Steel City[®]

Overview

Steel City[®] Metallic Boxes and Covers

Steel City[®] is the industry-leading product line of metallic switch and outlet boxes used in electrical construction. Since 1904, Steel City[®] products have symbolized the highest quality standards in manufacturing and innovative design, with one of the most complete offerings available.

Steel City[®] products are known for their simple improvements, such as being the first box offering to standardize combination slotted/phillips screws on all boxes. Thomas & Betts is also recognized as a leader in design innovation, as in our new metal stud bracket.

Thomas & Betts continues to listen to contractors and responds to their ever-changing needs. Contact a T&B distributor nearest you to select the right Steel City® product for your requirements.



Advantages of Steel City® Boxes and Covers

Notched Ears on Switch Boxes

 Steel City[®] Switch Boxes feature a longer ear and a special notch. This provides clearance for the screws that are used to attach wall plates to GFCI or rocker-type light switches



MS Bracket Boxes

- · Mounts without the use of screws
- Mounts to the open or closed side of the stud
- Works on stud depths up to 4"

Eccentric Knockouts on Square Boxes

- Provide better contact with conduit fitting and locknut to the box, improve grounding path, stronger than 3/4" knockout
- Available in all four standard-size square boxes
- Improved ¾" knockout position on square boxes
- Less labor required to install ³/₄" conduit to box



Raised Ground Screw Bump in 4" Square, 4¹¹/₁₆" and Utility Boxes

- Quicker surface mounting by eliminating the need to remove the portion of the screw that threads through the back of the box
- Allows for improved repositioning of grounding conductor
- Ground bump standard in 21/8" boxes
- Ground bump optional in 11/2" boxes



Pre-Installed Screws are Packaged in Raised Position

 Eliminates extra step of having to back out the screw during cover installation

Steel City[®] switch and outlet boxes are protected from rust and corrosion by zinc-galvanizing. All clamps and other component parts are electrogalvanized separately, before assembly in the box, to ensure corrosion protection of every surface. Steel City[®] galvanized finish meets the requirements of Underwriters Laboratories, Inc. and Federal Specifications.

Thomas&Betts

United States Tel: 901.252.8000 800.816.7809 Fax: 901.252.1354 Technical Services Tel: 888.862.3289





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Overview

Guide to Steel City[®] Knockouts, Pryouts, Ears, Brackets and Clamps

Knockouts and Pryouts

Steel City® conduit KOs have standard trade size dimensions. KOs are uniform and true for attachment of cable or conduit connectors. Pryouts for cable entrance are slotted - a twist with a screwdriver removes them. KOs and Pryouts are precision stamped to permit easy removal, but remain sufficiently strong and sturdy when not removed.

Outlet Box Ears

Mounting ears support the box independent of the electrical system attachments. Switch boxes have a fixed ear for old work installations.

Ears for plaster are set 1/16" forward of the box face in position for old work (modernization), except where specifically noted.

Tapped Holes for Grounding

All Steel City[®] boxes have a 10-32 tapped hole in the bottom of the box for attaching separate ground wire.

Brackets



S or B Type Mounts to face of stud. Used on switch, handy or square boxes, 2' long x 21/8" wide



DV Type Mounts box offset from stud 11/2". 613/16" long x 1" wide x 11/2" offset

Clamps



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Т Туре Positions handy box against the face and side of stud. 51/2" long x 7/8" wide



MS Type (For Metal Studs) Mounts to any depth of metal stud, open or closed side. 21/2" long x 111/16" wide x 3/8" offset; Far side support to 4" only



Mounts box to side of stud with positioning spikes. 73/8" long x 1" wide x 3/8" offset



L Type Used to mount octagon boxes. 25%" long x 35%" wide x 1/4" offset



Knockouts

3/4" Conduit KO

1/2" Conduit KO

Eccentric Knockouts

& 3/4" Knockout

Cable Pryouts Always in Pairs

1" Conduit KO

Prvouts





V Type Mounts to flat side of stud. 7%" long x 1" wide x %" offset

For Non-Metallic Sheathed Cable and Non-Metallic Tubing (Loom)

UNDERWRITERS LABORATORIES INC. and CANADIAN STANDARDS ASSOCIATION file numbers for individual items available upon request.

Listing Information for Armored Cable Clamp — Type C-3

Sizes 14-2 through 10-3	MCAP [™] — Aluminum*	.370580
Sizes 14-2 through 10-3	Flex Metal Conduit — Steel	1/8" Trade Size
.449–.570 Diameter	Flex Metal Conduit — Aluminum	3/8" Trade Size
.476606 Diameter	C-3 Clamp Acceptable for Grounding	
.375–.515 Diameter	* MCAP™ is a trademark of Southwire Company	
	Sizes 14-2 through 10-3 .449–.570 Diameter .476–.606 Diameter	Sizes 14-2 through 10-3 Flex Metal Conduit — Steel .449570 Diameter Flex Metal Conduit — Aluminum .476606 Diameter C-3 Clamp Acceptable for Groundin

"Products listed in this catalog are subject to alteration or discontinuation without prior notice."



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