101118375	BG-32	2"	100

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

* 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.

Push-Type Conduit Fasteners



Clearance Hole For 1/4" Bolt



1/4"-20 Thread Impression

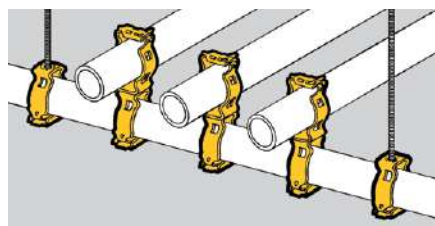
Note: Use -4T suffix 1/4"-20 thread impression

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

UPC/Part number	Catalog number	Conduit size	Box Qty.
78101119200	BP-8	1/2" EMT	100
78101119205	BP-12	3/4" EMT, 1/2" IMC/ Rigid	100
78101119210	BP-16	1" EMT, 3/4" IMC/ Rigid	100

UPC/Part number	Catalog number	Conduit size	Box Qty.
78101119215	BP-8-4T	1/2" EMT	100
78101119220	BP-12-4T	3/4" EMT, 1/2" IMC/ Rigid	100
78101119225	BP-16-4T	1" EMT, 3/4" IMC/ Rigid	100

Guide-Rite Conduit Trapeze Fasteners



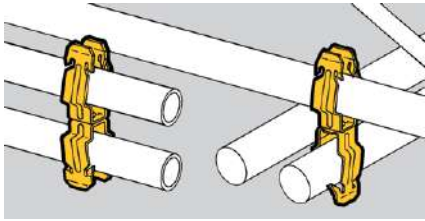
BG-16-G-6

- For use with 3/8" to 2" conduit.
- Guide-Rite™ fastener provides for fast and easy installation with pliers.
- Note: Total load of trapeze must not exceed 100 lbs.

UPC/Part number	Catalog number	Conduit To 1" Trapeze	Box Qty.
78101118615	BG-16-G-6*	3/8"	100
78101118620	BG-16-G-8-12	1/2", 3/4"	100
78101118595	BG-16-G-16	1"	100
78101118600	BG-16-G-20	1 1/4"	50
78101118605	BG-16-G-24	1 1/2"	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 3/8" flexible conduit.

Push-Type Conduit-to-Conduit Fasteners



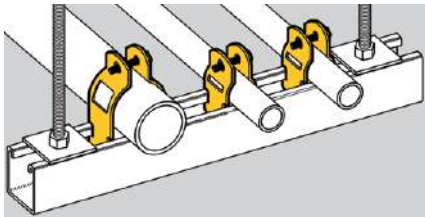
BP-8-P-8

- An ideal spacer between conduits.
- No installation tools required.
- Ultimate Static Load Capacity: 25 lbs.

UPC/Part number	Catalog number	Conduit Size	Box Qty.
78101118615	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).

Break-Apart Conduit Clamps

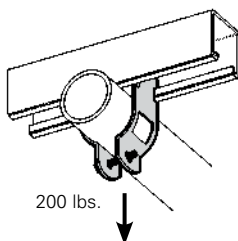


BPC-8 thru BPC-32



BPC-40 thru BPC-64

Static Load Capacity



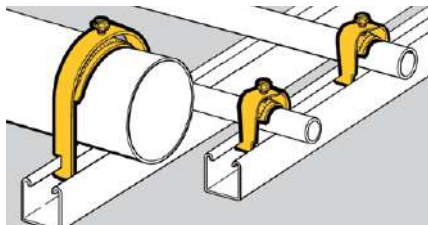
- Patented Multi-grip design fits Rigid, IMC or EMT conduit.
- Convenient break-apart clamp features retained bolt and ⅝" thread impression to eliminate handling of nuts and bolts.
- Finish: Pre-galvanized.
- Static Load Capacity: 200 lbs.
- Recommended torque: 35 in-lbs.



UPC/Part number	Catalog number	Conduit size EMT & rigid	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

Read safety/installation instruction sheets in packages before use.

Conduit/Cable Clamps



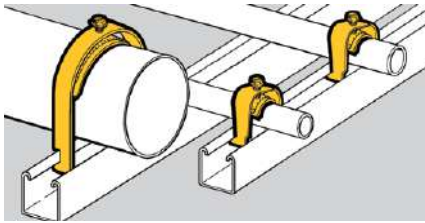
- One-piece assembled product.
- Easy removal without disconnecting adjacent clamps.
- Secure cables easily with protective saddle, preventing damage to conduit or cable.
- One-hand installation.
- Clamp works on equal trade sizes for both EMT and rigid conduit.
- Attaches to cable tray rungs and strut profiles; securing conduit, flexible conduit and cable to cable tray or strut.
- Finish: Pre-galvanized, stainless steel 316.



UPC/Part number	Catalog number	Conduit size EMT & rigid	OD Range Inches		Static Load Cap. lbs.	Box Qty.
			Min	Max		
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						
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.

Conduit Strut Clamps



- Attaches conduit, flexible conduit or cables to standard strut channels.
- B1506S designed to secure and support MC/AC cables.
- 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..



B1508
thru
B1520



B1506S
thru
B1524S

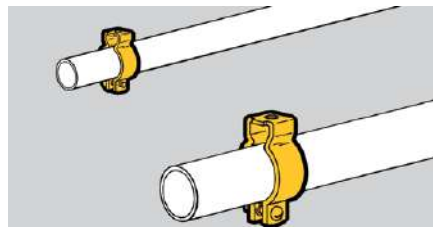


B1532S
thru
B1564S

UPC/Part number	Catalog number	Conduit size		OD Range Inches		Static Load Cap. lbs.	Box Qty.
		EMT	Rigid	Min	Max		
78101163150	B1508	1/2"	—	—	—	200	100
78101163154	B1512	3/4"	1/2"	—	—	200	100
78101163157	B1516	1"	3/4"	—	—	200	100
78101163160	B1520	1 1/4"	1"	—	—	200	100
Note: Clamps without saddle are not recommended for flexible conduit or cable							
78205144495	B1506S*	3/8"	—	.400	.630	200	100
78101163164	B1508S	1/2"	—	.250	.680	200	100
78101163168	B1512S	3/4"	1/2"	.500	.840	200	100
78101163171	B1516S	1"	3/4"	.750	1.050	200	100
78101163177	B1520S	1 1/4"	1"	1.125	1.315	200	100
78101163182	B1524S	1 1/2"	1 1/4"	1.375	1.660	350	50
78101163188	B1532S	2"	1 1/2"	1.875	2.200	400	50
78101163193	B1534S	—	2"	2.125	2.375	400	25
78101163199	B1540S	2 1/2"	2 1/2"	2.625	2.875	400	25
78101163205	B1548S	3"	3"	3.250	3.500	400	25
78101163211	B1556S	3 1/2"	3 1/2"	3.750	4.000	400	10
78101163215	B1564S	4"	4"	4.250	4.500	400	10

* 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

Conduit Hangers



With Retained Bolt and Thread Impression



With Bolt and Nut

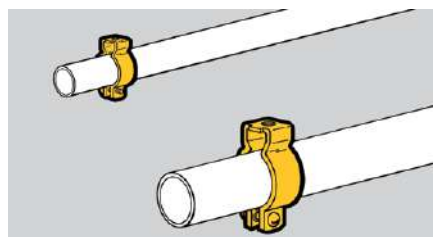
- For use with 1/2" thru 4" Conduit.
- Now available in Dura-Copper™ finish - add DCU to part number.
- Finish: Zinc-plated.

UPC/Part number	Catalog number	Trade Size	Conduit size		Box Qty.	Design Load Lbs.
			EMT	Rigid		
78101119800	BL1400*	0	1/2"	1/2"	100	50
78101119801	BL1410*	1	3/4"	3/4"	100	50
78101119802	BL1420*	2	1"	1"	100	60

UPC/Part number	Catalog number	Trade Size	Conduit size		Box Qty.	Design Load Lbs.
			EMT	Rigid		
78101119803	BL1425†	2.5	1 1/4"	—	100	75
78101119804	BL1430†	3	1 1/2"	1 1/4"	100	80
78101119805	BL1440#	4	—	1 1/2"	50	80
78101119806	BL1450#	5	2"	2"	50	100
78101119807	BL1460#	6	2 1/2"	2 1/2"	25	125
78101119808	BL1470#	7	3"	3"	25	165
78101119809	BL1480#	8	3 1/2"	3 1/2"	10	200
78101119810	BL1490#	9	4"	4"	10	230

* 5/32" mounting hole. † 1/4" mounting hole. # 5/16" mounting hole.

Stainless Steel Conduit Hangers



With Bolt And Nut

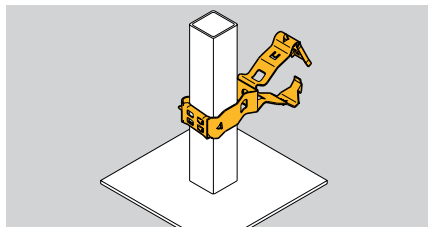
- For use with 1/2" thru 4" conduit.
- Static Load Capacity: 400 lbs.
- Material: Type 304 Stainless Steel.

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

* 5/32" mounting hole. † 1/32" mounting hole.

Read safety/installation instruction sheets in packages before use.

Guide-Rite Conduit-to-Pedestal Support



BG-8-12-G6

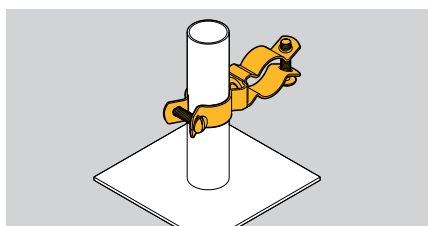


- Supports conduit from square computer floor pedestals.
- Guide-Rite™ fastener provides for fast and easy installation with pliers.
- Static Load Capacity: 25 lbs.

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", 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

* 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.

Conduit-to-Pedestal Support



BL1410-L1400

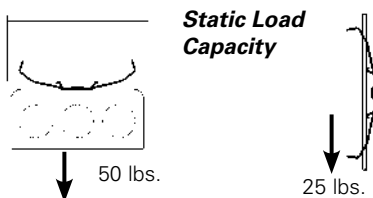
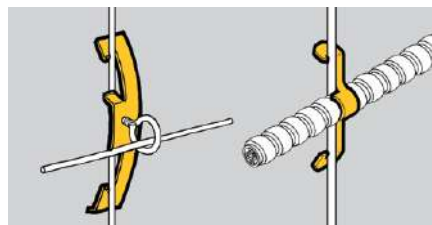


- Supports conduit from 1" O.D. computer floor pedestals.
- Static Load Capacity: 25 lbs.
- Finish: Zinc-plated. Also available in Type 304 Stainless Steel. Contact factory for details.

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

Read safety/installation instruction sheets in packages before use.

Rod & Wire Fasteners



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.

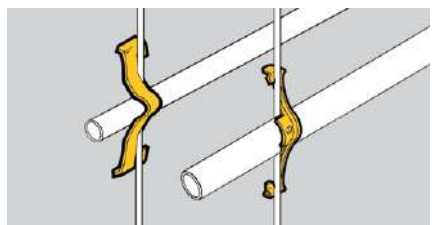
- BW2 and BW6 support #10-24 or 1/4"-20 threaded bridle rings and provide attachment for electrical boxes.
- BW2S & BW6S are provided with one each 1/4"-20 x 3/8" screw and hex nut.

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

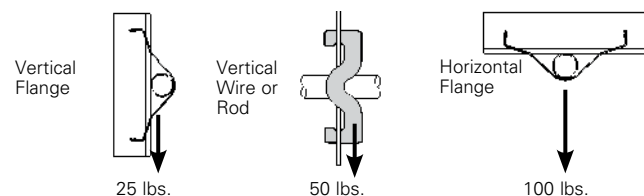
- BW4 supports cables from #12 thru #8 wire.

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

Rod & Wire Fasteners



Static Load Capacity



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

- Attaches conduit to wire rods or flanges.
- Can be used for flexible metallic tubing or armored cable.

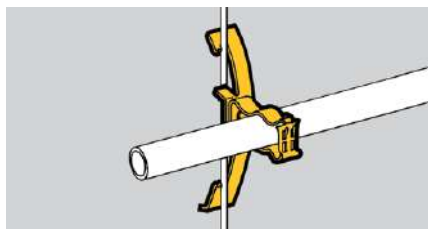
UPC/Part Number	Catalog Number	Box Qty.
78101119710	BW-8	100
78101119715	BW-12	100
78101119720	BW-16	100
78101119725	BW-20	100

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	—	—

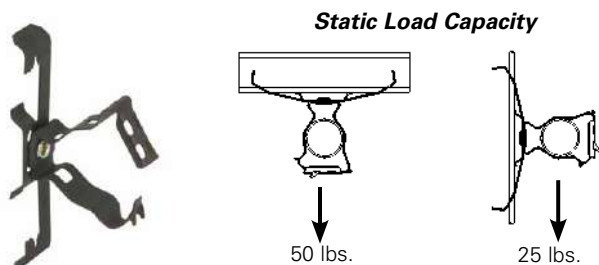
*Note: For horizontal applications only.

Read safety/installation instruction sheets in packages before use.

Guide-Rite Conduit-to-Rod Fasteners



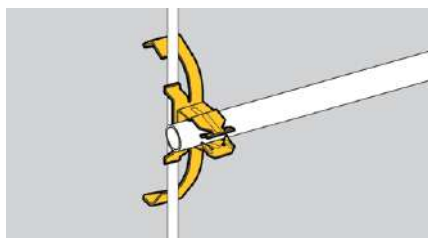
- Assemblies support 1/2", 3/4" and 1" conduit.
- W2 series attaches to 1/8" thru 3/8" flanges or #12 wire thru 1/4" plain or threaded rod.
- W6 series attaches to 3/8" thru 7/16" flanges or 3/8" plain or threaded rod.



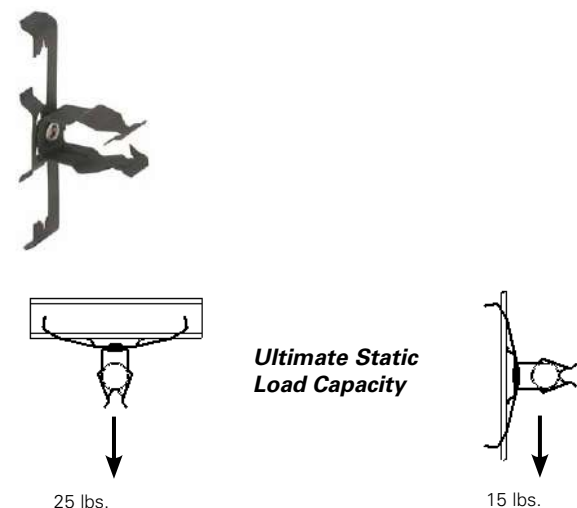
Static Load Capacity

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

Push-Type Conduit-to-Rod Fasteners



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

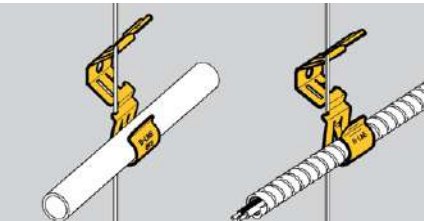


Ultimate Static Load Capacity

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101119325	BP-8-W2	1/2" EMT	100
78101119420	BP-12-W2	3/4" EMT or 1/2" IMC, Rigid	100
78101119505	BP-16-W2	1" EMT or 3/4" IMC, Rigid	100
78101195521	BP-8-W6	1/2" EMT	100
78101195522	BP-12-W6	3/4" EMT or 1/2" IMC, Rigid	100
78101195523	BP-16-W6	1" EMT or 3/4" IMC, Rigid	100

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

Flex-Rite Cable/Conduit-to-Wire Fasteners



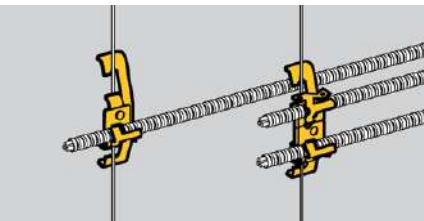
- Flex-Rite™ can be used in place of batwings.
- Will not bend or deform hanger wire.
- Attaches to #12 - #8 wire and ¼" plain rod.
- Accommodates MC, AC, ⅜" FMC or ½" EMT.
- Cable can be installed before or after attachment to wire.
- Static Load Capacity: BX-8 - 20 lbs.; BX-18 - 30 lbs.

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



BX-8

Cable-to-Rod Fasteners



- 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



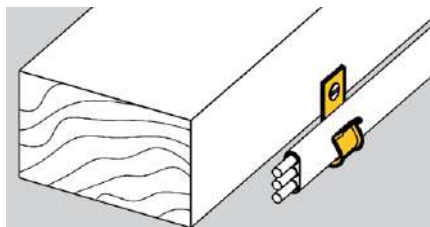
BX4-W2



BX4M-W2

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

Cable Fasteners



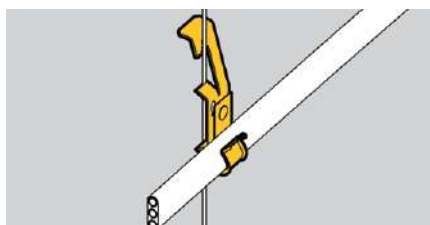
- Attaches Type NM cable to most structures.
- Supports cable sizes 14/2 and 12/2 with ground wire.
- May be used with other B-Line series fasteners for attachment to acoustical tees, beams, drop wires, etc.

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



BRC3

Cable Fasteners



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

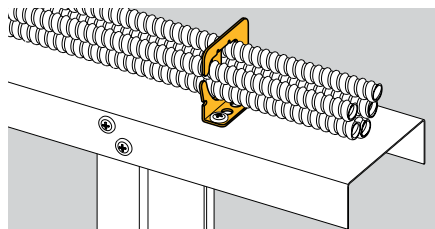
UPC/Part Number	Catalog Number	Description	Box Qty.
78101103547	BRC3-W2	Type NM Cable To Wire Fastener	100
78101195524	BRC3-W6	Type NM Cable To Wire Fastener	100



BRC3-W2

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

Multi-Run Cable Carrier for MC/AC Cable



BRC5-1



BRC5-2

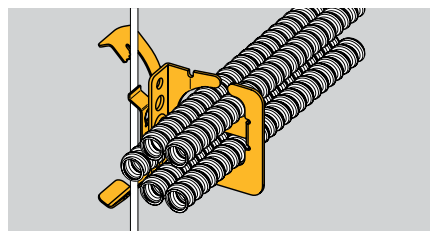


BRC5-3

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

UPC/Part Number	Catalog Number	Cable Diameter & Number Of Runs	Box Qty.
78205143593	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

Multi-Run Cable Carrier for MC/AC Cable



BRC51-W2

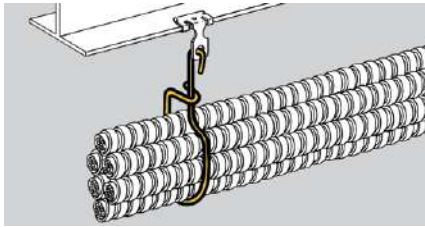
- Secures and supports multiple runs of MC/AC cable as required by the NEC.
- W2 Series attaches to 1/8" thru 3/8" flanges or #12 thru 1/4" plain or threaded rod.
- W6 Series attaches to 3/8" thru 7/16" flanges or 3/8" plain or threaded rod.
- Load Capacity: 50 lbs.
- Finish: Zinc-plated.

UPC/Part Number	Catalog Number	Cable Diameter & Number Of Runs	Box Qty.
78205144075	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.

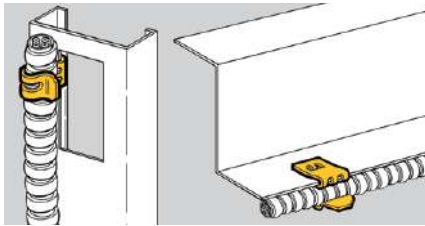
Flexible Cable Support



- 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.

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

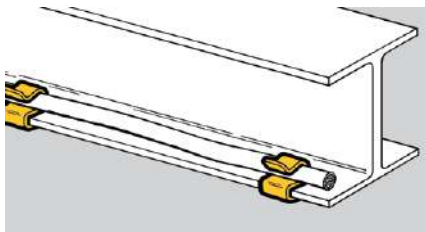
Flexible Conduit/Cable Fasteners



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

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

Flexible Conduit/Cable Fasteners



- Secures cable along flanges $\frac{1}{16}$ " to $\frac{3}{4}$ "
- 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.



BFA Series
(For Use with
BXS Series Only)

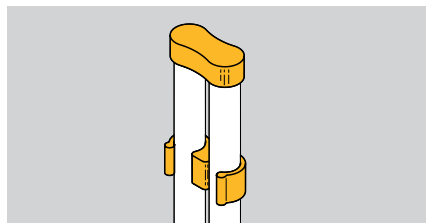
BXS
Series

BXL
Series

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

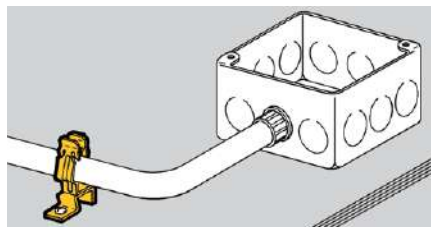


BCS 12AS & 16AS

- 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

Conduit Spacer Brackets



BG

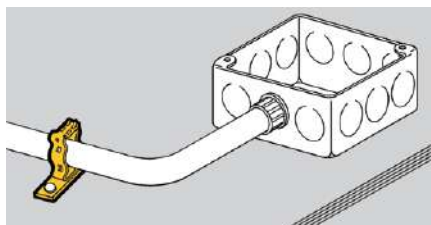
BP

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



UPC/Part number	Catalog number	Conduit Size	Box Qty.
78101118500	BG-8-12-D4	1/2" or 3/4"	100
78101119270	BP-8-D4	1/2" EMT	100
78101119370	BP-12-D4	3/4" EMT or 1/2" IMC, Rigid	100
78101119460	BP-16-D4	1" EMT or 3/4" IMC, Rigid	100

Conduit Spacer Brackets



BG

BP

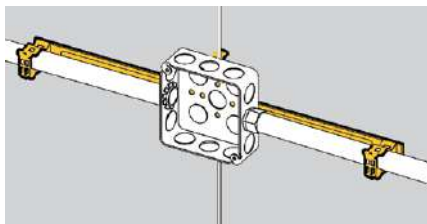
- Helps eliminate the need for offset bends when used with 1 1/2" deep boxes.
- Attaches conduit to concrete, steel or wood with nails.
- May be attached after conduit positioning.



UPC/Part number	Catalog number	Conduit Size	Box Qty.
78101118495	BG-8-12-D3	1/2" or 3/4"	100
78101119265	BP-8-D3	1/2" EMT	100
78101118365	BP-12-D3	3/4" EMT or 1/2" IMC, Rigid	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



- See Ruff-IN pages for prefabricated box assemblies.



UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Box Qty.
78101103575	BG6-S18 *	3/8"	25
78101103573	BG812-S18	1/2" or 3/4"	25
78101103574	BG16-S18	1"	25
With Multiple Conduit Plate			
78205152812	BG6-S18-MC3 *	3/8"	25
78205152900	BG812-S18-MC3	1/2" or 3/4"	25
78205152901	BG16-S18-MC3	1"	25



With Stud			
78205152902	BG6-S18S *	3/8"	25
78110104979	BG812-S18S	1/2" or 3/4"	25
78205152903	BG16-S18S	1"	25
With Stud & Multiple Conduit Plate			
78205152904	BG6-S18S-MC3 *	3/8"	25
78205152905	BG812-S18S-MC3	1/2" or 3/4"	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 3/16" or 3/8" flexible conduit.

- 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.



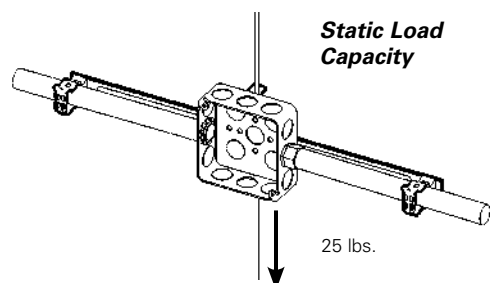
BG-S18-W

BG-S18-W-MC3

UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Box Qty.
W2 Series for #12 thru 1/4" Rod **			
78101103578	BG6-S18-W2 *	3/8"	25
78101103577	BG812-S18-W2	1/2" or 3/4"	25
78101103577	BG16-S18-W2	1"	25
W2 Series for #12 thru 1/4" Rod & Multiple Conduit Plate **			
78205152855	BG6-S18-W2-MC3 *	3/8"	25
78205152739	BG812-S18-W2-MC3	1/2" or 3/4"	25
78205152862	BG16-S18-W2-MC3	1"	25
W6 Series for 3/8" Plain or Threaded Rod **			
78110199581	BG6-S18-W6 *	3/8"	25
78110199582	BG812-S18-W6	1/2" or 3/4"	25
78110199580	BG16-S18-W6	1"	25
W6 Series for 3/8" Plain or Threaded Rod & Multiple Conduit Plate **			
78205152856	BG6-S18-W6-MC3 *	3/8"	25
78205152860	BG812-S18-W6-MC3	1/2" or 3/4"	25
78205152864	BG16-S18-W6-MC3	1"	25

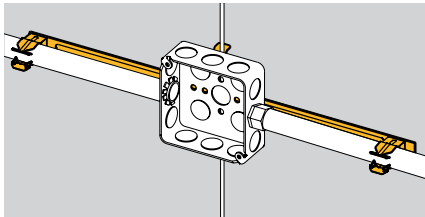
* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and 3/16" or 3/8" flexible conduit

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



Read safety/installation instruction sheets in packages before use.

Push-Type Conduit & Box Support Fasteners



BP__-S18

BP__-S18-MC3



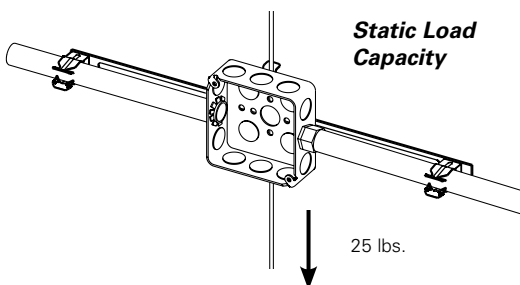
BP__-S18-S
With 1/4"-20 x 5/8"
Stud

BP__-S18-S-MC3
With 1/4"-20 x 5/8"
Stud



BG__-S18-W_

BG__-S18-W_-MC3



- 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.
- See the Ruff-IN brochure for prefabricated box assemblies.

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

With Multiple Conduit Plate

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

With Stud

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

With Stud & Multiple Conduit Plate

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

UPC/Part Number	Catalog Number	Conduit Size E(EMT) R(Rigid)	Box Qty.
W2 Series for #12 thru 1/4" Rod **			
78205123615	BP8-S18-W2	1/2" EMT	25
78205123619	BP12-S18-W2	3/4" E or 1/2" R	25
78205123627	BP16-S18-W2	1"E, 3/4" R	25

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

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

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

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

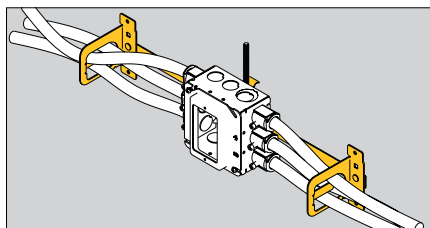
W6 Series for 3/8" Plain or Threaded Rod & Multiple Conduit Plate **

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

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

Read safety/installation instruction sheets in packages before use.

Multi-Run Cable Carrier & Box Support Fasteners



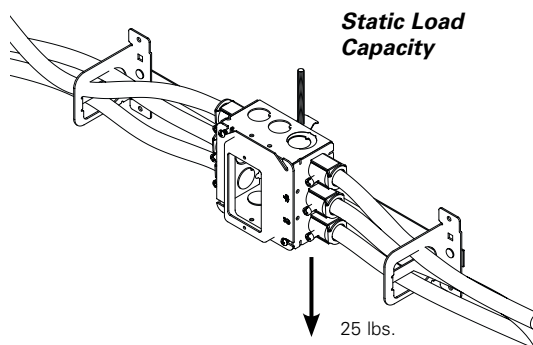
BRC5_-S18



BRC5_-S18-S
With 1/4"-20 x 5/8" Stud



BRC5_-S18-W_



**Static Load
Capacity**

25 lbs.

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



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



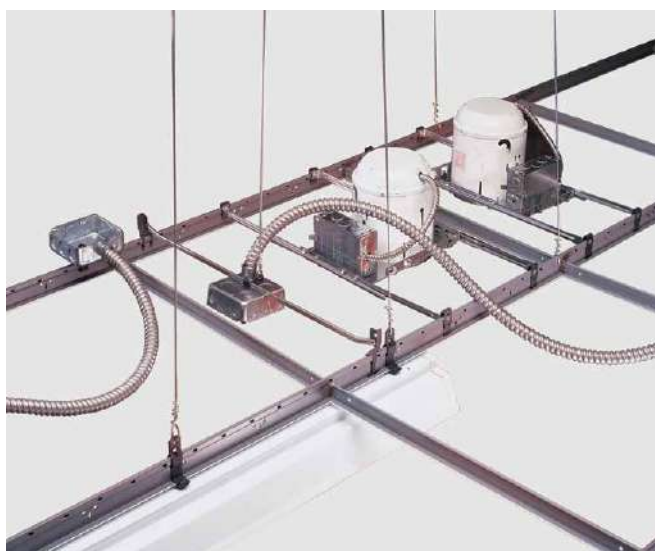
UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
With Stud			
78205152919	BRC51-S18S	Up to 4 runs .430" - .560"	25
78205152921	BRC53-S18S	Up to 7 runs .560" - .690"	25

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
W2 Series for #12 thru 1/4" 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 3/8" 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.

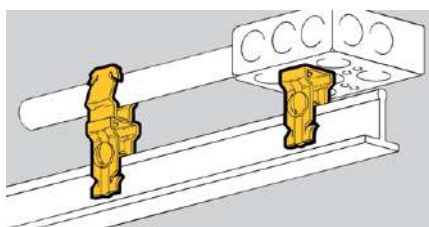
Read safety/installation instruction sheets in packages before use.



Designed to help reduce installation time, B-Line series acoustical tee and T-bar fasteners are used to suspend or mount electrical boxes, lighting, signage, fan and more to acoustical tees, troffer and T-bars.



T-bar Support Fasteners



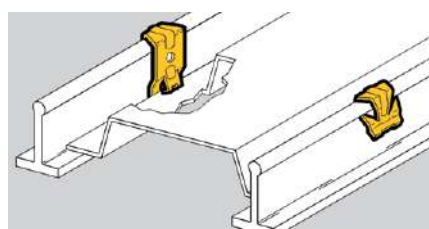
BA14



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

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

Troffer Fasteners



BA15

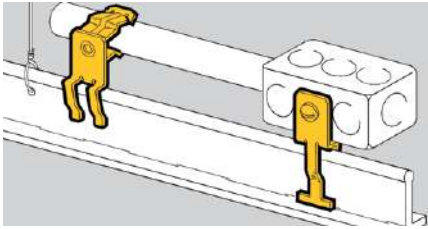


- Gives positive support for troffers and lay-in fixtures.
- Complies with NEC Article 410.36(B) for fixtures supported by suspended ceilings.
- Fits rectangular or round head T-bars.
- Commonly known as "Hurricane Clip".

UPC/Part Number	Catalog Number	Description	Box Qty.
78101118095	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.

Side Mount T-bar Fasteners



BA5-4T



BG Series



BP Series

- 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.

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

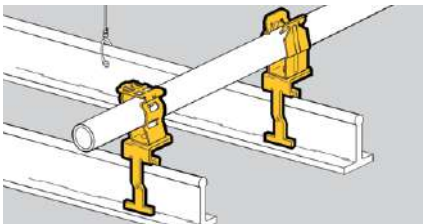
- A positive method for supporting vertical boxes, conduit or cable above T-bar.
- Allows conduit to clear drop wires.
- **WARNING** Do not use for hanging acoustical tee.

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

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

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

Top Mount T-bar Fasteners



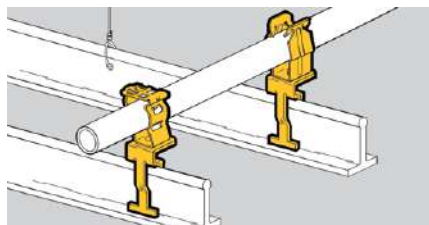
BA6-4T

- 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.

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

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

Top Mount T-bar Fasteners



BG Series



BP Series

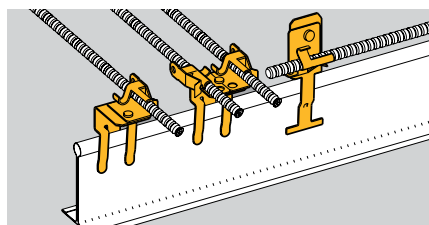
- A positive method for supporting horizontal boxes or conduit above T-bar.
- Allows conduit to clear drop wires.
- **WARNING** Do not use for hanging acoustical tee.

UPC/Part Number	Catalog Number	Conduit Size	Box Qty.
78101188540	BG-6-A6 *	3/8"	100
78101118470	BG-8-12-A6	1/2", 3/4"	100
78101118550	BG-16-A6	1"	100

78101119240	BP-8-A6	1/2" EMT	100
78101119340	BP-12-A6	3/4" EMT 1/2" IMC, Rigid	100
78101119435	BP-16-A6	1" EMT 3/4" IMC, Rigid	100

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

Top Mount T-bar Fasteners



BX4-A6



BX4M-A6

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

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°.

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

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°.



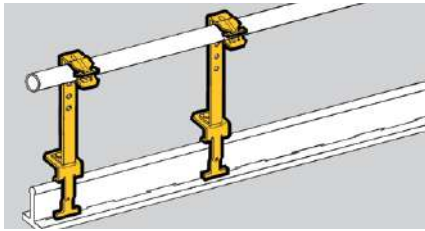
BX4-A5



BX4M-A5

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

Support Fasteners



BA28

BX4M-A28



BP-12-A28

- 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.

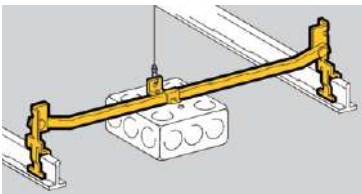
UPC/Part Number	Catalog Number	Description	Box Qty.
78101118115	BA28	½" Holes Allow for Adjustment Between 4¼" and 7¼" at ¾" Increments	50
78101101211	BX4M-A28	Double Runs MC, AC, or FMC	25

- 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.

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.

Electrical Box T-bar Fasteners



BA12-20



- 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

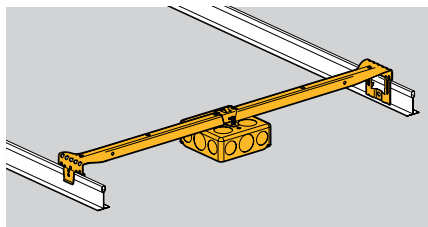
UPC/Part Number	Catalog Number	Description	Box Qty.
78101118170	BB27	Box Mounting Clip (with Screw)	100
78101101673	SRHMS ¼ x ¾	¼"-20 x ¾" Slotted Round Head Machine Screw	50



BB27

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

Electrical Box T-bar Fasteners



BA50-OB

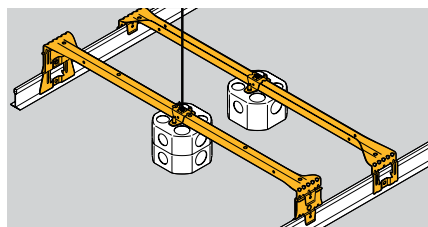


BA50-SB

- Pre-assembled T-bar fasteners speed installation.
- Boxes have 1/2" and 3/4" knockouts.
- Loading not to exceed 50 lbs. in U.S. without independent support. 35 lbs. in Canada.
- Supports boxes on 24" span.

UPC/Part Number	Catalog Number	Description	Box Qty.
78205124855	BA50-OB-24	1 1/2" Deep Box to T-bar Fastener	10
78205124856	BA50-OB-34	2 1/8" Deep Box to T-bar Fastener	10
78205124857	BA50-SB-24	1 1/2" Deep Box to T-bar Fastener	10
78205150954	BA50-SB-34	2 1/8" Deep Box to T-bar Fastener	10

Heavy Duty Electrical Box Hanger



BA50 &
BA50CAN



BA50D &
BA50DCAN



BA50E

BA50C3T & BA50C4T

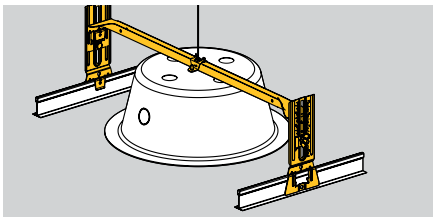
- Supports octagonal or square boxes on 24" span.
- Bendable ends mount 1 1/2" or 2 1/8" deep boxes without tools.
- Self-centering feature positions box on center.
- Includes BA50C4T box mounting clip.
- Ultimate Static Load Capacity: 50 lbs. (without dedicated dropwire)
- Static Load Capacity: 70 lbs. (with dedicated dropwire); 35 lbs. Canada.
- Finish: Pre-galvanized
- Consult factory for prefabricated box assemblies.
- Not for use with fans. See BA50F.

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/ 1 1/2" Extension	25
78205135906	BA50DCAN *	Box Hanger Box w/ 1 1/2" 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.

Adjustable Box Support



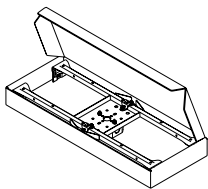
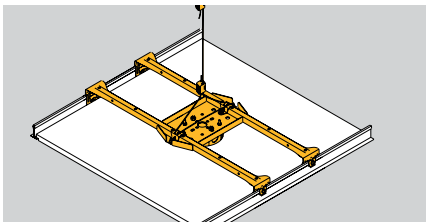
BA50A



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

UPC/Part Number	Catalog Number	Description	Box Qty.
78205118460	BA50A	Adjustable Box Hanger T-bar	10

RediMount Fan Hanger

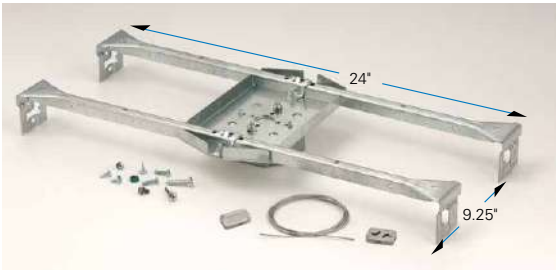


BA50F

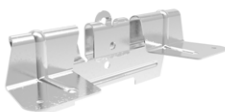
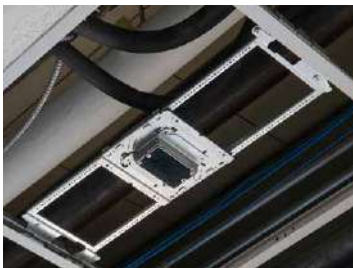


- RediMount™ features pre-assembled fan/fixture hanger installs on T-bar in less than 30 seconds.
- Positions and secures fans and fixtures in suspended ceilings.
- Includes KwikWire™ cable and clamps which attach to mounting clips for easy installation.
- Recommended for use in seismic areas.
- UL Listed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



Ceiling Clips for BBT brackets



BBT-TG



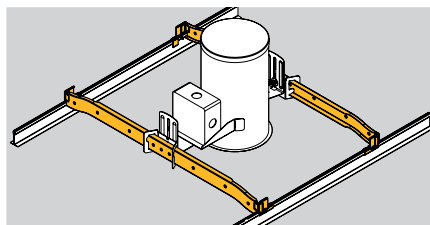
- Installs onto BBT-WF with two screws for installation into T-grid ceilings.
- Box attached with BBA or BBA-4 alignment bracket.
- Wide support prevents bracket from rocking, and rigidity of BBT-WF helps reduce pressure on the ceiling tile.
- Sheet metal screw location and loop hole for support drop wire aids compliance with NEC 314.23 (D).
- Install fire alarm boxes, nurse call, lighting controls, etc. into the ceiling grid using the same brackets installed in the wall, reducing overall SKU count.
- Install multiple boxes into the same ceiling tile.
- Available for field or prefab shop assembly, or preassembled on a BBT-WF bracket with box and cover preinstalled.
- Static load capacity 50lbs.

The combination of the BBT-WF and BBT-TG bracket is not listed to support a luminaire.

UPC/Part Number	Catalog Number	Description	Box Qty.
79903885065	BBT-TG	Ceiling clips for BBT brackets	100

Read safety/installation instruction sheets in packages before use.

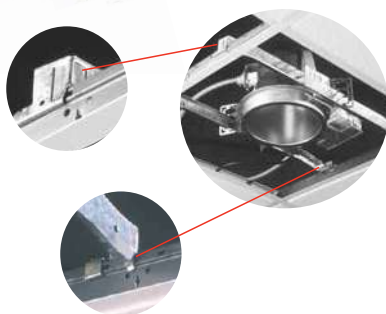
QuikFix Fastening System



- QuikFix™ Fastening System mounts spec grade downlights 50% faster than "wire bound" installation methods.
- QuikFix system is pre-sized for 24" spacing.
- Innovative design features offset bar hangers with integral locking tabs that secure downlights to T-bar and prevent lifting or sliding.
- No tools required.
- Recommended for use in seismic areas.
- UL listed for fixture support up to 50 lbs.

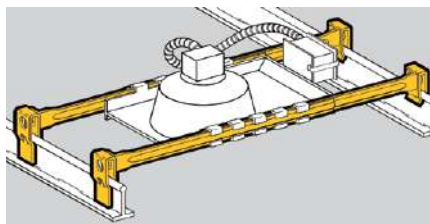


BA40

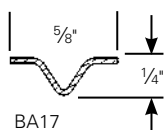


UPC/Part Number	Catalog Number	Description	Box Qty.
78205199873	BA40	Fixture Bar	20 pair

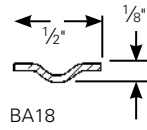
Light Fixture T-bar Fasteners



- 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).



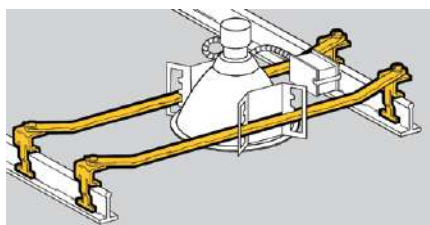
BA17



BA18

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).



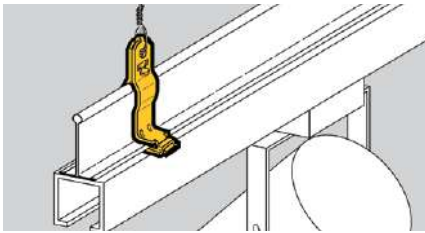
BA20

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.

Suspension Fasteners



BA1

BA1-T

BA1-T-BN



BA1-9

BA1-95

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

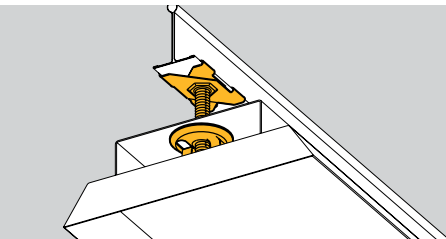


UPC/Part Number	Catalog Number	T-bar Size	Stud Size	Box Qty.
78101118065	BA1	15/16"	1/4"-20 x 5/8"	100
78101118070	BA1-24	15/16"	1/4"-20 x 1 1/2"	100
78101118075	BA1-32	15/16"	1/4"-20 x 2"	100
78101102891	BA1-T	15/16"	#8-32 x 5/8" with Pal Nut	100
78101102897	BA1-T-BN	15/16"	#8-32 x 5/8" with Brass Nut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



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

T-bar Scissor Fasteners



BAX-4-16

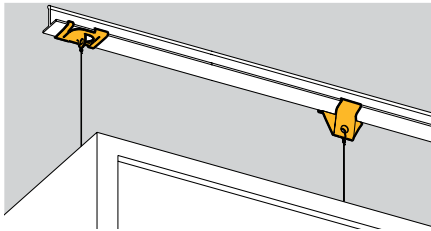
- Supports electrical fixtures from standard 15/16" T-bars.
- BA-4-WN wing nut included.
- 1/4"-20 stud available in varying lengths.
- Static Load Capacity: 50 lbs.



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

Read safety/installation instruction sheets in packages before use.

Sign Hangers



BA-4-16-H



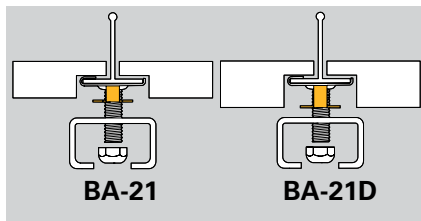
BA-4-16-H1



- BA-4-16-H supports signs from $\frac{15}{16}$ " T-bar.
- BA-4-16-H1 supports signs from $\frac{9}{16}$ " or $\frac{15}{16}$ " T-bar.
- Static Load Capacity: 40 lbs.

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

T-bar Spacers



BA-21

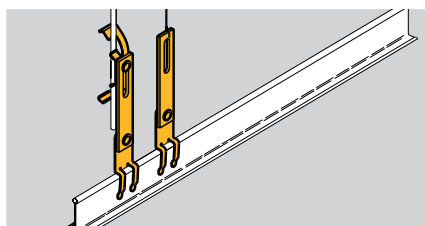


BA-21D

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

UPC/Part Number	Catalog Number	Description	Box Qty.
78101195575	BA-21	$\frac{1}{4}$ " Spacer	100
78101195567	BA-21D	$\frac{3}{8}$ " Spacer	100

Drop Wire/Rod Securing Clip



BA-311



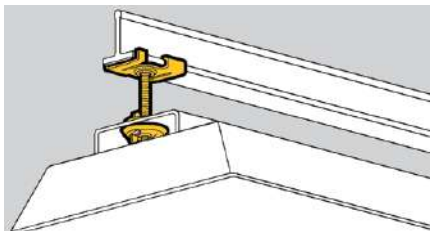
BA-311-W2 Shown

- 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.

UPC/Part Number	Catalog Number	Description	Box Qty.
78101199569	BA311	#12 thru #8 Wire	100
78101199570	BA311-W2	#12 thru $\frac{1}{4}$ " Plain or	100
78101199571	BA311-W6	$\frac{3}{8}$ " Plain or Threaded Rod	100

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

15/16" Twist Fasteners



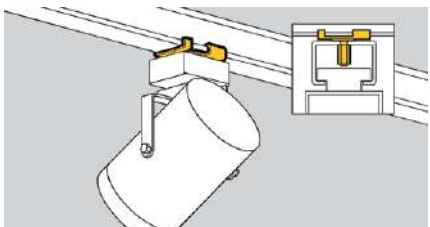
BA-4-WN

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



UPC/Part Number	Catalog Number	Finish	Stud Length	Box Qty.
78101118020	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

15/16" Twist Fasteners



BA-2-16



BA-2-16-BN

- Supports electrical fixtures from 15/16" T-bar.
- #8-32 stud available in varying lengths.
- Static Load Capacity: 25 lbs.



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

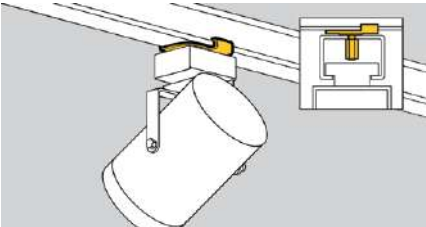
- Supports electrical fixtures from 15/16" T-bar.
- #8-32 stud available in varying lengths.
- Static Load Capacity: 25 lbs.



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.

9/16" Twist Fasteners



BA-2-9 Series
with Pal Nut

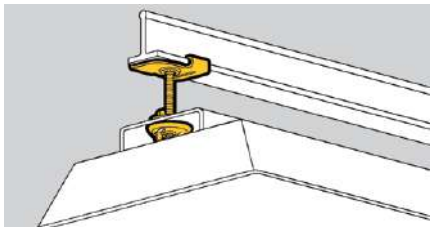
BA-2-9-BN Series
with Brass Nut

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



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

9/16" Twist Fasteners



BA-4-9

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



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

Seismic Fixture Clamps



BA-SFC



BA-SFC-E



BA-SFC-S



BA-SFC-CF



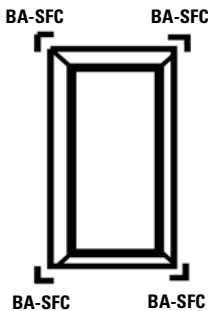
BA-SFC-CFS

- BA-SFC series provides seismic restraint for light fixtures within a suspended ceiling.
- BA-SFC helps reduce 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 410.36(B) 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)

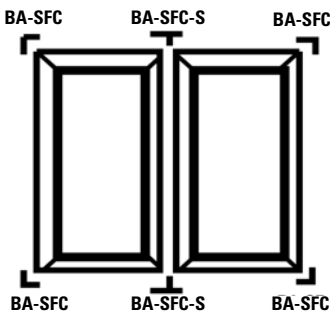
* BASFC is required to complete installation.

Single Fixture Installation



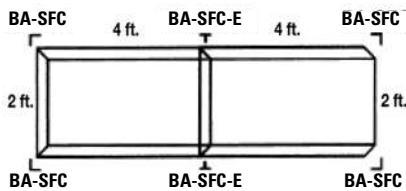
Parts Required:
1 pc. BA-SFC Installation Kit

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

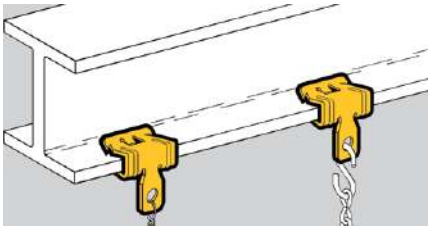




Beam fasteners, such as I-beam fasteners and I-beam hangers, are among the many fasteners and fixing systems available in the Eaton B-Line series of spring steel product line. It includes products designed for attachment to metal studs, steel beams, acoustical tees, purlins, channel and more.



Flange Beam Fasteners



- Permits fast and easy installation on W shape, C shape, and angle steel.
- Clearance hole for 1/4" bolt in tab.
- Simply installed with a hammer.



BE-1-2

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

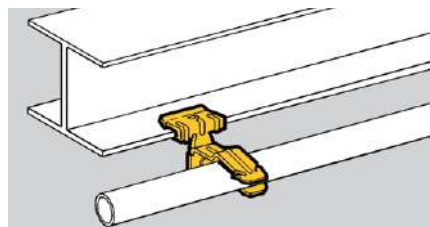


BE-2-4

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

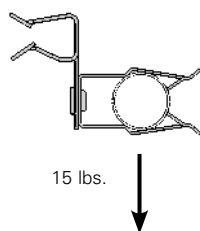
Read safety/installation instruction sheets in packages before use.

Push-Type Conduit-to-Beam Fasteners



BP-8-E-2-4

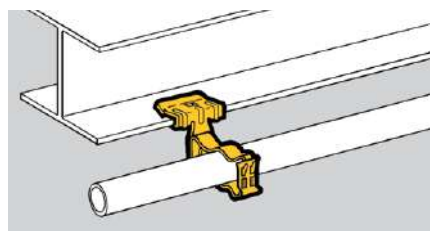
**Ultimate
Static Load
Capacity**



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

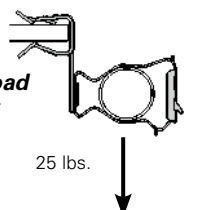
UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101119275	BP-8-E-2-4	1/2" EMT	1/8" - 1/4"	100
78101119280	BP-8-E-5-8	1/2" EMT	5/16" - 1/2"	100
78101119285	BP-8-E-9-12	1/2" EMT	9/16" - 3/4"	100
78101119375	BP-12-E-2-4	3/4" EMT 1/2" IMC, Rigid	1/8" - 1/4"	100
78101119380	BP-12-E-5-8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

Guide-Rite Conduit-to-Beam Fasteners



BG-6-E-2-4

**Static Load
Capacity**



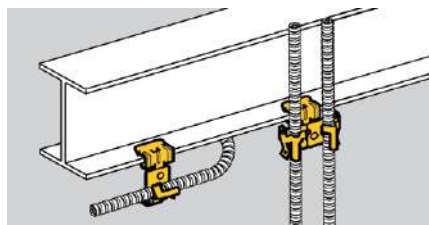
- Guide-Rite™ fastener provides for fast and easy installation.
- Fasteners will rotate 360°.
- Simply installed with a hammer and pliers.

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

Cable-to-Beam Fasteners



BX4-E-2-4



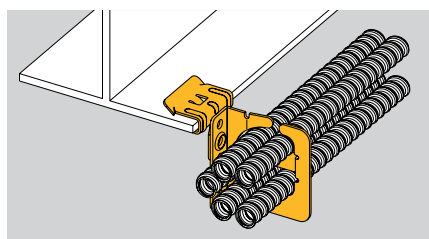
BX4M-E-2-4

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

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

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

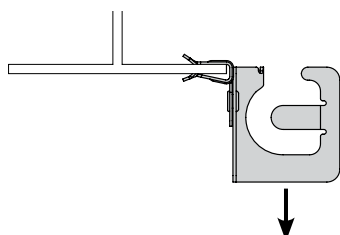
MC/AC Cable Carrier-to-Beam Fastener



BRC5-2-E24

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

UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78205144093	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

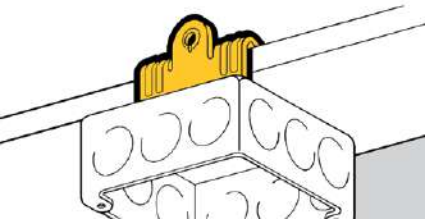


**Static
Load
Capacity**

50 lbs.

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

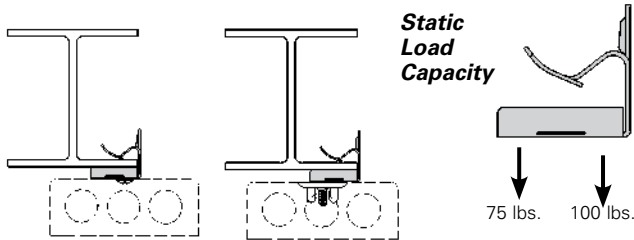
Universal Beam Fasteners



BU-2-4



1/4\"-20 x 3/8\"
Staked Stud



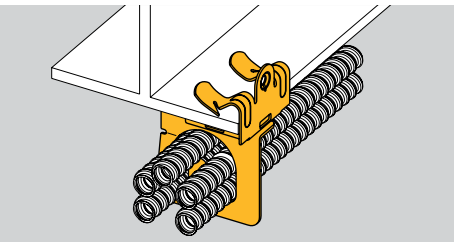
Note: Indicated loads are static load capacity and should not be combined.

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

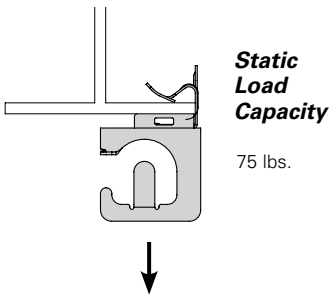
UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101119600	BU-2-4	1/8" - 1/4"	100
78101119605	BU-5-8	5/16" - 1/2"	100
78101119610	BU-9-12	9/16" - 3/4"	100

UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101119615	BU-2-4-S	1/8" - 1/4"	100
78101119620	BU-5-8-S	5/16" - 1/2"	100
78101119625	BU-9-12-S	9/16" - 3/4"	100

MC/AC Cable Carrier-to-Beam Fastener



BRC51-U24

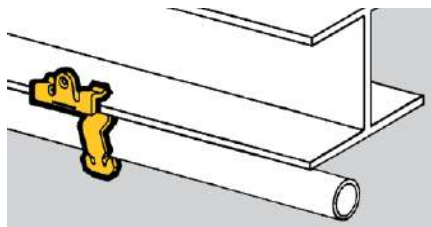


- Secures and supports MC/AC cables as required by the NEC.
- Effectively organizes cables and eliminates derating issues.
- BRC5-1 secures up to four (4) runs of .430 to .560 diameter cable.
- BRC5-2 secures up to nine (9) runs of .430 to .560 diameter cable.
- BRC5-3 secures up to seven (7) runs of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

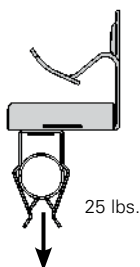
Read safety/installation instruction sheets in packages before use.

Push-Type Conduit-to-Beam Fasteners



BP-8-U-2-4

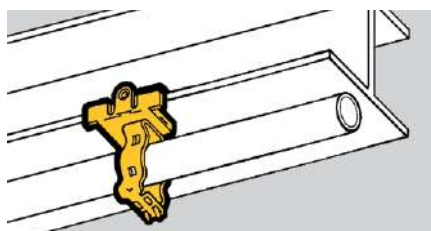
**Ultimate
Static Load
Capacity**



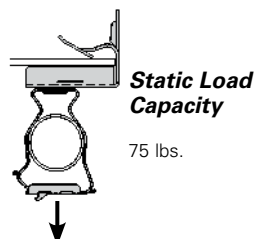
- Quickly attaches conduit to beams.
- Fasteners will rotate 360°.
- Simply installed with a hammer.

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	⅝₁₆" - ½"	100
78101119320	BP-8-U-9-12	½" EMT	⅝₁₆" - 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	⅝₁₆" - ½"	100
78101119415	BP-12-U-9-12	¾" EMT ½" IMC, Rigid	⅝₁₆" - 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	⅝₁₆" - ½"	100
78101119500	BP-16-U-9-12	1" EMT ¾" IMC, Rigid	⅝₁₆" - ¾"	100

Guide-Rite Conduit-to-Beam Fasteners



BG-6-U-2-4



**Static Load
Capacity**

75 lbs.

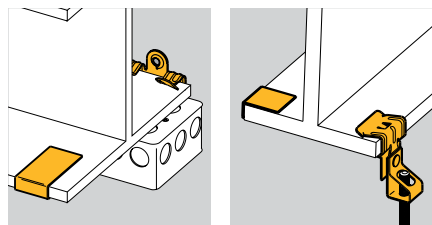
- Unique Guide-Rite™ Fastener provides for fast and easy installation.
- Fasteners will rotate 360°.
- Simply installed with a hammer and pliers.

UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101118450	BG-6-U-2-4*	⅜"	⅛" - ¼"	100
78101118455	BG-6-U-5-8*	⅜"	⅝₁₆" - ½"	100
78101118460	BG-6-U-9-12*	⅜"	⅝₁₆" - ¾"	100
78101118525	BG-8-12-U-2-4	½", ¾"	⅛" - ¼"	100
78101118530	BG-8-12-U-5-8	½", ¾"	⅝₁₆" - ½"	100
78101118535	BG-8-12-U-9-12	½", ¾"	⅝₁₆" - ¾"	100
78101118625	BG-16-U-2-4	1"	⅛" - ¼"	100
78101118630	BG-16-U-5-8	1"	⅝₁₆" - ½"	100
78101118635	BG-16-U-9-12	1"	⅝₁₆" - ¾"	100
78101118680	BG-20-U-2-4	1¼"	⅛" - ¼"	100
78101118685	BG-20-U-5-8	1¼"	⅝₁₆" - ½"	100
78101118690	BG-20-U-9-12	1¼"	⅝₁₆" - ¾"	100
78101118720	BG-24-U-2-4	1½"	⅛" - ¼"	50
78101118725	BG-24-U-5-8	1½"	⅝₁₆" - ½"	50
78101118730	BG-24-U-9-12	1½"	⅝₁₆" - ¾"	50
78101118760	BG-32-U-2-4	2"	⅛" - ¼"	50
78101118765	BG-32-U-5-8	2"	⅝₁₆" - ½"	50
78101118770	BG-32-U-9-12	2"	⅝₁₆" - ¾"	50

* BG-6 will accept the following range Ø.420 - Ø.675: 14/2 thru 10/4 MC/AC cable and ⅝₁₆" or ⅝" flexible conduit

Read safety/installation instruction sheets in packages before use.

Beam Fasteners with Anchor Straps



Static Load Capacity
75 lbs.



Static Load Capacity
160 lbs.



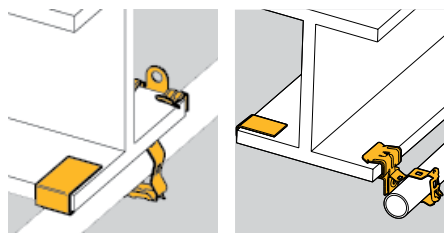
- Anchor strap provides secure attachment to beam flanges.
- Suspends threaded rod from beam flanges.
- 8" anchor straps are provided for 1/8" to 1/4" thick flanges.
- 13" anchor straps are provided for 5/16" to 3/4" thick flanges.

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

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



Conduit-to-Beam Fasteners with Anchor Straps



Static Load Capacity
75 lbs.



Static Load Capacity
25 lbs.



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

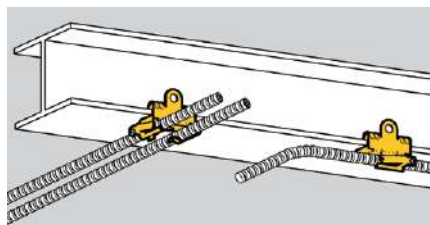
UPC/Part Number	Catalog Number	Conduit Size	Flange Thickness	Box Qty.
78101104966	BG-8-12-U-2-4-AS	1/2", 3/4"	1/8" - 1/4"	50
78101104967	BG-8-12-U-5-8-AS	1/2", 3/4"	5/16" - 1/2"	50
78101104968	BG-8-12-U-9-12-AS	1/2", 3/4"	9/16" - 3/4"	50
78101104969	BG-16-U-2-4-AS	1"	1/8" - 1/4"	50
78101104970	BG-16-U-5-8-AS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



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

Read safety/installation instruction sheets in packages before use.

Cable-to-Beam Fasteners



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

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



BX4-U-2-4



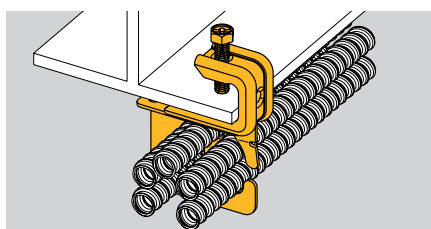
BX4M-U-2-4

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

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

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.
- Fits beam flanges from 1/8" thru 5/8" thick.
- Load Capacity: 50 lbs.

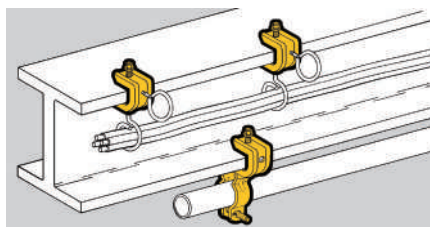
UPC/Part Number	Catalog Number	Cable Diameter & Number of Runs	Box Qty.
78205144087	BRC51-C442	.430" to .560" Up to 4 Runs	25
78205144088	BRC52-C442	.430" to .560" Up to 9 Runs	25
78205144089	BRC53-C442	.560" to .690" Up to 7 Runs	25



BRC51-C442

Read safety/installation instruction sheets in packages before use.

Beam Fasteners



BC442



BL1400-C442

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

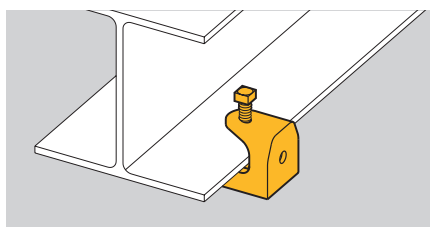


UPC/Part Number	Catalog Number	Description	Box Qty.
78101118278	BC442	Accepts $\frac{1}{4}$ "-20 Threaded Rod or $\frac{1}{4}$ "-20 Threaded Bridle Rings	50
78101104283	BC442-6	Accepts $\frac{3}{8}$ "-16 Threaded Rod	25



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

Beam Fasteners



B444

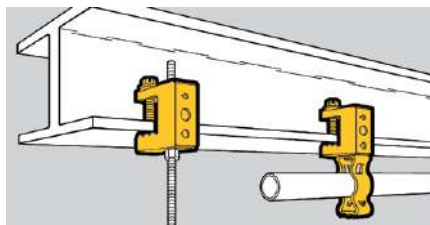
- Can be used with $\frac{1}{4}$ "-20 and $\frac{3}{8}$ "-16 threaded rod or bridle rings.
- Max. flange thickness
 $\frac{3}{4}$ " (19.0) for $\frac{1}{4}$ " & $\frac{5}{16}$ " sizes
 1" (25.4) for $\frac{3}{8}$ " & $\frac{1}{2}$ " sizes
- Safety Factor of 5.
- Finish: Zinc-plated.



UPC/Part Number	Catalog Number	Rod Size	Static Load Cap.	Box Qty.
78101155333	B444-$\frac{1}{4}$	$\frac{1}{4}$ "-20	150 lbs.	50
78101155338	B444-$\frac{5}{16}$	$\frac{5}{16}$ "-18	150 lbs.	50
78101155343	B444-$\frac{3}{8}$	$\frac{3}{8}$ "-16	350 lbs.	50
78101155348	B444-$\frac{1}{2}$	$\frac{1}{2}$ "-13	1000 lbs.	10

Read safety/installation instruction sheets in packages before use.

Conduit-to-Beam Fasteners



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

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



Guide-Rite™ Fastener



BC1



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



Guide-Rite™ Fastener



UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Static Load Cap.	Box Qty.
78101118485	BG-8-12-C1	1/2", 3/4"	25 lbs.	100
78101118565	BG-16-C1	1"	25 lbs.	100
78101118650	BG-20-C1	1 1/4"	25 lbs.	100
78101118695	BG-24-C1	1 1/2"	25 lbs.	50
78101118735	BG-32-C1	2"	25 lbs.	50



sh-Type

UPC/Part Number	Catalog Number	Conduit Size	Ultimate Static Load Cap.	Box Qty.
78101119260	BP-8-C2	1/2" EMT	25 lbs.	100
78101119360	BP-12-C2	3/4" EMT 1/2" IMC, Rigid	25 lbs.	100
78101119455	BP-16-C2	1" EMT 3/4" IMC, Rigid	25 lbs.	100

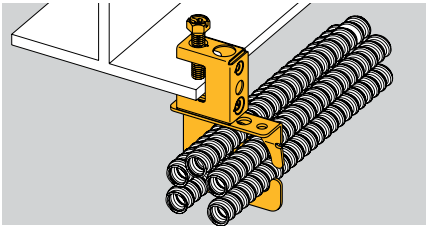


Push-Type

UPC/Part Number	Catalog Number	Conduit Size	Ultimate Static Load Cap.	Box Qty.
78101119255	BP-8-C1	1/2" EMT	25 lbs.	100
78101119355	BP-12-C1	3/4" EMT 1/2" IMC, Rigid	25 lbs.	100
78101119450	BP-16-C1	1" EMT 3/4" IMC, Rigid	25 lbs.	100

Read safety/installation instruction sheets in packages before use.

MC/AC Cable Carrier-to-Beam Fastener



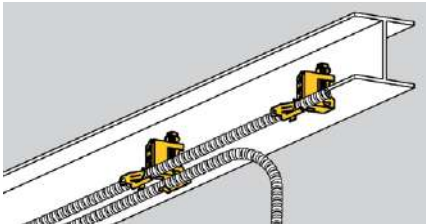
BRC5-x-C2

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



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

Cable-to-Beam Fasteners



BX4-C2



BX4M-C2

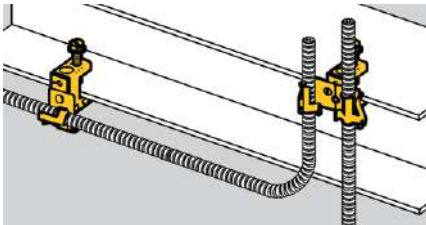
- Attaches MC, AC, sizes 14/2 through 10/3 or 3/8" FMC to beam flanges thru 1/2" thick.
- Fasteners will rotate 360°.
- Requires only a screwdriver to install.



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

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

Cable-to-Beam Fasteners



X4-C1



X4M-C1

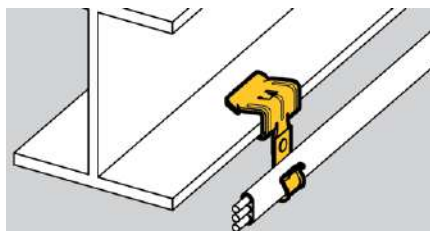
- Attaches MC, AC, sizes 14/2 through 10/3 or 3/8" FMC to beam flanges thru 1/2" thick.
- Fasteners will rotate 360°.
- Requires only a screwdriver to install.



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.

Cable-to-Beam Fasteners



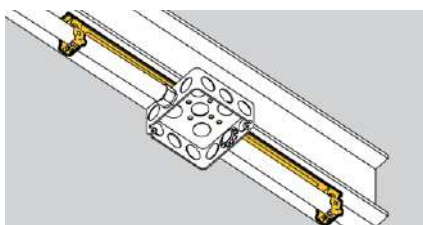
BRC3-E-2-4



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

UPC/Part Number	Catalog Number	Flange Thickness	Box Qty.
78101103550	BRC3-E-2-4	1/8" to 1/4"	100
78101103551	BRC3-E-5-8	5/16" to 1/2"	100
78101103552	BRC3-E-9-12	9/16" to 3/4"	100

Guide-Rite Conduit & Box Support Fasteners



BG__S18-U__



BG__S18-U__-MC3



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

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

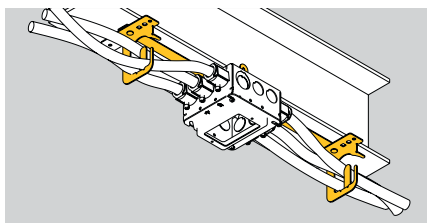
With Multiple Conduit Plate

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

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

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

Multi-Run Cable Carrier & Box Support Fastener

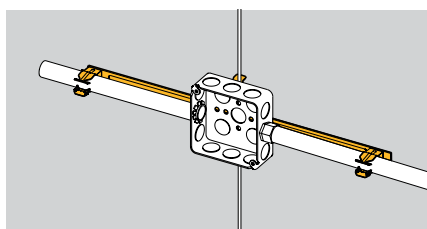


BRC5-S18-U__

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

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

Push-Type Conduit & Box Support Fasteners



BP__-S18-U__

BP__-S18-U__-MC3

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

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

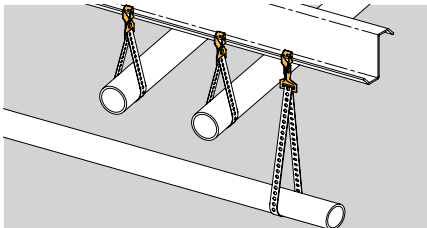
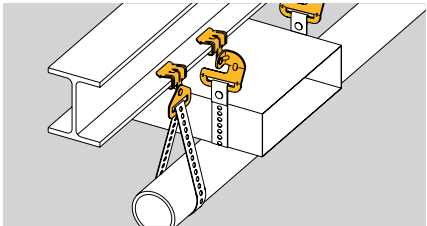
With Multiple Conduit Plate

78205152824	BP8-S18-U24-MC3	3/8"	1/8" to 1/4"	25
78205152825	BP8-S18-U58-MC3	3/8"	5/16" to 1/2"	25
78205152827	BP12-S18-U24-MC3	1/2", 3/4"	1/8" to 1/4"	25
78205152828	BP12-S18-U58-MC3	1/2", 3/4"	5/16" to 1/2"	25
78205152825	BP16-S18-U24-MC3	1"	1/8" to 1/4"	25
78205152964	BP16-S18-U58-MC3	1"	5/16" to 1/2"	25

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



Strap Hangers



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



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



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

"Z" Purlin Hangers



BH-H7

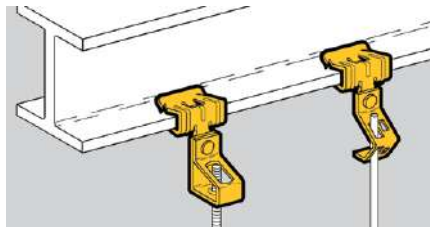


BH-F12

BH-F12-R

Read safety/installation instruction sheets in packages before use.

Rod-to-Beam Hangers



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

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

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

Rod-to-Beam Hangers



With thread impression

- Suspend threaded rod, $\frac{1}{4}$ " or $\frac{3}{8}$ " diameter.
- Simply installed with a hammer.
- Static Load Capacity: 160 lbs.

UPC/Part Number	Catalog Number	Flange Thickness	Threaded Rod Size	Box Qty.
78101118980	BH4-E-2-4	$\frac{1}{8}$ " to $\frac{1}{4}$ "	$\frac{1}{4}$ "	100
78101118985	BH4-E-5-8	$\frac{5}{16}$ " - $\frac{1}{2}$ "	$\frac{1}{4}$ "	100
78101118990	BH4-E-9-12	$\frac{9}{16}$ " - $\frac{3}{4}$ "	$\frac{1}{4}$ "	100
78101119060	BH6-E-2-4	$\frac{1}{8}$ " to $\frac{1}{4}$ "	$\frac{3}{8}$ "	100
78101119065	BH6-E-5-8	$\frac{5}{16}$ " - $\frac{1}{2}$ "	$\frac{3}{8}$ "	100
78101119070	BH6-E-9-12	$\frac{9}{16}$ " - $\frac{3}{4}$ "	$\frac{3}{8}$ "	100

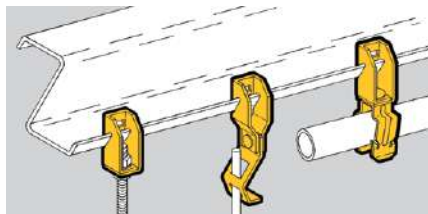
Note: BH4 and BH6 have thread impressions.

UPC/Part Number	Catalog Number	Flange Thickness	Threaded Rod Size	Box Qty.
78101119020	BH5-E-2-4 *	$\frac{1}{8}$ " to $\frac{1}{4}$ "	$\frac{1}{4}$ " to $\frac{3}{8}$ "	100
78101119025	BH5-E-5-8 *	$\frac{5}{16}$ " - $\frac{1}{2}$ "	$\frac{1}{4}$ " to $\frac{3}{8}$ "	100
78101119030	BH5-E-9-12 *	$\frac{9}{16}$ " - $\frac{3}{4}$ "	$\frac{1}{4}$ " to $\frac{3}{8}$ "	100

*Nuts required.

Read safety/installation instruction sheets in packages before use.

"Z" Purlin Hangers



BF13



BF12



Guide-Rite™
Fastener
BG Series



Push-Type
BP Series



- Compensates for angle of purlin tip.
- Allows for parallel conduit runs or vertical support drops.
- Riveted fasteners will rotate 360°.
- Maximum Purlin thickness of $\frac{3}{32}$ ".



UPC/Part Number	Catalog Number	Description	Static Load Cap. lbs.	Box Qty.
78101118345	BF13	With $\frac{1}{4}$ " Hole	100	100
78101118340	BF12	For "S" Hooks	100	100



UPC/Part Number	Catalog Number	Conduit Size EMT & Rigid	Static Load Cap. lbs.	Box Qty.
78101118445	BG-6-F13 *	$\frac{3}{8}$ "	100	100
78101118520	BG-8-12-F13	$\frac{1}{2}$ ", $\frac{3}{4}$ "	100	100
78101118590	BG-16-F13	1"	100	100
78101118675	BG-20-F13	1 $\frac{1}{4}$ "	100	100
78101119290	BP-8-F13	$\frac{1}{2}$ " EMT	25	100
78101119390	BP-12-F13	$\frac{3}{4}$ " EMT $\frac{1}{2}$ " IMC, Rigid	25	100
78101119480	BP-16-F13	1" EMT $\frac{3}{4}$ " IMC, Rigid	25	50

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



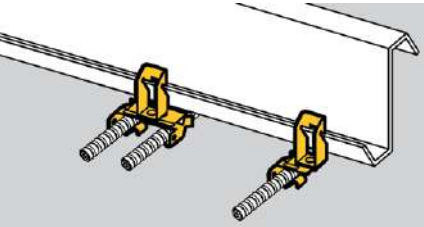
UPC/Part Number	Catalog Number	Description	Static Load Cap.	Box Qty.
78101118920	BH1-F12	#8 Wire or $\frac{1}{4}$ " Plain Rod	100 lbs.	100
78101118960	BH2-F12	$\frac{3}{8}$ " Plain Rod	100 lbs.	100



UPC/Part Number	Catalog Number	Threaded Rod Size	Static Load Cap.	Box Qty.
78101119000	BH4-F12	$\frac{1}{4}$ "	100 lbs.	100
78101119080	BH6-F12	$\frac{3}{8}$ "	100 lbs.	100
78101119040	BH5-F12 *	$\frac{1}{4}$ " & $\frac{3}{8}$ "	100 lbs.	100

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

Cable-to-“Z” Purlin Flange Hangers



BX4-F13

BX4M-F13

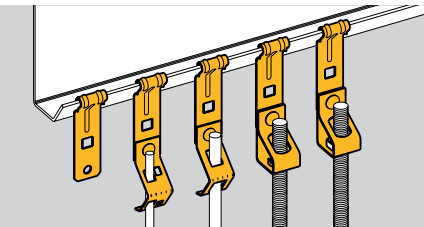
These products are designed for positioning only. No load rating.

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



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

“Z” Purlin Flange Hangers



BF4

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



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

Read safety/installation instruction sheets in packages before use.

“Z” Purlin Flange Hangers



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

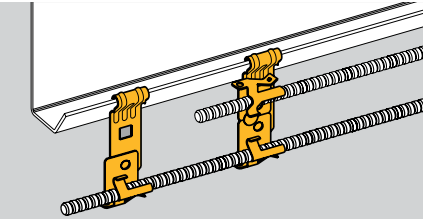


UPC/Part Number	Catalog Number	Description	Box Qty.
78101104274	BH1-F4	#8 Wire or 1/4" Plain Rod	100
78101104276	BH2-F4	3/8" Plain Rod	100

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

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

Cable-to-“Z” Purlin Flange Hangers



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



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

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

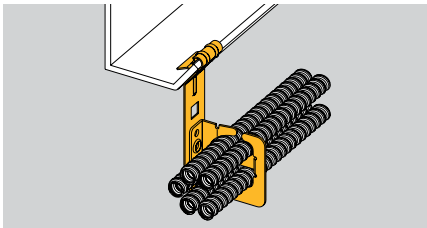
UPC/Part Number	Catalog Number	Description	Box Qty.
78101104932	BX4M-F4	Double Runs	100

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



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

MC/AC Cable Carrier-to-“Z” Purlin Flange Hanger



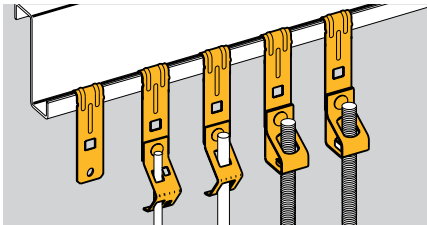
BRC51-F4

- 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

Vertical Flange Hangers



BF3

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



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



BH1-F3



4 1/4"
Overall Height

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



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

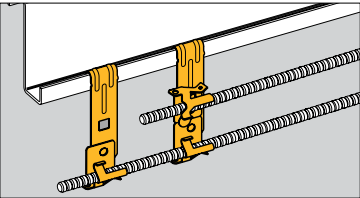


UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101104285	BH4-F3	1/4"	100
78101104279	BH6-F3	3/8"	100
78101104933	BH5-F3 *	1/4", 3/8"	100

* Nuts required.

Read safety/installation instruction sheets in packages before use.

Cable-to-Vertical Flange Hangers



BX4-F3

BX4M-F3

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

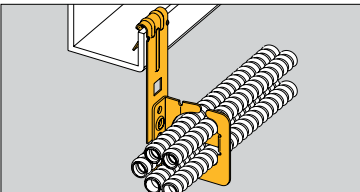
- Attaches MC, AC, sizes 14/2 through 10/3 or 3/8" flexible conduit FMC to vertical flanges 1/16" to 1/4" thick.
- Fastener will rotate 360°.
- Simply installed with a hammer.



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

MC/AC Cable Carrier-to-Vertical Flange Hanger



BRC51-F3

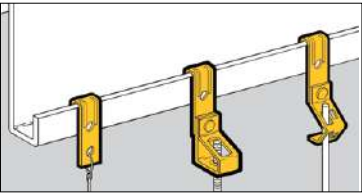
- Secures and supports multiple runs of MC/AC cable to vertical flanges.
- Effectively organizes cables and eliminates derating issues.
- Retention tab is open for easy loading and unloading and contains cables when bent in place.
- Load Capacity: 50 lbs.



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.

Vertical Flange Hangers



BF1

BH1-F1

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

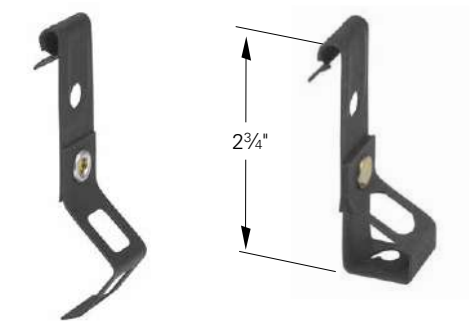


UPC/Part Number	Catalog Number	Flange Thickness	Description	Box Qty.
78101118310	BF1	1/16" - 5/32"	For "S" Hooks, Bolting Straps and Wrap Wire	100
78101118315	BF2	5/32" - 1/4"	For "S" Hooks, Bolting Straps and Wrap Wire	100



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

Vertical Flange Hangers



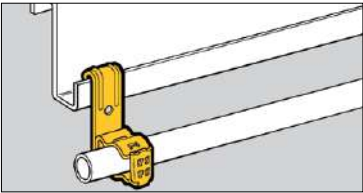
UPC/Part Number	Catalog Number	Flange Thickness	Plain Rod Size	Box Qty.
78101118955	BH2-F1	1/16" - 5/32"	3/8"	100
78101118965	BH2-F2	5/32" - 1/4"	3/8"	100



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.

Conduit-to-Vertical Flange Hangers



Guide-Rite™
Fastener



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



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

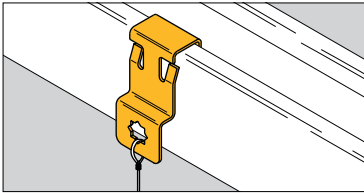
* BG-6 will accept the following range Ø.420 - Ø.675:
14/2 thru 10/4 MC/AC cable and 1/16" or 3/8" flexible conduit



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

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

Strut Fasteners



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

UPC/Part Number	Catalog Number	Description	Load Capacity	Box Qty.
78205146573	BSC4	Strut Clip	60 lbs.	100

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



BG_-SC4

BP_-SC4

BL14_-SC4

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



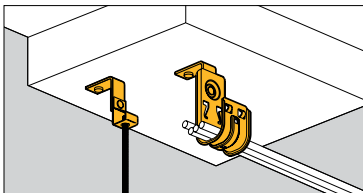
BX4M_-SC4

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



BPNA

BCH21-PNA
BCH32-PNA



BH-PNA

BH1-PNA
BH2-PNA



BH-PNA

BG-PNA

BP-PNA



BL14-PNA

BX4-PNA

BX4M-PNA

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

UPC/Part Number	Catalog Number	Description	Box Qty.
78205125583	BPNA	Angle Bracket	100
78205128090	BCH12-PNA	3/4" 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 1/4" Plain Rod	100
78205125596	BH2-PNA	3/8" Plain Rod	100

UPC/Part Number	Catalog Number	Description	Box Qty.
78205125604	BH4-PNA *	1/4" Threaded Rod	100
78205125606	BH6-PNA *	3/8" Threaded Rod Cable Hook	100
78205125605	BH5-PNA **	1/4" or 3/8" Threaded Rod	100
78205125613	BG6-PNA ***	3/8" Conduit	100
78205125615	BG8-12-PNA	1/2" & 3/4" Conduit	100
78205125616	BG16-PNA	1" Conduit	100
78205125623	BP8-PNA	1/2" EMT	100
78205125624	BP12-PNA	3/4" EMT	100
78205125630	BP16-PNA	1" EMT	100
78205125620	BL1400-PNA	1/2" Conduit	100
78205125621	BL1410-PNA	3/4" 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 3/16" or 3/8" flexible conduit

Read safety/installation instruction sheets in packages before use.

Deck Hanger Bracket



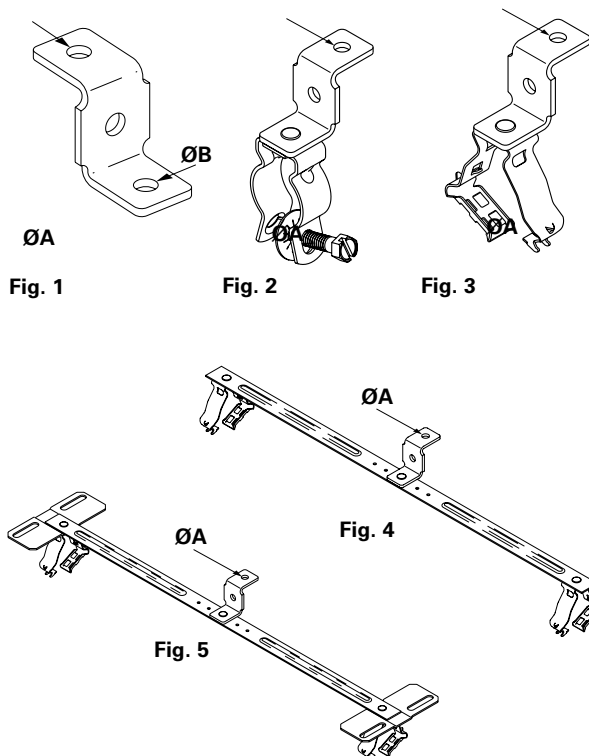
BDH Series and Riveted Assemblies

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

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

Material/Finish:
BDH series hangers, BL1400 series conduit hangers & S18 bar are galvanized steel

BG series conduit clips are spring steel/zinc phosphate



Catalog No.	Fig No.	Hole Ø		Conduit Ø	Static Load* lbs(kg)	Box Qty
		A	B			
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.

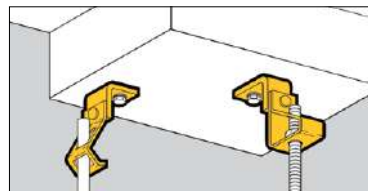
**Accepts .420 - .675 diameter; 14/2 thru 10/4 MC/AC cable and ⅝" or ⅜" flexible conduit.

† 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.

All other trademarks are property of their respective owners.

Read safety/installation instruction sheets in packages before use.

Angle Bracket Fasteners



BH1-H7

BH4-H7



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

UPC/Part Number	Catalog Number	Description	Box Qty.
78101118930	BH1-H7	#8 Wire or 1/4" Plain Rod	100

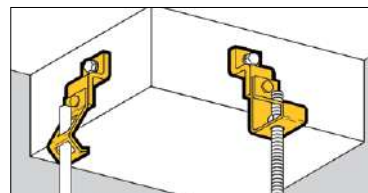
78101118975	BH2-H7	For 3/8" Plain Rod	100
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UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101119010	BH4-H7	1/4"-20	100
78101119090	BH6-H7	3/8"-16	100
78101119050	BH5-H7 *	1/4"-20 or 3/8"-16	100

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

Offset Bracket Fasteners



BH1-H8

BH4-H8



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

UPC/Part Number	Catalog Number	Description	Box Qty.
78101118935	BH1-H8	#8 Wire or 1/4" Plain Rod	100

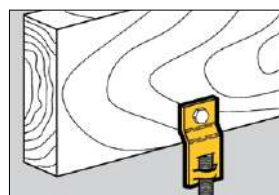
78101118975	BH2-H8	3/8" Plain Rod	100
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UPC/Part Number	Catalog Number	Threaded Rod Size	Box Qty.
78101119015	BH4-H8	1/4"-20	100
78101119095	BH6-H8	3/8"-16	100
78101119055	BH5-H8 *	1/4"-20 or 3/8"-16	100

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

Threaded Rod Hangers



.406"Ø

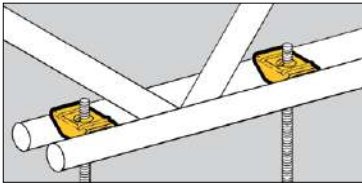


- Suspend 3/8" threaded rod from ceilings, walls, beams, and joists.
- Finish: Zinc plated.
- Static Load Capacity: 610 Lbs.

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101661	B3223-3/8	Offset Eye Socket	100

Read safety/installation instruction sheets in packages before use.

Wedge Hangers



BH11

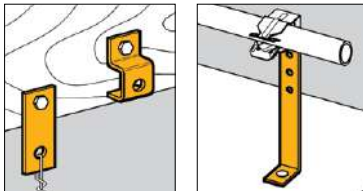
BH12



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

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

Brackets



BD2

BD4

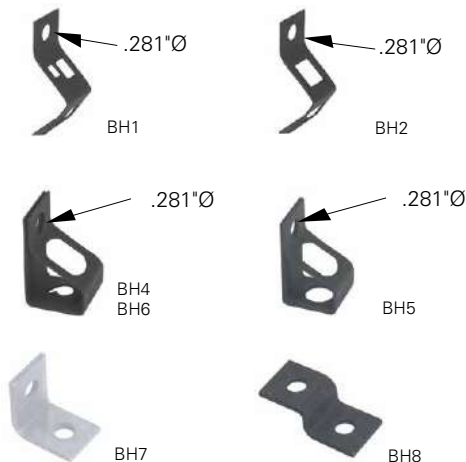
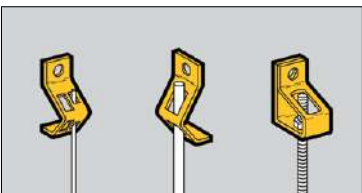


BA28B

- 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.

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

Components



BH1

BH2

BH4

BH6

BH5

BH7

BH8



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

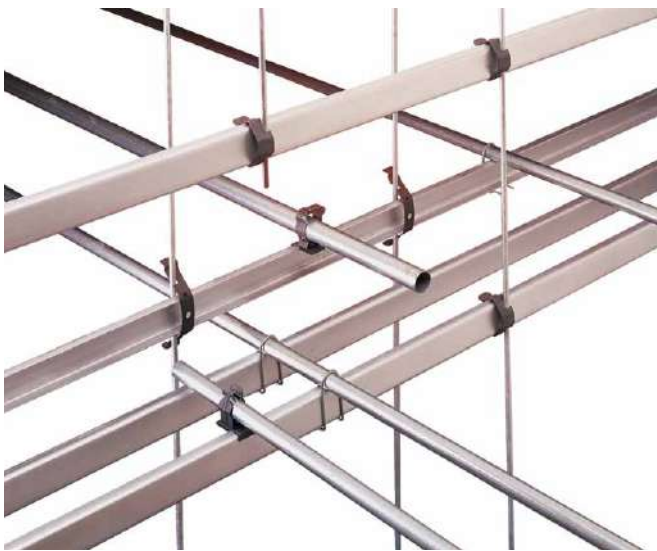
UPC/Part Number	Catalog number	Description	Box Qty.
78101118800	BH1	#8 Wire or 1/4" Plain Rod	100
78101118805	BH2	For 3/8" Plain Rod	100
78101118815	BH4	For 1/4" Threaded Rod	100
78101118825	BH6	For 3/8" Threaded Rod	100
78101118820	BH5 *	For 1/4" & 3/8" Threaded Rod	100
78101118830	BH7	Angle Bracket 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

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

Read safety/installation instruction sheets in packages before use.

Notes

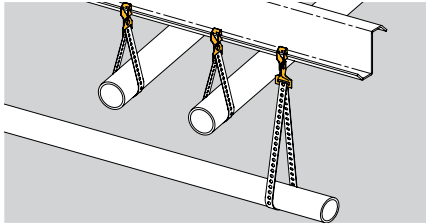
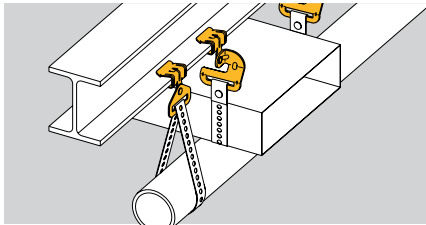
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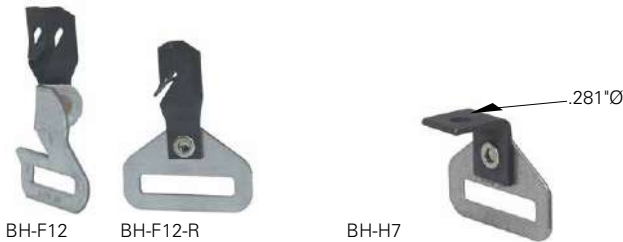
Eaton offers B-Line series solutions for fastening standard lather channels to wires or plain rods.



Strap Hangers



"Z" Purlin Hangers



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.

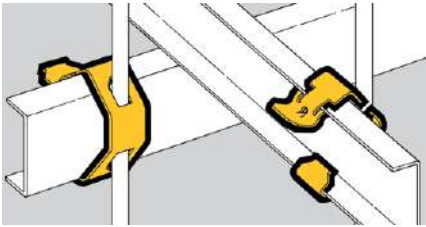


UPC/Part Number	Catalog Number	Description	Flange Thickness	Box Qty.
78101104930	BHE-1-2	Parallel	⅛" to ⅝"	100
78101118870	BH-2-4	Parallel	⅛" to ¼"	100
78101118880	BH-5-8	Parallel	⅝" to ½"	100
78101118890	BH-9-12	Parallel	¾" to ¾"	100
78101104115	BH-1-2-R	Right Angle	⅛" to ⅝"	100
78101118875	BH-2-4-R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



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

Rod & Wire Fasteners



Side Mounts



BL-24-2

BL-24-4



Center Mount

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

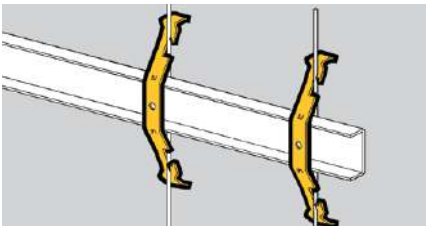


UPC/Part Number	Catalog Number	Channel Size	Rod/Wire Size	Box Qty.
78101119882	BL-24-2	1½"	#8 Wire	100
78101119883	BL-24-4	1½"	¼"	100
78101119885	BL-32-4	2"	¼"	100



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

Rod & Wire Fasteners



BL1

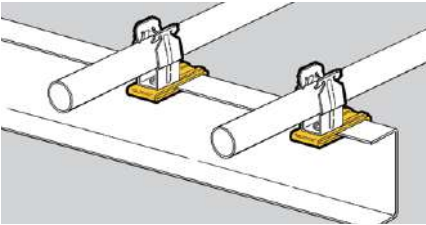
- For fastening standard 1½" lathers channel to wires and plain rods.
- Wire size: #8 and #9.
- Rod size: 3/16" and ¼".
- Fits 9/16" thru 5/8" channel flange widths.
- Static Load Capacity: 100 lbs.



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

Read safety/installation instruction sheets in packages before use.

Flange Fasteners



BL2

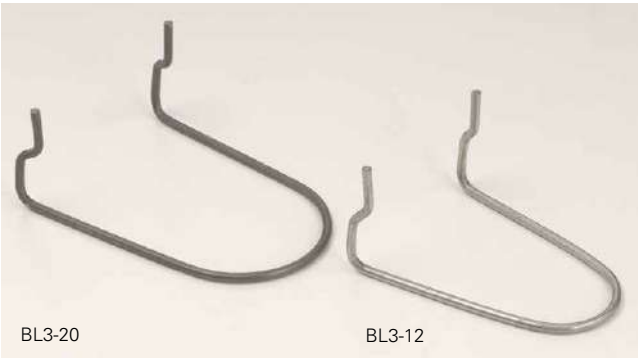
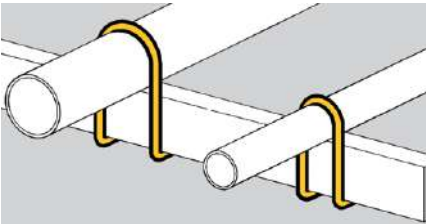
- Serves as a mounting base for conduit fasteners or electrical boxes.
- Attaches to either flange of lathers channel with 1/4"-20 screw (furnished).
- Fits channel flange widths up to 5/8".



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.

Conduit Fasteners



BL3-20

BL3-12

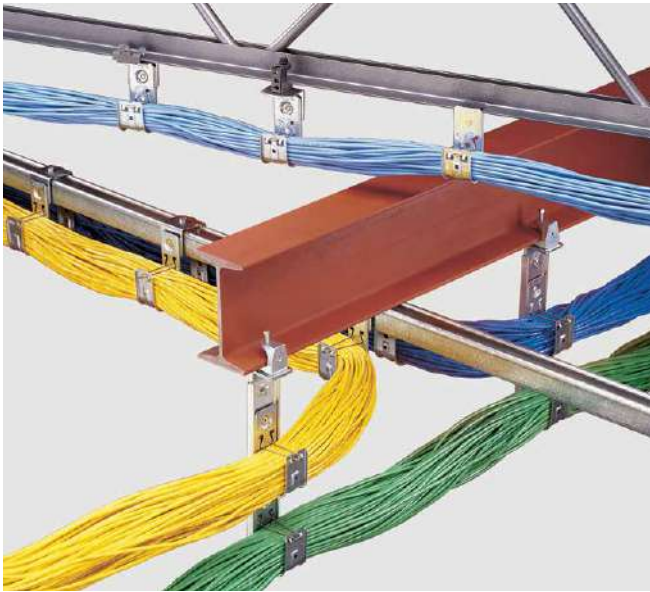
- Fastens EMT to 1 1/2" lathers channel.
- Static Load Capacity: 50 lbs.
- Finish: Zinc-plated.



UPC/Part Number	Catalog Number	EMT Conduit Size	Box Qty.
78101119902	BL3-8	1/2"	100
78101119903	BL3-12	3/4"	100
78101119904	BL3-16	1"	100
78101119905	BL3-20	1 1/4"	100

Notes

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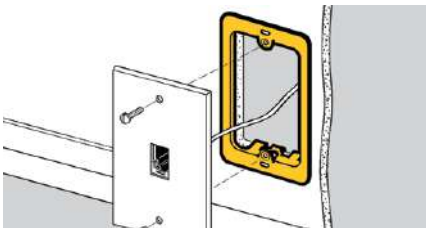


When it comes to cable management solutions for data centers and light-duty commercial, low-voltage telecommunication and network cable organization, you can rely on Eaton's B-Line series solutions.

Our cable hooks, j-hooks, bridle rings and more provide an ideal solution to install your cable pathways easily and quickly.



Cover Plate Mounting Brackets



- Replaces electrical box in Class 2 low voltage installations.
- Provides attachment base for low voltage outlets.
- Accepts standard and decorator style cover plates.
- Maximum 1 1/4" drywall thickness.
- Finish: Pre-galvanized.

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



BB10



BB10-2



BB10-3



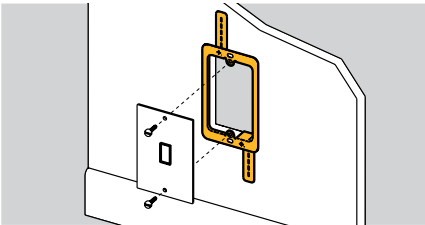
BB10-4



BB20

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

Cover Plate Mounting Bracket

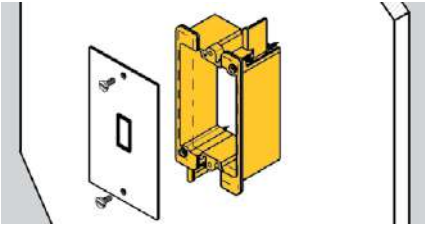


- Replaces electrical box in Class 2 low voltage installations.
- Provides attachment base for low voltage outlets.
- Maximum 1¼" drywall thickness.
- Finish: Pre-galvanized.



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

Plastic Cover Plate Mounting Bracket



- 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".

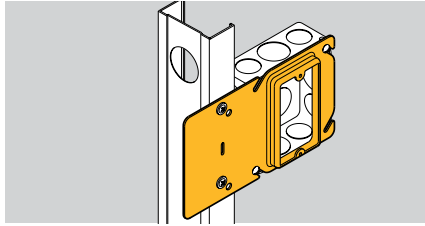


UPC/Part Number	Catalog Number	Description	Box Qty.
78205139235	BB10P	Single Gang Bracket	50

BB10P

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 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.

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

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

All other trademarks are property of their respective owners.

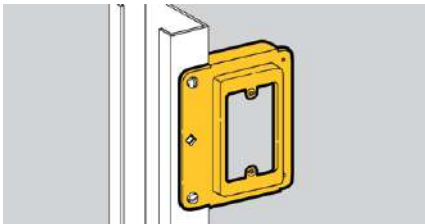


Single Gang



Double Gang

Cover Plate Mounting Bracket



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

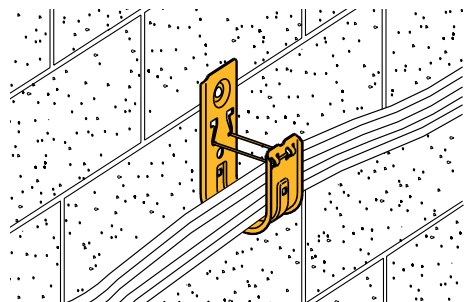
UPC/Part Number	Catalog Number	Description	Box Qty.
78101119873	BB15	Single Gang Stud Bracket	25



BB15

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

Cable Hooks



- Supports Cat. 5e/6/6A fiber optic, innerduct and low voltage cabling requirements
- Recessed mounting hole protects cables from screw head during installation
- Cable retainer clips are included with hooks
- Static load capacity: 30 lbs.
- Finish: Pre-galvanized



UPC/Part Number	Catalog Number	Hook Size	Box Qty.
78205128060	BCH12	¾"	50
78101104713	BCH21	1⅝"	50
78101104717	BCH32	2"	50
78101104721	BCH64	4"	25



BCH21

BCH32

BCH64



BCH12

Open

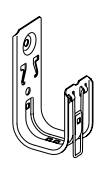
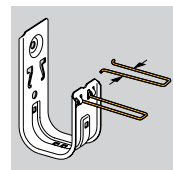
Closed

Cable Capacity

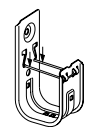
Catalog Number	Area (in²)	Cable Capacity		
		Cat 5e 0.21" OD	Cat 6 0.23" OD	Cat 6A 0.30" OD
BCH12	0.66	16	10	-
BCH21	1.64	50	32	18
BCH32	3.96	80	67	39
BCH64	15.58	315	262	154

Cable capacity is calculated based of 70% fill rate and verified with physical testing.

Replacement Cable Retainer Clips



Retainer in open position



Push retainer down to lock

- 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.

UPC/Part Number	Catalog Number	Cable Retainer For Hook Size	Box Qty.
78101104847	BCHR21	BCH21	50
78101104848	BCHR32	BCH32	50
78101104849	BCHR64	BCH64	50

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

Painted Cable Hooks



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

- 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.

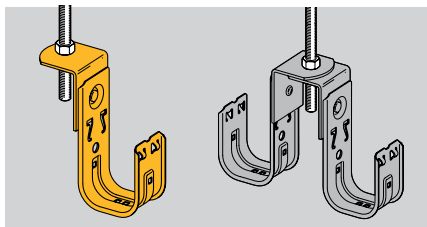
Cable Color ID Clip



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

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

Cable-to-ATR Fasteners



BCH21-AB

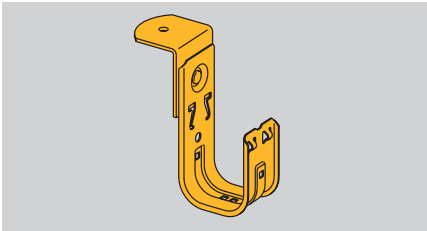
Read safety/installation instruction sheets in packages before use.

- .505" diameter hole designed to support cable from 3/8" or 1/2" threaded rod.
- Allows back-to-back and multi-tier installations.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 lbs.
- Finish: Pre-galvanized.



UPC/Part Number	Catalog Number	Hook Size	Hole Size	Box Qty.
78101104725	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



BCH12-RB



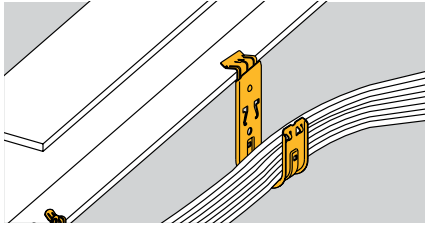
- Designed for direct attachment to structures.
- Supports cable from 1/4" threaded rod.
- .265" diameter hole accepts anchors, screws or common nails.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 lbs.
- Finish: Pre-galvanized.

UPC/Part Number	Catalog Number	Hook Size	Hole Size	Box Qty.
78205128089	BCH12-RB	3/4"	.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 page 128 for reference data.)

Read safety/installation instruction sheets in packages before use.

Cable-to-Beam Fasteners



BCH12-E-2-4

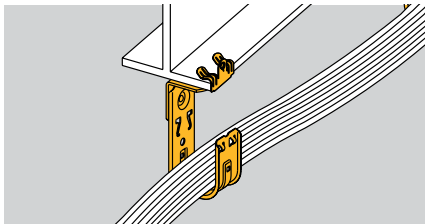
- Permits fast and easy installation on beam flanges.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 lbs.
- Finish: Pre-galvanized.



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

(See page 128 for reference data.)

Cable-to-Beam Fasteners



Allows
360°
Rotation

BCH12-U-2-4

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

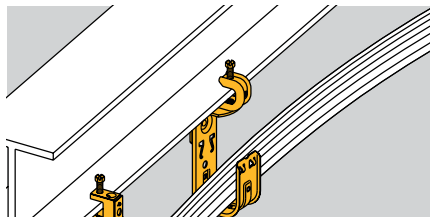


UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128062	BCH12-U-2-4	3/4"	1/8" to 1/4"	50
78205128064	BCH12-U-5-8	3/4"	5/16" to 1/2"	50
78205128066	BCH12-U-9-12	3/4"	9/16" to 3/4"	50
78101104809	BCH21-U-2-4	1 5/16"	1/8" to 1/4"	50
78101104811	BCH21-U-5-8	1 5/16"	5/16" to 1/2"	50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

(See page 128 for reference data.)

Read safety/installation instruction sheets in packages before use.

Cable-to-Beam Fasteners



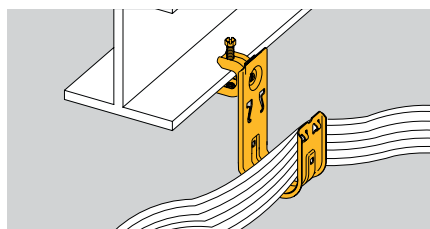
BCH12-C442



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

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

Cable-to-Beam Fasteners



BCH12-C442A

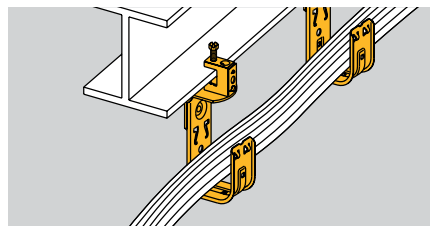


- 360° rotation allows cable to run in any direction.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 lbs.
- Finish: Pre-galvanized.

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

(See page 128 for reference data.)

Cable-to-Beam Fasteners



BCH12-C2

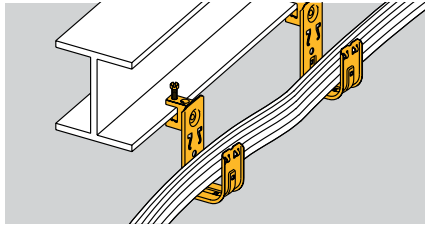


- 360° rotation allows cable to run in any direction.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 lbs.
- Finish: Pre-galvanized.

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

Read safety/installation instruction sheets in packages before use.

Cable-to-Beam Fasteners



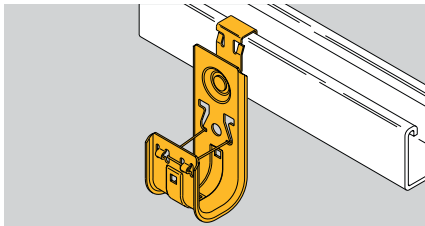
BCH12-C1

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

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

(See page 128 for reference data.)

Cable Hook-to-Strut Attachment



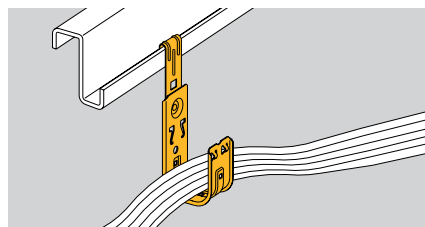
BCH64-SC4

- 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.

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

(See page 128 for reference data.)

Cable-to-Flange Fasteners



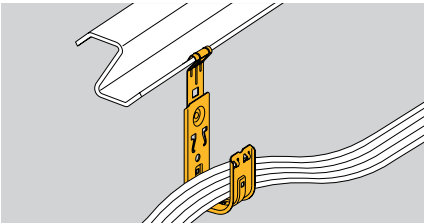
BCH12-F3

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

UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128078	BCH12-F3	3/4"	1/16" to 1/4"	50
78101104815	BCH21-F3	1 5/16"	1/16" to 1/4"	50
78101104837	BCH32-F3	2"	1/16" to 1/4"	50
78101104869	BCH64-F3	4"	1/16" to 1/4"	25

Read safety/installation instruction sheets in packages before use.

Cable-to-Flange Fasteners



BCH12-F4

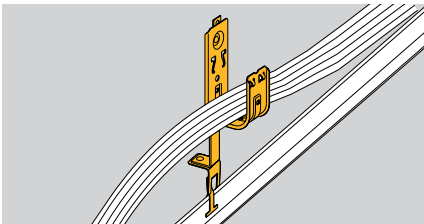
- Supports cable from angled flanges.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 lbs.
- Finish: Pre-galvanized.



UPC/Part Number	Catalog Number	Hook Size	Flange Thickness	Box Qty.
78205128079	BCH12-F4	3/4"	1/16" to 1/4"	50
78101104817	BCH21-F4	1 5/16"	1/16" to 1/4"	50
78101104839	BCH32-F4	2"	1/16" to 1/4"	50
78101104870	BCH64-F4	4"	1/16" to 1/4"	25

(See page 128 for reference data.)

Cable-to T-Bar Fasteners



BCH12-A28

- 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.

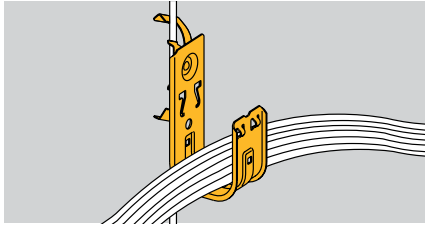


UPC/Part Number	Catalog Number	Description	Box Qty.
78205128083	BCH12-A28	3/4"	50
78101104857	BCH21-A28	1 5/16"	50
78101104858	BCH32-A28	2"	50

(See page 128 for reference data.)

Read safety/installation instruction sheets in packages before use.

Cable-to-Wire and Rod Fasteners



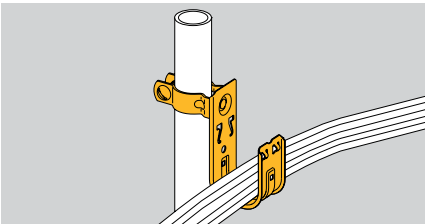
BCH12-W2



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

UPC/Part Number	Catalog Number	Description	Box Qty.
78205146573	BCH12-W2	$\frac{3}{4}$ "	50
78101104819	BCH21-W2	$1\frac{5}{16}$ "	50
78101104841	BCH32-W2	2"	50
78101195529	BCH64-W2	4"	25
78205128082	BCH12-W6	$\frac{3}{4}$ "	50
78101195567	BCH21-W6	$1\frac{5}{16}$ "	50
78101195569	BCH32-W6	2"	50
78101195604	BCH64-W6	4"	25

Cable-to-Floor Support Fasteners



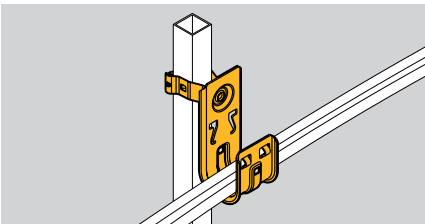
BCH12-L1410



- 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	$\frac{3}{4}$ "	1" O.D.	50
78101104851	BCH21-L1410	$1\frac{5}{16}$ "	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



BCH12-G-8-12w



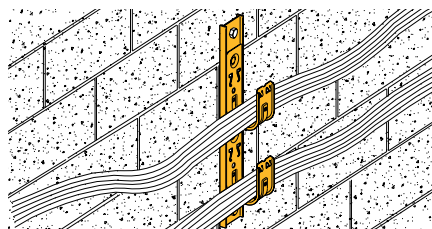
- Supports cable from computer floor post.
- Organizes cable off the floor for a neat installation.
- Cable retainer clips are included with hooks.
- Static Load Capacity: 30 lbs.
- Finish: Pre-galvanized.

UPC/Part Number	Catalog Number	Hook Size	Floor Post Size	Box Qty.
78205128086	BCH12-G-8-12	$\frac{3}{4}$ "	1" Square	50
78101172487	BCH21-G-8-12	$1\frac{5}{16}$ "	1" Square	50
78101172489	BCH32-G-8-12	2"	1" Square	50
78101172491	BCH64-G-8-12	4"	1" Square	25

(See page 128 for reference data.)

Read safety/installation instruction sheets in packages before use.

Single-Sided, Multi-Tier Cable Fasteners



2S

3S



4S

5S

6S

- 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)



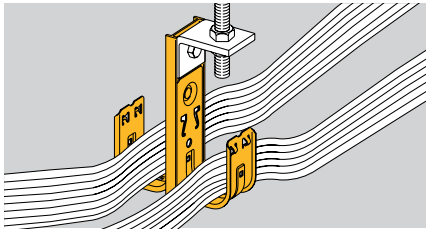
UPC/Part Number	Catalog Number	Hook Size	Description	Box Qty.
78101104773	BCH21-2S	1 $\frac{5}{16}$ "	2 Tier, 1-Sided, 11" Overall Height	20
78101104776	BCH32-2S	2"	2 Tier, 1-Sided, 12 $\frac{3}{4}$ " Overall Height	25
78101195300	BCH64-2S	4"	2 Tier, 1-Sided, 19 $\frac{5}{16}$ " Overall Height	10
78101104779	BCH21-3S	1 $\frac{5}{16}$ "	3 Tier, 1-Sided, 14 $\frac{3}{4}$ " Overall Height	10
78101104782	BCH32-3S	2"	3 Tier, 1-Sided, 17 $\frac{1}{2}$ " Overall Height	10
78101195303	BCH64-3S	4"	3 Tier, 1-Sided, 28 $\frac{1}{16}$ " Overall Height	10

UPC/Part Number	Catalog Number	Hook Size	Description	Box Qty.
78101104785	BCH21-4S	1 $\frac{5}{16}$ "	4 Tier, 1-Sided, 18 $\frac{1}{2}$ " Overall Height	10
78101104788	BCH32-4S	2"	4 Tier, 1-Sided, 21 $\frac{3}{4}$ " Overall Height	10
78101197872	BCH64-4S	4"	4 Tier, 1-Sided, 36 $\frac{13}{16}$ " Overall Height	10
78205150503	BCH64-5S	4"	5 Tier, 1-Sided, 45 $\frac{5}{16}$ " Overall Height	10
78101104791	BCH21-5S	1 $\frac{5}{16}$ "	5 Tier, 1-Sided, 21 $\frac{3}{4}$ " Overall Height	10
78101104794	BCH32-5S	2"	5 Tier, 1-Sided, 27" Overall Height	10
78101104797	BCH21-6S	1 $\frac{5}{16}$ "	6 Tier, 1-Sided, 26" Overall Height	10
78101104800	BCH32-6S	2"	6 Tier, 1-Sided, 31 $\frac{3}{4}$ " Overall Height	10
78205150504	BCH64-6S	4"	6 Tier, 1-Sided, 54 $\frac{5}{16}$ " Overall Height	10

Read safety/installation instruction sheets in packages before use.

(See page 128 for reference data.)

Double-Sided, Multi-Tier Cable Fasteners



1D

2D

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



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

Multi-Tier Support Bar



Shown with BRC5 Brackets



Shown with Cable Hooks

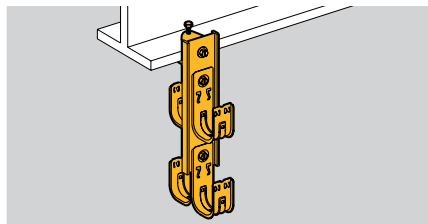


- The BCH-HBA combines a tiered support bar and angle bracket into one piece.
- More flexibility! The BCH-HBA can be supported from $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ " or $\frac{3}{8}$ " rod.
- Mounts up to three BCH21 or BCH32 cable hooks or two BCH64 cable hooks per side.
- Mounts up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

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

(See page 128 for reference data.)

Multi-Tier Cable Hook Kits



- Support bars furnished in 6063-T6 aluminum.

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 13⅝" long with .281Ø holes	20

Multi-Tier Attachment Kits



BCHK1



BCHK2



BCHK3

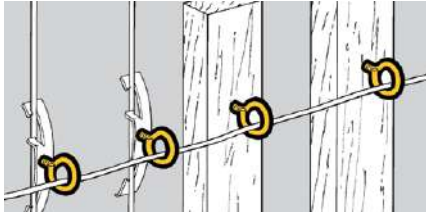
- BCHK1 includes: Beam clamp (B444-1/4) and ¼"-20 x ½" hex head cap screw
- BCHK2 includes: Angle bracket (.320"Ø and .390"Ø holes) and ¼"-20 x ½" hex head cap screw and hex nut
- BCHK3 includes: 1 each BCHK1 Kit and BCHK2 Kit

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

(See page 128 for reference data.)

Read safety/installation instruction sheets in packages before use.

Threaded Bridle Rings



Lag Screw for
Wood Beams

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

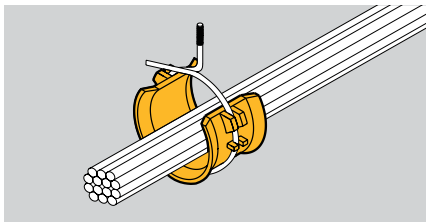


UPC/Part Number	Catalog Number	Ring Size	Thread Size x Thread Length	Box Qty.
78101119550	BR-8-T	1/2"	#10-24 x 9/16"	100
78101119555	BR-12-T	3/4"	#10-24 x 9/16"	100
78101119560	BR-20-T	1 1/4"	#10-24 x 9/16"	100
78101119570	BR-32-T	2"	#10-24 x 9/16"	100
78101119565	BR-20-4T	1 1/4"	1/4"-20 x 9/16"	100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



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	1 1/2"	1/4" x 27/32"	100
78101119876	BR-32-4W	2"	1/4" x 7/8"	100

Bridle Ring Saddles



BRS-32A

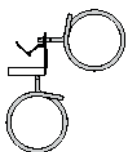
BRS-32

- 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.

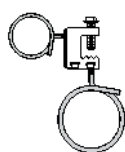


UPC/Part Number	Catalog Number	Thread Size x Thread Length/Description	Box Qty.
78205122761	BRS-32A	1/4"-20 x 7/8" 2" Ring Assembly	50
78205122762	BRS-64A	1/4"-20 x 1" 4" Ring Assembly	25
78205122759	BRS-32	2" Saddle Only	50

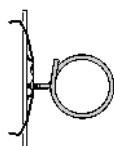
Also available for use with the following B-Line series Fasteners.



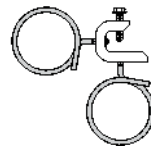
BU-9-12



BC1



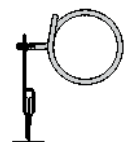
BW2



BC442



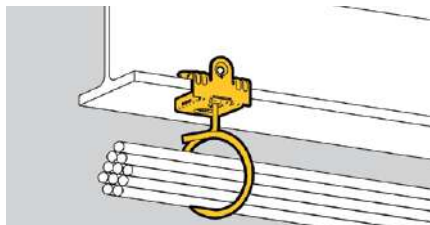
BH4-F3



BA5-4T

Read safety/installation instruction sheets in packages before use.

Bridle Ring/Beam Fastener Assembly

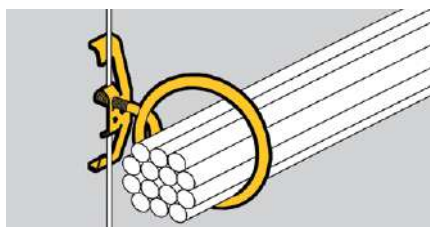


- Supports low voltage communication cables from beam flanges 1/8" to 3/4" thick.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.



UPC/Part Number	Catalog Number	Description	Box Qty.
78101102921	BR-32-4T-U-2-4	1/8" to 1/4"	50
78101102923	BR-32-4T-U-5-8	5/16" to 1/2"	50
78101102924	BR-32-4T-U-9-12	9/16" to 3/4"	50

Bridle Ring/Rod & Wire Fastener Assembly

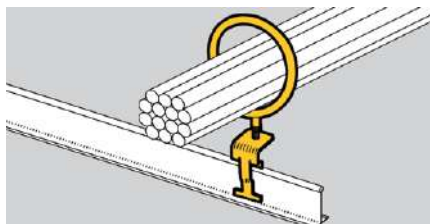


- Supports low voltage communication cables from drop wire.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- Static Load Capacity: 15 lbs.



UPC/Part Number	Catalog Number	Description	Box Qty.
78101102929	BR-32-4T-W2	#12 Wire Thru 1/4" Plain or Threaded Rod	50

Bridle Ring/T-Bar Fastener Assembly

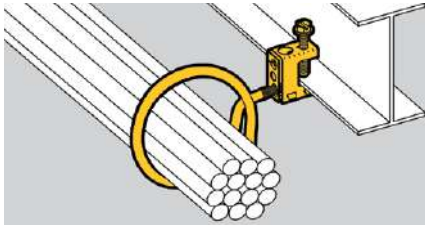


- Supports low voltage communication cables above the T-Bar.
- Pre-assembled with 2" bridle ring.
- Helps reduce installation time.
- For positioning only - No Load Rating.

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

Read safety/installation instruction sheets in packages before use.

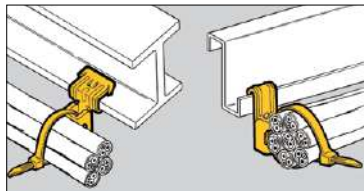
Bridle Ring/Beam Fastener Assembly



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

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

Cable Fasteners



BE Series



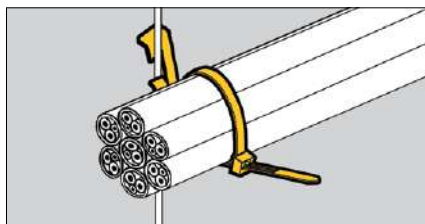
BF Series

- 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.

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

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

Cable Fasteners



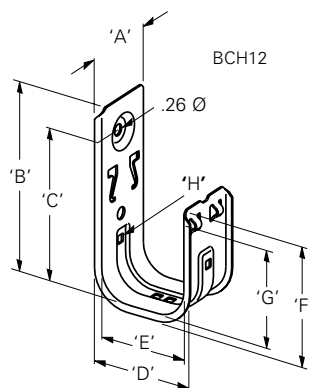
- Supports cable ties up to 9/32" wide from drop wires.
- 8" cable tie included.

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

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

Read safety/installation instruction sheets in packages before use.

Single-Sided Single-Tier Cable Fasteners



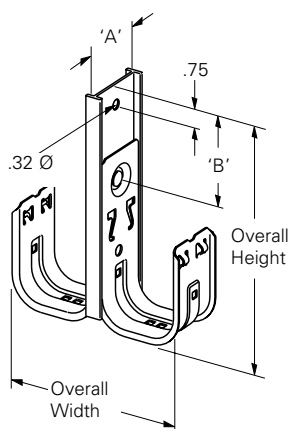
Hook Size In.	'A' In.	'B' In.	'C' In.	'D' In.	'E' In.	'F' In.	'G' In.	'H' In.
3/4	.88	3.18	2.68	1.00	.75	1.69	.94	—
1 5/16	1.62	3.62	2.81	1.69	1.31	2.00	1.37	.20
2	1.62	4.31	3.50	2.38	2.00	2.69	2.06	.20
4	2.00	6.81	5.56	4.55	4.00	4.84	4.06	.31

Load Capacity

Cable Hook Size In.	Static Load Capacity (S.F. 3) Galvanized & Stainless Steel lbs.
3/4	30
1 5/16	30
2	30
4	30

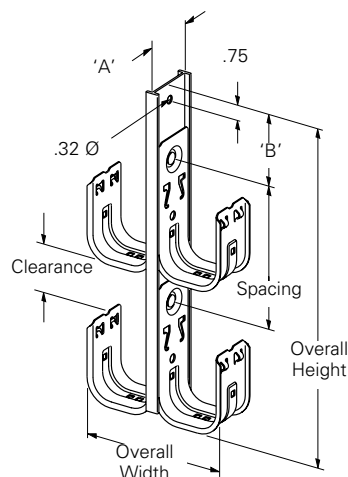
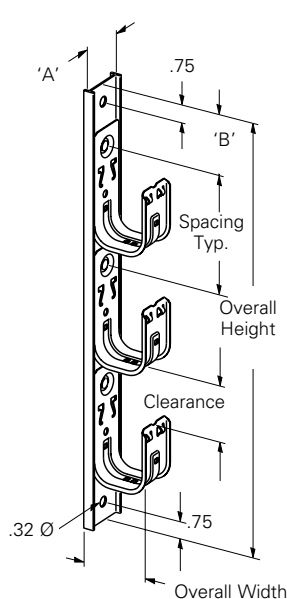
Stated loads are per hook and should not be exceeded. The load capacity of a fastener having more than one component is equal to the load capacity of the lowest rated component.

Double-Sided Single-Tier Cable Fasteners



Hook Size 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

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

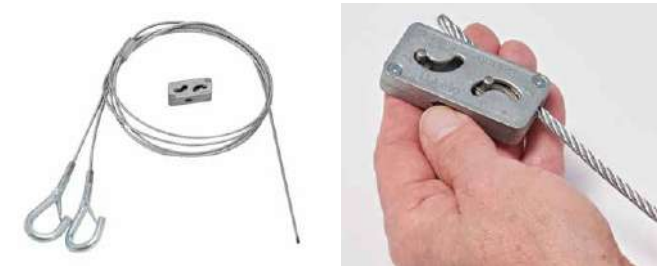
Single-Sided Multi-Tier Cable Fasteners (2 thru 6 Tier)

Hook Size In.	No. Tiers In.	'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

Read safety/installation instruction sheets in packages before use.



- The KwikWire™ Hanging System is a flexible indoor replacement for jack chain and all thread rod that will help reduce your hanging time.
- Installs up to 50% faster - can quickly wrap around beams with no drilling required
 - Simple height adjustments are made by releasing the clamp's adjustment pin - no tools required
 - Aesthetic appeal - blends in with upper structural supports
 - Compatible with many fastener, anchor, and hanger products
 - Ideal for sloped ceiling applications - will support loads at up to a 60° angle from vertical
 - 2 sku's cover a wide range of application requirements

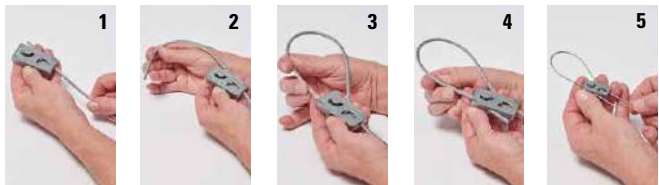


KwikWire Clamps



- 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 pin, 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	3/32", 1/8" & 3/16"	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.

KwikWire Clamp Working Loads*		
Clamp Part No.	Wire Rope Dia.	Lbs. Safety Factor 4
BKC100	1/16"	0-75
	3/32"	25-150
BKC200-1	3/32"	25-150
	1/8"	25-250
	3/16"	50-500

* 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%

Read safety/installation instruction sheets in packages before use.

KwikWire Wire Rope



BKW Series

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



7 x 7



7 x 19

KwikPak Kit



- 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.

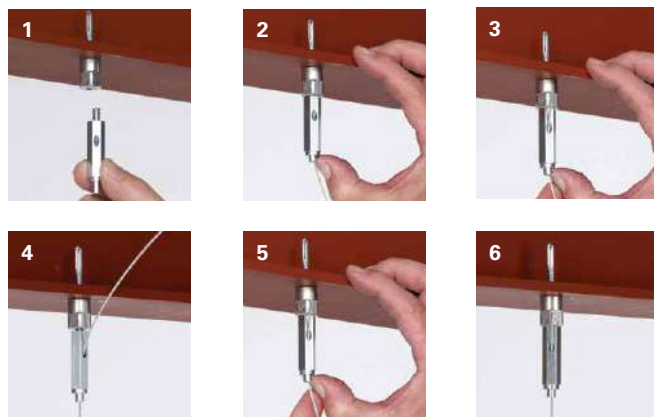


UPC/Part Number	Catalog Number	Kit Includes	Box Qty.
78205140749	BKP10063	BKC100 (100 pcs.) 1/16" Ø Wire Rope (500 ft.)	1
78205140751	BKP10094	BKC100 (100 pcs.) 3/32" Ø Wire Rope (500 ft.)	1
78205140761	BKP20125	BKC200-1 (50 pcs.) 1/8" Ø Wire Rope (500 ft.)	1
78205140763	BKP20188	BKC200-1 (50 pcs.) 3/16"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

KwikWire Hanger



- 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 above for wire rope spools.



UPC/Part Number	Catalog Number	Thread Size	Wire Rope Diameter	Load SF5	Box Qty.
78205158764	BKF100-4	1/4"-20	1/16" 3/32"	45 lbs. 90 lbs.	100
78205158765	BKF100-6	3/8"-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 1/4" minimum is extending out the side of the KwikWire Hanger.
4. To adjust up - pull or push more wire through KwikWire Hanger.
5. To adjust down - push up on bottom of KwikWire Hanger and allow wire to feed down.
6. When hanging the wire is complete, cut off any excess cable wire if desired.

Read safety/installation instruction sheets in packages before use.

KwikWire Accessories



BKL Series

Loop Termination

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



BKH Series

Single & "Y" Style Hook Termination

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



BKYH Series



BKT Series

Single & "Y" Style Toggle Termination

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



BKYT Series

KwikWire Accessories

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.



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.



BKCP



B601-62



BKCC

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



Never use cutters on energized circuits, wire, or cable.

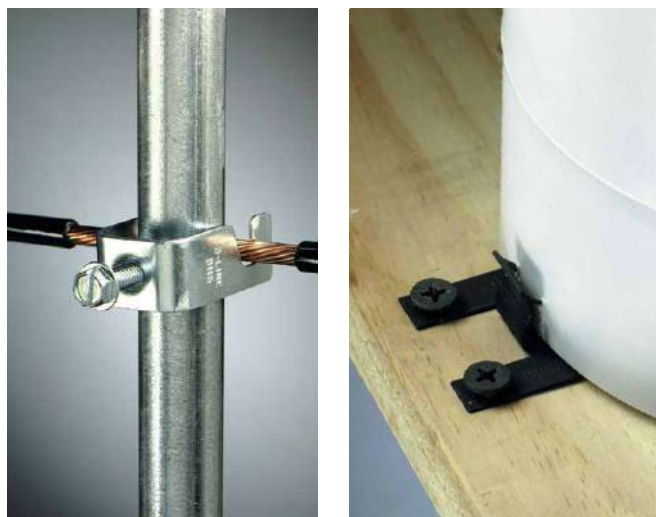
Doing so could result in death, personal injury or property damage.

Note: Additional accessories include BE Series (page 79) and BF Series (pages 93, 94 & 96).

* Not for use of cutting 3/8" diameter cable.

Application Photos

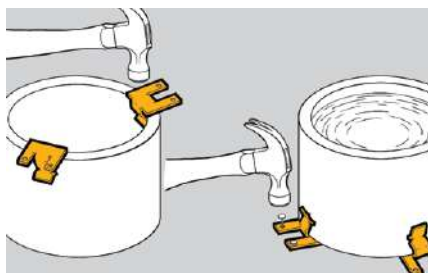




Eaton offers a wide variety of B-Line series fasteners and hanging systems for electrical, mechanical and telecommunications suspension applications, such as light fixtures, sway bracing, wire basket tray, air handling equipment, duct supports, sign or banner supports, bus duct, drop ceilings and more.

Whether you are suspending from a ceiling, beam, lathers channel, strut or purlin, Eaton can meet your need with time-saving solutions.

Pipe Sleeve Fasteners

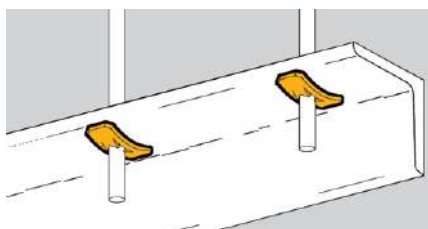


BD40

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

UPC/Part Number	Catalog Number	Sleeve Diameter	Wall Thickness	Box Qty.
78101118285	BD40	All Dia.	$\frac{5}{16}$ " & Under	100
78101118285	BD40	2" to 6"	Schedule 40 Pipe	100

Accessory Nuts



BN-4, BN-6
Push Nuts

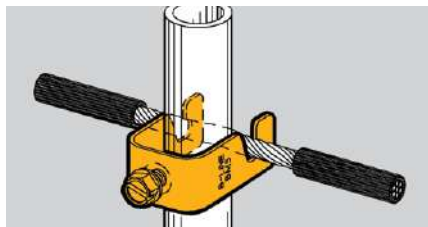
BN1
"U" Nuts With
Thread Impression

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

UPC/Part Number	Catalog Number	Rod/Wire Size	Static Load Capacity	Box Qty.
78101119120	BN-4	$\frac{1}{4}$ " Plain Rod	100 lbs. thru $\frac{3}{8}$ " hole	100
78101119125	BN-6	$\frac{3}{8}$ " Plain Rod	200 lbs. thru $\frac{1}{2}$ " hole	100
78101119110	BN1	$\frac{1}{4}$ " Threaded Rod	50 lbs. on $\frac{5}{32}$ " hole	100

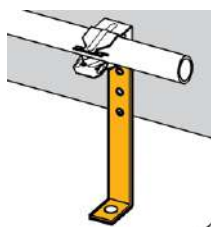
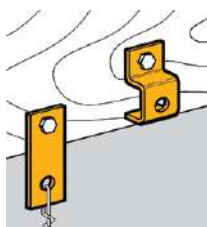
*Read safety/installation instruction sheets in packages before use.
These products are designed for positioning only. No load rating.*

Reference Wire Fasteners



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

UPC/Part Number	Catalog Number	Description	Box Qty.
78101101659	BM5	Single Reference Grid Wire Fastener	100



BD2

BD4

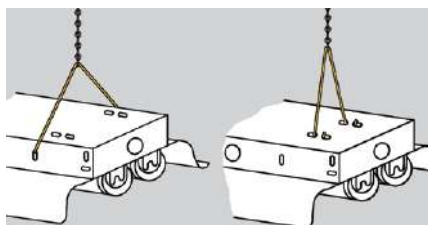
BA28B

- 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.

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

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

Light Fixture Hangers



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

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

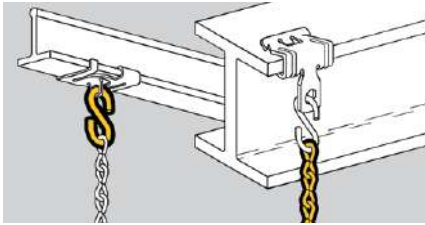


BH15

BH16

Read safety/installation instruction sheets in packages before use.

Jack Chain & "S" Hooks



BH10

BH9
BH9-10



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

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

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 ¾"	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.



Eaton's B-Line series anchors are designed for use with wood, steel and concrete applications.



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 - 1⅜"	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 - ⅜"	118 - 1⅜"	H - Hex	
ADE - Double Expansion Anchor	18 - ¾"	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 - 3/8"	187 - 1⅞"	M - Mushroom	
ADN - Drive Nail	50 - ½"	200 - 2"	OH - Oval Head	
AMS - Machine Screw	62 - 5/8"	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"		
AWA - Wedge Anchor		600 - 6"		
AWSD - Seismic Wedge Anchor		700 - 7"		
AWS - Wall Screw				
AZD - Zinc Driller				
AZDM - Zinc Driller-Mini				

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

Read safety/installation instruction sheets in packages before use.

† All other trademarks are property of their respective owners.

Rapid Rod Hangers



ARS Series



ARS SW Series



ARS HN Series

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

- 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.
- Finish: Zinc-plated carbon steel.

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	1/4"	1/4" x 1"	25
79903875928	ARS-37-200-2	3/8"	1/4" x 2"	25
79903875923	ARS-37-100HN-2**	3/8"	1/4" x 1" w/nuts	25
79903875925	ARS-37-150-2	3/8"	1/4" x 1 1/2"	25
79903875927	ARS-37-150HN-2**	3/8"	1/4" x 1 1/2" w/nuts	25
Steel Rod Hanger - Side Mount - Point Style #3 For Purlins				
79903875921	ARS-25-100SW-2	1/4"	1/4" x 1" w/nuts	25
79903875924	ARS-37-100SW-2	3/8"	1/4" x 1" w/nuts	25
Steel Rod Hanger - Point Style #5 For Purlins				
79903875926	ARS-37-150HDHN-2**	3/8"	#12-24 x 1 1/2" w/nuts	25

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

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

Read safety/installation instruction sheets in packages before use.

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

- 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.
- Finish: Zinc-plated carbon steel.

Rapid Rod Hangers - Concrete

Concrete Rapid Rod - Data

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

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

Rapid Rod Hangers - Wood

Wood Rapid Rod™ - Data

	¼" Thread Forming	⅜" Thread Forming
Pre-Drill Diameter (in.)	⅛	⅛
Point Style	Type 17	Type 17

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

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

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

† Not ICC-ES Certified.

Rapid Rod Hangers



ARC Series



ARW Series

UPC/Part Number	Catalog Number	Tool Description	Box Qty.
Tools			
79903875900	7187-2	Wood Socket	1
79903875901	7195-2	1/4" Concrete Socket	1
79903875902	7197-2	3/8" Concrete Socket	1
78205153360	5874	Concrete Tapper Sleeve Assy.	1
78205153361	5866	1/4" X 6" Hex Shank SDS Drill Bit	1

UPC/Part Number	Catalog Number	Rod Size	Shank Size & Length	Box Qty.
Concrete Rod Hanger				
79903875917	ARC-25-125-2	1/4"	1/4" x 1 1/2"	25
79903875918	ARC-37-150-2	3/8"	1/4" x 1 1/2"	25
79903875919	ARC-50-275-2	1/2"	1/2" x 2 1/2"	50

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	1/4"	1/4" x 2"	25
79903875931	ARW-37-100-2	3/8"	1/4" x 1"	25
79903875933	ARW-37-200-2	3/8"	1/4" x 2"	25
79903875935	ARW-37-250-2	3/8"	5/16" x 2 1/2"	25
79903875936	ARW-50-250-2	1/2"	5/16" x 2 1/2"	25

Wood Rod Hanger - Side Mount - Point Style Type 17				
79903875929	ARW-25-100SW-2	1/4"	1/4" x 1"	25
79903875934	ARW-37-200SW-2	3/8"	1/4" x 2"	25
79903875932	ARW-37-100SW-2	3/8"	1/4" x 1"	25

Drop-in Anchors[‡]



Smooth Wall



Flanged



Setting Tool

- 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.
- Finish: Zinc-plated or stainless steel.

[‡] Not ICC-ES certified

Drop-In Anchors - Data	1/4"	3/8"	1/2"	5/8"	3/4"
ANSI Drill Bit Size (in.)	3/8"	1/2"	5/8"	7/8"	1"
Max. Tightening Torque (ft-lbs)	5	10	20	40	80
Thread Size (UNC)	1/4"-20	3/8"-16	1/2"-13	5/8"-11	3/4"-10
Min. Embedment Depth (in.)	1	1 1/8"	2	2 1/2"	3 1/8"
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	Pin Length	Box Qty.
Setting Tools				
78101103229	6305	1/4"	39/64"	1
78101103231	6307	3/8"	6 1/64"	1
78101103232	6309	1/2"	1 3/16"	1
78101103233	6311	5/8"	1 1/15"	1
78101103234	6313	3/4"	1 61/64"	1

UPC/Part Number	Catalog Number	Rod Size	Anchor Length	Thread Depth	Box Qty.
Drop-In Anchor - Smooth Wall - Steel					
78101103218	ADI-25	1/4"	1"	7/16"	100
78101103219	ADI-37	3/8"	1 1/8"	5/8"	50
78101103220	ADI-50	1/2"	2"	1 3/16"	50
78101103221	ADI-62	5/8"	2 1/2"	1 13/16"	25
78101103222	ADI-75	3/4"	3 3/16"	1 3/8"	10
Drop-In Anchor - Smooth Wall - Stainless Steel					
78101103223	ADI-25SS4	1/4"	1"	7/16"	100
78101103224	ADI-37SS4	3/8"	1 1/8"	5/8"	50
78101103226	ADI-50SS4	1/2"	2"	1 3/16"	50
78101103227	ADI-62SS4	5/8"	2 1/2"	1 13/16"	25
78101103228	ADI-75SS4	3/4"	3 3/16"	1 3/8"	10
Drop-In Hanger - Flanged - Steel					
78205153297	ADI-25FL	1/4"	1"	7/16"	100
78205153298	ADI-37FL	3/8"	1 1/8"	5/8"	50
78205153299	ADI-50FL	1/2"	2"	1 3/16"	50

Read safety/installation instruction sheets in packages before use.

Mini Drop-in Anchors[‡]



Anchor



Setting Tool

Mini Drop-In Anchors - Data	1/4"	3/8"	1/2"
ANSI Drill Bit Size (in.)	3/8	1/2	5/8
Max. Tightening Torque (ft-lbs)	3	5	10
Thread Size (UNC)	1/4"-20	3/8"-16	1/2"-13
Min. Embedment Depth (in.)	5/8	3/4	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.

- 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
- Finish: Zinc-plated.
- FM approved.

UPC/Part Number	Catalog Number	Rod Size	Thread Depth	Box Qty.
Mini Drop-In Anchor - Steel				
78205153300	ADM-25	1/4"	3/8"	100
78205153302	ADM-37	3/8"	13/32"	50
78205153302	ADM-50	1/2"	5/8"	50
Setting Tools				
78205153301	6336	1/4"	—	1
78205153303	6323	3/8"	—	1
78205153305	6338	1/2"	—	1

[‡] Not ICC-ES certified

Plastic Conical Anchors[‡]



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.

- 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.

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.

Hollow Base Drop-in Anchors[‡]



Anchor



Setting Tool

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

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

- 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.
- Finish: Zinc-plated.

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

‡ Not ICC-ES certified

Concrete Screw Bolts



Concrete Screw Bolts - Data	1/4"	3/8"
Drill Bit Size (in.)	1/4	3/8
Min. Embedment Depth (in.)	1	1 1/2
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.

- 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.

UPC/Part Number	Catalog Number	Anchor Size	Box Qty.
Screw Type Anchor - Steel			
79903875903	ACB-25-175-2	1/4" x 1 3/4"	25
79903875904	ACB-25-225-2	1/4" x 2 1/4"	25
79903875905	ACB-25-300-2	1/4" x 3"	25
79903875906	ACB-37-175-2	3/8" x 1 3/4"	25
79903875907	ACB-37-250-2	3/8" x 2 1/2"	25
79903875908	ACB-37-300-2	3/8" x 3"	25
79903875909	ACB-37-400-2	3/8" x 4"	25

Read safety/installation instruction sheets in packages before use.

Concrete Screws



Straight Shank Drill Bit



SDS Hex Drill Bit



Hex Head



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

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

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

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

- 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.

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
Setting Tool				
78101103453	2791	Concrete Screw Tool Kit		100

Wedge Expansion Anchors



Wedge Expansion Anchor - Data	¼"	⅜"	½"	⅝"
ANSI Drill Bit Size (in.)	¼	⅜	½	⅝
Fixture Clearance Hole (in.)	⅝ ₁₆	⅞ ₁₆	1 ¹ / ₁₆	1 ¹ / ₈
Thread Size (UNC)	¼"-20	⅜"-16	½"-13	⅝"-11
Washer O.D. (in.)	⅝	1 ¹ / ₁₆	1 ¹ / ₈	1 ³ / ₈
Wrench Size	⅞	1 ¹ / ₈	1 ³ / ₈	1 ⁵ / ₈
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	¼"
ANSI Drill Bit Size (in.)	¼
Min. Embedment Depth (in.)	1 ¹ / ₈
Head Height (in.)	¾
Load Capacity Tension (lbs) *	360
Load Capacity Shear (lbs) *	405

UPC/Part Number	Catalog Number	Size	Hole Size	Box Qty.
Wire Hanger				
101103106	AWA-25-200WH	¼" 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.

- 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 ½" diameter, head height ¾".
- UL & FM approved.
- Finish: Zinc-plated carbon steel or Type 304 stainless steel.

UPC/Part Number	Catalog Number	Size	Thread Length	Box Qty.
Wedge Anchor				
78101103068	AWA-25-175	¼" x 1 ³ / ₄ "	¾"	100
78101103069	AWA-25-225	¼" x 2 ¹ / ₄ "	1 ¹ / ₄ "	100
78101103070	AWA-25-325	¼" x 3 ¹ / ₄ "	2 ¹ / ₄ "	100
78101103071	AWA-37-225	⅜" x 2 ¹ / ₄ "	1 ¹ / ₄ "	50
78101103072	AWA-37-275	⅜" x 2 ³ / ₄ "	1 ⁵ / ₈ "	50
78101103073	AWA-37-300	⅜" x 3"	1 ⁷ / ₈ "	50
78205153364	AWA-37-350	⅜" x 3 ¹ / ₂ "	2 ³ / ₈ "	50
78101103074	AWA-37-375	⅜" x 3 ³ / ₄ "	2 ⁵ / ₈ "	50
78101103075	AWA-37-500	⅜" x 5"	3 ¹ / ₈ "	50
78205153366	AWA-50-275	½" x 2 ³ / ₄ "	1 ³ / ₈ "	50
78101103077	AWA-50-375	½" x 3 ³ / ₄ "	2 ³ / ₈ "	50
78205145636	AWA-50-450	½" x 4 ¹ / ₂ "	3 ¹ / ₈ "	50
78101103079	AWA-50-550	½" x 5 ¹ / ₂ "	4 ¹ / ₈ "	50
78101103080	AWA-50-700	½" x 7"	5 ⁵ / ₈ "	25
78101103081	AWA-62-350	⅝" x 3 ¹ / ₂ "	2"	25
78101103082	AWA-62-450	⅝" x 4 ¹ / ₂ "	3"	25
78101103083	AWA-62-500	⅝" x 5"	3 ¹ / ₂ "	25
78101103084	AWA-62-600	⅝" x 6"	4 ¹ / ₂ "	25
78101103085	AWA-62-700	⅝" x 7"	5 ¹ / ₂ "	25

Wedge Anchor - Stainless Steel				
78101103146	AWA-25-175SS4	¼" x 1 ³ / ₄ "	¾"	100
78101103147	AWA-25-225SS4	¼" x 2 ¹ / ₄ "	1 ¹ / ₄ "	100
78101103148	AWA-25-325SS4	¼" x 3 ¹ / ₄ "	2 ¹ / ₄ "	100
78101103149	AWA-37-225SS4	⅜" x 2 ¹ / ₄ "	1 ¹ / ₄ "	50
78101103150	AWA-37-275SS4	⅜" x 2 ³ / ₄ "	1 ⁵ / ₈ "	50
7810110151	AWA-37-300SS4	⅜" x 3"	1 ⁷ / ₈ "	50
78205153365	AWA-37-350SS4	⅜" x 3 ¹ / ₂ "	2 ³ / ₈ "	50
78101103152	AWA-37-375SS4	⅜" x 3 ³ / ₄ "	2 ⁵ / ₈ "	50
78101103153	AWA-37-500SS4	⅜" x 5"	3 ¹ / ₈ "	50
78101103154	AWA-50-275SS4	½" x 2 ³ / ₄ "	1 ³ / ₈ "	50
78101103155	AWA-50-375SS4	½" x 3 ³ / ₄ "	2 ³ / ₈ "	50
78205153367	AWA-50-450SS4	½" x 4 ¹ / ₂ "	3 ¹ / ₈ "	50
78101103157	AWA-50-550SS4	½" x 5 ¹ / ₂ "	4 ¹ / ₈ "	50
78205153368	AWA-50-700SS4	½" x 7"	5 ⁵ / ₈ "	25
78205153369	AWA-62-350SS4	⅝" x 3 ¹ / ₂ "	2"	25
78205153370	AWA-62-450SS4	⅝" x 4 ¹ / ₂ "	3"	25
78205153779	AWA-62-500SS4	⅝" x 5"	3 ¹ / ₂ "	25
78205153371	AWA-62-600SS4	⅝" x 6"	4 ¹ / ₂ "	25
78205143044	AWA-62-700SS4	⅝" x 7"	5 ¹ / ₂ "	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 Anchors

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.

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

Drive Anchor



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.

- 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)
- Finish: Zinc-plated carbon steel.

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



Hex Nut (HN) Style



Acorn Nut (AN) Style



Slotted Round Head (RS) Style

Sleeve Type Expansion - Data	1/4"	3/8"	1/2"	5/8"	3/4"
ANSI Drill Bit Size (in.)	1/4	3/8	1/2	5/8	3/4
Fixture Clearance Hole (in.)	5/16	7/16	9/16	1 1/16	1 5/16
Plow Bolt Size (UNC)	#10-24	5/16"-18	3/8"-16	1/2"-13	5/8"-11
Min. Embedment Depth (in.)	1 1/2	1 1/4	1 1/2	2	2 1/4
Load Capacity Tension (lbs) *	65	540	645	1405	1455
Load Capacity Shear (lbs) *	250	1030	1215	1215	2760

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



Rod Hanger (RH) Style



Wire Hanger (WH) Style

Sleeve Type Expansion - Data	1/4"	Hanger Rod 3/8"	Wire Hanger 1/2"	5/16"
ANSI Drill Bit Size (in.)	1/4	3/8	1/2	5/16
Fixture Clearance Hole (in.)	NA	NA	NA	1/4
Plow Bolt Size (UNC)	#10-24	5/16"-18	3/8"-16	1/4"-20
Coupling Height (in.)	7/8	1	1 1/4	NA
Min. Embedment Depth (in.)	1 1/2	1 1/4	1 1/2	1
Load Capacity Tension (lbs) *	65	540	645	350
Load Capacity Shear (lbs) *	250	1030	1215	590

* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading go to www.eaton.com.

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

- 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.
- Finish: Zinc-plated steel or Type 304 stainless steel.

UPC/Part Number	Catalog Number	Size	Thread Length	Box Qty.
Hex Nut Style				
78101102995	ASA-37-187HN	3/8" x 1 1/8"	1 5/8"	50
78101102996	ASA-37-300HN	3/8" x 3"	1 5/8"	50
78205153400	ASA-37-400HN	3/8" x 4"	1 5/8"	50
78101102997	ASA-50-225HN	1/2" x 2 1/2"	2 1/8"	25
78101102998	ASA-50-300HN	1/2" x 3"	2 1/4"	25
78101102999	ASA-50-400HN	1/2" x 3 3/4"	2 1/4"	25
78205153351	ASA-50-525HN	1/2" x 5 1/4"	2 1/4"	25
78101103002	ASA-50-600HN	1/2" x 6"	2 1/4"	10
78101103003	ASA-62-225HN	5/8" x 2 1/2"	2 1/8"	25
78101103004	ASA-62-300HN	5/8" x 3"	2 3/4"	25
78101103005	ASA-62-425HN	5/8" x 4 1/4"	2 3/4"	10
78101103006	ASA-62-600HN	5/8" x 5 3/4"	2 3/4"	10
78101103007	ASA-75-250HN	3/4" x 2 3/4"	2 1/8"	10
78101103008	ASA-75-425HN	3/4" x 4 1/4"	3 3/8"	10
78101103009	ASA-75-625HN	3/4" x 6 1/4"	3 3/8"	10

Hex Nut Style - Stainless Steel				
78205153343	ASA-37-187HNSS4	3/8" x 1 1/8"	1 5/8"	50
78205153345	ASA-37-300HNSS4	3/8" x 3"	1 5/8"	50
78205153347	ASA-50-225HNSS4	1/2" x 2 1/2"	2 1/8"	25
78205153349	ASA-50-300HNSS4	1/2" x 3"	2 1/4"	25
78205153350	ASA-50-400HNSS4	1/2" x 3 3/4"	2 1/4"	25
78205153352	ASA-62-425HNSS4	5/8" x 4 1/4"	2 3/4"	10

Acorn Nut Style				
78205153341	ASA-25-62AN	1/4" x 5/8"	1 1/2"	100
78101102991	ASA-25-137AN	1/4" x 1 3/8"	1 1/8"	100
78101102992	ASA-25-225AN	1/4" x 2 1/4"	1 1/8"	100

Slotted Round Head Style				
78205153338	ASA-25-112RS	1/4" x 1 3/8"	1"	100
78205153340	ASA-25-200RS	1/4" x 2 1/4"	1 1/8"	100

UPC/Part Number	Catalog Number	Size	Drill Diameter	Box Qty.
Rod Hanger				
78205153339	ASA-25-150RH	1/4" x 1 1/2"	5/16"	50
78205153344	ASA-37-187RH	3/8" x 1 7/8"	3/8"	50
78205153348	ASA-50-225RH	1/2" x 2 1/4"	1/2"	25

Wire Hanger				
78205153342	ASA-31-150WH	5/16" x 2 3/8"	5/16"	100

Double Expansion Anchors[‡]



Double Expansion - Data	¼"	⅜"	½"	⅝"
ANSI Drill Bit Size (in.)	½	¾	7/8	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	7/8
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.

- 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.
- Material: Zamac alloy.

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

Single Expansion Anchors[‡]



Single Expansion - Data	¼"	⅜"	½"	⅝"
ANSI Drill Bit Size (in.)	½	¾	7/8	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.)	⅝	⅝	7/8	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.

- 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.
- Material: Zamac alloy.

UPC/Part Number	Catalog Number	Rod Size	Anchor Length	Box Qty.
Single Expansion Anchor				
78101103245	ASE-25	¼"	1⅝"	50
78101103247	ASE-37	⅜"	1½"	50
78101103248	ASE-50	½"	2⅝"	25
78101103249	ASE-62	⅝"	2⅞"	25

[‡] Not ICC-ES listed

Read safety/installation instruction sheets in packages before use.

Wood-Knocker II[†] Anchors



Wood-Knocker-II - Data	1/4"	3/8"	1/2"	5/8"	3/4"
Insert Thread Length (in.)	3/8"	5/8"	1 1/16"	1 5/16"	1 1/2"
Plastic Flange Diameter (in.)	1 3/8"	1 1/2"	1 3/4"	1 7/8"	2"
Thread Size (UNC)	1/4"-20	3/8"-16	1/2"-13	5/8"-11	3/4"-10
Overall Length (in.)	1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"
Min. Insert Spacing (in.)	9	9	9	12	12
Min. End Distance (in.)	6	6	6	9	9
Load Capacity Tension (lbs) *	1240	1605	1605	1550	1550
Load Capacity Shear (lbs) *	495	1775	2465	3785	3785

* Based on normal weight concrete with minimum compression strength of 3000 psi. Allowable load capacities are calculated using applied safety factor of 3.0. For additional loading information contact factory. Minimum embedment depth is 1 1/2". The allowable load must be the lesser of the insert capacity and the steel strength of the rod.

- 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.

UPC/Part Number	Catalog Number	Rod Diameter	Color	Box Qty.
Wood-Knocker-II				
79903875912	ACPW-25-2	1/4"	Brown	100
79903875913	ACPW-37-2	3/8"	Green	100
79903875938	ACPW-3750-2	3/8"-1/2"	Gray	100
79903875914	ACPW-50-2	1/2"	Yellow	100
79903875915	ACPW-62-2	5/8"	Red	50
79903875916	ACPW-75-2	3/4"	Purple	50

ICC-ES listed. See ICC-ES ESR-3657. Qualified for static, wind, and seismic loading in concrete.

† All other trademarks are property of their respective owners.

Bang-It[†] + Anchors



Bang-It [†] + - Data	1/4"	3/8"	1/2"	5/8"	3/4"
Metal Hole Saw Diameter (in.)	1 3/16"	1 3/16"	1 3/16"	1 3/16"	1 3/16"
Drilling Speed (rpm)	700-900	700-900	700-900	500-700	500-700
Insert Thread Length (in.)	3/8"	5/8"	1 1/16"	1 5/16"	1 1/2"
Length of Sleeve (in.)	3 3/8"	3 3/8"	3 3/8"	3 3/8"	3 3/8"
Thread Size (UNC)	1/4"-20	3/8"-16	1/2"-13	5/8"-11	3/4"-10
Embedment Depth (in.)	2	2	2	2	2
Upper Deck Tension Load (lbs) *	1115	1915	2370	2935	2935
Lower Deck Tension Load (lbs) *	830	830	830	990	990
Upper Deck Shear Load (lbs) *	835	1115	1115	1115	1115
Lower Deck Shear Load (lbs) *	625	840	840	840	840

* Based on sand lightweight and normal weight concrete with minimum compression strength of 3000 psi over steel deck. Allowable load capacities are calculated using applied safety factor of 3.0. For additional loading information contact factory. Minimum insert spacing of 6", minimum end spacing 6".

- 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 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.

UPC/Part Number	Catalog Number	Rod Diameter	Color	Box Qty.
Bang-It[†] + Inserts				
78205131154	ACPD-25	1/4"	Brown	100
78205131156	ACPD-37	3/8"	Green	100
79903875937	ACPD-3750-2	3/8"-1/2"	Gray	100
78205131157	ACPD-50	1/2"	Yellow	100
78205131158	ACPD-62	5/8"	Red	50
78205131166	ACPD-75	3/4"	Purple	50

Bang-It[†] + Hole Saws				
79903875911	ACPD-HS813-2	1 3/16" Carbide Hole Saw for 1/4", 3/8", 1/2", 5/8"		1
79903875910	ACPD-HS1188-2	1 3/16" Carbide Hole Saw for 5/8", 3/4", 1 1/4"		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[‡]



Machine Screw Anchor - Data	¼"	⅜"	½"
ANSI Drill Bit Size (in.)	½	¾	7/8
Max. Tightening Torque (ft-lbs)	5	10	15
Thread Size (UNC)	¼"-20	⅜"-16	½"-13
Min. Embedment Depth (in.)	7/8	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.

- 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.
- Material: Zamac alloy.

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

Self-Tapping Screw Anchors



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.

- 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.
- Finish: Zinc-plated carbon steel.
- Setting tool included.

UPC/Part Number	Catalog Number	Size	Thread Depth	Box Qty.
Self-Tapping Screw Anchor				
78205153362	ATM-37	⅜"	1⅛"	50
Tool				
78205153363	6407 SD	⅜"	—	1

ICC-ES certified. See ICC-ES ESR-2272.

Drive Nail Anchors[‡]



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.

- For use in concrete, block or brick.
- Anchor is recommended for light duty, tamper-proof applications.
- Not recommended for overhead applications.
- Material: Zamac alloy.

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

Toggle Bolts[‡]



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.

- 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 2 1/2".
- Combo round head bolt is provided.
- Finish: Zinc-plated carbon steel.

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.

Wall Screws[‡]



AWS-CH



AWS-OH



AWS-PH

- One-piece, all steel anchor with high-profile threads for easy fastening into wallboard and other masonry base materials.
- Deep cutting, corkscrew-like threads provide for smooth entry and a strong hold.
- No pre-drilling is required when fastening into wallboard or wood.
- Fastening into concrete, hollow or grout filled block, brick and plaster requires a pre-drilled $\frac{3}{16}$ " ANSI hole.
- Installed with a No. 8 drill bit or No. 2 Phillips driver.
- Material: Carbon steel with chrome finish.

UPC/Part Number	Catalog Number	Size	Head Type	Box Qty.
Wall Screw				
78205153372	AWS-CH	$\frac{3}{16}$ " x $1\frac{1}{4}$ "	Combo	100
78205153373	AWS-OH	$\frac{3}{16}$ " x $1\frac{1}{4}$ "	Oval	100
78205153374	AWS-PH	$\frac{3}{16}$ " x $1\frac{1}{4}$ "	Pan	100

[‡] Not ICC-ES certified

Wall Screw - Data	Minimum Embedment Depth	Load Cap. Tension (lbs.) *	Load Cap. Shear (lbs.) *
Concrete *	$\frac{3}{4}$ "	90	260
$\frac{1}{2}$ " Wallboard	NA	20	60
$\frac{5}{8}$ " Wallboard	NA	35	90
$\frac{3}{4}$ " Plywood	NA	65	150
Grout-Filled Concrete Masonry	1"	55	165
Hollow Concrete Masonry	1"	60	165
Brick Masonry	$\frac{3}{4}$ "	70	120

* Based on concrete compression strength of 4000 psi. Allowable load capacities are calculated using an applied safety factor of 4.0. For additional loading contact factory.

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.)	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$
Screw Size Range	#4-#10	#6-#12	#8-#14
Min. Thread Length (in.)	$1\frac{3}{16}$	$1\frac{3}{8}$	$1\frac{13}{16}$
Min. Hole Diameter (in.)	$1\frac{3}{8}$	$1\frac{9}{16}$	2
Min. Wall Thickness (in.)	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$
Min. Embedded Thread Length (in.)	$1\frac{1}{8}$	2	$2\frac{9}{16}$
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[‡]



Plastic Hollow Wall - Data	3/16"	1/4"	3/8"	1/2"
Thread Size (UNC)	3/16"-24	1/4"-20	3/8"-16	1/2"-13
Max. Tightening Torque (ft-lbs)	5	5	5	5
Minimum Clearance (in.)	1 7/8"	1 7/8"	1 7/8"	1 7/8"

Plastic Hollow Wall - Data	3/16"		1/4"		3/8"		1/2"	
	Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear
	(lbs.)	(lbs.)	(lbs.)	(lbs.)	(lbs.)	(lbs.)	(lbs.)	(lbs.)
3/8" Wallboard	30	60	35	70	35	70	35	75
1/2" Wallboard	35	70	35	75	40	75	40	90
5/8" Wallboard	50	95	55	105	55	105	55	110
3/4" Wallboard	50	110	55	120	60	120	60	120
Hollow Concrete Masonry *	215	150	270	285	285	465	345	595

Allowable load capacities are calculated using an applied safety factor of 4.0. For additional loading information contact factory.

* Based on hollow wall concrete masonry with minimum compression strength of 1500 psi.

- 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 2 1/2".

UPC/Part Number	Catalog Number	Anchor Size	Drill Dia.	Wall Thickness	Box Qty.
Plastic Hollow Wall Anchor					
78205153311	APH-18	3/16" x 4"	1/2"	3/8" - 2 1/2"	50
78205153312	APH-25	1/4" x 4"	1/2"	3/8" - 2 1/2"	50
78205153313	APH-37	3/8" x 4"	3/4"	3/8" - 2 1/2"	25
78205153314	APH-50	1/2" x 4"	3/4"	3/8" - 2 1/2"	25

[‡] Not ICC-ES certified

Self-Drilling Wallboard Anchors[‡]



APDM-6K



- One-piece self drilling anchor designed for use in hollow wallboard for light to medium duty loads.
- Ideal for mounting electrical fixtures, phone systems, and miscellaneous hardware.
- APD/AZD designed for use in 3/8" to 1" wallboard.
- APDM/AZDM designed for use in 3/8" to 5/8" wallboard.
- Kit includes 50 anchors, 50 screws and #2 Phillips Drive Bit.
- Material: Nylon or Zamac alloy.

Self-Drilling Wallboard Anchor - Data	APD/AZD	APDM/AZDM
Anchor Length (in.)	1 11/16	1 5/16
Min. Screw Engagement (in.)	3/4	3/4

Self-Drilling Wallboard Anchor - Data	APD/AZD		APDM/AZDM	
	Tension	Shear	Tension	Shear
	(lbs.)	(lbs.)	(lbs.)	(lbs.)
3/8" Wallboard	15	15	10	15
1/2" Wallboard	15	20	15	15
5/8" Wallboard	20	25	20	20
3/4" Wallboard	20	25	20	20

Allowable load capacities are calculated using an applied safety factor of 4.0. For additional loading information contact factory.

UPC/Part Number	Catalog Number	Screw Size	Kit Qty.
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.

Rigid Steel Conduit (Heavy Wall Conduit)

Nominal Conduit Size	Outside Diameter	Nominal Inside Diameter	Minimum Weight Per 100 Ft. With Couplings Attached	Weight of Conduit and Conductors Per 100 Ft.*
In.	In.	In.	Lbs.	Lbs.
3/8	0.675	0.493	51.5	65.1
1/2	0.840	0.632	79.0	101.1
3/4	1.050	0.836	105.0	145.8
1	1.315	1.063	153.0	219.3
1 1/4	1.660	1.394	201.0	318.3
1 1/2	1.900	1.624	249.0	408.8
2	2.375	2.083	332.0	593.8
2 1/2	2.875	2.489	527.0	901.0
3	3.500	3.090	682.0	1259.0
3 1/2	4.000	3.570	831.0	1604.0
4	4.500	4.050	972.0	1967.0

Intermediate Metal Conduit (IMC)

Nominal Conduit Size	Outside Diameter	Nominal Inside Diameter	Minimum Weight Per 100 Ft. With Couplings Attached	Weight of Conduit and Conductors Per 100 Ft.*
In.	In.	In.	Lbs.	Lbs.
1/2	0.815	0.745	60.0	82.1
3/4	1.029	0.954	82.0	122.8
1	1.290	1.205	116.0	182.3
1 1/4	1.638	1.553	150.0	267.3
1 1/2	1.883	1.793	182.0	341.8
2	2.360	2.266	242.0	503.8
2 1/2	2.857	2.727	401.0	775.0
3	3.476	3.346	493.0	1069.0
3 1/2	3.971	3.841	573.0	1346.0
4	4.466	4.336	638.0	1632.0

AC — Armored Cable Specifications

Trade Size	Armor O.D.	Approximate Weight
	In.	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

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.
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

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

Read safety/installation instruction sheets in packages before use.

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.

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

Notes

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