# 2014 PRODUCT CATALOG








## PRODUCT CATEGORIES:

- Rigid/IMC Conduit Bodies
- Rigid/IMC Conduit Fittings
- Red Fire Alarm Boxes & Fittings
- EMT Fittings
- EMT Conduit Bodies
- PUSH-EMT®
- Liquid Tight Fittings
- Portable Cord Connectors
- Snap-In Fittings
- Flexible Metal Conduit Fittings
- Armored/Metal Clad Cable Fittings
- Transition Fittings
- Nonmetallic Cable Fittings
- Grounding Products
- Straps, Clamps and Hangers
- Service Entrance
- Voice/Data/Video
- Hazardous Location
- Specialty Products
- Technical Guide

## SEE THE DIFFERENCE

BRIDGEPORT

www.bptfittings.com

# THE BRIDGEPORT FITTINGS DIFFERENCE





It's more than a catchy name to get your attention.
It's more than a marketing program to get your business.
It's what makes us different. And better.

It's the Bridgeport Fittings Difference. We lower your cost of doing business by delivering quality, service and trouble-free performance – consistently.
**No surprises. No disappointments. No excuses.**

And that's a difference that helps us all.

BRIDGEPORT

www.bptfittings.com

# CONSISTENCY!

## *Doing Things **Differently***

- Tech Sales
- Unique Products

## *Doing Things **Better***

- Installation Speed
- Trouble-Free

## *Doing Things **Right***

- Quality



## WATCH THE DIFFERENCE

SCAN TO VISIT OUR YOUTUBE CHANNEL

# SEE THE **DIFFERENCE**

## Hundreds of ways that different is better.

This catalog contains hundreds of Bridgeport solutions designed specifically to help save time and money on every job. It's what we call the Bridgeport Fittings Difference. **See how Bridgeport can make a difference for you.**

## MIGHTY-RITE® SPLIT GROUNDING BUSHINGS



JOB SITE PROBLEM SOLVER FOR THE CONTRACTOR

**SGB-387CL**

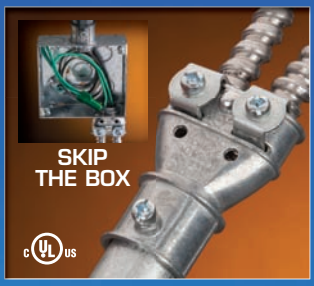
### WHAT MAKES IT DIFFERENT?

SAVES TIME AND EFFORT EVERY TIME.

- Installs after wire pull
- 360° ground lug positioning
- Suitable for service entrance equipment
- UL Listed, AHJ approved
- New standard is first choice for roughing-in
- Patented

SEE THE DETAILS ON PAGE **33**

## MIGHTY-MERGE® TRANSITION COUPLINGS




JOB SITE TIME SAVER FOR THE CONTRACTOR

**4157-DC**

### WHAT MAKES IT DIFFERENT?

STOP WASTING TIME AND SPACE.

- Installs in 1/3 time of traditional box
- 1/3 material cost
- UL Listed & meets NEC Article 300.15(F)
- Prefab alternative
- Patented

SEE THE DETAILS ON PAGES **80, 145, 167, 192**

## MIGHTY-SEAL® RAINTIGHT REDUCING SEALING WASHERS



JOB SITE PROBLEM SOLVER FOR THE CONTRACTOR

**1061-RT**

**WHAT MAKES IT DIFFERENT?**
NO MORE "OOOPS" WITH THE WRONG-SIZE KNOCKOUT IN WET LOCATIONS.

- Maintain NEMA 3R Rating & UL Listing
- No silicone required
- Saves money
- Allows easy equipment reuse
- Patent pending

SEE THE DETAILS ON PAGE **41**

## MIGHTY-SEAL® PUSH EMT® COUPLINGS



JOB SITE TIME SAVER FOR THE CONTRACTOR

**260-MSRT**

**WHAT MAKES IT DIFFERENT?**
PUSH, PUSH AND YOU'RE DONE.

- Installs in 1/2 time
- No tools required
- Ideal for: Rooftop applications, Parking garages, Stadiums, Go-pipe runs
- UL Listed
- Patented

SEE THE DETAILS ON PAGES **67, 97**

## MIGHTY-MERGE® RAINTIGHT EMT TO RIGID TRANSITION COUPLINGS



JOB SITE PROBLEM SOLVER FOR THE CONTRACTOR

**290-RT**

**WHAT MAKES IT DIFFERENT?**
RAINTIGHT DONE RIGHT.

- Simplified stub-up in a wet location
- Rooftop transition solution
- Saves time & money
- ETL Listed solution
- Patented

SEE THE DETAILS ON PAGES **26, 78, 190**

## MIGHTY-HOLD® UNIVERSAL CLAMP STRAPS



JOB SITE PROBLEM SOLVER FOR THE CONTRACTOR

**UCS-5075, USC-75100**

**WHAT MAKES IT DIFFERENT?**
IT HOLDS EVERYTHING BETTER.

- One piece clamp back & strap
- One strap secures cable or conduit – EMT, Rigid, IMC, Liquid Tight Metallic and Nonmetallic, FMC, AC/MC, and Schedule 40 and Schedule 80 PVC
- Meets applicable NEC Requirements
- Patent pending

SEE THE DETAILS ON PAGES **39, 84, 111, 160, 185, 229**

## MIGHTY-BITE® PUSH-EMT® COUPLINGS



JOB SITE TIME SAVER FOR THE CONTRACTOR

**260-MB**

**WHAT MAKES IT DIFFERENT?**
ALL IT TAKES IS A PUSH.

- Installs in 1/4 time
- No tools required
- Easy removal
- Great for: stadiums, box stores, airports, schools, data centers and go-pipe runs
- Patented

SEE THE DETAILS ON PAGES **66, 97**

## MIGHTY-BOND® INTERSYSTEM BONDING BRIDGE



JOB SITE PROBLEM SOLVER FOR THE CONTRACTOR

**IGB-050**

**WHAT MAKES IT DIFFERENT?**
COMPLEX BECOMES EASY.

- UL Listed grounding & bonding
- Meets NEC Article 250.94
- Versatile, easy install
- Suitable for use with EMT & Rigid fittings
- Patented

SEE THE DETAILS ON PAGES **209**

## MIGHTY-MERGE® TRANSITION COUPLINGS



JOB SITE TIME SAVER FOR THE CONTRACTOR

**4057-DC**

**WHAT MAKES IT DIFFERENT?**
ONE FITTING DOES THE WORK OF THREE.

- Installs in 1/3 time
- 1/3 material cost
- ETL Listed & meets NEC Article 300.15(F)
- Low profile – installs in confined spaces
- Patented

SEE THE DETAILS ON PAGES **79, 144, 166, 191**

## MIGHTY-SEAL® RAINTIGHT OFFSET NIPPLES



JOB SITE PROBLEM SOLVER FOR THE CONTRACTOR

**1520-RT**

**WHAT MAKES IT DIFFERENT?**
NOW EASY TO STAY DRY.

- Only Listed wet location, offset nipple
- Maintains wet location/raintight rating
- Meets NEC Article 314.15
- Completely assembled with locknuts & sealing washers
- Patented

SEE THE DETAILS ON PAGES **45**

## MIGHTY-BOND® INTERSYSTEM GROUND ROD BRIDGE CLAMP



JOB SITE PROBLEM SOLVER FOR THE CONTRACTOR

**IGBC-063**

**WHAT MAKES IT DIFFERENT?**
FASTER. BETTER. COSTS LESS.

- One item replaces three
- 2/3 cost of traditional solution
- Installs in less than 1/2 time
- Direct burial rated
- Meets NEC Article 250.94
- Patented

SEE THE DETAILS ON PAGE **209**

## WHIPPERSNAP® "U" SHAPED STRAP DUPLEX CONNECTORS



JOB SITE TIME SAVER FOR THE CONTRACTOR

**SG3838ASP**

**WHAT MAKES IT DIFFERENT?**
FAST & RUGGED.

- Installs in 1/3 time
- U-shaped straps ensure grounding continuity
- Greater pull-out protection
- Easily removable
- Patented

SEE THE DETAILS ON PAGES **134, 153, 177**

## MIGHTY-ALIGN® SELF-ALIGNING, RAINTIGHT 3-PIECE CONDUIT COUPLINGS



JOB SITE EASY INSTALL FOR THE CONTRACTOR

**1121-RT**

**WHAT MAKES IT DIFFERENT?**
LINES ITSELF UP FOR SUCCESS.

- Self-aligning for easier installation
- Maintains wet-location compliance per NEC Article 314.15
- Smooth interior throat allows easy wire pull
- Durable malleable iron body with internal sealing o-ring
- Patented

SEE THE DETAILS ON PAGE **43**

## MIGHTY-MOVE® STEEL EXPANSION COUPLINGS



JOB SITE PROBLEM SOLVER FOR THE CONTRACTOR

**EC-075R**

**WHAT MAKES IT DIFFERENT?**
INSTALLED SAVINGS EXPANDS YOUR PROFIT.

- Least expensive dry-location expansion coupling available
- Suitable for Rigid & IMC conduit
- Zinc-plated steel
- Patented

SEE THE DETAILS ON PAGE **47**

# SEE THE **DIFFERENCE**

## TECHNICAL SALES



**Talking the talk with a hands-on support team of Wiremen/Journeymen, Master Electricians and Engineers.**

- Instant credibility with your inspectors and end-users
- Real-world solutions and know-how
- Before and after sale product support
- Hands-on training: code, product, application, installation, ARRA, etc.

## LEGENDARY QUALITY

### The brand you trust

- Product that works right the first time, every time
- Trouble-free installation

### Spec quality & full line selection

- Zinc, malleable iron, steel, aluminum, brass/bronze and nonmetallic

### Made in America

- Over 66% of our volume is U.S. made
- Third-generation U.S. manufacturing pride

### Zinc brand preference

- Industry leading position
- Consistency in design and quality



FOR MORE INFORMATION, VISIT: **WWW.BPTFITTINGS.COM**

IT'S A STRAP. IT'S A CLAMP.

# IT HOLDS ANYTHING.


















## MIGHTY-HOLD® UNIVERSAL CLAMP STRAP

Our NEW Universal Clamp Strap is the only solution you'll need for securing cable or conduit. EMT, Rigid, IMC, Liquid Tight Metallic and Nonmetallic, FMC, AC/MC, Schedule 40 and Schedule 80 PVC – one product secures them all. It's another contractor innovation from Bridgeport.

**THE BRIDGEPORT FITTINGS DIFFERENCE**

BRIDGEPORT

www.bptfittings.com

SCAN TO WATCH OUR VIDEO

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# GENERAL NOTES

## General Notes and Product Standards

- For product dimensions, consult our on-line catalog at www.bptfittings.com.
- Due to ongoing product improvements, specifications and dimensions are subject to change without prior notice.
- Underwriters Laboratories, Canadian Standards Association, Intertek and Federal Specifications are current at time of publication but are subject to change without prior notice. Current UL, CSA, and ETL Listings are noted on the smallest unit carton label. Look for the appropriate logo.
- This manual is intended for use as a guide in selection of electrical fittings manufactured by Bridgeport Fittings, Inc. Do not use this manual as an interpretation of the National Electrical Code or local regulations. Always consult your local electrical inspector for requirements in your area.

Products listed or certified comply with the following certifications and specifications:

| Product Group | UL Standard | NEMA Standard | Federal Specification | CSA Standard |
|---|---|---|---|---|
| **Rigid & IMC Conduit Bodies** | UL-514A | FB-1 | A-A-50563A | C22.2 18.3-04 |
| **Rigid & IMC Conduit** | UL-514B | FB-1 | A-A-50553 | C22.2 18.3-04 |
| **Red Fire Alarm Boxes and Fittings** | UL-514A<br>UL-514B | OS1<br>FB-1 | A-A-50563A<br>A-A-50553 | –<br>– |
| **EMT** | UL-514B | FB-1 | A-A-50553 | C22.2 18.3-04 |
| **Liquid Tight** | UL-514B | FB-1 | A-A-50552 | C22.2 18.3-04 |
| **Portable Cord** | UL-514B | FB-1 | A-A-50552 | C22.2 18.3-04 |
| **Flexible Metal & AC/MC Cable** | UL-514B | FB-1 | A-A-50552 | C22.2 18.3-04 |
| **Nonmetallic Cable** | UL-514B | FB-1 | A-A-50552 | C22.2 18.3-04 |
| **Grounding Fittings** | UL-467 | FB-1 | A-A-50552 | – |
| **Service Entrance** | UL-514B | FB-1 | A-A-50563A | C22.2 18.3-04 |
| **Hazardous Location** | UL-886 | – | – | C22.2 30 |

# BRIDGEPORT'S
## PRODUCT CATALOG

## Die Cast Aluminum Conduit Bodies

| Trade Size | Maximum Number of Conductors | | | | | |
|---|---|---|---|---|---|---|
| | LB | C | LL | LR | T | LLR |
| 1/2" | N/A | N/A | N/A | N/A | N/A | – |
| 3/4" | 6 AWG | 6 AWG | 6 AWG | 6 AWG | 6 AWG | – |
| 1" | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG |
| 1 1/4" | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG |
| 1 1/2" | 3 - 1/0 AWG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 2 AWAG | 3 - 1/0 AWG |
| 2" | 3 - 4/0 AWG | 3 - 2/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 3/0 AWG |
| 2 1/2" | 300 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 2/0 AWG | – |
| 3" | 350 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | – |
| 3 1/2" | 3 - 400 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | – |
| 4" | 3 - 400 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | – |

| Trade Size | Volume in Cu. In. | | | | | |
|---|---|---|---|---|---|---|
| | LB | C | LL | LR | T | LLR |
| 1/2" | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 5.5 |
| 3/4" | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 9.0 |
| 1" | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 15.0 |
| 1 1/4" | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 39.5 |
| 1 1/2" | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 40.8 |
| 2" | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 88.5 |
| 2 1/2" | 152.5 | 157.4 | 157.4 | 157.4 | 157.4 | – |
| 3" | 152.5 | 179.8 | 179.8 | 179.8 | 179.8 | – |
| 3 1/2" | 311.8 | 323.0 | 323.0 | 323.0 | 323.0 | – |
| 4" | 311.8 | 323.0 | 323.0 | 323.0 | 323.0 | – |

## Malleable Iron Conduit Bodies

| Trade Size | Maximum Number of Conductors | | | | |
|---|---|---|---|---|---|
| | LB | C | LL | LR | T |
| 1/2" | N/A | N/A | N/A | N/A | N/A |
| 3/4" | 3 - 6 AWG | 3 - 6 AWG | 3 - 6 AWG | 3 - 6 AWG | 3 - 6 AWG |
| 1" | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG |
| 1 1/4" | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG |
| 1 1/2" | 3 - 1/0 AWG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 1 AWAG |
| 2" | 3 - 3/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 2/0 AWG |
| 2 1/2" | 3 - 250 MCM | 3 - 300 MCM | 3 - 300 MCM | 3 - 300 MCM | 3 - 4/0 AWG |
| 3" | 3 - 250 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 4/0 AWG |
| 3 1/2" | 3 - 350 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 500 MCM | 3 - 350 MCM |
| 4" | 3 - 350 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 500 MCM | 3 - 350 MCM |

| Trade Size | Volume in Cu. In. | | | | |
|---|---|---|---|---|---|
| | LB | C | LL | LR | T |
| 1/2" | 4.5 | 4.5 | 4.5 | 4.5 | 6.0 |
| 3/4" | 7.5 | 7.5 | 7.5 | 7.5 | 9.5 |
| 1" | 12.5 | 12.5 | 12.5 | 12.5 | 15.0 |
| 1 1/4" | 32.3 | 32.3 | 32.3 | 32.3 | 33.0 |
| 1 1/2" | 35.3 | 35.3 | 35.3 | 35.3 | 36.0 |
| 2" | 73.0 | 73.0 | 73.0 | 73.0 | 75.0 |
| 2 1/2" | 138.0 | 138.0 | 138.0 | 138.0 | 138.0 |
| 3" | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 |
| 3 1/2" | 300.0 | 300.0 | 300.0 | 300.0 | 300.0 |
| 4" | 328.0 | 328.0 | 328.0 | 328.0 | 328.0 |

## Type C





Threaded bodies for rigid conduit or IMC allow access for inspection, pulling and maintenance.

c UL us File No. E11077

CSA File No. 702847 (C-41CG thru C-46CG)

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| C-41 | 1/2" | 10 | 60 |
| C-42 | 3/4" | 10 | 60 |
| C-43 | 1" | 5 | 30 |
| C-44 | 1 1/4" | 2 | 10 |
| C-45 | 1 1/2" | 2 | 10 |
| C-46 | 2" | 1 | 6 |
| C-47 | 2 1/2" | --- | 1 |
| C-48 | 3" | --- | 1 |
| C-49 | 3 1/2" | --- | 1 |
| C-50 | 4" | --- | 1 |

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| C-41CG | 1/2" | 10 | 60 |
| C-42CG | 3/4" | 10 | 60 |
| C-43CG | 1" | 5 | 30 |
| C-44CG | 1 1/4" | 2 | 10 |
| C-45CG | 1 1/2" | 2 | 10 |
| C-46CG | 2" | 1 | 6 |
| C-47CG | 2 1/2" | --- | 1 |
| C-48CG | 3" | --- | 1 |
| C-49CG | 3 1/2" | --- | 1 |
| C-50CG | 4" | --- | 1 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| C-61 | 1/2" | 5 | 50 |
| C-62 | 3/4" | 5 | 50 |
| C-63 | 1" | 2 | 20 |
| C-64 | 1 1/4" | 2 | 10 |
| C-65 | 1 1/2" | 2 | 10 |
| C-66 | 2" | 1 | 6 |
| C-67 | 2 1/2" | --- | 1 |
| C-68 | 3" | --- | 1 |
| C-69 | 3 1/2" | --- | 1 |
| C-70 | 4" | --- | 1 |

## Combination Type C



Units are threaded for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

File No. E11077

Listed Raintight when used with rigid conduit.

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| C-41CGC | 1/2" | 10 | 60 |
| C-42CGC | 3/4" | 10 | 60 |
| C-43CGC | 1" | 5 | 30 |
| C-44CGC | 1 1/4" | 2 | 10 |
| C-45CGC | 1 1/2" | 2 | 10 |
| C-46CGC | 2" | 1 | 6 |

## Type LB





Threaded bodies for rigid conduit or IMC allow access for inspection, pulling and maintenance.

c UL us File No. E11077

CSA File No. 702847 (LB-41CG thru LB-50CG)

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LB-41 | 1/2" | 10 | 60 |
| LB-42 | 3/4" | 10 | 60 |
| LB-43 | 1" | 5 | 30 |
| LB-44 | 1 1/4" | 2 | 10 |
| LB-45 | 1 1/2" | 2 | 10 |
| LB-46 | 2" | 1 | 6 |
| LB-47 | 2 1/2" | --- | 1 |
| LB-48 | 3" | --- | 1 |
| LB-49 | 3 1/2" | --- | 1 |
| LB-50 | 4" | --- | 1 |

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LB-41CG | 1/2" | 10 | 60 |
| LB-42CG | 3/4" | 10 | 60 |
| LB-43CG | 1" | 5 | 30 |
| LB-44CG | 1 1/4" | 2 | 10 |
| LB-45CG | 1 1/2" | 2 | 10 |
| LB-46CG | 2" | 1 | 6 |
| LB-47CG | 2 1/2" | --- | 1 |
| LB-48CG | 3" | --- | 1 |
| LB-49CG | 3 1/2" | --- | 1 |
| LB-50CG | 4" | --- | 1 |

NEW

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LB-61 | 1/2" | 5 | 50 |
| LB-62 | 3/4" | 5 | 50 |
| LB-63 | 1" | 2 | 20 |
| LB-64 | 1 1/4" | 2 | 10 |
| LB-65 | 1 1/2" | 2 | 10 |
| LB-66 | 2" | 1 | 6 |
| LB-67 | 2 1/2" | --- | 1 |
| LB-68 | 3" | --- | 1 |
| LB-69 | 3 1/2" | --- | 1 |
| LB-70 | 4" | --- | 1 |

### Malleable Iron with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LB-61CG | 1/2" | 5 | 50 |
| LB-62CG | 3/4" | 5 | 50 |
| LB-63CG | 1" | 2 | 20 |
| LB-64CG | 1 1/4" | 2 | 10 |
| LB-65CG | 1 1/2" | 2 | 10 |
| LB-66CG | 2" | 1 | 6 |
| LB-67CG | 2 1/2" | --- | 1 |
| LB-68CG | 3" | --- | 1 |
| LB-69CG | 3 1/2" | --- | 1 |
| LB-70CG | 4" | --- | 1 |

## Combination Type LB



Units are threaded for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

File No. E11077

Listed Raintight when used with rigid conduit.

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LB-41CGC | 1/2" | 10 | 60 |
| LB-42CGC | 3/4" | 10 | 60 |
| LB-43CGC | 1" | 5 | 30 |
| LB-44CGC | 1 1/4" | 2 | 10 |
| LB-45CGC | 1 1/2" | 2 | 10 |
| LB-46CGC | 2" | 1 | 6 |

## Type LL





Threaded bodies for rigid conduit or IMC allow access for inspection, pulling and maintenance.

c UL us File No. E11077

CSA File No. 702847 (LL-41CG thru LL-50CG)

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LL-41 | 1/2" | 10 | 60 |
| LL-42 | 3/4" | 10 | 60 |
| LL-43 | 1" | 5 | 30 |
| LL-44 | 1 1/4" | 2 | 10 |
| LL-45 | 1 1/2" | 2 | 10 |
| LL-46 | 2" | 1 | 6 |
| LL-47 | 2 1/2" | --- | 1 |
| LL-48 | 3" | --- | 1 |
| LL-49 | 3 1/2" | --- | 1 |
| LL-50 | 4" | --- | 1 |

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LL-41CG | 1/2" | 10 | 60 |
| LL-42CG | 3/4" | 10 | 60 |
| LL-43CG | 1" | 5 | 30 |
| LL-44CG | 1 1/4" | 2 | 10 |
| LL-45CG | 1 1/2" | 2 | 10 |
| LL-46CG | 2" | 1 | 6 |
| LL-47CG | 2 1/2" | --- | 1 |
| LL-48CG | 3" | --- | 1 |
| LL-49CG | 3 1/2" | --- | 1 |
| LL-50CG | 4" | --- | 1 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LL-61 | 1/2" | 5 | 50 |
| LL-62 | 3/4" | 5 | 50 |
| LL-63 | 1" | 2 | 20 |
| LL-64 | 1 1/4" | 2 | 10 |
| LL-65 | 1 1/2" | 2 | 10 |
| LL-66 | 2" | 1 | 6 |
| LL-67 | 2 1/2" | --- | 1 |
| LL-68 | 3" | --- | 1 |
| LL-69 | 3 1/2" | --- | 1 |
| LL-70 | 4" | --- | 1 |

## Combination Type LL



Units are threaded for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

File No. E11077

Listed Raintight when used with rigid conduit.

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LL-41CGC | 1/2" | 10 | 60 |
| LL-42CGC | 3/4" | 10 | 60 |
| LL-43CGC | 1" | 5 | 30 |
| LL-44CGC | 1 1/4" | 2 | 10 |
| LL-45CGC | 1 1/2" | 2 | 10 |
| LL-46CGC | 2" | 1 | 6 |

## Combination Type LL/LR



Combination type LL/LR style. Units are threaded for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

c UL us File No. E11077

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LLR-41 | 1/2" | 10 | 60 |
| LLR-42 | 3/4" | 10 | 60 |
| LLR-43 | 1" | 5 | 30 |
| LLR-44 | 1 1/4" | 2 | 10 |
| LLR-45 | 1 1/2" | 2 | 10 |
| LLR-46 | 2" | --- | 5 |

## Combination Type LR



Units have a threaded interior for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

UL File No. E11077

UL Listed Raintight when used with rigid conduit.

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| LR-41CGC | 1/2" | 10 | 60 | LR-44CGC | 1 1/4" | 2 | 10 |
| LR-42CGC | 3/4" | 10 | 60 | LR-45CGC | 1 1/2" | 2 | 10 |
| LR-43CGC | 1" | 5 | 30 | LR-46CGC | 2" | 1 | 6 |

## Type LR





Threaded bodies for rigid conduit or IMC allow access for inspection, pulling and maintenance.

c UL us File No. E11077

SP File No. 702847 (LR-41CG thru LR-50CG)

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LR-41 | 1/2" | 10 | 60 |
| LR-42 | 3/4" | 10 | 60 |
| LR-43 | 1" | 5 | 30 |
| LR-44 | 1 1/4" | 2 | 10 |
| LR-45 | 1 1/2" | 2 | 10 |
| LR-46 | 2" | 1 | 6 |
| LR-47 | 2 1/2" | --- | 1 |
| LR-48 | 3" | --- | 1 |
| LR-49 | 3 1/2" | --- | 1 |
| LR-50 | 4" | --- | 1 |

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LR-41CG | 1/2" | 10 | 60 |
| LR-42CG | 3/4" | 10 | 60 |
| LR-43CG | 1" | 5 | 30 |
| LR-44CG | 1 1/4" | 2 | 10 |
| LR-45CG | 1 1/2" | 2 | 10 |
| LR-46CG | 2" | 1 | 6 |
| LR-47CG | 2 1/2" | --- | 10 |
| LR-48CG | 3" | --- | 10 |
| LR-49CG | 3 1/2" | --- | 10 |
| LR-50CG | 4" | --- | 10 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| LR-61 | 1/2" | 5 | 50 |
| LR-62 | 3/4" | 5 | 50 |
| LR-63 | 1" | 2 | 20 |
| LR-64 | 1 1/4" | 2 | 10 |
| LR-65 | 1 1/2" | 2 | 10 |
| LR-66 | 2" | 1 | 6 |
| LR-67 | 2 1/2" | --- | 1 |
| LR-68 | 3" | --- | 1 |
| LR-69 | 3 1/2" | --- | 1 |
| LR-70 | 4" | --- | 1 |

## Type T





Threaded bodies for rigid conduit or IMC allow access for inspection, pulling and maintenance.

File No. E11077

File No. 702847 (T-41CG thru T-50CG)

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| T-41 | 1/2" | 10 | 60 |
| T-42 | 3/4" | 10 | 60 |
| T-43 | 1" | 5 | 30 |
| T-44 | 1 1/4" | 2 | 10 |
| T-45 | 1 1/2" | 2 | 10 |
| T-46 | 2" | 1 | 6 |
| T-47 | 2 1/2" | --- | 1 |
| T-48 | 3" | --- | 1 |
| T-49 | 3 1/2" | --- | 1 |
| T-50 | 4" | --- | 1 |

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| T-41CG | 1/2" | 10 | 60 |
| T-42CG | 3/4" | 10 | 60 |
| T-43CG | 1" | 5 | 30 |
| T-44CG | 1 1/4" | 2 | 10 |
| T-45CG | 1 1/2" | 2 | 10 |
| T-46CG | 2" | 1 | 6 |
| T-47CG | 2 1/2" | --- | 1 |
| T-48CG | 3" | --- | 1 |
| T-49CG | 3 1/2" | --- | 1 |
| T-50CG | 4" | --- | 1 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| T-61 | 1/2" | 5 | 50 |
| T-62 | 3/4" | 5 | 50 |
| T-63 | 1" | 2 | 20 |
| T-64 | 1 1/4" | 2 | 10 |
| T-65 | 1 1/2" | 2 | 10 |
| T-66 | 2" | 1 | 6 |
| T-67 | 2 1/2" | ---- | 1 |
| T-68 | 3" | ---- | 1 |
| T-69 | 3 1/2" | ---- | 1 |
| T-70 | 4" | ---- | 1 |

## Combination Type T



Units have a threaded interior for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

c UL us File No. E11077

UL Listed Raintight when used with rigid conduit.

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| T-41CGC | 1/2" | 10 | 60 |
| T-42CGC | 3/4" | 10 | 60 |
| T-43CGC | 1" | 5 | 30 |
| T-44CGC | 1 1/4" | 2 | 10 |
| T-45CGC | 1 1/2" | 2 | 10 |
| T-46CGC | 2" | 1 | 6 |

## Service Entrance LB

Allows access to the interior of a conduit system for inspection, pulling and maintenance. Mounts flush against structure. Raintight.



UL File No. E11077

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1025 | 1/2" | 5 | 50 | 1029 | 1 1/2" | --- | 5 |
| 1026 | 3/4" | 5 | 50 | 1030 | 2" | --- | 4 |
| 1027 | 1" | --- | 20 | 1028-XL | 1 1/4" | --- | 10 |
| 1028 | 1 1/4" | --- | 10 | 1030-XL | 2" | --- | 6 |

## Mogul Conduit Bodies



MLB-44 thru MLB-46



MLB-47 thru MLB-50

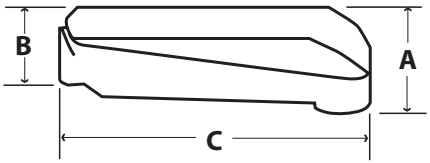
Allows larger access to the inside of a raceway for wire pulling. Raintight.

File No. E11077

File No. E11077 (MLB-47 thru MLB-50)

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Dim A | Dim B | Dim C |
|---|---|---|---|---|---|---|
| MLB-44 | 1 1/4" | --- | 5 | 3 1/2" | 3" | 9 1/2" |
| MLB-45 | 1 1/2" | --- | 2 | 5 1/8" | 4" | 14 1/2" |
| MLB-46 | 2" | --- | 2 | 5 1/8" | 4" | 14 1/2" |
| MLB-47 | 2 1/2" | --- | 1 | 10 1/2" | 8 11/16" | 22 3/4" |
| MLB-48 | 3" | --- | 1 | 10 1/2" | 8 11/16" | 22 3/4" |
| MLB-49 | 3 1/2" | --- | 1 | 12" | 10" | 29 1/8" |
| MLB-50 | 4" | --- | 1 | 12" | 10" | 29 1/8" |



## Conduit Body Covers



Encloses conduit body; supplied with screws.

UL File No. E11077 Aluminum Only (SC-41 thru SC-49)

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SC-41 | 1/2" | 25 | 100 |
| SC-42 | 3/4" | 25 | 100 |
| SC-43 | 1" | 25 | 10 |
| SC-44 | 1 1/4"-1 1/2" | 10 | 100 |
| SC-46 | 2" | --- | 25 |
| SC-47 | 2 1/2"-3" | --- | 20 |
| SC-49 | 3 1/2"-4" | --- | 5 |

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SC-61 | 1/2" | 25 | 100 |
| SC-62 | 3/4" | 25 | 100 |
| SC-63 | 1" | 25 | 100 |
| SC-64 | 1 1/4"-1 1/2" | 10 | 100 |
| SC-66 | 2" | --- | 25 |
| SC-67 | 2 1/2"-3" | --- | 20 |
| SC-69 | 3 1/2"-4" | --- | 5 |

## Conduit Body Gaskets



SG series provides dust-tight seal between conduit body and cover.
SGN series provides both dust and rain-tight protection. SGN gaskets are impervious to most liquids and oil.

### Cellulose

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SG-61 | 1/2" | 100 | 1000 |
| SG-62 | 3/4" | 100 | 1000 |
| SG-63 | 1" | 50 | 500 |
| SG-64 | 1 1/4"-1 1/2" | --- | 100 |
| SG-66 | 2" | --- | 100 |
| SG-67 | 2 1/2"-3" | --- | 100 |
| SG-69 | 3 1/2"-4" | --- | 25 |

### Neoprene

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SGN-61 | 1/2" | 100 | 1000 |
| SGN-62 | 3/4" | 100 | 1000 |
| SGN-63 | 1" | 50 | 500 |
| SGN-64 | 1 1/4"-1 1/2" | --- | 100 |
| SGN-66 | 2" | --- | 100 |
| SGN-67 | 2 1/2"-3" | --- | 100 |
| SGN-69 | 3 1/2"-4" | --- | 25 |

## Set Screw Connectors



1/2" thru 1"



2 1/2" thru 4"

Set screw type fitting used to join unthreaded rigid conduit to box or enclosure. Concrete-tight.

c(UL)us File No. E24001: 236-DC2 thru 239-DC2; 236-DCI2 thru 239-DCI2

Note: 2 1/2" thru 4" is (UL) Listed for rigid steel or aluminum EMT conduit.

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 30-DC2 | 1/2" | 50 | 500 |
| 31-DC2 | 3/4" | 25 | 250 |
| 32-DC2 | 1" | 25 | 250 |
| 236-DC2 | 2 1/2" | --- | 12 |
| 237-DC2 | 3" | --- | 12 |
| 238-DC2 | 3 1/2" | --- | 6 |
| 239-DC2 | 4" | --- | 6 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 236-DCI2 | 2 1/2" | --- | 12 |
| 237-DCI2 | 3" | --- | 12 |
| 238-DCI2 | 3 1/2" | --- | 6 |
| 239-DCI2 | 4" | --- | 6 |

## Set Screw Connectors


1/2" thru 1 1/2"


2"


2 1/2" thru 4"


2 1/2" thru 2" Malleable


5" & 6" Malleable

Set screw type fitting used to join unthreaded rigid or IMC conduit to box or enclosure. Concrete-tight.

c(UL)us File No. E9391: 3500-US thru 3505-US; 3500 thru 3505

c(UL)us File No. E24001: 236 thru 239; 236-I thru 239-I

Note: UL Listing not applicable to 5" & 6" Malleable Iron.

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 236 | 2 1/2" | 2 | 10 |
| 237 | 3" | 2 | 10 |
| 238 | 3 1/2" | --- | 6 |
| 239 | 4" | --- | 6 |

### Steel / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 236-I | 2 1/2" | 2 | 10 |
| 237-I | 3" | 2 | 10 |
| 238-I | 3 1/2" | --- | 6 |
| 239-I | 4" | --- | 6 |

### Steel (Made in the USA!)

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3500-US | 1/2" | 50 | 500 |
| 3501-US | 3/4" | 25 | 250 |
| 3502-US | 1" | 25 | 250 |
| 3503-US | 1 1/4" | 20 | 120 |
| 3504-US | 1 1/2" | 10 | 60 |
| 3505-US | 2" | 5 | 30 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3500 | 1/2" | 50 | 200 |
| 3501 | 3/4" | 25 | 250 |
| 3502 | 1" | 25 | 100 |
| 3503 | 1 1/4" | 20 | 120 |
| 3504 | 1 1/2" | 10 | 60 |
| 3505 | 2" | 5 | 30 |
| 3510 | 5" | 1 | 5 |
| 3511 | 6" | 1 | 5 |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3510-I | 5" | 1 | 5 |
| 3511-I | 6" | 1 | 5 |

## Set Screw Couplings


Zinc
1/2" thru 1"


Zinc
2 1/2" thru 4"


1/2" thru 2"
Malleable


Malleable
5" & 6"


Steel
1/2" thru 1 1/2"


Steel
2"


Steel
2 1/2" thru 4"

Set screw type fitting used to join two unthreaded lengths of rigid or IMC conduit. Concrete-tight. 2 1/2" thru 6" furnished with four set screws.

c UL us File No. E24001: 246 thru 249; 246-DC thru 249-DC

c UL us File No. E9391: 3600-US thru 3605-US; 3600 thru 3605

CSA File No. LR39354: 246-DC thru 249-DC

Note: 2 1/2" thru 4" zinc die cast is UL Listed for rigid steel or aluminum EMT conduit.

Note: UL Listing not applicable to 5" & 6" Malleable Iron.

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 40-DC | 1/2" | 50 | 500 |
| 41-DC | 3/4" | 25 | 250 |
| 42-DC | 1" | 25 | 250 |
| 246-DC | 2 1/2" | --- | 12 |
| 247-DC | 3" | --- | 12 |
| 248-DC | 3 1/2" | --- | 6 |
| 249-DC | 4" | --- | 6 |

### Steel (Made in the USA!)

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3600-US | 1/2" | 50 | 500 |
| 3601-US | 3/4" | 25 | 250 |
| 3602-US | 1" | 50 | 200 |
| 3603-US | 1 1/4" | 15 | 90 |
| 3604-US | 1 1/2" | 10 | 60 |
| 3605-US | 2" | 5 | 30 |

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 246 | 2 1/2" | 2 | 10 |
| 247 | 3" | 2 | 10 |
| 248 | 3 1/2" | --- | 6 |
| 249 | 4" | --- | 6 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3600 | 1/2" | 30 | 120 |
| 3601 | 3/4" | 25 | 100 |
| 3602 | 1" | 25 | 100 |
| 3603 | 1 1/4" | 15 | 90 |
| 3604 | 1 1/2" | 10 | 60 |
| 3605 | 2" | 5 | 30 |
| 3610 | 5" | 1 | 5 |
| 3611 | 6" | 1 | 5 |

## Pull Elbows

Used for connecting threaded rigid or IMC to box or enclosure. Removable aluminum cover and neoprene gasket facilitate wire pulling.

c UL us File No. E9391



### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 71-DC2 | 1/2" | 10 | 100 |
| 72-DC2 | 3/4" | 5 | 50 |

## Pull Elbows

Used for connecting threaded rigid or EMT to box or enclosure. Removable aluminum cover and neoprene gasket facilitate wire pulling.

c UL us File No. E9391



### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 71-DCA | 1/2" | 10 | 100 |
| 72-DCA | 3/4" | 5 | 50 |

## Pull Elbows

Used for connecting threaded rigid or IMC to form 90° bend. Removable aluminum cover and neoprene gasket facilitate wire pulling.

c UL us File No. E9391



### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 81-DC | 1/2" | 10 | 100 |
| 82-DC | 3/4" | 5 | 50 |
| 83-DC | 1" | 5 | 25 |
| 84-DC | 1 1/4" | 5 | 20 |

## Pull Elbows

Used for connecting threaded rigid to rigid or EMT to EMT to form 90° bend. Removable aluminum cover and neoprene gasket facilitate wire pulling. Raintight when used with Rigid Conduit.

c UL us File No. E9391



### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 81-DCA | 1/2" | 10 | 100 |
| 82-DCA | 3/4" | 5 | 50 |
| 83-DCA | 1" | 5 | 25 |
| 84-DCA | 1 1/4" | 5 | 20 |

## Locknuts



Steel



Zinc

Used to fasten threaded conduit to opening in a box or enclosure.

File No. E9391: 101-S thru 112-S; 101-DC thru 106-DC

File No. LR39354: 101-S thru 112-S

### Zinc Plated Steel - Conduit Locknut

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 100 | 3/8" | 200 | 2000 |
| 101-S | 1/2" | 100 | 1000 |
| 102-S | 3/4" | 100 | 1000 |
| 103-S | 1" | 100 | 500 |
| 104-S | 1 1/4" | --- | 100 |
| 105-S | 1 1/2" | --- | 100 |
| 106-S | 2" | --- | 50 |
| 107-S | 2 1/2" | --- | 25 |
| 108-S | 3" | --- | 25 |
| 109-S | 3 1/2" | --- | 25 |
| 110-S | 4" | --- | 25 |
| 111-S | 5" | --- | 5 |
| 112-S | 6" | --- | 5 |

### Zinc Die Cast - Fitting Locknut

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 101-DC | 1/2" | 100 | 1000 |
| 102-DC | 3/4" | 100 | 1000 |
| 103-DC | 1" | 100 | 500 |
| 104-DC | 1 1/4" | --- | 100 |
| 105-DC | 1 1/2" | --- | 100 |
| 106-DC | 2" | --- | 50 |
| 107-DC | 2 1/2" | --- | 25 |
| 108-DC | 3" | --- | 25 |
| 109-DC | 3 1/2" | --- | 25 |
| 110-DC | 4" | --- | 25 |

## Vibration and Bonding Locknuts



Used in harsh vibration environments to fasten threaded conduit to unthreaded opening in a box or enclosure.

c UL us File No. E20412

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 121-S | 1/2" | 50 | 200 | 127-S | 2 1/2" | 5 | 25 |
| 122-S | 3/4" | 25 | 100 | 128-S | 3" | 5 | 25 |
| 123-S | 1" | 25 | 100 | 129-S | 3 1/2" | --- | 5 |
| 124-S | 1 1/4" | 10 | 50 | 130-S | 4" | --- | 5 |
| 125-S | 1 1/2" | 10 | 50 | 131-S | 5" | --- | 5 |
| 126-S | 2" | 10 | 50 | 132-S | 6" | --- | 5 |

## Sealing Locknuts



Used to provide raintight seal when fastening threaded conduit to unthreaded opening in a box or enclosure.

c UL us File No. E9391: 141 thru 148

### Steel / PVC Seal

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 141 | 1/2" | 50 | 200 | 146 | 2" | 25 | 100 |
| 142 | 3/4" | 25 | 100 | 147 | 2 1/2" | 5 | 25 |
| 143 | 1" | 25 | 100 | 148 | 3" | 5 | 25 |
| 144 | 1 1/4" | 25 | 100 | 149 | 3 1/2" | 5 | 25 |
| 145 | 1 1/2" | 25 | 100 | 150 | 4" | 5 | 25 |

## Grounding Locknuts



Used to fasten threaded connectors or nipples to box or enclosure. Offers an additional bonding/grounding path. Listed for use with rigid conduit, threaded hubs and conduit nipples.

Listed

### Zinc Die Cast

| Catalog Number | Trade Size | Lug Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 166-G | 2" | 14 - 1/0 | 10 | 50 |
| 167-G | 2 1/2" | 14 - 1/0 | 5 | 25 |
| 168-G | 3" | 14 - 1/0 | 1 | 25 |
| 169-G | 3 1/2" | 6 - 3/0 | 1 | 5 |
| 170-G | 4" | 6 - 3/0 | 1 | 5 |

## Threaded Hubs



To secure threaded rigid service entrance conduit to box or enclosure. Insulated throat rated 105°C. BUNA-N sealing ring completely encircles knockout to prevent contaminants from entering enclosure. Concrete-tight.

c UL us File No. E9391: Type 4 - Water Tight

CSA File No. LR39354

Note: UL Listing not applicable to 5" & 6" Malleable Iron.

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 151-DC | 1/2" | 25 | 100 | 156-DC | 2" | 2 | 20 |
| 152-DC | 3/4" | 25 | 100 | 157-DC | 2 1/2" | --- | 10 |
| 153-DC | 1" | 10 | 50 | 158-DC | 3" | --- | 5 |
| 154-DC | 1 1/4" | 5 | 25 | 159-DC | 3 1/2" | 1 | 5 |
| 155-DC | 1 1/2" | 2 | 20 | 160-DC | 4" | 1 | 5 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3161 | 5" | --- | 2 |
| 3162 | 6" | --- | 2 |

## Lock - A - Liners



Used for converting ordinary bushings and connectors to code approved insulating bushings and connectors without disturbing wiring.

UL File No. E11259

### Polypropylene - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 191 | 1/2" | 25 | 100 | 194 | 1 1/4" | 10 | 40 |
| 192 | 3/4" | 25 | 100 | 195 | 1 1/2" | 10 | 40 |
| 193 | 1" | 25 | 100 | 196 | 2" | 10 | 40 |

## Compression Connectors


Zinc


Steel


Malleable

Compression type connector used to join unthreaded steel rigid conduit to box or enclosure. 2 1/2" and larger zinc die cast also suitable for steel and aluminum rigid and EMT conduit. Concrete-tight.

c UL us File No. E9391

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 256-DC2 | 2 1/2" | --- | 12 |
| 257-DC2 | 3" | --- | 12 |
| 258-DC2 | 3 1/2" | --- | 6 |
| 259-DC2 | 4" | --- | 6 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 256-DCI2 | 2 1/2" | --- | 12 |
| 257-DCI2 | 3" | --- | 12 |
| 258-DCI2 | 3 1/2" | --- | 6 |
| 259-DCI2 | 4" | --- | 6 |

### Steel (Made in the USA!)

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3000-US | 1/2" | 25 | 100 |
| 3001-US | 3/4" | 25 | 100 |
| 3002-US | 1" | 5 | 25 |
| 3003-US | 1 1/4" | 5 | 25 |
| 3004-US | 1 1/2" | 2 | 10 |
| 3005-US | 2" | 1 | 5 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3000 | 1/2" | 25 | 100 |
| 3001 | 3/4" | 25 | 100 |
| 3002 | 1" | 5 | 25 |
| 3003 | 1 1/4" | 5 | 25 |
| 3004 | 1 1/2" | 2 | 10 |
| 3005 | 2" | 1 | 5 |
| 3006 | 2 1/2" | 2 | 10 |
| 3007 | 3" | 2 | 10 |
| 3008 | 3 1/2" | --- | 6 |
| 3009 | 4" | --- | 6 |

## Compression Couplings


Zinc


Steel


Malleable

Compression type coupling used to join two lengths of unthreaded steel rigid conduit. 2 1/2" and larger zinc die cast also suitable for steel and aluminum rigid and EMT conduit. Concrete-tight.

c UL us File No. E9391

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 266-DC | 2 1/2" | --- | 12 |
| 267-DC | 3" | --- | 12 |
| 268-DC | 3 1/2" | --- | 6 |
| 269-DC | 4" | --- | 6 |

### Steel (Made in the USA!)

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3100-US | 1/2" | 25 | 100 |
| 3101-US | 3/4" | 25 | 100 |
| 3102-US | 1" | 5 | 25 |
| 3103-US | 1 1/4" | 5 | 25 |
| 3104-US | 1 1/2" | 2 | 10 |
| 3105-US | 2" | --- | 5 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3100 | 1/2" | 25 | 100 |
| 3101 | 3/4" | 25 | 100 |
| 3102 | 1" | 5 | 25 |
| 3103 | 1 1/4" | 5 | 25 |
| 3104 | 1 1/2" | 2 | 10 |

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 3105 | 2" | 1 | 5 |
| 3106 | 2 1/2" | 2 | 10 |
| 3107 | 3" | 2 | 10 |
| 3108 | 3 1/2" | --- | 6 |
| 3109 | 4" | --- | 6 |

## Combination Couplings


Zinc


Steel

Set screw type fitting used to join EMT to rigid or IMC. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws.

Listed: 290-DC thru 292-DC

File No. E9391: 290-S thru 292-S

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-DC | 1/2" | 1/2" | 50 | 200 |
| 291-DC | 3/4" | 3/4" | 25 | 100 |
| 292-DC | 1" | 1" | 25 | 100 |

### Steel

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-S | 1/2" | 1/2" | 25 | 100 |
| 291-S | 3/4" | 3/4" | 25 | 100 |
| 292-S | 1" | 1" | 10 | 50 |

## Mighty-Merge® Raintight Combination Couplings




Couplings used to transition EMT to rigid for a secure raintight/ wet location seal. Patented.

Listed

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-RT | 1/2" | 1/2" | 25 | 100 |
| 291-RT | 3/4" | 3/4" | 25 | 100 |
| 292-RT | 1" | 1" | 10 | 50 |

## Combination Couplings



Used to join rigid or IMC to EMT. Coupling internally threaded for rigid / IMC. Compression type for EMT. Concrete-tight.

UL File No. E9391: 292-MS

### Zinc Plated Steel

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-MS | 1/2" | 1/2" | 25 | 100 |
| 291-MS | 3/4" | 3/4" | 25 | 100 |
| 292-MS | 1" | 1" | 10 | 50 |

## Raintight Combination Couplings



Used to join rigid or IMC to metallic liquid tight conduit. Concrete-tight.

UL Listed “Raintight”

c UL us File No. E9391

### Steel

| Catalog Number | LT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 4369-LT | 3/8" | 1/2" | 25 | 125 |
| 4370-LT | 1/2" | 1/2" | 20 | 100 |
| 4371-LT | 3/4" | 3/4" | 10 | 50 |
| 4372-LT | 1" | 1" | 5 | 25 |
| 4373-LT | 1 1/4" | 1 1/4" | 4 | 20 |
| 4374-LT | 1 1/2" | 1 1/2" | 3 | 15 |
| 4375-LT | 2" | 2" | 2 | 10 |

## Pull Caps



Used for capping EMT, rigid and most bushings.

### Polyethylene

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 341 | 1/2" | 100 | 1000 | 344 | 1 1/4" | 50 | 250 |
| 342 | 3/4" | 100 | 1000 | 345 | 1 1/2" | 25 | 100 |
| 343 | 1" | 100 | 1000 | 346 | 2" | 25 | 100 |

## Bushings



Used with locknut to protect conductors inside threaded rigid or IMC conduit entering a box. Rounded surface of bushing prevents damage to wire insulation.

File No. E9391: 321 thru 332

File No. E11259: 321-B thru 330-B

File No. LR39354

### Plastic - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 321 | 1/2" | 100 | 1000 |
| 322 | 3/4" | 100 | 1000 |
| 323 | 1" | 50 | 500 |
| 324 | 1 1/4" | --- | 100 |
| 325 | 1 1/2" | --- | 100 |
| 326 | 2" | --- | 50 |
| 327 | 2 1/2" | --- | 25 |
| 328 | 3" | --- | 25 |
| 329 | 3 1/2" | --- | 25 |
| 330 | 4" | --- | 20 |
| 331 | 5" | --- | 5 |
| 332 | 6" | --- | 5 |

### Plastic - 150°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 321-B | 1/2" | 100 | 1000 |
| 322-B | 3/4" | 100 | 1000 |
| 323-B | 1" | 50 | 500 |
| 324-B | 1 1/4" | --- | 100 |
| 325-B | 1 1/2" | --- | 100 |
| 326-B | 2" | --- | 50 |
| 327-B | 2 1/2" | --- | 25 |
| 328-B | 3" | --- | 25 |
| 329-B | 3 1/2" | --- | 25 |
| 330-B | 4" | --- | 20 |

## Insulated Bushings



Used with locknut to protect conductors inside threaded rigid or IMC conduit entering a box. Plastic liner prevents damage to wire insulation. All products rated 150°C except catalog numbers 371 and 372 which are rated 105°C.

UL File No. E9391

### Malleable Iron / Plastic Metaliner

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 361 | 1/2" | 100 | 1000 |
| 362 | 3/4" | 100 | 1000 |
| 363 | 1" | 50 | 500 |
| 364 | 1 1/4" | 10 | 100 |
| 365 | 1 1/2" | 10 | 100 |
| 366 | 2" | 10 | 100 |
| 367 | 2 1/2" | 2 | 10 |
| 368 | 3" | 2 | 10 |
| 369 | 3 1/2" | --- | 5 |
| 370 | 4" | --- | 5 |
| 371 | 5" | --- | 5 |
| 372 | 6" | --- | 5 |

### Zinc Die Cast / Plastic Metaliner

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 361-DC | 1/2" | 100 | 1000 |
| 362-DC | 3/4" | 100 | 1000 |
| 363-DC | 1" | 50 | 500 |
| 364-DC | 1 1/4" | 10 | 100 |
| 365-DC | 1 1/2" | 10 | 100 |
| 366-DC | 2" | 10 | 100 |
| 367-DC | 2 1/2" | 2 | 10 |
| 368-DC | 3" | 2 | 10 |
| 369-DC | 3 1/2" | --- | 5 |
| 370-DC | 4" | --- | 5 |

## Insulated Grounding Bushings



Used with locknut to terminate service conduit to cabinet. Aluminum alloy lug provided for bonding jumper to neutral busbar. Plastic liner prevents damage to wire insulation.

c UL us File No. E20412

### Malleable Iron / Plastic Metaliner - 150°C

| Catalog Number | Grounding Lug Wire Capacity Min. Solid | Max. Strand | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 381 | 14 | 4 | 1/2" | 50 | 500 |
| 382 | 14 | 4 | 3/4" | 50 | 500 |
| 383 | 14 | 4 | 1" | 25 | 250 |
| 384 | 14 | 1/0 | 1 1/4" | 20 | 200 |
| 384-14 | 14 | 4 | 1 1/4" | 20 | 200 |
| 385 | 14 | 1/0 | 1 1/2" | 20 | 200 |
| 385-14 | 14 | 4 | 1 1/2" | 20 | 200 |
| 386 | 14 | 1/0 | 2"` | 10 | 100 |
| 386-14 | 14 | 4 | 2" | 10 | 100 |
| 387 | 14 | 1/0 | 2 1/2" | --- | 25 |
| 387-40 | 6 | 250 MCM | 2 1/2" | --- | 25 |
| 388 | 14 | 1/0 | 3" | --- | 25 |
| 388-40 | 6 | 250 MCM | 3" | --- | 25 |
| 389 | 14 | 1/0 | 3 1/2" | --- | 25 |
| 389-40 | 6 | 250 MCM | 3 1/2" | --- | 25 |
| 390 | 14 | 1/0 | 4" | --- | 20 |
| 390-40 | 6 | 250 MCM | 4" | --- | 20 |
| 391 | 6 | 250 MCM | 5" | --- | 5 |
| 392 | 6 | 250 MCM | 6" | --- | 5 |

## Insulated Grounding Bushings



Used with locknut to terminate service conduit to cabinet. Aluminum alloy lug provided for bonding jumper to neutral busbar. Plastic liner prevents damage to wire insulation.

c UL us File No. E20412

### Zinc Die Cast / Plastic Metaliner - 150°C

| Catalog Number | Grounding Lug Wire Capacity Min. Max. Solid Strand | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 381-DC | 14 to 4 | 1/2" | 50 | 500 |
| 382-DC | 14 to 4 | 3/4" | 50 | 500 |
| 383-DC | 14 to 4 | 1" | 25 | 250 |
| 384-DC | 14 to 1/0 | 1 1/4" | 20 | 200 |
| 384-DC14 | 14 to 4 | 1 1/4" | 20 | 200 |
| 385-DC | 14 to 1/0 | 1 1/2" | 20 | 200 |
| 385-DC14 | 14 to 4 | 1 1/2" | 20 | 200 |
| 386-DC | 14 to 1/0 | 2" | 10 | 100 |
| 386-DC14 | 14 to 4 | 2" | 10 | 100 |
| 387-DC | 14 to 1/0 | 2 1/2" | --- | 25 |
| 387-DC40 | 6 to 250 MCM | 2 1/2" | --- | 25 |
| 388-DC | 14 to 1/0 | 3" | --- | 25 |
| 388-DC40 | 6 to 250 MCM | 3" | --- | 25 |
| 389-DC | 14 to 1/0 | 3 1/2" | --- | 25 |
| 389-DC40 | 6 to 250 MCM | 3 1/2" | --- | 25 |
| 390-DC | 14 to 1/0 | 4" | --- | 20 |
| 390-DC40 | 6 to 250 MCM | 4" | --- | 20 |

## Mighty-Rite® Nonmetallic Split Bushings

NEW



Patented split design allows for installation after conductors have been pulled. Used with a locknut to terminate threaded rigid and IMC to a box or enclosure. Used with a connector to prevent damage to wire insulation. Rated 105°C.

c UL us File No. E9391

### Nonmetallic Split Bushing

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SB-386NM | 2" | 10 | 100 |
| SB-387NM | 2 1/2" | --- | 25 |
| SB-388NM | 3" | --- | 25 |
| SB-389NM | 3 1/2" | --- | 25 |
| SB-390NM | 4" | --- | 20 |

## Mighty-Rite®
## Split Grounding Bushings



Forgot to install a grounding bushing on a feed through pull box? No worries, the simple fix Mighty-Rite® has you covered. Patented.

- Can be installed before wire pull, or after – without expensive rework
- Adjustable grounding lug accepts wire easier
- Pulling larger conductor wire is easier when you can install grounding bushings after the pull
- Low Profile
- Hinged design adjusts and aligns easier – even in tight spots
- 150°C Captive Nylon Insulator

c UL us File No. E20412

### Zinc Die Cast / Aluminum Alloy Lug

| Catalog Number | Grounding Lug Wire Capacity Min. Max. Solid Strand | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| SGB-382CL | 14 to 4 | 3/4" | 25 | 250 |
| SGB-383CL | 14 to 4 | 1" | 25 | 250 |
| SGB-38414 | 14 to 4 | 1 1/4" | 20 | 200 |
| SGB-384CL | 14 to 1/0 | 1 1/4" | 20 | 200 |
| SGB-38514 | 14 to 4 | 1 1/2" | 20 | 200 |
| SGB-385CL | 14 to 1/0 | 1 1/2" | 20 | 200 |
| SGB-38614 | 14 to 4 | 2" | 10 | 100 |
| SGB-386CL | 14 to 1/0 | 2" | 10 | 100 |
| SGB-38740 | 6 to 250 MCM | 2 1/2" | --- | 25 |
| SGB-387CL | 14 to 1/0 | 2 1/2" | --- | 25 |
| SGB-38840 | 6 to 250 MCM | 3" | --- | 25 |
| SGB-388CL | 14 to 1/0 | 3" | --- | 25 |
| SGB-38940 | 6 to 250 MCM | 3 1/2" | --- | 25 |
| SGB-389CL | 6 to 3/0 | 3 1/2" | --- | 25 |
| SGB-39040 | 6 to 250 MCM | 4" | --- | 20 |
| SGB-390CL | 6 to 3/0 | 4" | --- | 20 |

## Mighty-Rite®
## Split Grounding Bushings

NEW



Forgot to install a grounding bushing on a feed through pull box? No worries, the simple fix Mighty-Rite® has you covered. Patented.

- Can be installed before wire pull, or after – without expensive rework
- Adjustable grounding lug accepts wire easier
- Pulling larger conductor wire is easier when you can install grounding bushings after the pull
- Low Profile
- Hinged design adjusts and aligns easier – even in tight spots
- 150°C Captive Nylon Insulator

c UL us File No. E20412

### Steel / Aluminum Alloy Lug

| Catalog Number | Grounding Lug Wire Capacity Min. Solid | Max. Strand | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| SGBS-382CL | 14 | 4 | 3/4" | 25 | 250 |
| SGBS-383CL | 14 | 4 | 1" | 25 | 250 |
| SGBS-38414 | 14 | 4 | 1 1/4" | 20 | 200 |
| SGBS-384CL | 14 | 1/0 | 1 1/4" | 20 | 200 |
| SGBS-38514 | 14 | 4 | 1 1/2" | 20 | 200 |
| SGBS-385CL | 14 | 1/0 | 1 1/2" | 20 | 200 |
| SGBS-38614 | 14 | 4 | 2" | 10 | 100 |
| SGBS-386CL | 14 | 1/0 | 2" | 10 | 100 |
| SGBS-38740 | 6 | 250 MCM | 2 1/2" | --- | 25 |
| SGBS-387CL | 14 | 1/0 | 2 1/2" | --- | 25 |
| SGBS-38840 | 6 | 250 MCM | 3" | --- | 25 |
| SGBS-388CL | 14 | 1/0 | 3" | --- | 25 |
| SGBS-38940 | 6 | 250 MCM | 3 1/2" | --- | 25 |
| SGBS-389CL | 6 | 3/0 | 3 1/2" | --- | 25 |
| SGBS-39040 | 6 | 250 MCM | 4" | --- | 20 |
| SGBS-390CL | 6 | 3/0 | 4" | --- | 20 |

## Bushing Pennies



Used inside bushing to prevent foreign matter from entering conduit.

### Galvanized Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1661 | 1/2" | 500 | 1000 | 1667 | 2 1/2" | 50 | 100 |
| 1662 | 3/4" | 250 | 500 | 1668 | 3" | 50 | 100 |
| 1663 | 1" | 100 | 200 | 1669 | 3 1/2" | 25 | 100 |
| 1664 | 1 1/4" | 50 | 100 | 1670 | 4" | 25 | 100 |
| 1665 | 1 1/2" | 50 | 100 | 1671 | 5" | 25 | 100 |
| 1666 | 2" | 50 | 100 | | | | |

## Threadless Grounding Bushings




Used with a locknut to terminate threadless rigid conduit or IMC to a cabinet. Aluminum alloy lug provided for bonding jumper to neutral busbar. Plastic liner prevents damage to wire insulation.

c UL us File No. E20412

### Malleable Iron / Aluminum Alloy Lug

| Catalog Number | Grounding Lug Wire Capacity Min. Solid | Grounding Lug Wire Capacity Max. Strand | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| TL-381 | 14 | 4 | 1/2" | 50 | 500 |
| TL-382 | 14 | 4 | 3/4" | 50 | 500 |
| TL-383 | 14 | 4 | 1" | 25 | 250 |
| TL-384 | 8 | 1/0 | 1 1/4" | 20 | 200 |
| TL-38414 | 14 | 4 | 1 1/4" | 20 | 200 |
| TL-385 | 8 | 1/0 | 1 1/2" | 20 | 200 |
| TL-38514 | 14 | 4 | 1 1/2" | 20 | 200 |
| TL-386 | 8 | 1/0 | 2" | 10 | 100 |
| TL-38614 | 14 | 4 | 2" | 10 | 100 |
| TL-387 | 8 | 1/0 | 2 1/2" | --- | 25 |
| TL-38740 | 6 | 250MCM | 2 1/2" | --- | 25 |
| TL-388 | 8 | 1/0 | 3" | --- | 25 |
| TL-38840 | 6 | 250MCM | 3" | --- | 25 |
| TL-389 | 6 | 3/0 | 3 1/2" | --- | 25 |
| TL-38940 | 6 | 250MCM | 3 1/2" | --- | 25 |
| TL-390 | 6 | 3/0 | 4" | --- | 20 |
| TL-39040 | 6 | 250MCM | 4" | --- | 20 |

## One Hole Pipe Straps


Malleable/Aluminum

To support rigid conduit and IMC to mounting surface.

c UL us File No. E161206: 901 thru 913

File No. LR39354: 900 thru 912

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 900 | 3/8" | 100 | 1000 | 906 | 2" | --- | 25 |
| 901 | 1/2" | 100 | 1000 | 907 | 2 1/2" | --- | 25 |
| 902 | 3/4" | --- | 100 | 908 | 3" | --- | 10 |
| 903 | 1" | --- | 100 | 909 | 3 1/2" | --- | 10 |
| 904 | 1 1/4" | --- | 50 | 910 | 4" | --- | 10 |
| 905 | 1 1/2" | --- | 50 | 912 | 5" | --- | 5 |
| | | | | 913 | 6" | --- | 5 |

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 901-AL | 1/2" | 100 | 1000 | 904-AL | 1 1/4" | --- | 50 |
| 902-AL | 3/4" | --- | 100 | 905-AL | 1 1/2" | --- | 50 |
| 903-AL | 1" | --- | 100 | 906-AL | 2" | --- | 25 |

## One Hole Pipe Straps


Steel

To support rigid conduit and IMC to mounting surface.

c UL us File No. E161206: 904-S thru 908-S and 910-S

File No. LR39354

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 901-S | 1/2" | 50 | 500 | 906-S | 2" | --- | 25 |
| 902-S | 3/4" | 50 | 500 | 907-S | 2 1/2" | --- | 25 |
| 903-S | 1" | 50 | 200 | 908-S | 3" | --- | 25 |
| 904-S | 1 1/4" | 25 | 100 | 909-S | 3 1/2" | --- | 10 |
| 905-S | 1 1/2" | 25 | 100 | 910-S | 4" | --- | 10 |

## Two Hole Pipe Straps



Used to secure rigid conduit or IMC.

c UL us File No. E161206: 1907 thru 1910

CSA File No. LR39354

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1901 | 1/2" | 250 | 2500 | 1906 | 2" | 25 | 250 |
| 1902 | 3/4" | 150 | 1500 | 1907 | 2 1/2" | 25 | 100 |
| 1903 | 1" | 100 | 1000 | 1908 | 3" | 20 | 80 |
| 1904 | 1 1/4" | 50 | 500 | 1909 | 3 1/2" | 15 | 60 |
| 1905 | 1 1/2" | 50 | 500 | 1910 | 4" | 10 | 40 |

## Rigid Nail Straps



Used to secure rigid conduit and IMC to wood.

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 901-NS | 1/2" | 100 | 1000 |
| 902-NS | 3/4" | 100 | 1000 |
| 903-NS | 1" | 100 | 1000 |

## Clamp Backs



Provides space between conduit and mounting surface, for use with malleable or aluminum straps.

c UL us File No. E161206: 941 thru 950; 9951 thru 9952

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 941 | 1/2" | 50 | 250 | 947 | 2 1/2" | 2 | 10 |
| 942 | 3/4" | 50 | 250 | 948 | 3" | 2 | 10 |
| 943 | 1" | 25 | 100 | 949 | 3 1/2" | --- | 5 |
| 944 | 1 1/4" | 20 | 100 | 950 | 4" | --- | 5 |
| 945 | 1 1/2" | 10 | 100 | 9951 | 5" | --- | 5 |
| 946 | 2" | 5 | 50 | 9952 | 6" | --- | 5 |

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 941-AL | 1/2" | 50 | 250 | 944-AL | 1 1/4" | 20 | 100 |
| 942-AL | 3/4" | 50 | 250 | 945-AL | 1 1/2" | 10 | 100 |
| 943-AL | 1" | 25 | 100 | 946-AL | 2" | 5 | 50 |

## Mighty-Hold® Universal Clamp Straps

NEW



UCS-5075



UCS-75100

One piece clamp back and strap secures both cable and conduit. The UCS-5075 secures 1/2" and 3/4" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable.

The UCS-75100 secures 3/4" and 1" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Patent Pending.

c UL us File No. E161206

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| UCS-5075 | 1/2" - 3/4" | 25 | 100 |
| UCS-75100 | 3/4" - 1" | 25 | 100 |

## Reducing Washers



To be used in pairs to reduce the size of knockout holes.

File No. E11259: 1061 thru 1088

File No. LR39354: 1061 thru 1088

### Galvanized Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1061 | 3/4" - 1/2" | 250 | 1000 |
| 1062 | 1" - 1/2" | 250 | 1000 |
| 1063 | 1" - 3/4" | 250 | 1000 |
| 1064 | 1 1/4" - 1/2" | 100 | 500 |
| 1065 | 1 1/4" - 3/4" | 100 | 500 |
| 1066 | 1 1/4" - 1" | 100 | 500 |
| 1067 | 1 1/2" - 1/2" | 100 | 200 |
| 1068 | 1 1/2" - 3/4" | 100 | 200 |
| 1069 | 1 1/2" - 1" | 100 | 200 |
| 1070 | 1 1/2" - 1 1/4" | 100 | 200 |
| 1071 | 2" - 1/2" | 50 | 100 |
| 1072 | 2" - 3/4" | 50 | 100 |
| 1073 | 2" - 1" | 50 | 100 |
| 1074 | 2" - 1 1/4" | 50 | 100 |
| 1075 | 2" - 1 1/2" | 50 | 100 |
| 1076 | 2 1/2" - 1/2" | 50 | 100 |
| 1077 | 2 1/2" - 3/4" | 50 | 100 |
| 1078 | 2 1/2" - 1" | 50 | 100 |
| 1079 | 2 1/2" - 1 1/4" | 50 | 100 |
| 1080 | 2 1/2" - 1 1/2" | 50 | 100 |
| 1081 | 2 1/2" - 2" | 50 | 100 |
| 1082 | 3" - 1/2" | --- | 25 |
| 1083 | 3" - 3/4" | --- | 25 |
| 1084 | 3" - 1" | --- | 25 |
| 1085 | 3" - 1 1/4" | --- | 25 |
| 1086 | 3" - 1 1/2" | --- | 25 |
| 1087 | 3" - 2" | --- | 25 |
| 1088 | 3" - 2 1/2" | --- | 25 |

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1089-1 | 3 1/2" - 1/2" | --- | 10 |
| 1089-2 | 3 1/2" - 3/4" | --- | 10 |
| 1089-3 | 3 1/2" - 1" | --- | 10 |
| 1089-4 | 3 1/2" - 1 1/4" | --- | 10 |
| 1089-5 | 3 1/2" - 1 1/2" | --- | 10 |
| 1089-6 | 3 1/2" - 2" | --- | 10 |
| 1089-7 | 3 1/2" - 2 1/2" | --- | 10 |
| 1089-8 | 3 1/2" - 3" | --- | 10 |
| 1090-1 | 4" - 1/2" | --- | 10 |
| 1090-2 | 4" - 3/4" | --- | 10 |
| 1090-3 | 4" - 1" | --- | 10 |
| 1090-4 | 4" - 1 1/4" | --- | 10 |
| 1090-5 | 4" - 1 1/2" | --- | 10 |
| 1090-6 | 4" - 2" | --- | 10 |
| 1090-7 | 4" - 2 1/2" | --- | 10 |
| 1090-8 | 4" - 3" | --- | 10 |
| 1090-9 | 4" - 3 1/2" | --- | 10 |

## Mighty-Seal® Raintight Reducing Sealing Washers




Used when a concentric knockout breaks out larger than expected. Maintains NEMA 3R rating on listed enclosures. Includes one coated and one uncoated washer. Coated washer installs on the exterior of the box. Sunlight resistant. Patent Pending.

c UL us File No. E11259

### Coated Galvanized Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1061-RT | 3/4" - 1/2" | 20 | 200 | 1066-RT | 1 1/2" - 1" | 20 | 200 |
| 1062-RT | 1" - 1/2" | 20 | 200 | 1071-RT | 2" - 1/2" | 10 | 100 |
| 1063-RT | 1" - 3/4" | 20 | 200 | 1072-RT | 2" - 3/4" | 10 | 100 |
| 1064-RT | 1 1/4" - 1/2" | 20 | 200 | 1073-RT | 2" - 1" | 10 | 100 |
| 1065-RT | 1 1/4" - 3/4" | 20 | 200 | 1074-RT | 2" - 1 1/4" | 10 | 100 |

## Conduit Nipples



When used with locknut, conduit nipples serve as a short raceway between enclosures.

UL File No. E9391 CSA File No. LR39354

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1102 | 1/2" | 100 | 1000 | 1108 | 2 1/2" | 2 | 10 |
| 1103 | 3/4" | 50 | 500 | 1109 | 3" | 2 | 10 |
| 1104 | 1" | 25 | 250 | 1110 | 3 1/2" | --- | 5 |
| 1105 | 1 1/4" | 10 | 100 | 1111 | 4" | --- | 5 |
| 1106 | 1 1/2" | 10 | 100 | 1112 | 5" | --- | 5 |
| 1107 | 2" | 5 | 25 | 1113 | 6" | --- | 5 |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1102-I | 1/2" | 100 | 1000 | 1107-I | 2" | 5 | 25 |
| 1103-I | 3/4" | 50 | 500 | 1108-I | 2 1/2" | 2 | 10 |
| 1104-I | 1" | 25 | 250 | 1109-I | 3" | 2 | 10 |
| 1105-I | 1 1/4" | 10 | 100 | 1110-I | 3 1/2" | --- | 5 |
| 1106-I | 1 1/2" | 10 | 100 | 1111-I | 4" | --- | 5 |

## Conduit Nipples



When used with a locknut, conduit nipples serve as a short raceway between enclosures.

c UL us File No. E9391

### 1" Length Zinc Die Cast Conduit Nipples

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1791-DC | 1/2" | 100 | 1000 |
| 1792-DC | 3/4" | 50 | 500 |
| 1793-DC | 1" | 25 | 250 |

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1102-DC | 1/2" | 100 | 1000 | 1107-DC | 2" | 5 | 50 |
| 1103-DC | 3/4" | 50 | 500 | 1108-DC | 2 1/2" | --- | 25 |
| 1104-DC | 1" | 25 | 250 | 1109-DC | 3" | --- | 10 |
| 1105-DC | 1 1/4" | 10 | 100 | 1110-DC | 3 1/2" | --- | 10 |
| 1106-DC | 1 1/2" | 10 | 100 | 1111-DC | 4" | --- | 10 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1102-DCI | 1/2" | 100 | 1000 | 1107-DCI | 2" | 5 | 50 |
| 1103-DCI | 3/4" | 50 | 500 | 1108-DCI | 2 1/2" | --- | 25 |
| 1104-DCI | 1" | 25 | 250 | 1109-DCI | 3" | --- | 10 |
| 1105-DCI | 1 1/4" | 10 | 100 | 1110-DCI | 3 1/2" | --- | 10 |
| 1106-DCI | 1 1/2" | 10 | 100 | 1111-DCI | 4" | --- | 10 |

## Three-Piece Conduit Couplings



Used to join two lengths of threaded rigid and IMC conduit. Concrete-tight.

c UL us File No. E9391: 1121 thru 1130

CSA File No. LR39354: 1121 thru 1132

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1121 | 1/2" | 25 | 100 | 1127 | 2 1/2" | --- | 5 |
| 1122 | 3/4" | 10 | 100 | 1128 | 3" | --- | 5 |
| 1123 | 1" | 5 | 50 | 1129 | 3 1/2" | --- | 4 |
| 1124 | 1 1/4" | --- | 25 | 1130 | 4" | --- | 5 |
| 1125 | 1 1/2" | --- | 20 | 1131 | 5" | --- | 2 |
| 1126 | 2" | --- | 10 | 1132 | 6" | --- | 1 |

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1121-AL | 1/2" | 25 | 100 | 1126-AL | 2" | 2 | 10 |
| 1122-AL | 3/4" | 10 | 100 | 1127-AL | 2 1/2" | 1 | 5 |
| 1123-AL | 1" | 5 | 50 | 1128-AL | 3" | 1 | 5 |
| 1124-AL | 1 1/4" | 5 | 25 | 1129-AL | 3 1/2" | 1 | 5 |
| 1125-AL | 1 1/2" | 5 | 20 | 1130-AL | 4" | 1 | 5 |

## Mighty-Align® Self-Aligning, Raintight, Three-Piece Conduit Couplings



Used to join two lengths of threaded rigid and IMC conduit. Patented.

c UL us File No. E9391

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1121-RT | 1/2" | 25 | 100 | 1126-RT | 2" | --- | 10 |
| 1122-RT | 3/4" | 10 | 100 | 1127-RT | 2 1/2" | --- | 5 |
| 1123-RT | 1" | 5 | 50 | 1128-RT | 3" | --- | 5 |
| 1124-RT | 1 1/4" | --- | 25 | 1129-RT | 3 1/2" | --- | 4 |
| 1125-RT | 1 1/2" | --- | 20 | 1130-RT | 4" | --- | 5 |

## Reducing Bushings



Used to reduce the size of internal female threads.

File No. LR39354: Steel

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1160 | 1/2" - 3/8" | 100 | 500 | 1168 | 1 1/2" - 3/4" | 10 | 50 |
| 1161 | 3/4" - 1/2" | 100 | 500 | 1169 | 1 1/2" - 1" | 10 | 50 |
| 1162 | 1" - 1/2" | 50 | 250 | 1170 | 1 1/2" - 1 1/4" | 10 | 50 |
| 1163 | 1" - 3/4" | 50 | 250 | 1171 | 2" - 1/2" | 10 | 50 |
| 1164 | 1 1/4" - 1/2" | 20 | 100 | 1172 | 2" - 3/4" | 10 | 50 |
| 1165 | 1 1/4" - 3/4" | 20 | 100 | 1173 | 2" - 1" | 10 | 50 |
| 1166 | 1 1/4" - 1" | 25 | 100 | 1174 | 2" - 1 1/4" | 10 | 50 |
| 1167 | 1 1/2" - 1/2" | 10 | 50 | 1175 | 2" - 1 1/2" | 10 | 50 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1176 | 2 1/2" - 2" | --- | 5 | 1182 | 3 1/2" - 3" | --- | 5 |
| 1179 | 3" - 2 1/2" | --- | 5 | 1185 | 4" - 3 1/2" | --- | 5 |

## Offset Nipples



Used to offset the axis of raceway 3/4" between enclosure runs.

File No. E9391 File No. LR39354: 1520 thru 1525-DC

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1520-DC | 1/2" | 20 | 200 | 1523-DC | 1 1/4" | 10 | 40 |
| 1521-DC | 3/4" | 10 | 100 | 1524-DC | 1 1/2" | 10 | 40 |
| 1522-DC | 1" | 5 | 50 | 1525-DC | 2" | 5 | 30 |

### Cast Zinc

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1526-DC | 2 1/2" | 2 | 10 |
| 1527-DC | 3" | 2 | 10 |

## Mighty-Seal® Raintight Offset Nipples




Bridgeport's raintight offset nipples are used to offset the axis of a raceway 3/4" between enclosure runs. Rugged zinc die cast construction ensures mechanical protection and durability. Integrated sealing washers maintain wet location/raintight seal. Completely assembled with locknuts and sealing washers. Patented.

Listed

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1520-RT | 1/2" | 20 | 200 |
| 1521-RT | 3/4" | 10 | 100 |
| 1522-RT | 1" | 5 | 50 |

## Mighty-Seal® Conduit Sealing Bushings



Bridgeport Fittings' Conduit Sealing Bushing (CSB & CSBF) product line is designed for sealing concrete penetrations around rigid conduit installations in building foundations, ceilings, and walls against the intrusion of water.

This product line contains two designs: CSB & CSBF. The CSBF versions are assembled with larger diameter face plates. When installed, the face plate is designed to sit above the surface of the concrete. The standard CSB model is constructed with face and back plates of the same diameter and includes two stainless steel tabs which come pre-installed. The tabs are intended to keep the CSB level with the surface of the concrete during the installation process. The stainless steel tabs can be removed and grounding lugs can be installed using the 1/4-20 tapped hole provided in order to meet grounding and bonding requirements. Factory Certified.

### Stainless Steel and Neoprene Rubber Insert

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| CSB-200 | 2" | 1 | 5 | CSB-300F | 3" | 1 | 5 |
| CSB-200F | 2" | 1 | 5 | CSB-350 | 3 1/2" | 1 | 5 |
| CSB-250 | 2 1/2" | 1 | 5 | CSB-350F | 3 1/2" | 1 | 5 |
| CSB-250F | 2 1/2" | 1 | 5 | CSB-400 | 4" | 1 | 5 |
| CSB-300 | 3" | 1 | 5 | CSB-400F | 4" | 1 | 5 |

## Concrete Slab Elbows



Concrete slab elbows for use in minimum 6" concrete poured or pre-fabricated slabs. NPSM threads.

c UL us File No. E9391

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| CSE-075 | 3/4" | --- | 5 |
| CSE-100 | 1" | --- | 5 |

## Concrete Slab Inserts

NEW



For use in poured or pre-fabricated concrete slabs. For threaded steel or aluminum rigid or IMC conduit. NPSM threads.

c ETL us Listed

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| CSS-050 | 1/2" | 10 | 40 |
| CSS-075 | 3/4" | 5 | 20 |
| CSS-100 | 1" | 5 | 20 |

## Mighty-Move® Steel Expansion Couplings for Rigid



Assembles like a regular Rigid/IMC set screw coupling. To install, simply slide coupling end stop onto fixed end of conduit and tighten set screw. Place movable conduit end completely into coupling and mark engagement, remove conduit and mark half the distance of engagement, reinstall conduit to half the distance. Bonding jumper purchased separately.
US Patent 6,715,803B1.

NEW

c UL us File No. E9391

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| EC-075R | 3/4" | 15 | 60 |
| EC-100R | 1" | 10 | 40 |
| EC-125R | 1-1/4" | 8 | 40 |
| EC-150R | 1-1/2" | 6 | 30 |
| EC-200R | 2" | --- | 4 |

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| EC-250* | 2-1/2" | --- | 1 |
| EC-300* | 3" | --- | 1 |
| EC-350* | 3-1/2" | --- | 1 |
| EC-400* | 4" | --- | 1 |

*2 1/2" thru 4" suitable for use with EMT or Rigid/IMC conduit.

## Split Rigid Couplings



Split couplings used to join two lengths of threaded rigid and IMC conduit.

UL File No. E9391

### Zinc Plated Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SRC-050 | 1/2" | 25 | 100 |
| SRC-075 | 3/4" | 10 | 100 |
| SRC-100 | 1" | 5 | 50 |
| SRC-125 | 1 1/4" | --- | 25 |
| SRC-150 | 1 1/2" | --- | 20 |
| SRC-200 | 2" | --- | 10 |

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SRC-250 | 2 1/2" | --- | 5 |
| SRC-300 | 3" | --- | 5 |
| SRC-350 | 3 1/2" | --- | 4 |
| SRC-400 | 4" | --- | 5 |
| SRC-500 | 5" | --- | 2 |
| SRC-600 | 6" | --- | 1 |

## Red® Fire Alarm Connectors

Set screw connector used to join EMT to box or enclosure. Color coded red to match EMT for easy identification. Use with red EMT for emergency circuits, fire alarm and security system applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001



### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 230-SR | 1/2" | 50 | 500 | 234-SR | 1 1/2" | 10 | 60 |
| 231-SR | 3/4" | 25 | 250 | 235-SR | 2" | 5 | 30 |
| 232-SR | 1" | 25 | 250 | 236-SR | 2 1/2" | 2 | 10 |
| 233-SR | 1 1/4" | 20 | 12 | 237-SR | 3" | 2 | 10 |

## Red Fire Alarm Boxes

New red steel fire alarm boxes to meet visual identification requirements for fire alarm installations. Available in a variety of sizes to accommodate both old and new work requirements. Provides positive visual identification and can withstand the harshest environmental conditions. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Description | Mounting Bracket | Each Side Conduit |
|---|---|---|---|
| FA-400 | 1 1/2" deep drawn box 4-square | No | (2) 1/2" (1) 3/4" |
| FA-401 | 2 1/8" deep welded box 4-square | No | (2) 1/2" (1) 1/2" & 3/4" |
| FA-402 | 2 1/8" deep welded box 4-square | CV | (2) 1/2" (1) 1/2" & 3/4" |
| FA-403 | Flat 4-square cover | No | N/A |
| FA-404 | 2 1/8" deep welded 4-square extension ring | No<br>No | (2) 1/2" (1) 1/2" & 3/4" |
| FA-411 | 2 1/8" deep welded box 4 11/16" square | No | (3) 1/2" & 3/4" |

## Red® Fire Alarm Couplings

Set screw coupling used to join two lengths of EMT. Color coded red to match EMT for easy identification. Use with red EMT for emergency circuits, fire alarm and security system applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001



### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 240-SR | 1/2" | 50 | 500 | 244-SR | 1 1/2" | 10 | 60 |
| 241-SR | 3/4" | 25 | 250 | 245-SR | 2" | 5 | 30 |
| 242-SR | 1" | 20 | 200 | 246-SR | 2 1/2" | 2 | 10 |
| 243-SR | 1 1/4" | 15 | 90 | 247-SR | 3" | 2 | 10 |



| Each End Conduit | Bottom Conduit | Cu In. Capacity | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| (2) 1/2" (1) 3/4" | (3) 1/2" (2) 3/4" | 21.0 | --- | 50 |
| (2) 1/2" (1)1/2' & 3/4" | (3) 1/2" (2) 1/2" & 3/4" | 30.3 | --- | 50 |
| (2) 1/2" (1) 1/2" & 3/4" | (3) 1/2" (2) 1/2' & 3/4" | 30.3 | --- | 50 |
| N/A | N/A | N/A | --- | 50 |
| (2) 1/2" (1) 1/2" & 3/4" | N/A | 30.3 | --- | 50 |
| (3) 1/2" & 3/4" | (3) 1/2" (2) 1/2' & 3/4" | 42.0 | --- | 50 |

## Pull Elbows



Used to connect EMT to box or enclosure.
Removable aluminum cover to facilitate wire pulling.

c UL us File No. E9391

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 51-DC2 | 1/2" | 10 | 100 |
| 52-DC2 | 3/4" | 5 | 50 |

## Pull Elbows



Used to connect two lengths of EMT to form a 90° bend. Removable aluminum cover to facilitate wire pulling.

c UL us File No. E9391

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 61-DC | 1/2" | 10 | 100 |
| 62-DC | 3/4" | 5 | 50 |
| 63-DC | 1" | 5 | 25 |
| 64-DC | 1 1/4" | 5 | 20 |

## Corner Elbows



Used to connect two lengths of EMT to form a 90° bend.

UL File No. E9391

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| CE-50 | 1/2" | 10 | 100 |
| CE-75 | 3/4" | 5 | 50 |

## Pull Elbows



Used for connecting threaded rigid or EMT to box or enclosure. Removable aluminum cover and neoprene gasket facilitate wire pulling.

UL File No. E9391

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 71-DCA | 1/2" | 10 | 100 |
| 72-DCA | 3/4" | 5 | 50 |

## Pull Elbows



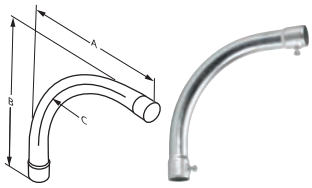
Used for connecting threaded rigid to rigid or EMT to EMT to form 90° bend. Removable aluminum cover and neoprene gasket facilitate wire pulling.

UL File No. E9391

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 81-DCA | 1/2" | 10 | 100 |
| 82-DCA | 3/4" | 5 | 50 |
| 83-DCA | 1" | 5 | 25 |
| 84-DCA | 1 1/4" | 5 | 20 |

## 90° Set Screw Coupling Elbows




Eliminates the need to bend conduit, reducing time and installation costs. Tri-Drive screw. Concrete-tight when taped.

c UL us File No. E24001

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Dim A | Dim B | Dim C |
|---|---|---|---|---|---|---|
| TWE-125 | 1 1/4" | --- | 5 | 11 1/4" | 11 1/4" | 7 3/4" |
| TWE-150 | 1 1/2" | --- | 5 | 12" | 12" | 9 1/4" |
| TWE-200 | 2" | --- | 2 | 14 1/4" | 14 1/4" | 10 3/8" |
| TWE-250 | 2 1/2" | --- | 1 | 18 1/2" | 18 1/2" | 11 1/4" |
| TWE-300 | 3" | --- | 1 | 21" | 21" | 13 1/4" |
| TWE-350 | 3 1/2" | --- | 1 | 24 1/2" | 24 1/2" | 15 3/4" |
| TWE-400 | 4" | --- | 1 | 25 1/4" | 25 1/4" | 17" |

## Low Profile Compression Connectors



Compression type connector used to join EMT to box or enclosure. Concrete-tight.

UL File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 225-DC | 1/2" | 50 | 500 |
| 226-DC | 3/4" | 50 | 500 |

## Set Screw Connectors



1/2" thru 2"



2 1/2" thru 4"

Set screw type fitting used to join EMT to box or enclosure. Concrete-tight. 1/2" thru 2" furnished with Tri-Drive slot/ Phillips/Robertson head screws.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 230 | 1/2" | 50 | 500 | 235 | 2" | 5 | 30 |
| 231 | 3/4" | 25 | 250 | 236 | 2 1/2" | 2 | 10 |
| 232 | 1" | 25 | 250 | 237 | 3" | 2 | 10 |
| 233 | 1 1/4" | 20 | 120 | 238 | 3 1/2" | --- | 6 |
| 234 | 1 1/2" | 10 | 60 | 239 | 4" | --- | 6 |

### Steel / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 230-I | 1/2" | 50 | 500 | 235-I | 2" | 5 | 30 |
| 231-I | 3/4" | 25 | 250 | 236-I | 2 1/2" | 2 | 10 |
| 232-I | 1" | 25 | 250 | 237-I | 3" | 2 | 10 |
| 233-I | 1 1/4" | 20 | 120 | 238-I | 3 1/2" | --- | 6 |
| 234-I | 1 1/2" | 10 | 60 | 239-I | 4" | --- | 6 |

## Made in the USA
## Set Screw Connectors



1/2" thru 2"



2 1/2" thru 4"

Set screw type fitting used to join EMT to box or enclosure. Concrete-tight.

UL File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 230-US | 1/2" | 50 | 500 |
| 231-US | 3/4" | 25 | 250 |
| 232-US | 1" | 25 | 250 |
| 233-US | 1 1/4" | 20 | 120 |
| 234-US | 1 1/2" | 10 | 60 |
| 235-US | 2" | 5 | 30 |

### Steel / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 230-USI | 1/2" | 50 | 500 |
| 231-USI | 3/4" | 25 | 250 |
| 232-USI | 1" | 25 | 250 |
| 233-USI | 1 1/4" | 20 | 120 |
| 234-USI | 1 1/2" | 10 | 60 |
| 235-USI | 2" | 5 | 30 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 236-US | 2 1/2" | 2 | 10 |
| 237-US | 3" | 2 | 10 |
| 238-US | 3 1/2" | --- | 6 |
| 239-US | 4" | --- | 6 |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 236-USI | 2 1/2" | 2 | 10 |
| 237-USI | 3" | 2 | 10 |
| 238-USI | 3 1/2" | --- | 6 |
| 239-USI | 4" | --- | 6 |

## Set Screw Couplings



1/2" thru 2"



2 1/2" thru 4"

Set screw type coupling used to join two lengths of EMT. Concrete-tight. 1/2" thru 2" furnished with Tri-Drive slot/ Phillips/Robertson head screws.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 240 | 1/2" | 50 | 500 | 245 | 2" | 5 | 30 |
| 241 | 3/4" | 25 | 250 | 246 | 2 1/2" | 2 | 10 |
| 242 | 1" | 20 | 200 | 247 | 3" | 2 | 10 |
| 243 | 1 1/4" | 15 | 90 | 248 | 3 1/2" | --- | 6 |
| 244 | 1 1/2" | 10 | 60 | 249 | 4" | --- | 6 |

## Made in the USA Steel Set Screw Couplings



1/2" thru 2"



2 1/2" thru 4"

Set screw type fitting used to join two lengths of EMT. Concrete-tight.

UL File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 240-US | 1/2" | 50 | 500 | 245-US | 2" | 5 | 30 |
| 241-US | 3/4" | 25 | 250 | 246-US | 2 1/2" | 2 | 10 |
| 242-US | 1" | 50 | 200 | 247-US | 3" | 2 | 10 |
| 243-US | 1 1/4" | 15 | 90 | 248-US | 3 1/2" | --- | 6 |
| 244-US | 1 1/2" | 10 | 60 | 249-US | 4" | --- | 6 |

## Set Screw Couplings



Zinc
1/2" thru 1"



Zinc
1 1/4" thru 2"



Zinc
2 1/4" thru 4"

Set screw type coupling used to join two lengths of EMT. Concrete-tight. 1/2" thru 2" furnished with Tri-Drive slot/Phillips/ Robertson head screws.

c UL us File No. E24001

2" thru 4" UL Listed for both steel and aluminum EMT.

CSA File No. LR39354

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 240-DC | 1/2" | 50 | 500 | 245-DC | 2" | 10 | 60 |
| 241-DC | 3/4" | 25 | 250 | 246-DC | 2 1/2" | --- | 12 |
| 242-DC | 1" | 25 | 250 | 247-DC | 3" | --- | 12 |
| 243-DC | 1 1/4" | 10 | 100 | 248-DC | 3 1/2" | --- | 6 |
| 244-DC | 1 1/2" | 10 | 100 | 249-DC | 4" | --- | 6 |

## Set Screw Connectors



1/2" thru 1"



1 1/4" thru 2"



2 1/2" thru 4"

Set screw connector used to join EMT to box or enclosure. 2" thru 4" die cast UL Listed for both steel and aluminum EMT. Concrete-tight. 1/2" thru 2" furnished with Tri-Drive slot/Phillips/ Robertson head screws.

File No. E24001

File No. LR39354

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 230-DC2 | 1/2" | 50 | 500 | 235-DC2 | 2" | 10 | 60 |
| 231-DC2 | 3/4" | 25 | 250 | 236-DC2 | 2 1/2" | --- | 12 |
| 232-DC2 | 1" | 25 | 250 | 237-DC2 | 3" | --- | 12 |
| 233-DC2 | 1 1/4" | 10 | 100 | 238-DC2 | 3 1/2" | --- | 6 |
| 234-DC2 | 1 1/2" | 10 | 100 | 239-DC2 | 4" | --- | 6 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 230-DCI2 | 1/2" | 50 | 500 | 235-DCI2 | 2" | 10 | 60 |
| 231-DCI2 | 3/4" | 25 | 250 | 236-DCI2 | 2 1/2" | --- | 12 |
| 232-DCI2 | 1" | 25 | 250 | 237-DCI2 | 3" | --- | 12 |
| 233-DCI2 | 1 1/4" | 10 | 100 | 238-DCI2 | 3 1/2" | --- | 6 |
| 234-DCI2 | 1 1/2" | 10 | 100 | 239-DCI2 | 4" | --- | 6 |

## Mighty-Align®
## EMT Slip Couplings



NEW

Used to join two lengths of EMT in tight or limited access applications. Back out center screw, slide coupling over one end of conduit then slide other conduit into place. Fully install center screw between conduits and tighten set screws.

c UL us File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 241-DCSLP | 3/4" | 25 | 250 |
| 242-DCSLP | 1" | 25 | 250 |
| 245-DCSLP | 2" | 10 | 60 |
| 247-DCSLP | 3" | --- | 12 |
| 249-DCSLP | 4" | --- | 6 |

## Quick Install EMT Connectors

Quick Install



1701-DC

Quickly joins EMT to box or enclosure without the use of a locknut. Simply:

- Insert fitting into the knockout.
- Insert EMT into the fitting.
- Tighten the set screw to simultaneously secure the EMT and the fitting into the knockout.

c UL us File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1701-DC | 1/2" | 50 | 500 |
| 1702-DC | 3/4" | 25 | 250 |

## Black Set Screw Connectors



Set screw connector used to join EMT to box or enclosure. Color coded black to match EMT for easy identification. Use with black EMT in dark colored areas or in open architecture applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 231-SBLK | 3/4" | 25 | 250 |

## Blue Set Screw Connectors



Set screw connector used to join EMT to box or enclosure. Color coded blue to match EMT for easy identification. Use with blue EMT for low voltage wiring, data comm/video and network security applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 230-SBLU | 1/2" | 50 | 500 |
| 231-SBLU | 3/4" | 25 | 250 |
| 232-SBLU | 1" | 25 | 250 |
| 233-SBLU | 1 1/4" | 20 | 120 |

## Green Set Screw Connectors



Set screw connector used to join EMT to box or enclosure. Color coded green to match EMT for easy identification. Use with green EMT for grounding/bonding, hospital and healthcare, such as nurse call station applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001

**Steel**

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 231-SG | 3/4" | 25 | 250 |

## Orange Set Screw Connectors



Set screw connector used to join EMT to box or enclosure. Color coded orange to match EMT for easy identification. Use with orange EMT in construction/research, fiber optic, isolated circuits, and auto repair/maintenance applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001

**Steel**

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 231-SO | 3/4" | 25 | 250 |

## Red® Fire Alarm Connectors



Set screw connector used to join EMT to box or enclosure. Color coded red to match EMT for easy identification. Use with red EMT for emergency circuits, fire alarm and security system applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/ Robertson head screws. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 230-SR | 1/2" | 50 | 500 | 234-SR | 1 1/2" | 10 | 60 |
| 231-SR | 3/4" | 25 | 250 | 235-SR | 2" | 5 | 30 |
| 232-SR | 1" | 25 | 250 | 236-SR | 2 1/2" | 2 | 10 |
| 233-SR | 1 1/4" | 20 | 120 | 237-SR | 3" | 2 | 10 |

## White Set Screw Connectors



Set screw connector used to join EMT to box or enclosure. Color coded white to match EMT for easy identification. Use with white EMT in light colored areas and open architecture applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/ Robertson head screws. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 231-SW | 3/4" | 25 | 250 |

## Yellow Set Screw Connectors



Set screw connector used to join EMT. to box or enclosure. Color coded yellow to match EMT for easy identification. Use with yellow EMT in special equipment, caution areas, and high voltage applications. Concrete-tight. Furnished with Tri-Drive slot/ Phillips/Robertson head screws. Patented.

c UL us File No. E24001

**Steel**

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 231-SY | 3/4" | 25 | 250 |

## Black Set Screw Couplings



Set screw coupling used to join two lengths of EMT. Color coded black to match EMT for easy identification. Use with black EMT in dark colored areas or in open architecture applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001

**Steel**

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 241-SBLK | 3/4" | 25 | 250 |

## Blue Set Screw Couplings



Set screw coupling used to join two lengths of EMT. Color coded blue to match EMT for easy identification. Use with blue EMT for low voltage wiring, data comm/video and network security applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/ Robertson head screws. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 240-SBLU | 1/2" | 50 | 500 |
| 241-SBLU | 3/4" | 25 | 250 |
| 242-SBLU | 1" | 20 | 200 |
| 243-SBLU | 1 1/4" | 15 | 90 |

## Green Set Screw Couplings



Set screw coupling used to join two lengths of EMT. Color coded green to match EMT for easy identification. Use with green EMT for critical circuits, nurse call stations and hospital and healthcare applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/ Robertson head screws. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 241-SG | 3/4" | 25 | 250 |

## Orange Set Screw Couplings



Set screw coupling used to join two lengths of EMT. Color coded orange to match EMT for easy identification. Use with orange EMT in construction/research, fiber optic and auto repair/ maintenance applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 241-SO | 3/4" | 25 | 250 |

## Red® Fire Alarm Couplings



Set screw coupling used to join two lengths of EMT. Color coded red to match EMT for easy identification. Use with red EMT for emergency circuits, fire alarm and security system applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 240-SR | 1/2" | 50 | 500 | 244-SR | 1 1/2" | 10 | 60 |
| 241-SR | 3/4" | 25 | 250 | 245-SR | 2" | 5 | 30 |
| 242-SR | 1" | 20 | 200 | 246-SR | 2 1/2" | 2 | 10 |
| 243-SR | 1 1/4" | 15 | 90 | 247-SR | 3" | 2 | 10 |

## White Set Screw Couplings



Set screw coupling used to join two lengths of EMT. Color coded white to match EMT for easy identification. Use with white EMT in light colored areas and open architecture applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 241-SW | 3/4" | 25 | 250 |

## Yellow Set Screw Couplings



Set screw coupling used to join two lengths of EMT. Color coded yellow to match EMT for easy identification. Use with yellow EMT in special equipment, caution areas, and high voltage applications. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 241-SY | 3/4" | 25 | 250 |

## Mighty-Bite™ PUSH-EMT® Connectors



Connecting EMT has never been this fast and easy. Simply push the connector onto the conduit. Removable and reusable. Approximately 75% quicker to install than conventional fittings. Concrete-tight. Patented.

c UL us File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-MB | 1/2" | 25 | 250 |
| 251-MB | 3/4" | 25 | 250 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-MBI | 1/2" | 25 | 250 |
| 251-MBI | 3/4" | 25 | 250 |

## Mighty-Bite™ PUSH-EMT® Couplings



Connecting EMT has never been this fast and easy. Simply push the coupling onto the conduit. Removable and reusable. Approximately 75% quicker to install than conventional fittings. Concrete-tight. Patented.

c UL us File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 260-MB | 1/2" | 25 | 250 |
| 261-MB | 3/4" | 25 | 250 |

## Mighty-Seal® Raintight PUSH-EMT® Connectors



Connecting EMT has never been this fast and easy. Simply push the connector onto the conduit for a raintight/wet location seal. Removable and reusable. Approximately 75% quicker to install than conventional fittings. Patented.

c UL us File No. E24001

**Zinc Die Cast**

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-MSRT | 1/2" | 25 | 250 |
| 251-MSRT | 3/4" | 25 | 250 |

**Zinc Die Cast / Insulated Throat - 105°C**

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-MSRTI | 1/2" | 25 | 250 |
| 251-MSRTI | 3/4" | 25 | 250 |

## Mighty-Seal® PUSH-EMT® Couplings



Connecting EMT has never been this fast and easy. Simply push the coupling onto the conduit for a raintight/wet location seal. Removable and reusable. Approximately 75% quicker to install than conventional fittings. Patented.

c UL us File No. E24001

**Zinc Die Cast**

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 260-MSRT | 1/2" | 25 | 250 |
| 261-MSRT | 3/4" | 25 | 250 |

## Compression Connectors



Compression type connector used to join EMT to box or enclosure. Concrete-tight.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 250 | 1/2" | 25 | 250 | 255 | 2" | --- | 10 |
| 251 | 3/4" | 25 | 250 | 256 | 2 1/2" | 2 | 10 |
| 252 | 1" | 10 | 100 | 257 | 3" | 2 | 10 |
| 253 | 1 1/4" | --- | 25 | 258 | 3 1/2" | --- | 6 |
| 254 | 1 1/2" | --- | 25 | 259 | 4" | --- | 6 |

### Steel / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 250-I | 1/2" | 25 | 250 | 255-I | 2" | --- | 10 |
| 251-I | 3/4" | 25 | 250 | 256-I | 2 1/2" | 2 | 10 |
| 252-I | 1" | 10 | 100 | 257-I | 3" | 2 | 10 |
| 253-I | 1 1/4" | --- | 25 | 258-I | 3 1/2" | --- | 6 |
| 254-I | 1 1/2" | --- | 25 | 259-I | 4" | --- | 6 |

## Made in the USA
## Compression Connectors



Compression type connectors used to join EMT to box or enclosure. Concrete-tight.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-US | 1/2" | 25 | 250 |
| 251-US | 3/4" | 25 | 250 |
| 252-US | 1" | 10 | 100 |
| 253-US | 1 1/4" | --- | 25 |
| 254-US | 1 1/2" | --- | 25 |
| 255-US | 2" | --- | 10 |

### Steel / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-USI | 1/2" | 25 | 250 |
| 251-USI | 3/4" | 25 | 250 |
| 252-USI | 1" | 10 | 100 |
| 253-USI | 1 1/4" | --- | 25 |
| 254-USI | 1 1/2" | --- | 25 |
| 255-USI | 2" | --- | 10 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 256-US | 2 1/2" | 2 | 10 |
| 257-US | 3" | 2 | 10 |
| 258-US | 3 1/2" | --- | 6 |
| 259-US | 4" | --- | 6 |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 256-USI | 2 1/2" | 2 | 10 |
| 257-USI | 3" | 2 | 10 |
| 258-USI | 3 1/2" | --- | 6 |
| 259-USI | 4" | --- | 6 |

## Raintight Compression Connectors



Compression type connector with internal sealing ring and knockout gasket to create a raintight seal when connecting EMT to box or enclosure.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 250-SRT | 1/2" | 25 | 250 | 255-SRT | 2" | --- | 10 |
| 251-SRT | 3/4" | 25 | 250 | 256-SRT | 2 1/2" | 2 | 10 |
| 252-SRT | 1" | 10 | 100 | 257-SRT | 3" | 2 | 10 |
| 253-SRT | 1 1/4" | --- | 25 | 258-SRT | 3 1/2" | --- | 6 |
| 254-SRT | 1 1/2" | --- | 25 | 259-SRT | 4" | --- | 6 |

### Steel / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 250-SRTI | 1/2" | 25 | 250 | 255-SRTI | 2" | --- | 10 |
| 251-SRTI | 3/4" | 25 | 250 | 256-SRTI | 2 1/2" | 2 | 10 |
| 252-SRTI | 1" | 10 | 100 | 257-SRTI | 3" | 2 | 10 |
| 253-SRTI | 1 1/4" | --- | 25 | 258-SRTI | 3 1/2" | --- | 6 |
| 254-SRTI | 1 1/2" | --- | 25 | 259-SRTI | 4" | --- | 6 |

## Compression Couplings



Compression type couplings used to join EMT to box or enclosure. Concrete-tight.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 260 | 1/2" | 25 | 250 | 265 | 2" | --- | 10 |
| 261 | 3/4" | 20 | 200 | 266 | 2 1/2" | 2 | 10 |
| 262 | 1" | 10 | 100 | 267 | 3" | 2 | 10 |
| 263 | 1 1/4" | --- | 25 | 268 | 3 1/2" | --- | 6 |
| 264 | 1 1/2" | --- | 25 | 269 | 4" | --- | 6 |

## Raintight Compression Couplings



Compression style coupling used to join two lengths of EMT. Internal sealing rings create a raintight seal. Concrete-tight/ Raintight. Patented.

c UL us File No. E24001

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 260-SRT | 1/2" | 25 | 250 | 265-SRT | 2" | --- | 10 |
| 261-SRT | 3/4" | 20 | 200 | 266-SRT | 2 1/2" | 2 | 10 |
| 262-SRT | 1" | 10 | 100 | 267-SRT | 3" | 2 | 10 |
| 263-SRT | 1 1/4" | --- | 25 | 268-SRT | 3 1/2" | --- | 6 |
| 264-SRT | 1 1/2" | --- | 25 | 269-SRT | 4" | --- | 6 |

## Made in the USA Compression Couplings



Compression type couplings used to join two lengths of EMT. Concrete-tight.

UL File No. E24001

### Steel

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 260-US | 1/2" | 25 | 250 | 265-US | 2” | --- | 10 |
| 261-US | 3/4" | 20 | 200 | 266-US | 2 1/2" | 2 | 10 |
| 262-US | 1" | 10 | 100 | 267-US | 3" | 2 | 10 |
| 263-US | 1 1/4" | --- | 25 | 268-US | 3 1/2" | --- | 6 |
| 264-US | 1 1/2" | --- | 25 | 269-US | 4" | --- | 6 |

## Compression Connectors



Compression type connector used to join EMT to box or enclosure. 2 1/2" and larger suitable for aluminum or steel EMT and rigid. Concrete-tight.

File No. E24001 File No. LR39354

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 250-DC2 | 1/2" | 50 | 500 | 255-DC2 | 2" | --- | 10 |
| 251-DC2 | 3/4" | 25 | 250 | 256-DC2 | 2 1/2" | --- | 12 |
| 252-DC2 | 1" | 15 | 150 | 257-DC2 | 3" | --- | 12 |
| 253-DC2 | 1 1/4" | 10 | 100 | 258-DC2 | 3 1/2" | --- | 6 |
| 254-DC2 | 1 1/2" | 10 | 40 | 259-DC2 | 4" | --- | 6 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 250-DCI2 | 1/2" | 50 | 500 | 255-DCI2 | 2" | --- | 10 |
| 251-DCI2 | 3/4" | 25 | 250 | 256-DCI2 | 2 1/2" | --- | 12 |
| 252-DCI2 | 1" | 15 | 150 | 257-DCI2 | 3" | --- | 12 |
| 253-DCI2 | 1 1/4" | 10 | 100 | 258-DCI2 | 3 1/2" | --- | 6 |
| 254-DCI2 | 1 1/2" | 10 | 40 | 259-DCI2 | 4" | --- | 6 |

## Compression Couplings



Compression type coupling used to join two lengths of EMT. 2 1/2" and larger zinc die cast are suitable for aluminum or steel EMT and rigid. Concrete-tight.

File No. E24001 File No. LR39354

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 260-DC | 1/2" | 50 | 500 | 265-DC | 2" | --- | 10 |
| 261-DC | 3/4" | 25 | 250 | 266-DC | 2 1/2" | --- | 12 |
| 262-DC | 1" | 15 | 150 | 267-DC | 3" | --- | 12 |
| 263-DC | 1 1/4" | 10 | 100 | 268-DC | 3 1/2" | --- | 6 |
| 264-DC | 1 1/2" | 10 | 40 | 269-DC | 4" | --- | 6 |

## Made in the USA Raintight Compression Connectors



Compression style connector with internal sealing ring and knockout gasket to create a raintight seal when connecting EMT to box or enclosure. Patented.

UL File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 250-RT2US | 1/2" | 50 | 500 | 255-RT2 | 2" | --- | 10 |
| 251-RT2US | 3/4" | 25 | 250 | 256-RT2 | 2 1/2" | --- | 12 |
| 252-RT2 | 1" | 15 | 150 | 257-RT2 | 3" | --- | 12 |
| 253-RT2 | 1 1/4" | 10 | 100 | 258-RT2* | 3 1/2" | --- | 6 |
| 254-RT2 | 1 1/2" | 10 | 40 | 259-RT2* | 4" | --- | 6 |

*Consult factory for availability.

### Zinc Die Cast / Insulated Throat - 90°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 250-RTI2US | 1/2" | 50 | 500 | 255-RTI2 | 2" | --- | 10 |
| 251-RTI2US | 3/4" | 25 | 250 | 256-RTI2 | 2 1/2" | --- | 12 |
| 252-RTI2 | 1" | 15 | 150 | 257-RTI2 | 3" | --- | 12 |
| 253-RTI2 | 1 1/4" | 10 | 100 | 258-RTI2* | 3 1/2" | --- | 6 |
| 254-RTI2 | 1 1/2" | 10 | 40 | 259-RTI2* | 4" | --- | 6 |

*Consult factory for availability.

## Raintight Compression Connectors



Compression style connector with internal sealing ring and knockout gasket to create a raintight seal when connecting EMT to box or enclosure. Patented.

c UL us File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-RT2 | 1/2" | 50 | 500 |
| 251-RT2 | 3/4" | 25 | 250 |

### Zinc Die Cast / Insulated Throat - 90°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-RTI2 | 1/2" | 50 | 500 |
| 251-RTI2 | 3/4" | 25 | 250 |

## Made in the USA Raintight Compression Couplings





Compression style coupling used to join two lengths of EMT. Internal sealing rings create a raintight seal. Patented.

(UL) File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 260-RTUS | 1/2" | 50 | 500 | 265-RT | 2" | --- | 10 |
| 261-RTUS | 3/4" | 25 | 250 | 266-RT | 2 1/2" | --- | 12 |
| 262-RT | 1" | 15 | 150 | 267-RT | 3" | --- | 12 |
| 263-RT | 1 1/4" | 10 | 100 | 268-RT* | 3 1/2" | --- | 6 |
| 264-RT | 1 1/2" | 10 | 40 | 269-RT* | 4" | --- | 6 |

*Consult factory for availability.

## Raintight Compression Couplings



Compression style coupling used to join two lengths of EMT. Internal sealing rings create a raintight seal. Patented.

c(UL)us File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 260-RT | 1/2" | 50 | 500 |
| 261-RT | 3/4" | 25 | 250 |

## 90° Compression Connectors



90° compression type connector used to join EMT to box or enclosure. Concrete-tight.

c UL us File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 270-DC2 | 1/2" | 20 | 100 |

## Set Screw Offset Nipple Connectors



Set screw type connector used to join EMT to box or enclosure. Concrete-tight. 1620-DC2 has 3/8" offset; 1621-DC2 has 3/4" offset.

UL File No. E24001

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1620-DC2 | 1/2" | 20 | 200 |
| 1621-DC2 | 3/4" | 10 | 100 |
| 1622-DC2 | 1" | 5 | 50 |

## Combination Couplings



Compression type end for EMT; two-screw steel strap end for flexible metal conduit.

### Malleable Iron

| Catalog Number | EMT Trade Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 280 | 1/2" | 3/8" | 25 | 100 |
| 281 | 1/2" | 1/2" | 20 | 100 |

## Combination Couplings



280SP



280-DC, 280-DCX



281-DC, 282-DC, 282-DCX, 283-DC

Set screw type coupling used to join EMT to AC/MC and flexible metal conduit. The patented 280-DCX and 280-DC have steel straps. The 280SP is patented Mighty-Merge® design and has set screw end for EMT and Snap-In end for AC/MC cables and flexible metal conduit. Refer to the cable connector compatibility chart in the technical guide section for MCI-A and other cables.

c UL us File No. E9391: 280-DC, 280SP, 281-DC, 282-DC, 283-DC

NEW

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | Nonmetallic Cable Range* Min. | Nonmetallic Cable Range* Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 280-DC | 1/2" | 3/8" | 14/2 | 10/3 | --- | --- | 25 | 100 |
| 280-DCX | 1/2" | 3/8" | 14/2 | 14/2 | 14/2 (.43") | 10/3 (.61") | 25 | 100 |
| 280SP | 1/2" | 3/8" | --- | --- | 14/2 (.43") | 10/3 (.61") | 25 | 100 |
| 281-DC | 1/2" | 1/2" | --- | --- | --- | --- | 25 | 250 |
| 282-DC | 3/4" | 3/4" | --- | --- | --- | --- | 25 | 100 |
| 282-DCX | 3/4" | 1/2" | --- | --- | --- | --- | 25 | 100 |
| 283-DC | 1" | 1" | --- | --- | --- | --- | 10 | 100 |

*See nonmetallic cable section.

## Combination Couplings


Zinc Die Cast


Steel

Set screw type fitting used to join EMT to rigid or IMC. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws.

Listed: 290-DC thru 292-DC

File No. E9391: 290-S thru 292-S

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-DC | 1/2" | 1/2" | 50 | 200 |
| 291-DC | 3/4" | 3/4" | 25 | 100 |
| 292-DC | 1" | 1" | 25 | 100 |

### Steel

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-S | 1/2" | 1/2" | 25 | 100 |
| 291-S | 3/4" | 3/4" | 25 | 100 |
| 292-S | 1" | 1" | 10 | 50 |

## Combination Couplings



Coupling used to join EMT to rigid or IMC. Coupling internally threaded for rigid / IMC. Compression type for EMT. Concrete-tight.

File No. E9391: 292-MS

### Zinc Plated Steel

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-MS | 1/2" | 1/2" | 25 | 100 |
| 291-MS | 3/4" | 3/4" | 25 | 100 |
| 292-MS | 1" | 1" | 10 | 50 |

## Mighty-Merge® Raintight Combination Couplings




Couplings used to transition EMT to rigid for a secure raintight/ wet location seal. Patented.

ETL Listed

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-RT | 1/2" | 1/2" | 25 | 100 |
| 291-RT | 3/4" | 3/4" | 25 | 100 |
| 292-RT | 1" | 1" | 10 | 50 |

## Combination Couplings



Coupling used to join EMT to flexible metal conduit. Screw-in end for flex. Compression end for EMT.

UL File No. E9391

581-DC UL also listed for use with XRWFMC.

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 581-DC | 1/2" | 50 | 500 |
| 582-DC | 3/4" | 25 | 250 |
| 583-DC | 1" | 10 | 100 |

## Mighty-Merge® Combination Couplings



4057-DC



4058-DC

Couplings used to join EMT to flexible metal conduit and AC/MC cable. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented.

Listed

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 4057-DC | 3/4" | 3/8" | 14/2 (.43") | 10/3 (.61") | 25 | 100 |
| 4058-DC | 3/4" | 1/2" | 10/4 (.43") | 6/4 (.61") | 25 | 100 |

## Mighty-Merge®
## Combination Couplings



Coupling used to join duplex AC/MC cable or flexible metal conduit to EMT. Set screw type transitional fitting ideal for commercial and institutional facilities. A labor savings, compared to the traditional junction box installation. Simply remove the armor and expose the length of conductors to reach the device box or enclosure. Insert FMC or AC/MC until visible in inspection holes. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented.

c(UL)us File No. E20534

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 4157-DC | 3/4" | 3/8" | 14/2 (.43") | 10/3 (.61") | 25 | 100 |

## Mighty-Merge® Two-to-One Combination Couplings




Used to join two lengths of EMT conduit into one. The 4256-DC joins two 1/2" EMT to one 3/4" EMT. The 4258-DC joins two 3/4" EMT to one 1" EMT. Patented.

c UL us File No. E20534

NEW

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 4256-DC | 1/2" to 3/4" | 10 | 40 |
| 4258-DC | 3/4" to 1" | 10 | 40 |

## Combination Couplings



Coupling used to join either metallic or nonmetallic (Type “B”) liquid tight to EMT. Concrete-tight. UL Listed “Raintight”.

UL File No. E24001

CSA File No. LR39354

### Zinc Die Cast

| Catalog Number | EMT Trade Size | LT Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 4360-DC | 1/2" | 1/2" | 25 | 100 |
| 4361-DC | 3/4" | 3/4" | 10 | 50 |

## One Hole EMT Straps



Malleable



Steel

To support EMT to mounting surface.

c UL us File No. E161206: 907 thru 910; 921 thru 925

UL File No. E161206: 907-S thru 910-S; 924-S thru 925-S

SP File No. LR39354: 907 thru 910; 907-S thru 910-S; 920-S thru 925-S

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 920 | 1/2" | 100 | 1000 | 907 | 2 1/2" | --- | 25 |
| 921 | 3/4" | 50 | 500 | 908 | 3" | --- | 10 |
| 922 | 1" | 50 | 500 | 909 | 3 1/2" | --- | 10 |
| 923 | 1 1/4" | --- | 100 | 910 | 4" | --- | 10 |
| 924 | 1 1/2" | --- | 100 | | | | |
| 925 | 2" | --- | 50 | | | | |

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 920-S | 1/2" | 100 | 1000 | 907-S | 2 1/2" | --- | 25 |
| 921-S | 3/4" | 100 | 500 | 908-S | 3" | --- | 25 |
| 922-S | 1" | 50 | 500 | 909-S | 3 1/2" | --- | 10 |
| 923-S | 1 1/4" | --- | 100 | 910-S | 4" | --- | 10 |
| 924-S | 1 1/2" | --- | 100 | | | | |
| 925-S | 2" | --- | 50 | | | | |

## EMT Nail Straps

Nail type strap to support EMT to mounting surface.



### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 920-NS | 1/2" | 100 | 1000 |
| 921-NS | 3/4" | 100 | 1000 |
| 922-NS | 1" | 100 | 1000 |

## Clamp Backs



Provides space between conduit and mounting surface.
For use with malleable straps.

c UL us File No. E161206

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 941 | 1/2" | 50 | 250 | 946 | 2" | 5 | 50 |
| 942 | 3/4" | 50 | 250 | 947 | 2 1/2" | 2 | 10 |
| 943 | 1" | 25 | 100 | 948 | 3" | 2 | 10 |
| 944 | 1 1/4" | 20 | 100 | 949 | 3 1/2" | --- | 5 |
| 945 | 1 1/2" | 10 | 100 | 950 | 4" | --- | 5 |

## Two Hole EMT Pipe Straps



To support EMT to mounting surface.

c UL us File No. E161206: 1907 thru 1910

CSA File No. LR39354: 1920 thru 1925

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1907 | 2 1/2" | 25 | 100 | 1920 | 1/2" | 250 | 2500 |
| 1908 | 3" | 20 | 80 | 1921 | 3/4" | 200 | 2000 |
| 1909 | 3 1/2" | 15 | 60 | 1922 | 1" | 100 | 1000 |
| 1910 | 4" | 10 | 40 | 1923 | 1 1/4" | 50 | 500 |
| | | | | 1924 | 1 1/2" | 50 | 500 |
| | | | | 1925 | 2" | 25 | 250 |

## Mighty-Hold® Universal Clamp Straps

NEW



UCS-5075



UCS-75100

One piece clamp back and strap secures both cable and conduit. The UCS-5075 secures 1/2" and 3/4" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable.

The UCS-75100 secures 3/4" and 1" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Patent Pending.

c UL us File No. E161206

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| UCS-5075 | 1/2" - 3/4" | 25 | 100 |
| UCS-75100 | 3/4" - 1" | 25 | 100 |

## Insulating Bushings



EMT bushing insulates telephone, computer, video and other low voltage wiring from sharp edges of EMT.

### Polyethylene - 90°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| TWB-51 | 1/2" | 100 | 1000 | TWB-56 | 2" | --- | 50 |
| TWB-52 | 3/4" | 50 | 500 | TWB-57 | 2 1/2" | --- | 25 |
| TWB-53 | 1" | 25 | 250 | TWB-58 | 3" | --- | 25 |
| TWB-54 | 1 1/4" | 25 | 250 | TWB-59 | 3 1/2" | --- | 25 |
| TWB-55 | 1 1/2" | --- | 100 | TWB-60 | 4" | --- | 25 |

## Mighty-Move® Steel Expansion Couplings for EMT



Low cost and easy to use. Assembles like a regular EMT set screw coupling. Use to compensate plus or minus 2" lateral movement of conduit in dry locations. Available for use with trade size 3/4" thru 4" steel EMT. To install simply slide coupling end stop onto fixed end of EMT and tighten set screw. Place movable EMT completely into coupling and mark engagement, remove EMT and mark half the distance of engagement, reinstall EMT to half distance. May be used with **optional Bonding Jumper Assembly cat. nos. BJ-100, BJ-200 and BJ-400**. US Patent 6,715,803,B1.

c UL us File No. E24001: EC-075 thru EC-200
E9391: EC-250 thru EC-400

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| EC-075 | 3/4" | 15 | 60 |
| EC-100 | 1" | 10 | 40 |
| EC-125 | 1-1/4" | 8 | 40 |
| EC-150 | 1-1/2" | 6 | 30 |
| EC-200 | 2" | --- | 4 |
| EC-250* | 2-1/2" | --- | 1 |
| EC-300* | 3" | --- | 1 |
| EC-350* | 3-1/2" | --- | 1 |
| EC-400* | 4" | --- | 1 |

***2-1/2" thru 4" suitable for use with EMT or rigid conduit.**

## Die Cast Aluminum Conduit Bodies

| Trade Size | Maximum Number of Conductors | | | | | |
|---|---|---|---|---|---|---|
| | LB | C | LL | LR | T | LLR |
| 1/2" | N/A | N/A | N/A | N/A | N/A | – |
| 3/4" | 6 AWG | 6 AWG | 6 AWG | 6 AWG | 6 AWG | – |
| 1" | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG |
| 1 1/4" | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG |
| 1 1/2" | 3 - 1/0 AWG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 2 AWAG | 3 - 1/0 AWG |
| 2" | 3 - 4/0 AWG | 3 - 2/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 3/0 AWG |
| 2 1/2" | 300 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 2/0 AWG | – |
| 3" | 350 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | – |
| 3 1/2" | 3 - 400 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | – |
| 4" | 3 - 400 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | – |

| Trade Size | Volume in Cu. In. | | | | | |
|---|---|---|---|---|---|---|
| | LB | C | LL | LR | T | LLR |
| 1/2" | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 5.5 |
| 3/4" | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 9.0 |
| 1" | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 15.0 |
| 1 1/4" | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 39.5 |
| 1 1/2" | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 40.8 |
| 2" | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 88.5 |
| 2 1/2" | 152.5 | 157.4 | 157.4 | 157.4 | 157.4 | – |
| 3" | 152.5 | 179.8 | 179.8 | 179.8 | 179.8 | – |
| 3 1/2" | 311.8 | 323.0 | 323.0 | 323.0 | 323.0 | – |
| 4" | 311.8 | 323.0 | 323.0 | 323.0 | 323.0 | – |

## Malleable Iron Conduit Bodies

| Trade Size | Maximum Number of Conductors | | | | |
|---|---|---|---|---|---|
| | LB | C | LL | LR | T |
| 1/2" | N/A | N/A | N/A | N/A | N/A |
| 3/4" | 3 - 6 AWG | 3 - 6 AWG | 3 - 6 AWG | 3 - 6 AWG | 3 - 6 AWG |
| 1" | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG |
| 1 1/4" | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG |
| 1 1/2" | 3 - 1/0 AWG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 1 AWAG |
| 2" | 3 - 3/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 2/0 AWG |
| 2 1/2" | 3 - 250 MCM | 3 - 300 MCM | 3 - 300 MCM | 3 - 300 MCM | 3 - 4/0 AWG |
| 3" | 3 - 250 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 4/0 AWG |
| 3 1/2" | 3 - 350 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 500 MCM | 3 - 350 MCM |
| 4" | 3 - 350 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 500 MCM | 3 - 350 MCM |

| Trade Size | Volume in Cu. In. | | | | |
|---|---|---|---|---|---|
| | LB | C | LL | LR | T |
| 1/2" | 4.5 | 4.5 | 4.5 | 4.5 | 6.0 |
| 3/4" | 7.5 | 7.5 | 7.5 | 7.5 | 9.5 |
| 1" | 12.5 | 12.5 | 12.5 | 12.5 | 15.0 |
| 1 1/4" | 32.3 | 32.3 | 32.3 | 32.3 | 33.0 |
| 1 1/2" | 35.3 | 35.3 | 35.3 | 35.3 | 36.0 |
| 2" | 73.0 | 73.0 | 73.0 | 73.0 | 75.0 |
| 2 1/2" | 138.0 | 138.0 | 138.0 | 138.0 | 138.0 |
| 3" | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 |
| 3 1/2" | 300.0 | 300.0 | 300.0 | 300.0 | 300.0 |
| 4" | 328.0 | 328.0 | 328.0 | 328.0 | 328.0 |

## Type C Set Screw Type



Allows access to the interior of a conduit system for inspection, pulling and maintenance.

UL File No. E11077

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| C-31 | 1/2" | 10 | 60 | C-37CG* | 2 1/2" | --- | 1 |
| C-32 | 3/4" | 10 | 60 | C-38CG* | 3" | --- | 1 |
| C-33 | 1" | 5 | 30 | C-39CG* | 3 1/2" | --- | 1 |
| C-34 | 1 1/4" | 2 | 10 | C-40CG* | 4" | --- | 1 |
| C-35 | 1 1/2" | 2 | 10 | | | | |
| C-36 | 2" | 1 | 6 | | | | |

*Provided with cover and neoprene gasket.

## Combination Type C



Units have a threaded interior for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

UL File No. E11077

UL Listed Raintight when used with rigid conduit or raintight compression connectors.

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| C-41CGC | 1/2" | 10 | 60 | C-44CGC | 1 1/4" | 2 | 10 |
| C-42CGC | 3/4" | 10 | 60 | C-45CGC | 1 1/2" | 2 | 10 |
| C-43CGC | 1" | 5 | 30 | C-46CGC | 2" | 1 | 6 |

## Type LB Set Screw Type



Allows access to the interior of a conduit system for inspection, pulling and maintenance.

UL File No. E11077

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| LB-31 | 1/2" | 10 | 60 | LB-36 | 2" | 1 | 6 |
| LB-32 | 3/4" | 10 | 60 | LB-37 | 2 1/2" | --- | 1 |
| LB-33 | 1" | 5 | 30 | LB-38 | 3" | --- | 1 |
| LB-34 | 1 1/4" | 2 | 10 | LB-39 | 3 1/2" | --- | 1 |
| LB-35 | 1 1/2" | 2 | 10 | LB-40 | 4" | --- | 1 |

## Combination Type LB



Units have a threaded interior for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

UL File No. E11077

UL Listed Raintight when used with rigid conduit or raintight compression connectors.

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| LB-41CGC | 1/2" | 10 | 60 | LB-44CGC | 1 1/4" | 2 | 10 |
| LB-42CGC | 3/4" | 10 | 60 | LB-45CGC | 1 1/2" | 2 | 10 |
| LB-43CGC | 1" | 5 | 30 | LB-46CGC | 2" | 1 | 6 |

## Type LL Set Screw Type



Allows access to the interior of a conduit system for inspection, pulling and maintenance.

UL File No. E11077

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| LL-31 | 1/2" | 10 | 60 | LL-34 | 1 1/4" | 2 | 10 |
| LL-32 | 3/4" | 10 | 60 | LL-35 | 1 1/2" | 2 | 10 |
| LL-33 | 1" | 5 | 30 | LL-36 | 2" | 1 | 6 |

## Combination Type LL



Units have a threaded interior for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

UL File No. E11077

UL Listed Raintight when used with rigid conduit or raintight compression connectors.

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| LL-41CGC | 1/2" | 10 | 60 | LL-44CGC | 1 1/4" | 2 | 10 |
| LL-42CGC | 3/4" | 10 | 60 | LL-45CGC | 1 1/2" | 2 | 10 |
| LL-43CGC | 1" | 5 | 30 | LL-46CGC | 2" | 1 | 6 |

## Combination Type LL/LR



Combination type LL/LR style. Units have a threaded interior for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

c UL us File No. E11077

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| LLR-41 | 1/2" | 10 | 60 | LLR-44 | 1 1/4" | 2 | 10 |
| LLR-42 | 3/4" | 10 | 60 | LLR-45 | 1 1/2" | 2 | 10 |
| LLR-43 | 1" | 5 | 30 | LLR-46 | 2" | --- | 5 |

## Type LR Set Screw



Allows access to the interior of a conduit system for inspection, pulling and maintenance.

UL File No. E11077

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| LR-31 | 1/2" | 10 | 60 | LR-34 | 1 1/4" | 2 | 10 |
| LR-32 | 3/4" | 10 | 60 | LR-35 | 1 1/2" | 2 | 10 |
| LR-33 | 1" | 5 | 30 | LR-36 | 2" | 1 | 6 |

## Combination Type LR



Units have a threaded interior for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

UL File No. E11077

UL Listed Raintight when used with rigid conduit or raintight compression connectors.

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| LR-41CGC | 1/2" | 10 | 60 | LR-44CGC | 1 1/4" | 2 | 10 |
| LR-42CGC | 3/4" | 10 | 60 | LR-45CGC | 1 1/2" | 2 | 10 |
| LR-43CGC | 1" | 5 | 30 | LR-46CGC | 2" | 1 | 6 |

## Type T Set Screw



Allows access to the interior of a conduit system for inspection, pulling and maintenance.

UL File No. E11077

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| T-31 | 1/2" | 10 | 60 | T-34 | 1 1/4" | 2 | 10 |
| T-32 | 3/4" | 10 | 60 | T-35 | 1 1/2" | 2 | 10 |
| T-33 | 1" | 5 | 30 | T-36 | 2" | 1 | 6 |

## Combination Type T



Units have a threaded interior for use with rigid or IMC as well as set screws for use with EMT. Preassembled with cover and gasket.

UL File No. E11077

UL Listed Raintight when used with rigid conduit or raintight compression connectors.

### Aluminum with Cover and Gasket

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| T-41CGC | 1/2" | 10 | 60 | T-44CGC | 1 1/4" | 2 | 10 |
| T-42CGC | 3/4" | 10 | 60 | T-45CGC | 1 1/2" | 2 | 10 |
| T-43CGC | 1" | 5 | 30 | T-46CGC | 2" | 1 | 6 |

## Conduit Body Covers



Encloses conduit body; supplied with screws.

UL File No. E11077

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SC-41 | 1/2" | 25 | 100 |
| SC-42 | 3/4" | 25 | 100 |
| SC-43 | 1" | 25 | 100 |
| SC-44 | 1 1/4" - 1 1/2" | 10 | 100 |
| SC-46 | 2" | --- | 25 |
| SC-47 | 2 1/2" - 3" | --- | 20 |
| SC-49 | 3 1/2" - 4" | --- | 5 |

## Conduit Body Gaskets



SG series provides dust tight seal between conduit body and cover.
SGN series provides both dust and rain-tight protection.
SGN gaskets are impervious to most liquids and oil.

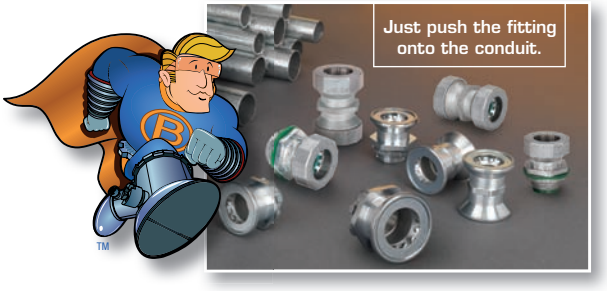
### Cellulose

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| SG-61 | 1/2" | 100 | 1000 | SG-66 | 2" | --- | 100 |
| SG-62 | 3/4" | 100 | 1000 | SG-67 | 2 1/2" - 3" | --- | 100 |
| SG-63 | 1" | 50 | 500 | SG-69 | 3 1/2" - 4" | --- | 25 |
| SG-64 | 1 1/4" - 1 1/2" | --- | 100 | | | | |

### Neoprene

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| SGN-61 | 1/2" | 100 | 1000 | SGN-66 | 2" | --- | 100 |
| SGN-62 | 3/4" | 100 | 1000 | SGN-67 | 2 1/2" - 3" | --- | 100 |
| SGN-63 | 1" | 50 | 500 | SGN-69 | 3 1/2" - 4" | --- | 25 |
| SGN-64 | 1 1/4" - 1 1/2" | --- | 100 | | | | |

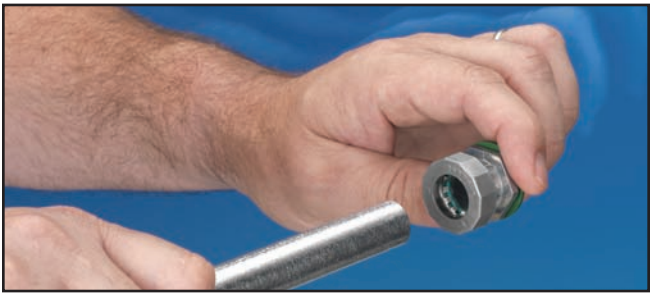
## Mighty-B™ PUSH-EMT® Fittings




Connecting EMT conduit in wet or dry locations has never been this fast and simple. Mighty-Seal® and Mighty-Bite™ connectors and couplings are part of the exclusive Mighty-B™ line of high-quality, high-performance products focused on getting the job done fast, done right. Legendary Bridgeport quality, innovation and unparalleled service are built in to every fitting we ship. All fittings exceed the stringent design requirements of UL 514B and the National Electrical Code.

- Push-on install
- Removable
- Raintight & dry location models
- Constructed of the highest quality zinc
- Corrosion resistant
- Precision cast threads
- Reversible zinc serrated locknut
- cULus Listed
- Approximately 75% quicker to install than conventional fittings
- Patented

## Typical Raintight Installation and Removal



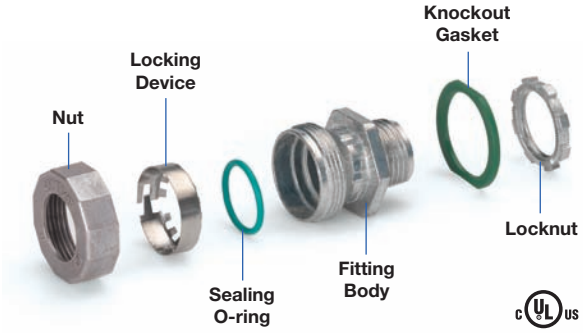
### Installation

1. No disassembly required
2. Cut EMT square and remove burrs
3. Firmly push and rotate EMT onto fitting a minimum 1/2"
4. For connector, install with knockout gasket on outside of enclosure. Hand tighten locknut plus 1/4 turn

### Removal

1. Unscrew nut from fitting body
2. Remove EMT
3. To reuse*, ensure components are assembled in order (see below) and tighten nut hand tight

* Fittings have not been investigated for reusability. Reusability should be determined by the installer and the AHJ.



## Typical Dry Location Installation and Removal



### Installation

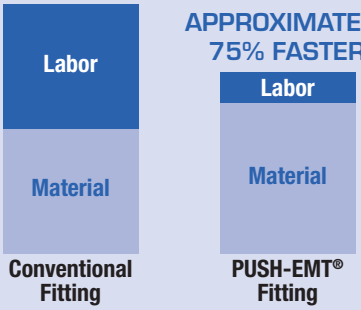
1. Cut EMT square and remove burrs
2. Firmly push and rotate EMT onto fitting a minimum 1/2"
3. For connector, install into knockout with locknut. Hand-tighten plus 1/4 turn

### Removal

1. Turn counter-clockwise to remove from EMT
2. Fitting is ready to be reused.*

* Fittings have not been investigated for reusability. Reusability should be determined by the installer and the AHJ.

### REDUCED INSTALLATION TIME:





## Mighty-Bite™ Dry-Location Connectors

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-MB | 1/2" | 25 | 250 |
| 251-MB | 3/4" | 25 | 250 |

Concrete-tight.

c UL us File No. E24001



## Mighty-Bite™ Dry-Location Connectors (Insulated)

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-MBI | 1/2" | 25 | 250 |
| 251-MBI | 3/4" | 25 | 250 |

Concrete-tight.

c UL us File No. E24001



## Mighty-Seal® Raintight Connectors

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-MSRT | 1/2" | 25 | 250 |
| 251-MSRT | 3/4" | 25 | 250 |

c UL us File No. E24001



## Mighty-Seal® Raintight Connectors (Insulated)

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 250-MSRTI | 1/2" | 25 | 250 |
| 251-MSRTI | 3/4" | 25 | 250 |

c UL us File No. E24001



## Mighty-Bite™ Dry-Location Couplings

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 260-MB | 1/2" | 25 | 250 |
| 261-MB | 3/4" | 25 | 250 |

Concrete-tight.

c UL us File No. E24001



## Mighty-Seal® Raintight Couplings

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 260-MSRT | 1/2" | 25 | 250 |
| 261-MSRT | 3/4" | 25 | 200 |

c UL us File No. E24001

## Liquid Tight Connectors, Straight & 90°



429-NMLT



470-NMLT

Nonmetallic straight and 90° connectors for use with nonmetallic "Type B" liquid tight conduit. Sunlight resistant.

c UL us File No. E9391

### Straight Nonmetallic

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 429-NMLT | 3/8" | 25 | 100 |
| 430-NMLT | 1/2" | 25 | 100 |
| 431-NMLT | 3/4" | 10 | 50 |
| 432-NMLT | 1" | 5 | 25 |
| 433-NMLT | 1 1/4" | 5 | 25 |
| 434-NMLT | 1 1/2" | 2 | 10 |
| 435-NMLT | 2" | 2 | 10 |

### 90° Nonmetallic

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 469-NMLT | 3/8" | 25 | 100 |
| 470-NMLT | 1/2" | 25 | 100 |
| 471-NMLT | 3/4" | 10 | 50 |
| 472-NMLT | 1" | 5 | 25 |
| 473-NMLT | 1 1/4" | 2 | 10 |
| 474-NMLT | 1 1/2" | 2 | 10 |
| 475-NMLT | 2" | 2 | 10 |

## Screw-On Liquid Tight Connectors, Straight & 90°



430-NMLTS



470-NMLTS

Nonmetallic straight and 90° connectors for use with nonmetallic "Type B" liquid tight conduit. Connectors simply screw onto conduit. No tools required! Sunlight resistant.

UL File No. E9391

Quick Install

### Straight Nonmetallic

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 430-NMLTS | 1/2" | 25 | 100 |
| 431-NMLTS | 3/4" | 25 | 100 |

### 90° Nonmetallic

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 470-NMLTS | 1/2" | 10 | 100 |
| 471-NMLTS | 3/4" | 10 | 100 |

## Push-On, Swivel Type Multi-Angle Connectors 0-90°

NEW



Push-on, multi-angle connectors for nonmetallic "Type B" liquid tight conduit. Simply push the connector into the conduit and tighten the domed sealing nut. Molded of Type 6 nylon. Resists salt water, weak acids, gasoline, alcohol, oil, grease, and many common solvents.

UL File No. E9391

### Nonmetallic

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 480-NMLTS | 1/2" | 10 | 100 |
| 481-NMLTS | 3/4" | 10 | 100 |

## Liquid Tight Connectors, Straight



Straight connector for use with metallic and nonmetallic “Type B” liquid tight conduit.

File No. E9391

File No. LR39354

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 429-LT2 | 3/8" | 25 | 100 |
| 430-LT2 | 1/2" | 25 | 100 |
| 431-LT2 | 3/4" | 10 | 50 |
| 432-LT2 | 1" | 5 | 25 |
| 433-LT2 | 1 1/4" | 5 | 20 |
| 434-LT2 | 1 1/2" | 2 | 10 |
| 435-LT2 | 2" | 2 | 20 |
| 436-LT2 | 2 1/2" | 1 | 5 |
| 437-LT2 | 3" | 1 | 5 |
| 438-LT2 | 3 1/2" | 1 | 5 |
| 439-LT2 | 4" | 1 | 5 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 429-LTI2 | 3/8" | 25 | 100 |
| 430-LTI2 | 1/2" | 25 | 100 |
| 431-LTI2 | 3/4" | 10 | 50 |
| 432-LTI2 | 1" | 5 | 25 |
| 433-LTI2 | 1 1/4" | 5 | 20 |
| 434-LTI2 | 1 1/2" | 2 | 10 |
| 435-LTI2 | 2" | 2 | 20 |
| 436-LTI2 | 2 1/2" | 1 | 5 |
| 437-LTI2 | 3" | 1 | 5 |
| 438-LTI2 | 3 1/2" | 1 | 5 |
| 439-LTI2 | 4" | 1 | 5 |

## Liquid Tight Connectors, Straight



Steel



Malleable

Straight connector for use with metallic liquid tight conduit.

c UL us File No. E9391: 429-MLT thru 432-MLT; 436-SLT thru 439-SLT; 429-MLTI thru 432-MLTI

UL File No. E9391: Steel and 436-SLTI thru 439-SLTI

CSA File No. LR39354: Steel

***Note:** UL Listing not applicable to 5" & 6" Malleable Iron.

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 429-SLT | 3/8" | 25 | 100 |
| 430-SLT | 1/2" | 25 | 100 |
| 431-SLT | 3/4" | 10 | 50 |
| 432-SLT | 1" | 5 | 25 |

### Steel / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 429-SLTI | 3/8" | 25 | 100 |
| 430-SLTI | 1/2" | 25 | 100 |
| 431-SLTI | 3/4" | 10 | 50 |
| 432-SLTI | 1" | 5 | 25 |

### Malleable Iron

NEW

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 429-MLT | 3/8" | 25 | 100 |
| 430-MLT | 1/2" | 25 | 100 |
| 431-MLT | 3/4" | 10 | 50 |
| 432-MLT | 1" | 5 | 25 |
| 433-SLT | 1 1/4" | 5 | 20 |
| 434-SLT | 1 1/2" | 2 | 10 |
| 435-SLT | 2" | 2 | 20 |
| 436-SLT | 2 1/2" | 1 | 5 |
| 437-SLT | 3" | 1 | 5 |
| 438-SLT | 3 1/2" | 1 | 5 |
| 439-SLT | 4" | 1 | 5 |
| 440-SLT | 5" | --- | 2 |
| 441-SLT | 6" | --- | 1 |

### Malleable Iron / Insulated Throat - 105°C

NEW

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 429-MLTI | 3/8" | 25 | 100 |
| 430-MLTI | 1/2" | 25 | 100 |
| 431-MLTI | 3/4" | 10 | 50 |
| 432-MLTI | 1" | 5 | 25 |
| 433-SLTI | 1 1/4" | 5 | 20 |
| 434-SLTI | 1 1/2" | 2 | 10 |
| 435-SLTI | 2" | 2 | 20 |
| 436-SLTI | 2 1/2" | 1 | 5 |
| 437-SLTI | 3" | 1 | 5 |
| 438-SLTI | 3 1/2" | 1 | 5 |
| 439-SLTI | 4" | 1 | 5 |
| 440-SLTI | 5" | --- | 2 |
| 441-SLTI | 6" | --- | 1 |

## Made in the USA Liquid Tight Connectors, Straight



NEW

Straight malleable iron connectors for use with metallic liquid tight conduit. Zinc Electroplated.

UL File No. E9391

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 429-SLTUS | 3/8" | 25 | 100 | 435-SLTUS | 2" | 2 | 20 |
| 430-SLTUS | 1/2" | 25 | 100 | 436-SLTUS | 2 1/2" | 1 | 5 |
| 431-SLTUS | 3/4" | 10 | 50 | 437-SLTUS | 3" | 1 | 5 |
| 432-SLTUS | 1" | 5 | 25 | 438-SLTUS | 3 1/2" | 1 | 5 |
| 433-SLTUS | 1 1/4" | 5 | 20 | 439-SLTUS | 4" | 1 | 5 |
| 434-SLTUS | 1 1/2" | 2 | 10 | | | | |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 429-SLTIUS | 3/8" | 25 | 100 | 435-SLTIUS | 2" | 2 | 20 |
| 430-SLTIUS | 1/2" | 25 | 100 | 436-SLTIUS | 2 1/2" | 1 | 5 |
| 431-SLTIUS | 3/4" | 10 | 50 | 437-SLTIUS | 3" | 1 | 5 |
| 432-SLTIUS | 1" | 5 | 25 | 438-SLTIUS | 3 1/2" | 1 | 5 |
| 433-SLTIUS | 1 1/4" | 5 | 20 | 439-SLTIUS | 4" | 1 | 5 |
| 434-SLTIUS | 1 1/2" | 2 | 10 | | | | |

## Liquid Tight Connectors with Grounding Lug, Straight



Straight liquid tight connectors with grounding lug for use with metallic liquid tight conduit.

File No. E9391

File No. LR39354

### Steel with Aluminum Lug

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 429-SLTG | 3/8" | 25 | 125 | 433-SLTG | 1 1/4" | 5 | 25 |
| 430-SLTG | 1/2" | 25 | 125 | 434-SLTG | 1 1/2" | 5 | 25 |
| 431-SLTG | 3/4" | 25 | 125 | 435-SLTG | 2" | 2 | 10 |
| 432-SLTG | 1" | 10 | 50 | | | | |

### Steel with Aluminum Lug / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 429-SLTIG | 3/8" | 25 | 125 | 433-SLTIG | 1 1/4" | 5 | 25 |
| 430-SLTIG | 1/2" | 25 | 125 | 434-SLTIG | 1 1/2" | 5 | 25 |
| 431-SLTIG | 3/4" | 25 | 125 | 435-SLTIG | 2" | 2 | 10 |
| 432-SLTIG | 1" | 10 | 50 | | | | |

## Liquid Tight Connectors, 45°



45° connector for use with metallic liquid tight conduit.

UL File No. E9391

CSA File No. LR39354

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 449-SLT | 3/8" | 25 | 100 | 455-SLT | 2" | 1 | 5 |
| 450-SLT | 1/2" | 25 | 100 | 456-SLT | 2 1/2" | --- | 1 |
| 451-SLT | 3/4" | 10 | 50 | 457-SLT | 3" | --- | 1 |
| 452-SLT | 1" | 5 | 25 | 458-SLT | 3 1/2" | --- | 1 |
| 453-SLT | 1 1/4" | 5 | 25 | 459-SLT | 4" | --- | 1 |
| 454-SLT | 1 1/2" | 2 | 10 | | | | |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 449-SLTI | 3/8" | 25 | 100 | 455-SLTI | 2" | 1 | 5 |
| 450-SLTI | 1/2" | 25 | 100 | 456-SLTI | 2 1/2" | --- | 1 |
| 451-SLTI | 3/4" | 10 | 50 | 457-SLTI | 3" | --- | 1 |
| 452-SLTI | 1" | 5 | 25 | 458-SLTI | 3 1/2" | --- | 1 |
| 453-SLTI | 1 1/4" | 5 | 25 | 459-SLTI | 4" | --- | 1 |
| 454-SLTI | 1 1/2" | 2 | 10 | | | | |

## Made in the USA Liquid Tight Connectors, 45°



NEW

45° malleable iron connectors for use with metallic liquid tight conduit. Zinc Electroplated.

UL File No. E9391

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 449-SLTUS | 3/8" | 25 | 100 | 455-SLTUS | 2" | 1 | 5 |
| 450-SLTUS | 1/2" | 25 | 100 | 456-SLTUS | 2 1/2" | --- | 1 |
| 451-SLTUS | 3/4" | 10 | 50 | 457-SLTUS | 3" | --- | 1 |
| 452-SLTUS | 1" | 5 | 25 | 458-SLTUS | 3 1/2" | --- | 1 |
| 453-SLTUS | 1 1/4" | 5 | 25 | 459-SLTUS | 4" | --- | 1 |
| 454-SLTUS | 1 1/2" | 2 | 10 | | | | |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 449-SLTIUS | 3/8" | 25 | 100 | 455-SLTIUS | 2" | 1 | 5 |
| 450-SLTIUS | 1/2" | 25 | 100 | 456-SLTIUS | 2 1/2" | --- | 1 |
| 451-SLTIUS | 3/4" | 10 | 50 | 457-SLTIUS | 3" | --- | 1 |
| 452-SLTIUS | 1" | 5 | 25 | 458-SLTIUS | 3 1/2" | --- | 1 |
| 453-SLTIUS | 1 1/4" | 5 | 25 | 459-SLTIUS | 4" | --- | 1 |
| 454-SLTIUS | 1 1/2" | 2 | 10 | | | | |

## Liquid Tight Connectors, 90°



90° connector for use with metallic and nonmetallic “Type B” liquid tight conduit.

UL File No. E9391

CSA File No. LR39354

### Die Cast Zinc

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 469-LT2 | 3/8" | 25 | 100 |
| 470-LT2 | 1/2" | 25 | 100 |
| 471-LT2 | 3/4" | 10 | 50 |
| 472-LT2 | 1" | 5 | 25 |
| 473-LT2 | 1 1/4" | 5 | 25 |

### Die Cast Zinc / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 469-LTI2 | 3/8" | 25 | 100 |
| 470-LTI2 | 1/2" | 25 | 100 |
| 471-LTI2 | 3/4" | 10 | 50 |
| 472-LTI2 | 1" | 5 | 25 |
| 473-LTI2 | 1 1/4" | 5 | 2 |

### Cast Zinc

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 474-LT2 | 1 1/2" | 2 | 10 |
| 475-LT2 | 2" | --- | 5 |
| 476-LT2 | 2 1/2" | --- | 1 |
| 477-LT2 | 3" | --- | 1 |
| 478-LT2 | 3 1/2" | --- | 1 |
| 479-LT2 | 4" | --- | 1 |

### Cast Zinc / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 474-LTI2 | 1 1/2" | 2 | 10 |
| 475-LTI2 | 2" | --- | 5 |
| 476-LTI2 | 2 1/2" | --- | 1 |
| 477-LTI2 | 3" | --- | 1 |
| 478-LTI2 | 3 1/2" | --- | 1 |
| 479-LTI2 | 4" | --- | 1 |

## Liquid Tight Connectors, 90°



Steel



Malleable Iron

90° connector for use with metallic liquid tight conduit.

c(UL)us File No. E9391: Steel: 476-SLT thru 479-SLT; 476-SLTI thru 479-SLTI

CSA File No. LR39354: Steel

### Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 469-SLT | 3/8" | 25 | 100 |
| 470-SLT | 1/2" | 25 | 100 |
| 471-SLT | 3/4" | 10 | 50 |
| 472-SLT | 1" | 5 | 25 |
| 473-SLT | 1 1/4" | 5 | 25 |
| 474-SLT | 1 1/2" | 2 | 10 |
| 475-SLT | 2" | --- | 5 |

### Steel / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 469-SLTI | 3/8" | 25 | 100 |
| 470-SLTI | 1/2" | 25 | 100 |
| 471-SLTI | 3/4" | 10 | 50 |
| 472-SLTI | 1" | 5 | 25 |
| 473-SLTI | 1 1/4" | 5 | 25 |
| 474-SLTI | 1 1/2" | 2 | 10 |
| 475-SLTI | 2" | --- | 5 |

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 476-SLT | 2 1/2" | --- | 1 |
| 477-SLT | 3" | --- | 1 |
| 478-SLT | 3 1/2" | --- | 1 |
| 479-SLT | 4" | --- | 1 |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 476-SLTI | 2 1/2" | --- | 1 |
| 477-SLTI | 3" | --- | 1 |
| 478-SLTI | 3 1/2" | --- | 1 |
| 479-SLTI | 4" | --- | 1 |

## Made in the USA Liquid Tight Connectors, 90°



NEW

90° malleable iron connectors for use with metallic liquid tight conduit. Zinc Electroplated.

UL File No. E9391

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 469-SLTUS | 3/8" | 25 | 100 | 475-SLTUS | 2" | --- | 5 |
| 470-SLTUS | 1/2" | 25 | 100 | 476-SLTUS | 2 1/2" | --- | 1 |
| 471-SLTUS | 3/4" | 10 | 50 | 477-SLTUS | 3" | --- | 1 |
| 472-SLTUS | 1" | 5 | 25 | 478-SLTUS | 3 1/2" | --- | 1 |
| 473-SLTUS | 1 1/4" | 5 | 25 | 479-SLTUS | 4" | --- | 1 |
| 474-SLTUS | 1 1/2" | 2 | 10 | | | | |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 469-SLTIUS | 3/8" | 25 | 100 | 475-SLTIUS | 2" | --- | 5 |
| 470-SLTIUS | 1/2" | 25 | 100 | 476-SLTIUS | 2 1/2" | --- | 1 |
| 471-SLTIUS | 3/4" | 10 | 50 | 477-SLTIUS | 3" | --- | 1 |
| 472-SLTIUS | 1" | 5 | 25 | 478-SLTIUS | 3 1/2" | --- | 1 |
| 473-SLTIUS | 1 1/4" | 5 | 25 | 479-SLTIUS | 4" | --- | 1 |
| 474-SLTIUS | 1 1/2" | 2 | 10 | | | | |

## Liquid Tight Connectors with Grounding Lug, 90°



Steel with Aluminum Lug

90° liquid tight connectors with grounding lug for use with metallic liquid tight conduit.

File No. E9391

File No. LR39354

### Steel with Aluminum Lug

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 469-SLTG | 3/8" | 20 | 100 | 473-SLTG | 1 1/4" | 4 | 20 |
| 470-SLTG | 1/2" | 20 | 100 | 474-SLTG | 1 1/2" | 3 | 15 |
| 471-SLTG | 3/4" | 10 | 50 | 475-SLTG | 2" | 2 | 10 |
| 472-SLTG | 1" | 5 | 2 | | | | |

### Steel with Aluminum Lug / Insulated Throat - 105°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 469-SLTIG | 3/8" | 20 | 100 | 473-SLTIG | 1 1/4" | 4 | 20 |
| 470-SLTIG | 1/2" | 20 | 100 | 474-SLTIG | 1 1/2" | 3 | 15 |
| 471-SLTIG | 3/4" | 10 | 50 | 475-SLTIG | 2" | 2 | 10 |
| 472-SLTIG | 1" | 5 | 25 | | | | |

## Combination Couplings



Coupling used to join either metallic or nonmetallic “Type B” liquid tight to EMT. Concrete-tight. UL Listed “Raintight”.

File No. E24001

File No. LR39354

### Zinc Die Cast

| Catalog Number | EMT Trade Size | LT Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 4360-DC | 1/2" | 1/2" | 25 | 100 |
| 4361-DC | 3/4" | 3/4" | 10 | 50 |

## Raintight Combination Couplings



Used to join rigid or IMC to metallic liquid tight conduit. Concrete-tight.

File No. E9391

### Steel

| Catalog Number | LT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 4369-LT | 3/8" | 1/2" | 25 | 125 |
| 4370-LT | 1/2" | 1/2" | 20 | 100 |
| 4371-LT | 3/4" | 3/4" | 10 | 50 |
| 4372-LT | 1" | 1" | 5 | 25 |
| 4373-LT | 1 1/4" | 1 1/4" | 4 | 20 |
| 4374-LT | 1 1/2" | 1 1/2" | 3 | 15 |
| 4375-LT | 2" | 2" | 2 | 10 |

## Liquid Tight Sealing Rings



Provides liquid tight sealing with connector to box or enclosure.

c UL us File No. E11259

### Polyethylene with Steel Retainer

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| SR-050 | 1/2" | 100 | 400 | SR-200 | 2" | 50 | 200 |
| SR-075 | 3/4" | 100 | 400 | SR-250 | 2 1/2" | --- | 5 |
| SR-100 | 1" | 100 | 400 | SR-300 | 3" | --- | 5 |
| SR-125 | 1 1/4" | 50 | 200 | SR-350 | 3 1/2" | --- | 5 |
| SR-150 | 1 1/2" | 50 | 200 | SR-400 | 4" | --- | 5 |

## Mighty-Hold® Universal Clamp Straps

NEW



UCS-5075



UCS-75100

One piece clamp back and strap secures both cable and conduit. The UCS-5075 secures 1/2" and 3/4" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable.

The UCS-75100 secures 3/4" and 1" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Patent Pending.

c UL us File No. E161206

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| UCS-5075 | 1/2" - 3/4" | 25 | 100 |
| UCS-75100 | 3/4" - 1" | 25 | 100 |

## PVC "Snap-In" Type Connectors



For connecting portable cord to box or enclosure. Locknut not required.

File No. E11698

File No. LR74878

### PVC

| Catalog Number | K.O. Size | Cord Diameter Min. | Cord Diameter Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 620-NM | 1/2" | 19/64 | 19/32 Or (2) 19/64 | 50 | 500 |
| 621-NM | 3/4" | 1/2 | 27/32 | 25 | 250 |

## Two Screw, Strap Type Connectors



650-DC2



650-HD2

For connecting SJO cord to box or enclosure. Also listed for NM-B cable - see Nonmetallic Cable section. The 650-HD2 connector has a die cast strap for heavy duty use.

File No. E11698

### Zinc Die Cast

| Catalog Number | K.O. Size | Cord Range Min. | Cord Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 650-DC2 | 1/2" | 18/3 | 12/3 | 100 | 1000 |
| 650-HD2 | 1/2" | 16/2 | 14/3 | 100 | 1000 |

## Single Screw, Strap Type Connector



For connecting SJO cord to box or enclosure.
Also listed for NM-B cable - see Nonmetallic Cable section.
US Patent D473-7835.

File No. E11698

### Zinc Die Cast

| Catalog Number | K.O. Size | Cord Range Min. | Cord Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 651-DC2 | 3/8" | 18/3 | 12/3 | 100 | 1000 |

## Whipper-Snap® Single Screw, Strap Type Connector



For connecting SJO cord to box or enclosure. Also listed for NM-B cable - see Nonmetallic Cable section. Simply snap connector into electrical box. External spring steel locking tabs secures connector to electrical box. Patented Whipper-Snap design.

File No. E11698

### Zinc Die Cast

| Catalog Number | K.O. Size | Cord Range Min. | Cord Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 651SP | 3/8" | 18/3 | 12/3 | 100 | 1000 |

## Steel Cord Grip Connectors, Straight



Bridgeport's line of high quality, made in the USA, cord grip fittings is the electrician's smart choice. Each fitting is identified by a color coded grommet that clearly indicates the minimum-maximum cable diameter range for which the connector can be used. Bridgeport's cord grips meet the requirements of

### Steel

| Catalog Number | Size | Cord Range Min. | Cord Range Max. | For Types S, SO, ST & STO |
|---|---|---|---|---|
| CG770-250 | 1/2" | .150 | .250 | |
| CG770-350 | 1/2" | .250 | .350 | |
| CG770-450 | 1/2" | .350 | .450 | 18-2, 3, 4<br>16-2, 2, 4 |
| CG770-560 | 1/2" | .450 | .550 | 18-5, 6, 7 16-5, 6<br>14-2, 3 |
| CG770-650 | 1/2" | .550 | .650 | 18-8, 10 16-7, 8<br>14-4 12-2, 3 10-2 |
| CG771-250 | 3/4" | .150 | .250 | |
| CG771-350 | 3/4" | .250 | .350 | |
| CG771-450 | 3/4" | .350 | .450 | 18-2, 3, 4<br>16-2, 3, 4 |
| CG771-560 | 3/4" | .450 | .550 | 18-5, 6, 7<br>16-5, 6 14-2, 3 |
| CG771-650 | 3/4" | .550 | .650 | 18-8,10 16-7, 8<br>14-4 12-2, 3 10-2 |
| CG771-750 | 3/4" | .650 | .750 | 18-12, 14 16-10, 12<br>14-5, 6, 7 12-4, 5<br>10-3, 4 8-2 |
| CG771-850 | 3/4" | .750 | .850 | 18-16, 18, 20<br>16-14, 16, 18 14-8<br>12-6, 7, 8 10-5<br>8-3, 4 6-2 |
| CG772-560 | 1" | .450 | .550 | 18-5, 6, 7<br>16-5, 6 14-2, 3 |
| CG772-650 | 1" | .550 | .650 | 18-8, 10 16-7, 8<br>14-4 12-2, 3 10-2 |
| CG772-750 | 1" | .650 | .750 | 18-2,14 16-10, 12<br>14-5, 6, 7 12-4, 5<br>10-3, 4 8-2 |
| CG772-850 | 1" | .750 | .850 | 18-16, 18, 20<br>16-14, 16, 18 14-8<br>12-6, 7, 8 10-5<br>8-3, 4 6-2 |
| CG772-950 | 1" | .850 | .950 | 18-22, 24, 26<br>16-20, 22, 24<br>14-10, 12 10-6, 7, 8<br>6-3, 4 |
| CG772-1050 | 1" | .950 | 1.050 | 18-30 16-26 14-14, 16<br>12-10 4-3 |

rugged service on all types of equipment, in all non-hazardous areas. Our 105°C rated neoprene sealing grommets grip the cable jacket firmly but safely providing strain relief and protecting the internal wiring connections from tension on the cable or cord. The steel washer reduces friction between the grommet and the compression nut to provide even pressure distribution, eliminating leakage resulting from grommet distortion.

UL File No. E11259

| For Types SJ, STO, SJT SJTO, SVO, & BUS DROP | Color | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 18-2, 3 SVO | Red | 25 | 250 |
| 18-2, 3 SJT 18-2, 3, 4 SJO 16-2, 3, SJO | White | 25 | 250 |
| 16-4 SJO 14-2,3,4 SJO 12-2550 14-3 BUS DROP | Blue | 25 | 250 |
| 12-3 SJO 12-3 & 10-3 BUS DROP | Green | 25 | 250 |
| | Beige | 25 | 250 |
| 18-2 & 3 SVO | Red | 10 | 100 |
| 18-2,3 SJT 18-2,3,4 SJO 16-2,3 SJO | White | 10 | 100 |
| 16-4SJO 14-2, 3, 4 SJO 12-2 SJO 14-3 BUS DROP | Blue | 10 | 100 |
| 12-3 SJO 12-3 & 10-3 BUS DROP | Green | 10 | 100 |
| | Beige | 10 | 100 |
| 8-3 BUS DROP | Yellow | 10 | 100 |
| 6-3 BUS DROP | Purple | 5 | 50 |
| 12-3 SJO 12-3 & 10-3 BUS DROP | Green | 5 | 50 |
| | Beige | 5 | 50 |
| 8-3 BUS DROP | Yellow | 5 | 50 |
| 6-3 BUS DROP | Purple | 5 | 50 |
| 4-3 BUS DROP | Gray | 5 | 50 |
| | Black | 5 | 50 |

## Steel Cord Grip Connectors, Straight *Continued...*

### Steel

| Catalog Number | Size | Cord Range Min. | Cord Range Max. | For Types S, SO, ST & STO |
|---|---|---|---|---|
| CG773-850 | 1 1/4" | .750 | .850 | 18-16, 18, 20<br>16-14, 16, 18 14-8<br>12-6, 7, 8 10-5<br>8-3, 4 6-2 |
| CG773-950 | 1 1/4" | .850 | .950 | 18-22, 24, 26<br>16-20, 22, 24<br>14-10,12 10-6, 7,<br>6-3, 4 |
| CG773-1050 | 1 1/4" | .950 | 1.050 | 18-30 16-26<br>14-14, 16 12-10<br>4-3 |
| CG773-1150 | 1 1/4" | 1.050 | 1.150 | 18-36, 40 16-30, 36<br>14-18, 20 12-12, 14<br>10-10 4-4 |
| CG773-1250 | 1 1/4" | 1.150 | 1.250 | 16-40 14-22<br>12-16, 18 10-12, 14<br>2-3 |
| CG773-1375 | 1 1/4" | 1.250 | 1.375 | 14-24, 26, 30<br>12-20 10-16 2-4 |
| CG774-1050 | 1 1/2" | 0.950 | 1.050 | 18-30 16-26<br>14-14, 16<br>12-10 4-3 |
| CG774-1150 | 1 1/2" | 1.050 | 1.150 | 18-36, 40 16-30, 36<br>14-18, 20 12-12, 14<br>10-10 4-4 |
| CG774-1250 | 1 1/2" | 1.150 | 1.250 | 16-40 14-22<br>12-16, 18 10-12, 14<br>2-3 |
| CG774-1375 | 1 1/2" | 1.250 | 1.375 | 12-24, 26, 30<br>12-20 10-16 2-4 |

| For Types SJ, STO, SJT SJTO, SVO, & BUS DROP | Color | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 6-3 BUS DROP | Purple | 5 | 25 |
| 4-3 BUS DROP | Grey | 5 | 25 |
| – | Black | 5 | 25 |
| 2-3 BUS DROP | Orange | 5 | 25 |
| – | Red | 5 | 25 |
| – | White | 5 | 25 |
| – | Black | 2 | 20 |
| 2-3 BUS DROP | Orange | 2 | 20 |
| – | Red | 2 | 20 |
| – | White | 2 | 20 |

## Aluminum Cord Grip Connectors, Straight



Bridgeport's line of high quality, made in the USA, cord grip fittings is the electrician's smart choice. Each fitting is identified by a color coded grommet that clearly indicates the minimum-maximum cable diameter range for which the connector can be used. Bridgeport's cord grips meet the requirements of

### Aluminum

| Catalog Number | Size | Cord Range Min. | Max. | For Types S, SO, ST & STO |
|---|---|---|---|---|
| CGA770250 | 1/2" | .150 | .250 | |
| CGA770350 | 1/2" | .250 | .350 | |
| CGA770450 | 1/2" | .350 | .450 | 18-2, 3, 4<br>16-2, 2, 4 |
| CGA770560 | 1/2" | .450 | .550 | 18-5, 6, 7 16-5, 6<br>14-2, 3 |
| CGA770650 | 1/2" | .550 | .650 | 18-8, 10 16-7, 8<br>14-4 12-2, 3 10-2 |
| CGA771250 | 3/4" | .150 | .250 | |
| CGA771350 | 3/4" | .250 | .350 | |
| CGA771450 | 3/4" | .350 | .450 | 18-2, 3, 4<br>16-2, 3, 4 |
| CGA771560 | 3/4" | .450 | .550 | 18-5, 6, 7<br>16-5, 6 14-2, 3 |
| CGA771650 | 3/4" | .550 | .650 | 18-8, 10 16-7, 8<br>14-4 12-2, 3 10-2 |
| CGA771750 | 3/4" | .650 | .750 | 18-12,14 16-10, 12<br>14-5, 6, 7 12-4, 5<br>10-3, 4 8-2 |
| CGA771850 | 3/4" | .750 | .850 | 18-16, 18, 20<br>16-14, 16, 18 14-8<br>12-6, 7, 8 10-5<br>8-3, 4 6-2 |
| CGA772560 | 1" | .450 | .550 | 18-5, 6, 7<br>16-5, 6 14-2, 3 |
| CGA772650 | 1" | .550 | .650 | 18-8, 10 16-7, 8<br>14-4 12-2, 3 10-2 |
| CGA772750 | 1" | .650 | .750 | 18-2, 14 16-10, 12<br>14-5, 6, 7 12-4, 5<br>10-3, 4 8-2 |
| CGA772850 | 1" | .750 | .850 | 18-16, 18, 20<br>16-14, 16, 18 14-8<br>12-6, 7, 8 10-5<br>8-3, 4 6-2 |
| CGA772950 | 1" | .850 | .950 | 18-22, 24, 26<br>16-20, 22, 24<br>14-10, 12 10-6, 7, 8<br>6-3, 4 |
| CGA7721050 | 1" | .950 | 1.050 | 18-30 16-26 14-14, 16<br>12-10 4-3 |

rugged service on all types of equipment, in all non-hazardous areas. Our 105°C rated neoprene sealing grommets grip the cable jacket firmly but safely providing strain relief and protecting the internal wiring connections from tension on the cable or cord. The washer reduces friction between the grommet and the compression nut to provide even pressure distribution, eliminating leakage resulting from grommet distortion.

UL File No. E11259

| For Types SJ, STO, SJT SJTO, SVO, & BUS DROP | Color | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 18-2, 3 SVO | Red | 25 | 250 |
| 18-2, 3 SJT 18-2, 3, 4 SJO 16-2, 3, SJO | White | 25 | 250 |
| 16-4 SJO 14-2,3,4 SJO 16-2, 3 SJO | Blue | 25 | 250 |
| 12-3 SJO 12-3 & 10-3 BUS DROP | Green | 25 | 250 |
| | Beige | 25 | 250 |
| 18-2 & 3 SVO | Red | 10 | 100 |
| 18-2, 3 SJT 18-2,3,4 SJO 16-2,3 SJO | White | 10 | 100 |
| 16-4 SJO 14-2, 3, 4 SJO 12-2 SJO 14-3 BUS DROP | Blue | 10 | 100 |
| 12-3 SJO 12-3 & 10-3 BUS DROP | Green | 10 | 100 |
| | Beige | 10 | 100 |
| 8-3 BUS DROP | Yellow | 10 | 100 |
| 6-3 BUS DROP | Purple | 5 | 100 |
| 12-3 SJO 12-3 & 10-3 BUS DROP | Green | 5 | 50 |
| | Beige | 5 | 50 |
| 8-3 BUS DROP | Yellow | 5 | 50 |
| 6-3 BUS DROP | Purple | 5 | 50 |
| 4-3 BUS DROP | Gray | 5 | 50 |
| | Black | 5 | 50 |

## Cord Grip Connectors, Straight



Straight connector for use with any flexible cord. Provides liquid tight, watertight protection. Tapered (NPT) threads. Furnished with polyethylene knockout gasket and locknut.

File No. E11259

File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | Cord Range Min. | Cord Range Max. | Locking Ring Color | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 770-22 | 1/2" | .125" | .187" | Orange | 25 | 100 |
| 770-32 | 1/2" | .187" | .250" | Red | 25 | 100 |
| 770-42 | 1/2" | .250" | .375" | White | 25 | 100 |
| 770-52 | 1/2" | .375" | .500" | Blue | 25 | 100 |
| 770-62 | 1/2" | .500" | .625" | Beige | 25 | 100 |
| 770-72 | 1/2" | .625" | .750" | Yellow | 25 | 100 |
| 771-32 | 3/4" | .250" | .375" | White | 10 | 50 |
| 771-42 | 3/4" | .375" | .500" | Blue | 10 | 50 |
| 771-52 | 3/4" | .500" | .625" | Beige | 10 | 50 |
| 771-62 | 3/4" | .625" | .750" | Yellow | 10 | 50 |
| 772-32 | 1" | .500" | .625" | Beige | 5 | 25 |
| 772-42 | 1" | .625" | .750" | Yellow | 5 | 25 |
| 772-52 | 1" | .750" | .875" | Purple | 5 | 25 |
| 772-62 | 1" | .875" | 1.000" | Gray | 5 | 25 |

## Double-Snap Snap-In Connector

NEW



Simply snap cable into connector and then snap connector into box. No tools required! Refer to the technical guide section for MCI-A and other cables.

UL File No. E20534

### Zinc Die Cast / Insulated Throat – 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 38ADS | 1/2" | 3/8" | 14/2 (.40") | 10/3 (.63") | 50 | 500 |

## Double-Snap Snap-In Connector for Old Work

NEW



Pull cable into box, snap cable into connector and snap connector into box. No tools required! Refer to the technical guide section for MCI-A and other cables.

UL File No. E20534

### Zinc Die Cast / Insulated Throat – 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 38ACDS | 1/2" | 3/8" | 14/2 (.40") | 10/3 (.63") | 50 | 500 |

## Mighty-Merge® Combination Coupling



Coupling used to join 1/2" EMT to flexible metal conduit and AC/MC cables. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented.

c UL us File No. E9391

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 280SP | 1/2" | 3/8" | 25 | 100 |

Quick Install

## Whipper-Snap® Single Screw, Strap Type Connector



For connecting nonmetallic cable to box or enclosure. Also listed for use with SJO cord. Simply snap connector into electrical box. External spring steel locking tabs secures connector to electrical box. Patented Whipper-Snap design.

UL File No. E11698

### Zinc Die Cast

| Catalog Number | K.O. Size | SJO Cord Cable Range Min. | SJO Cord Cable Range Max. | Nonmetallic Cable Range Min. | Nonmetallic Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 651SP | 1/2" | 18/3 | 12/3 | (1) 14/2<br>Or<br>(2) 14/2 | (1) 10/3<br>(2) 12/2 | 100 | 1000 |

Quick Install

## Whipper-Snap® Duplex Connectors


3838SP


846SP


3838ASP

The 846SP is a strap type fitting with external spring steel locking tabs that allow the connector to simply snap into the electrical box.

The 3838ASP and 3838SP are double-snap type connectors. Simply snap cables into connector and snap assembly into electrical box. No tools required! Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Integral internal spring steel locking tabs fasten cable or conduit. External spring steel locking tabs secures connector to electrical box. Suitable for maintaining grounding continuity when installed in accordance with the NEC. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 3838SP | 1/2" | 3/8" | 14/2 (.38") | 10/2 (.59") | 20 | 200 |
| 846SP | 1/2" | 3/8" | 14/2 (.38") | 10/4 (.625") | 20 | 200 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 3838ASP | 1/2" | 3/8" | 14/2 (.38") | 10/2 (.59") | 20 | 200 |

Quick Install

## Screw-In Connectors, Snap-In



Low profile connector for connecting flexible metal conduit to box or enclosure. Spring steel locking tabs eliminate need for a locknut. Suitable for flexible whips. 539-SS is UL recognized for use with listed or certified sub assemblies.

c UL us File No. E9391

### Spring Steel

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 539-SS | 1/2" | 5/16" | --- | 2500 |
| 540-SS | 1/2" | 3/8" | --- | 2500 |

Quick Install

## Whipper-Snap® Single Screw Strap Type Connector for MCI-A Cable



For connecting MC cable or flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

UL File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | MC Cable Range Min. | MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 560MCIA | 1/2" | 3/8" | 14/2 (.38") | 10/3 (.55") | 50 | 500 |

Quick Install

## Whipper-Snap® Single Screw, Strap Type Connectors



Used to connect AC/MC cable or flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 560SP | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 560ASP | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

## Snap Type Connectors



590-DC2



590-DCI2



590-DC2
(Back View)

For connecting AC/MC cable or flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Push cable or conduit into the connector and install in 1/2" knockout. Internal spring steel locking ring tabs securely clamp the cable in place and ensure bonding. Ring tabs are shaped to accept cable without damage to wire insulation. Patented.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 590-DC2 | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 590-DCI2 | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

## Mighty-Seal® PVC Jacketed MC and TECK Cable Connectors



CONCRETE-TIGHT RAINTIGHT

For connecting jacketed MC cable (parking deck/lot cable) or TECK Cable to box or enclosure. Simply strip 7/8" to 1" of jacket from end of cable, loosen nut, and push cable into connector until cable reaches end stop. Tighten nut for raintight connection. Knockout gasket provides positive seal at 1/2" K.O. NPT tapered threads permits installation in threaded boxes. The 595-DC2C, 596-DC2C and 895-DC2C have a polyolefin coating and are listed for direct burial. Concrete-tight. Patented.

c UL us File No. E20534 (except 595-DC2C, 596-DC2C and 895-DC2C)

c ETL us Listed: 595-DC2C, 596-DC2C and 895-DC2C

### Zinc Die Cast

| Catalog Number | K.O. Size | MC Cable Range Min. | MC Cable Range Max. | TECK Cable Range Min. | TECK Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 595-DC2 | 1/2" | 12/2 (.50") | 10/3 (.61") | 14/2 (.61") | 12/2 (.72") | 15 | 60 |
| 596-DC2 | 1/2" | 10/4 (.61") | 8/3 (.69") | 14/3 (.685") | 10/3 (.80") | 15 | 60 |
| 895-DC2* | 1/2" | 12/2 (.50") | 10/3 (.61") | 14/2 (.61") | 12/2 (.72") | 10 | 40 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | MC Cable Range Min. | MC Cable Range Max. | TECK Cable Range Min. | TECK Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 595-DCI2 | 1/2" | 12/2 (.50") | 10/3 (.61") | 14/2 (.61") | 12/2 (.72") | 15 | 60 |
| 596-DCI2 | 1/2" | 10/4 (.61") | 8/3 (.69") | 14/3 (.685") | 10/3 (.80") | 15 | 60 |
| 895-DCI2* | 1/2" | 12/2 (.50") | 10/3 (.61") | 14/2 (.61") | 12/2 (.72") | 10 | 40 |

### Zinc Die Cast / Polyolefin Coating

| Catalog Number | K.O. Size | MC Cable Range Min. | MC Cable Range Max. | TECK Cable Range Min. | TECK Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 595-DC2C | 1/2" | 12/2 (.50") | 10/3 (.61") | 14/2 (.61") | 12/2 (.72") | 10 | 40 |
| 596-DC2C | 1/2" | 10/4 (.61") | 8/3 (.69") | 14/3 (.685") | 10/3 (.80") | 15 | 60 |
| 895-DC2C* | 1/2" | 12/2 (.50") | 10/3 (.61") | 14/2 (.61") | 12/2 (.72") | 10 | 40 |

* 90° version

## PVC "Snap-In" Type Connectors



616-NMD



617-NMD

For connecting nonmetallic cable to box or enclosure. Locknut not required.

UL File No. E11698

### PVC

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 616-NMD | 1/2" | 14/2 | 6/2 | 100 | 1000 |
| Quick Install | | Or Two | | | |
| | | 14/2 | 12/3 | | |
| | | In Any Combination | | | |
| 617-NMD | 3/4" | 8/2, 8/3, 6/2, 6/3 | | 50 | 500 |
| Quick Install | | | | | |

## PVC "Snap-In" Type Connectors



For connecting nonmetallic cable to box or enclosure. Locknut not required.

UL File No. E11698

CSA File No. LR74878

### PVC

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 620-NM | 1/2" | 14/2 | 10/3 | 50 | 500 |
| Quick Install | | Or Two | | | |
| | | 14/2 | 12/2 | | |

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 621-NM | 3/4" | 8/3 | 6/3 | 25 | 250 |
| Quick Install | | Or Two | | | |
| | | 12/3 | 8/3 | | |

## Two-Piece Clamp Type Connectors



For connecting single nonmetallic cable to box or enclosure. Locknut not required.

UL File No. E11698: 642 thru 644

### Steel

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 642 | 1/2" | .180" | .560" | 100 | 1000 |
| 643 | 3/4" | .250" | .830" | 50 | 500 |
| 644 | 1 1/4" | .250" | .980" | 50 | 250 |
| 645 | 1 1/2" | .312" | 1.125" | 20 | 100 |

## Whipper-Snap® Single Screw 90° Connectors



90° fitting with cover used for connecting AC/MC cable to box or enclosure. Single screw design saves time and money. Connectors with patented Whipper-Snap design snap into electrical box! Concrete-tight when taped. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

c UL us File No. E202876

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 802SP | 1/2" | 3/8" | 12/2 (.48") | 10/3 (.58") | 25 | 250 |
| 802MCIA | 1/2" | --- | 12/2 (.42") | 10/3 (.55") | 25 | 250 |

Quick Install

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 802ASP | 1/2" | 3/8" | 12/2 (.48") | 10/3 (.58") | 25 | 250 |

Quick Install

## Whipper-Snap® Snap-In Two Screw Strap Type Connector



For connecting AC/MC cable or flexible metal conduit to box or enclosure. CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

UL File No. 20534

CSA File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 840SP | 1/2" | 3/8" | 14/2 (.44") | 10/3 (.61") | 14/4 (.44") | 10/3 (.61") | 100 | 1000 |

Quick Install

## Whipper-Snap® Two Screw, Strap Type Connector



For connecting nonmetallic cable to box or enclosure. Simply snap connector into electrical box. External spring steel locking tabs secures connector to electrical box. Patented Whipper-Snap design.

UL File No. 20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | | Nonmetallic Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 841SP | 1/2" | (1) 14/2 | Or | (1) 10/3 | 100 | 1000 |
| | | (2) 14/2 | | (2) 12/2 | | |

Quick Install

## Whipper-Snap® Snap-In Set Screw Connectors


845SP


845ASP

Used to connect AC/MC cable to box or enclosure. The 845ASP is CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. To install, tighten screw between convolutions in cable. Patented Whipper-Snap design.

File No. E20534 File No. LR39354: 845ASP

### Zinc Die Cast

| Catalog Number | K.O. Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 845SP | 1/2" | 14/2 (.43") | 10/3 (.61") | 100 | 1000 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | ACG90 Cable Range Min. | Max. | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 845ASP | 1/2" | 14/2 (.43") | 10/3 (.61") | 14/2 (.43") | 10/3 (.61") | 100 | 1000 |

Quick Install

## Whipper-Snap® 90° Connector Double-Screw Design



Used for connecting AC/MC cable or flexible metal conduit to box or enclosure. Simply snap connector into electrical box. External spring steel locking tabs secures connector to electrical box. Patented Whipper-Snap design.

File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 850SP | 1/2" | 3/8" | 12/2 (.55") | 10/3 (.61") | 25 | 250 |

Quick Install

## Whipper-Snap®
## Single Screw 90° Connectors



90° fitting with cover used for connecting flexible metal conduit to box or enclosure. Single screw design saves time and money. Patented Whipper-Snap design.

UL File No. E9391

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 851SP | 1/2" | 1/2" | 25 | 100 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 851ASP | 1/2" | 1/2" | 25 | 100 |

Quick Install

## Quick Install EMT Connectors



Quickly joins EMT to box or enclosure without the use of a locknut. Simply:

- Insert fitting into the knockout.
- Insert EMT into the fitting.
- Tighten the set screw to simultaneously secure the EMT and the fitting into the knockout.

c UL us File No. E24001

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1701-DC | 1/2" | 50 | 500 |
| 1702-DC | 3/4" | 25 | 250 |

Quick Install

## Whipper-Snap® Two Screw Strap Type Connector



For connecting AC/MC cable to box or enclosure. Connector simply snaps into the box. CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

c UL us File No. E20534

CSA File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 8400SP | 1/2" | 14/2 (.38") | 10/3 (.61") | 14/2 (.38") | 10/3 (.61") | 100 | 1000 |

Quick Install

## Whipper-Snap® Two Screw Strap Type Connector for MCI-A Cable



For connecting AC/MC cable to box or enclosure. CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Connector simply snaps into the box. Patented Whipper-Snap design.

c UL us File No. E20534

CSA File No. LR39354

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 8400ASP | 1/2" | 14/2 (.38") | 10/3 (.525") | 14/2 (.38") | 10/3 (.525") | 100 | 1000 |

Quick Install

## Whipper-Snap® 90° Duplex Connector



90º fitting with steel cover used to connect AC/MC cable or flexible metal conduit to box or enclosure. Simply snap connector into electrical box! External spring steel locking tabs secures connector. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 84690SP | 1/2" | 3/8" | 14/4 (.44") | 10/3 (.61") | 25 | 100 |

Quick Install

## E-Z Lock® Connectors - Steel



AMC-50 AMC-5075 AMC-52

Used to connect AC/MC cable and flexible metal conduit to box or enclosure. Use slotted, Phillips or Robertson head screwdriver. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Use with anti-short bushing.

c UL us File No. E20534

### Steel / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Throat Opening | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| AMC-50 | 1/2" | 3/8" | 14/2 (.40") | 10/3 (.62") | .375" | 50 | 500 |
| AMC-5075 | 1/2" | 1/2" | 10/4 (.62") | 6/4 (.92") | .565" | 25 | 250 |
| AMC-52 | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.62") | .560" | 25 | 250 |
| AMC-75 | 3/4" | 3/4" | 10/3 (.56") | 6/3 (.81") | .560" | 25 | 100 |

Quick Install

## Whipper-Snap®
## Screw-in Connectors



For connecting flexible metal conduit to box or enclosure. Screw connector into conduit and snap into electrical box. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| GF38SP | 1/2" | 3/8" | 100 | 1000 |
| GF50SP | 1/2" | 1/2" | 100 | 1000 |

Quick Install

## Whipper-Snap® Snap-In "U"
## Shaped Strap Duplex Connectors



For connecting AC/MC cable or flexible metal conduit to box or enclosure. Connectors simply snap into the electrical box. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Suitable for maintaining grounding continuity when installed in accordance with the NEC. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| SG3838ASP | 1/2" | 3/8" | 14/4 (.42") | 10/3 (.61") | 20 | 200 |

Quick Install

## Whipper-Snap® Snap-In "U" Shaped Strap Connectors



SG38SP SG38ASP

For connecting AC/MC cable or flexible metal conduit to box or enclosure. Connector simply snaps into the box. The SG38ASP is CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

c UL us File No. E20534 CSA File No. LR39354: SG38ASP

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| SG38SP | 1/2" | 3/8" | 14/4 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | Max. | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| SG38ASP | 1/2" | 3/8" | 14/2 (.42") | 10/3 (.61") | 14/4 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

## Whipper-Snap® Snap-In "U" Shaped Strap Connector for MCI-A Cable



For connecting AC/MC cable or steel or aluminum reduced wall flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Connector simply snaps into the box. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| SG38MCIA | 1/2" | 3/8" | 14/4 (.38") | 10/3 (.56") | 50 | 500 |

Quick Install

## Screw-In Connectors, 90°



Used to connect flexible metal conduit to box or enclosure. Sliding cover facilitates wire pulling and inspection.

c UL us File No. E9391

91-DC2 also UL Listed for use with XRWFMC.

### Zinc Die Cast

| Catalog Number | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 91-DC2 | 1/2" | 25 | 250 |
| 92-DC2 | 3/4" | 15 | 150 |
| 93-DC2 | 1" | 10 | 100 |

## Single Screw, Strap Type Connector With Tri-Drive Screw



Used to connect flexible metal conduit to box or enclosure.

UL File No. E20534

CSA File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 560-DC2 | 1/2" | 3/8" | 50 | 500 |

## Combination Couplings



Coupling used to join EMT to flexible metal conduit. Screw-in end for flex. Compression end for EMT.

UL File No. E9391

581-DC also UL Listed for use with XRWFMC.

### Zinc Die Cast

| Catalog Number | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 581-DC | 1/2" | 50 | 500 |
| 582-DC | 3/4" | 25 | 250 |
| 583-DC | 1" | 10 | 100 |

## Double-Snap Snap-In Connector

NEW



Simply snap cable into connector and then snap connector into box. No tools required! Also see AC/MC section for additional listings.

File No. E20534

### Zinc Die Cast / Insulated Throat – 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 38ADS | 1/2" | 3/8" | 50 | 500 |

## Double-Snap Snap-In Connector for Old Work

NEW



Pull cable into box, snap cable into connector and snap connector into box. No tools required!

File No. E20534

### Zinc Die Cast / Insulated Throat – 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 38ACDS | 1/2" | 3/8" | 50 | 500 |

## Combination Couplings



280-DC,
280-DCX



281-DC, 282-DC,
282-DCX, 283-DC



280 & 281



280SP

Set screw type couplings used to join EMT to flexible metal conduit. The patented 280-DCX and 280-DC have steel straps. The 280 and 281 have a compression end for EMT and a two screw steel strap for flexible metal conduit. The 280SP is patented Mighty-Merge® design and has set screw end for EMT and snap-in end for flexible metal conduit. Also see AC/MC and nonmetallic cable sections for additional listings.

c UL us File No. E9391: 280-DC, 280SP, 281-DC, 282-DC, 283-DC

### Malleable Iron

| Catalog Number | EMT Trade Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 280 | 1/2" | 3/8" | 25 | 100 |
| 281 | 1/2" | 1/2" | 20 | 100 |

### Zinc Die Cast

NEW

| Catalog Number | EMT Trade Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 280-DC | 1/2" | 3/8" | 25 | 100 |
| 280-DCX | 1/2" | 3/8" | 25 | 100 |
| 280SP | 1/2" | 3/8" | 25 | 100 |
| 281-DC | 1/2" | 1/2" | 25 | 250 |
| 282-DC | 3/4" | 3/4" | 25 | 100 |
| 282-DCX | 3/4" | 1/2" | 25 | 100 |
| 283-DC | 1" | 1" | 10 | 100 |

## Squeeze Connectors



403-I



403 thru 412



414 thru 418



419 and 420

To connect flexible metal conduit to box or enclosure.

c UL us File No. E9391: All except 403-I

c UL us File No. E20534: 403-I

SP File No. LR39354: 407 thru 420; 407-I thru 420-I

### Malleable Iron

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 403 | 1/2" | 3/8" | 50 | 500 |
| 407 | 1/2" | 1/2" | 50 | 200 |
| 408 | 3/4" | 3/4" | 25 | 100 |
| 410 | 1" | 1" | --- | 25 |
| 412 | 1 1/4" | 1 1/4" | --- | 25 |
| 414 | 1 1/2" | 1 1/2" | --- | 10 |
| 416 | 2" | 2" | --- | 10 |
| 417 | 2 1/2" | 2 1/2" | --- | 5 |
| 418 | 3" | 3" | --- | 5 |
| 419 | 3 1/2" | 3 1/2" | --- | 5 |
| 420 | 4" | 4" | --- | 5 |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 403-I | 1/2" | 3/8" | 50 | 500 |
| 407-I | 1/2" | 1/2" | 50 | 200 |
| 408-I | 3/4" | 3/4" | 25 | 100 |
| 410-I | 1" | 1" | 5 | 25 |
| 412-I | 1 1/4" | 1 1/4" | 5 | 25 |
| 414-I | 1 1/2" | 1 1/2" | 2 | 10 |
| 416-I | 2" | 2" | 2 | 10 |
| 417-I | 2 1/2" | 2 1/2" | 1 | 5 |
| 418-I | 3" | 3" | 1 | 5 |
| 419-I | 3 1/2" | 3 1/2" | 1 | 5 |
| 420-I | 4" | 4" | 1 | 5 |

## Squeeze Connectors



403-DC2



1/2" thru 2"



2 1/2" thru 4"

To connect flexible metal conduit to box or enclosure.

File No. E9391: 407-DC2, 407-DCI2, 408-DC2, 408-DCI2 and 417-DC2 thru 420-DC2

File No. LR39354: 408-DC2

File No. E9391: 403-DC2, 410-DC2, 410-DCI2, 412-DC2, 412-DCI2, 414-DC2, 414-DCI2, 416-DC2 and 416-DCI2

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 403-DC2 | 1/2" | 3/8" | 50 | 500 |
| 407-DC2 | 1/2" | 1/2" | 50 | 200 |
| 408-DC2 | 3/4" | 3/4" | 25 | 100 |
| 410-DC2 | 1" | 1" | 10 | 100 |
| 412-DC2 | 1 1/4" | 1 1/4" | 10 | 100 |
| 414-DC2 | 1 1/2" | 1 1/2" | 5 | 50 |
| 416-DC2 | 2" | 2" | --- | 10 |
| 417-DC2 | 2 1/2" | 2 1/2" | --- | 5 |
| 418-DC2 | 3" | 3" | --- | 5 |
| 419-DC2 | 3 1/2" | 3 1/2" | --- | 5 |
| 420-DC2 | 4" | 4" | --- | 5 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 407-DCI2 | 1/2" | 1/2" | 50 | 200 |
| 408-DCI2 | 3/4" | 3/4" | 25 | 100 |
| 410-DCI2 | 1" | 1" | 10 | 100 |
| 412-DCI2 | 1 1/4" | 1 1/4" | 10 | 100 |
| 414-DCI2 | 1 1/2" | 1 1/2" | 5 | 50 |
| 416-DCI2 | 2" | 2" | --- | 10 |

## Squeeze Connectors with Grounding Lug



To connect and bond flexible metal conduit to box or enclosure. Also see AC/MC section for additional listings.

c UL us File No. E9391

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Ground Lug Range Min. | Ground Lug Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 407-DC2G | 1/2" | 1/2" | 14 AWG | 6 AWG | 50 | 200 |

## Set Screw Connectors



507-DC2



USL-120

The 507 and 508 series are straight set screw type fittings used to connect flexible metal (steel) conduit to box or enclosure. The USL-120 is for use with extra flexible steel conduit and is UL recognized for use with listed or certified subassemblies.

UL File No. E9391 (507 and 508 series)

CSA File No. LR39354 (507 and 508 series)

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 507-DC2 | 1/2" | 1/2" | 50 | 500 |
| 508-DC2 | 3/4" | 3/4" | 25 | 250 |
| USL-120 | 1/2" | .645"-.675" | 100 | 1000 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 507-DCI2 | 1/2" | 1/2" | 50 | 500 |
| 508-DCI2 | 3/4" | 3/4" | 25 | 250 |

## Whipper-Snap® Snap-In Two Screw-Type Connector



Used to connect flexible metal conduit to box or enclosure. Also see AC/MC section for additional listings. Patented Whipper-Snap design.

File No. E20534

File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 840SP | 1/2" | 3/8" | 100 | 1000 |

Quick Install

## Screw-In Connectors, Snap-In



Low profile connector for connecting flexible metal conduit to box or enclosure. Spring steel locking tabs eliminate need for a locknut. Suitable for flexible whips. 539-SS is UL recognized for use with listed or certified subassemblies.

File No. E9391

### Spring Steel

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 539-SS | 1/2" | 5/16" | --- | 2500 |
| 540-SS | 1/2" | 3/8" | --- | 2500 |

Quick Install

## Screw-In Connectors



For connecting flexible metal conduit to box or enclosure.

File No. E9391
520-DC2 and 520-DCI2 are also UL Listed for use with XRWFMC.

File No. LR39354: 519 thru 521 -DC2 & -DCI2

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 519-DC2 | 1/2" | 3/8" | 100 | 1000 |
| 520-DC2 | 1/2" | 1/2" | 100 | 1000 |
| 521-DC2 | 3/4" | 3/4" | 50 | 500 |
| 522-DC2 | 1" | 1" | 25 | 250 |
| 523-DC2 | 1 1/4" | 1 1/4" | 10 | 100 |
| 524-DC2 | 1 1/2" | 1 1/2" | 5 | 50 |
| 525-DC2 | 2" | 2" | 3 | 30 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 519-DCI2 | 1/2" | 3/8" | 100 | 1000 |
| 520-DCI2 | 1/2" | 1/2" | 100 | 1000 |
| 521-DCI2 | 3/4" | 3/4" | 50 | 500 |
| 522-DCI2 | 1" | 1" | 25 | 250 |
| 523-DCI2 | 1 1/4" | 1 1/4" | 10 | 100 |
| 524-DCI2 | 1 1/2" | 1 1/2" | 5 | 50 |
| 525-DCI2 | 2" | 2" | 3 | 30 |

## Whipper-Snap®
## Screw-in Connectors



For connecting flexible metal conduit to box or enclosure. Screw connector into conduit and snap into electrical box. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| GF38SP | 1/2" | 3/8" | 100 | 1000 |
| GF50SP | 1/2" | 1/2" | 100 | 1000 |

Quick Install

## Screw-In Couplings



Used to join two lengths of flexible metal conduit.

UL File No. E9391

530-DC also UL Listed for use with XRWFMC.

### Zinc Die Cast

| Catalog Number | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 530-DC | 1/2" | 50 | 500 |
| 531-DC | 3/4" | 50 | 500 |
| 532-DC | 1" | 10 | 100 |
| 533-DC | 1 1/4" | 10 | 100 |
| 534-DC | 1 1/2" | 5 | 50 |
| 535-DC | 2" | 3 | 30 |

## Multi-Purpose Connector Two Screw, Strap Type



Used to connect flexible metal conduit to 1/4" knockout. Will fit 1/4" knockouts with flats, such as used in lighting applications. Also see AC/MC and nonmetallic cable sections for additional listings.

Recognized UL File No. E9391

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 563-DC2 | 1/4" | 3/8" | 50 | 500 |

## Mighty-Merge® Combination Couplings



4057-DC



4058-DC

Couplings used to join EMT to flexible metal conduit. Also see AC/MC section for additional listings. Patented.

Listed

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 4057-DC | 3/4" | 3/8" | 25 | 100 |
| 4058-DC | 3/4" | 1/2" | 25 | 100 |

## Mighty-Merge®
## Combination Coupling



Coupling used to join duplex flexible metal conduit to EMT. Set screw type transitional fitting ideal for commercial and institutional facilities. A labor savings, compared to the traditional junction box installation. Simply remove the armor and expose the length of conductors to reach the device box or enclosure. Insert FMC or AC/MC until visible in inspection holes. Also see AC/MC section for additional listings. Patented.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 4157-DC | 3/4" | 3/8" | 25 | 100 |

## E-Z Lock®
## Connectors - Steel



AMC-50



AMC-5075



AMC-52

Used to connect flexible metal conduit to box or enclosure. Use slotted or Phillips head screwdriver. Also see AC/MC section for additional listings. Use with anti-short bushing.

c UL us File No. E20534

### Steel / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Throat Opening | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| AMC-50 | 1/2" | 3/8" | .375" | 50 | 500 |
| AMC-5075 | 1/2" | 1/2" | .565" | 25 | 250 |
| AMC-52 | 1/2" | 3/8" | .560" | 25 | 250 |
| AMC-75 | 3/4" | 3/4" | .560" | 25 | 100 |

Quick Install

## Single Screw Strap Connectors



Used to connect flexible metal conduit to box or enclosure. Also see AC/MC section for additional listings.

c(UL)us File No. E9391, E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| BL-17 | 1/2" | 1/2" | 50 | 200 |
| BL-18 | 3/4" | 3/4" | 25 | 100 |
| BL-19 | 1" | 1" | 10 | 100 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| BL-17I | 1/2" | 1/2" | 50 | 200 |
| BL-18I | 3/4" | 3/4" | 25 | 100 |
| BL-19I | 1" | 1" | 10 | 100 |

## 90° Flanged Extra Flexible Steel Conduit Connector



Use with square locked extra flexible steel conduit. Ideal for office partitions, showcases, merchandising displays, range tops and other appliances.

(UL) File No. E9391

### Zinc Die Cast

| Catalog Number | Flex Range Min. | Flex Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 543-DC | .645" | .675 | --- | 250 |

## Whipper-Snap®
## Single Screw,
## Strap Type Connectors



Used to connect flexible metal conduit to box or enclosure.
Also see AC/MC section for additional listings.
Patented Whipper-Snap design.

UL File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 560SP | 1/2" | 3/8" | 50 | 500 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 560ASP | 1/2" | 3/8" | 50 | 500 |

Quick Install

## "U" Shaped Strap Connectors



571-DC2



571-S

Used to connect flexible metal conduit to box or enclosure.
Also see AC/MC section for additional listings.

UL File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 571-DC2 | 1/2" | 1/2" | 50 | 200 |
| 572-DC2 | 3/4" | 3/4" | 25 | 100 |
| 573-DC2 | 1" | 1" | 10 | 100 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg.. |
|---|---|---|---|---|
| 571-DCI2 | 1/2" | 1/2" | 50 | 200 |
| 572-DCI2 | 3/4" | 3/4" | 50 | 100 |
| 573-DCI2 | 1" | 1" | 25 | 100 |

### Steel

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 570-S | 1/2" | 3/8" | 50 | 500 |
| 571-S | 1/2" | 1/2" | 50 | 200 |
| 572-S | 3/4" | 3/4" | 25 | 100 |
| 573-S | 1" | 1" | 10 | 100 |

NEW

### Steel / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 571-SI | 1/2" | 1/2" | 50 | 200 |
| 572-SI | 3/4" | 3/4" | 25 | 100 |
| 573-SI | 1" | 1" | 10 | 100 |

## Whipper-Snap®
## Snap-In "U" Shaped
## Strap Connectors



SG38SP



SG38ASP

The SG38SP and SG38ASP are for connecting flexible metal conduit to box or enclosure. Connectors simply snap into the box. Also see AC/MC section for additional listings.
Patented Whipper-Snap design.

c UL us File No. E20534

SP File No. LR39354: SG38ASP

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| SG38SP | 1/2" | 3/8" | 50 | 500 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| SG38ASP | 1/2" | 3/8" | 50 | 500 |

Quick Install

## Snap Type Connectors



590-DC2



590-DCI2



590-DC2
(Back View)

For connecting flexible metal conduit to box or enclosure. Push conduit into the connector and install in 1/2" knockout. Internal spring steel locking ring tabs securely clamp the cable in place and ensure bonding. Ring tabs are shaped to accept cable without damage to wire insulation. Also see AC/MC section for additional listings. Patented.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 590-DC2 | 1/2" | 3/8" | 50 | 500 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 590-DCI2 | 1/2" | 3/8" | 50 | 500 |

Quick Install

## Duplex Connectors



601-DC2, 621-DC2



630 & 630-DC2



691-DC2

Strap type fitting used to connect flexible metal conduit to box or enclosure. Also see AC/MC section for additional listings.

File No. E20534 File No. LR39354: 601-DC2

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 601-DC2 | 1/2" | 3/8" | 20 | 200 |
| 621-DC2 | 3/4" | 3/8" | 25 | 100 |
| 630-DC2 | 1/2" | 3/8" | 20 | 200 |
| 691-DC2 | 1/2" | 3/8" | 20 | 200 |

NEW

### Malleable Iron

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 630 | 1/2" | 3/8" | 20 | 200 |

## Duplex Connectors



600-DC2



602-DC2

Set screw type fitting used to connect flexible metal (steel) conduit to box or enclosure.

File No. LR39354: 602-DC2

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 600-DC2 | 1/2" | 3/8" | --- | --- | 25 | 100 |
| 602-DC2 | 1/2" | 3/8" | 14/2 (.42") | 10/3 (.61") | 25 | 100 |

## Whipper-Snap® Duplex Connectors



3838SP



846SP



3838ASP

For connecting flexible metal conduit to box or enclosure. The 846SP is a strap type fitting with external spring steel locking tabs that allow the connector to simply snap into the electrical box. The 3838ASP and 3838SP are double-snap type connectors. Integral internal spring steel locking tabs fasten cable or conduit. External spring steel locking tabs secures connector to electrical box. Suitable for maintaining grounding continuity when installed in accordance with the NEC. Also see AC/MC section for additional listings. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 3838SP | 1/2" | 3/8" | 20 | 200 |
| 846SP | 1/2" | 3/8" | 20 | 200 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 3838ASP | 1/2" | 3/8" | 20 | 200 |

Quick Install

## Whipper-Snap® Snap-In "U" Shaped Strap Duplex Connectors



For connecting flexible metal conduit to box or enclosure. Connectors simply snap into the electrical box. Suitable for maintaining grounding continuity when installed in accordance with the NEC. Also see AC/MC section for additional listings. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| SG3838ASP | 1/2" | 3/8" | 20 | 200 |

Quick Install

## Two Screw Strap Type Connectors



Two screw strap type connector used to connect flexible metal conduit to box or enclosure.

UL File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 653-DC2 | 1/2" | 1/2" | 25 | 100 |
| 655-DC2 | 3/4" | 3/4" | 20 | 100 |
| 657-DC2 | 1" | 1" | 5 | 25 |

## 45° Connectors


Zinc Die Cast


Malleable Iron

45° fitting for connecting flexible metal conduit to box or enclosure.

UL File No. E9391

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 800-DC2 | 1/2" | 3/8" | 25 | 100 |
| 803-DC2 | 1/2" | 1/2" | 25 | 100 |

### Malleable Iron

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 800 | 1/2" | 3/8" | 25 | 100 |
| 803 | 1/2" | 1/2" | 10 | 100 |

## 90° Connectors



90° fitting with cover used for connecting flexible metal conduit to box or enclosure.

UL File No. E9391 CSA File No. LR39354

### Malleable Iron

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 801 | 1/2" | 3/8" | 50 | 200 |
| 804 | 1/2" | 1/2" | 25 | 100 |
| 806 | 3/4" | 3/4" | 10 | 50 |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 801-I | 1/2" | 3/8" | 50 | 200 |
| 804-I | 1/2" | 1/2" | 25 | 100 |
| 806-I | 3/4" | 3/4" | 10 | 50 |

## 90° Connectors



90° fitting with cover used for connecting flexible metal conduit to box or enclosure.

c UL us File No. E9391

CSA File No. LR39354: 807 thru 811; 807-I thru 811-I

### Malleable Iron

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 807 | 1" | 1" | 5 | 25 |
| 808 | 1 1/4" | 1 1/4" | --- | 10 |
| 809 | 1 1/2" | 1 1/2" | --- | 5 |
| 810 | 2" | 2" | --- | 5 |
| 811 | 2 1/2" | 2 1/2" | --- | 5 |
| 812 | 3" | 3" | --- | 5 |
| 813 | 3 1/2" | 3 1/2" | --- | 1 |
| 814 | 4" | 4" | --- | 1 |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 807-I | 1" | 1" | 5 | 25 |
| 808-I | 1 1/4" | 1 1/4" | 2 | 10 |
| 809-I | 1 1/2" | 1 1/2" | 1 | 5 |
| 810-I | 2" | 2" | 1 | 5 |
| 811-I | 2 1/2" | 2 1/2" | 1 | 5 |
| 812-I | 3" | 3" | 1 | 5 |
| 813-I | 3 1/2" | 3 1/2" | --- | 1 |
| 814-I | 4" | 4" | --- | 1 |

## 90° Connectors



3/8" thru 2"



Over 2"

90° fitting with cover used for connecting flexible metal conduit to box or enclosure. Also see AC/MC section for additional listings.

File No. E9391: 801-, 809-, 810-DC2 & DCI2

File No. E20534: 804-, 806-, 807-, 808-DC2 & DCI2

File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Cable Range Min. | Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 801-DC2 | 1/2" | 3/8" | --- | --- | 25 | 250 |
| 804-DC2 | 1/2" | 1/2" | .750" | .875" | 25 | 100 |
| 806-DC2 | 3/4" | 3/4" | .875" | 1.000" | 10 | 50 |
| 807-DC2 | 1" | 1" | 1.187" | 1.312" | --- | 25 |
| 808-DC2 | 1 1/4" | 1 1/4" | 1.500" | 1.625" | --- | 25 |
| 809-DC2 | 1 1/2" | 1 1/2" | --- | --- | --- | 5 |
| 810-DC2 | 2" | 2" | --- | --- | --- | 5 |
| 811-DC2 | 2 1/2" | 2 1/2" | --- | --- | --- | 5 |
| 812-DC2 | 3" | 3" | --- | --- | --- | 5 |
| 813-DC2 | 3 1/2" | 3 1/2" | --- | --- | --- | 1 |
| 814-DC2 | 4" | 4" | --- | --- | --- | 1 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Cable Range Min. | Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 801-DCI2 | 1/2" | 3/8" | --- | --- | 25 | 250 |
| 804-DCI2 | 1/2" | 1/2" | .750" | .875" | 25 | 100 |
| 806-DCI2 | 3/4" | 3/4" | .875" | 1.000" | 10 | 50 |
| 807-DCI2 | 1" | 1" | 1.187" | 1.312" | --- | 25 |
| 808-DCI2 | 1 1/4" | 1 1/4" | 1.500" | 1.625" | --- | 25 |
| 809-DCI2 | 1 1/2" | 1 1/2" | --- | --- | --- | 5 |
| 810-DCI2 | 2" | 2" | --- | --- | --- | 5 |

## Single Screw 90° Connectors Locknut & Whipper-Snap® Designs


802-DC2


802SP

90° fitting with cover used for connecting flexible metal conduit to box or enclosure. Single screw design save time and money. Units with Whipper-Snap design snap into electrical box! Also see AC/MC section for additional listings. Patented Whipper-Snap design.

c UL us File No. E20534: 802ASP, 802-DC2, 802-DCI2, 802SP

UL File No. E9391: 851ASP, 851-DC2, 851-DC12, 851SP

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 802-DC2 | 1/2" | 3/8" | 25 | 250 |
| 851-DC2 | 1/2" | 1/2" | 25 | 100 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 802ASP | 1/2" | 3/8" | 25 | 250 |
| 802-DCI2 | 1/2" | 3/8" | 25 | 250 |
| 851ASP | 1/2" | 1/2" | 25 | 100 |
| 851-DCI2 | 1/2" | 1/2" | 25 | 100 |

Quick Install

### Whipper-Snap® Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 802SP | 1/2" | 3/8" | 25 | 250 |
| 851SP | 1/2" | 1/2" | 25 | 100 |

Quick Install

## Duplex Connectors, 90°



Malleable Zinc

90° fitting with steel cover used to connect flexible metal conduit to box or enclosure. Use with Cat. No. 1001 Anti-Short Bushing.

c UL us File No. E9391: 830

UL File No. E20534: 830-DC2

### Malleable Iron

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 830 | 1/2" | 3/8" | 25 | 100 |

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 830-DC2 | 1/2" | 3/8" | 25 | 100 |

## Whipper-Snap® 90° Duplex Connectors



90º fitting with steel cover used to connect flexible metal conduit to box or enclosure. Simply snap connector into electrical box! External spring steel locking tabs secures connector. Also see AC/MC section for additional listings. Patented.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 84690SP | 1/2" | 3/8" | 25 | 100 |

Quick Install

## Whipper-Snap® 90° Connector Double Screw Design



Simply snap connector into electrical box. External spring steel locking tabs secures connector to electrical box.
Patented Whipper-Snap design.

UL File No. E9391

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 850SP | 1/2" | 3/8" | 25 | 250 |

Quick Install

## One Hole Straps



Snap-on type strap used to support flexible metal conduit, armored cable, or metal clad cable.

c UL us File No. E161206

### Steel

| Catalog Number | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 900-F | 3/8" | 100 | 1000 |

## Mighty-Hold® Universal Clamp Straps

NEW



UCS-5075



UCS-75100

One piece clamp back and strap secures both cable and conduit. The UCS-5075 secures 1/2" and 3/4" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable.

The UCS-75100 secures 3/4" and 1" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Patent Pending.

c UL us File No. E161206

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| UCS-5075 | 1/2" - 3/4" | 25 | 100 |
| UCS-75100 | 3/4" - 1" | 25 | 100 |

## Mighty-Hold® Universal Straps



For steel or aluminum flexible metal conduit. Supports multiple sizes. Also see AC/MC section for additional listings. Patented.

c UL us File No. E161206

### Steel

| Catalog Number | Flex Trade Size | Hole Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| US-4461 | 3/8" | .210" | 100 | 1000 |

## Squeeze Connectors



Used to connect AC/MC cable or flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

c UL us File No. E20534: 403-1

UL File No. E9391: 407-DC2 and 407-DCI2

c UL us File No. E9391: 403-DC2

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Cable Range Min. | Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 403-DC2 | 1/2" | 3/8" | 12/2 (.58") | 10/3 (.61")* | 50 | 500 |
| 407-DC2 | 1/2" | 1/2" | 8/4 (.86") | 6/4 (.92")** | 50 | 200 |

*AC/MC **AC

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC Cable Range Min. | AC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 407-DCI2 | 1/2" | 1/2" | 8/4 (.86") | 6/4 (.92") | 50 | 200 |

### Malleable Iron / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 403-I | 1/2" | 3/8" | 14/4 (.51") | 6/3 (.835") | 50 | 500 |

## Squeeze Connectors with Grounding Lug



To connect and bond flexible metal conduit and AC/HCF cables to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

c UL us File No. E9391

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC Cable Range Min. | AC Cable Range Max. | Ground Lug Range Min. | Ground Lug Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 407-DC2G | 1/2" | 1/2" | .86" | 92" | 14 AWG | 6 AWG | 50 | 200 |

## Set Screw Connector



Used to connect AC/MC cable to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

UL File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 501-DC2 | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 100 | 1000 |

## Whipper-Snap® Snap-In Set Screw Connectors



845SP



845ASP

Used to connect AC/MC cable to box or enclosure. The 845ASP is CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. To install, tighten screw between convolutions in cable. Patented Whipper-Snap design.

UL File No. E20534

CSA File No. LR39354: 845ASP

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 845SP | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 100 | 1000 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 845ASP | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 14/2 (.43") | 10/3 (.61") | 100 | 1000 |

Quick Install

## Single Screw, Strap Type Connectors



545-DC2

Single screw, hinged strap type connector used to connect AC/MC cable to box or enclosure. CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented.

File No. E20534 File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 545-DC2 | 1/2" | 14/2 (.44") | 10/3 (.61") | 14/2 (.44") | 10/3 (.61") | 100 | 1000 |

## Single Screw, Strap Type Connectors With Tri-Drive Screw



560-DC2 560-DCI2

Used to connect AC/MC cable to box or enclosure. Also CSA Listed for ACG90. The 560-DC2 and 560-DCI2 are also listed for flexible metal conduit. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

File No. E20534 File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 560-DC2 | 1/2" | 3/8" | 14/2 (.44") | 10/3 (.61") | 12/2 (.44") | 10/4 (.61") | 50 | 500 |
| 561-DC2 | 3/4" | --- | 10/3 (.61") | 8/3 (.87") | 10/4 (.61") | 8/3 (.87") | 50 | 500 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 560-DCI2 | 1/2" | 3/8" | 14/2 (.44") | 10/3 (.61") | 12/2 (.44") | 10/4 (.61") | 50 | 500 |
| 561-DCI2 | 3/4" | --- | 10/3 (.61") | 8/3 (.87") | 10/4 (.61") | 8/3 (.87") | 50 | 500 |

## Double-Snap Snap-In Connector

NEW



Simply snap cable into connector and then snap connector into box. No tools required! Refer to the technical guide section for MCI-A and other cables.

UL File No. E20534

### Zinc Die Cast / Insulated Throat – 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 38ADS | 1/2" | 3/8" | 14/2 (.40") | 10/3 (.63") | 50 | 500 |

## Double-Snap Snap-In Connector for Old Work

NEW



Pull cable into box, snap cable into connector and snap connector into box. No tools required! Refer to the technical guide section for MCI-A and other cables

UL File No. E20534

### Zinc Die Cast / Insulated Throat – 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 38ACDS | 1/2" | 3/8" | 14/2 (.40") | 10/3 (.63") | 50 | 500 |

## "U" Shaped Strap Connectors




Used to connect AC/MC cable or flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

UL File No. E20534

### Steel

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 570-S | 1/2" | 3/8" | 14/2 (.44") | 10/2 (.66") | 50 | 500 |

## Whipper-Snap® Single Screw Strap Type Connectors


560SP


560ASP

Used to connect AC/MC cable or flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

UL File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 560SP | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 560ASP | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

## Whipper-Snap® Single Screw Strap Type Connector for MCI-A Cable



Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.
Patented Whipper-Snap design.

File No. E20534

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | MC Cable Range Min. | MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 560MCIA | 1/2" | 14/2 (.38") | 10/3 (.55") | 50 | 500 |

## Multi-Purpose Connector Two Screw, Strap Type



Used to connect nonmetallic sheath cable (NM-B), AC/MC cable or flexible metal conduit to 1/4" knockout. Will fit 1/4" knockouts with flats, such as used in lighting applications.

Recognized UL File No. E9391

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Nonmetallic Cable Range Min. | Nonmetallic Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 563-DC2 | 1/4" | 3/8" | 14/2 | 12/2 | 14/2 | 12/2 | 50 | 500 |

## Combination Couplings



280-DCX 280SP

Couplings used to join EMT to flexible metal conduit and AC/MC cable. The patented 280-DCX has a steel strap. The 280SP is patented Mighty-Merge® design and has set screw end for EMT and snap-in end for flexible metal conduit. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

c UL us File No. E9391

NEW

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | Nonmetallic Cable Range* Min. | Nonmetallic Cable Range* Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 280-DCX | 1/2" | 3/8" | 14/2 | 14/2 | 14/2 (.43") | 10/3 (.61") | 25 | 100 |
| 280SP | 1/2" | 3/8" | --- | --- | 14/2 (.43") | 10/3 (.61") | 25 | 100 |

Quick Install

*See nonmetallic cable section.

## Mighty-Merge® Combination Couplings



4057-DC 4058-DC

Couplings used to join EMT to flexible metal conduit and AC/MC cable. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented.

c ETL us Listed

NEW

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 4057-DC | 3/4" | 3/8" | 14/2 (.43") | 10/3 (.61") | 25 | 100 |
| 4058-DC | 3/4" | 1/2" | 10/4 (.43") | 6/4 (.61") | 25 | 100 |

## Mighty-Merge®
## Combination Couplings



Coupling used to join duplex AC/MC cable or flexible metal conduit to 3/4" EMT. Set screw type transitional fitting ideal for commercial and institutional facilities. A labor savings, compared to the traditional junction box installation. Simply remove the armor and expose the length of conductors to reach the device box or enclosure. Insert FMC or AC/MC until visible in inspection holes. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 4157-DC | 3/4" | 3/8" | 14/2 (.43") | 10/3 (.61") | 25 | 100 |

## Two Screw,
## Strap Type Connector



565-DC2



566-DC2

The 565-DC2 is for connecting MC cable to box or enclosure. The 566-DC2 is for connecting AC/MC cable. Both are CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

UL File No. E20534 SP File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | Cable Range Min. | Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 565-DC2 | 1/2" | 14/2 (.43") | 10/3 (.53") | 14/2 (.38") | 10/3 (.53") | 100 | 1000 |
| 566-DC2 | 1/2" | 14/2 (.43") | 10/3 (.53") | 12/2 (.44") | 10/3 (.53") | 100 | 1000 |

## Low Profile "U" Shaped Strap Connectors


570-DC2


570-DCI2


570-DCR2

Used to connect AC/MC cable to box or enclosure. The 570-DC2 and 570-DCI2 are CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

File No. E20534

File No. LR39354: 570-DC2 and 570-DCI2

### Zinc Die Cast

| Catalog Number | K.O. Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 570-DC2 | 1/2" | 14/2 (.42") | 10/3 (.61") | 14/2 (.42") | 10/3 (.61") | 50 | 500 |
| 570-DCR2 | 1/2" | --- | --- | 14/2 (.43") | 10/3 (.61") | 50 | 500 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 570-DCI2 | 1/2" | 14/2 (.42") | 10/3 (.61") | 14/2 (.42") | 10/3 (.61") | 50 | 500 |

## Whipper-Snap® Snap-In "U" Shaped Strap Connector for MCI-A Cable



For connecting AC/MC cable to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Connector simply snaps into the box. Patented Whipper-Snap design.

File No. E20534

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| SG38MCIA | 1/2" | 14/2 (.38") | 10/3 (.56") | 50 | 500 |

Quick Install

## Whipper-Snap®
## Snap-In "U" Shaped
## Strap Connectors



SG38SP



SG38ASP

The SG38SP and SG38ASP are for connecting AC/MC cable or flexible metal conduit to box or enclosure. Connector simply snaps into the box. The SG38ASP is CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

UL File No. E20534 CSA File No. 39354: SG38ASP

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| SG38SP | 1/2" | 3/8" | 14/4 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| SG38ASP | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 14/4 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

## HCF Cable
## Color-Coded Connectors



Suitable for use with AC/MC cable and Health Care Facility (HCF) cable. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented.

UL File No. E20534

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | Color | K.O. Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 570-GI | Green | 1/2" | 14/2 (.42") | 10/3 (.61") | 50 | 500 |

## Fire Alarm Cable Color-Coded Connectors



Suitable for use with AC/MC and Fire Alarm MC Cable. Patented.

UL File No. E20534

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | Color | K.O. Size | Fire Alarm Cable Range Min. | Fire Alarm Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 570-RI | Red | 1/2" | 18/2 (.38") Solid TFN or THHN<br>18/2 (.41") Solid Twisted Pair | 12/4 (.61")<br>14/2 (.61") | 14/2 (.42") | 10/3 (.61") | 50 | 500 |

## E-Z Lock® Connectors - Steel



AMC-50



AMC-5075



AMC-52

Used to connect AC/MC cable or flexible metal conduit to box or enclosure. Use slotted, Phillips or Robertson head screwdriver. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Use with anti-short bushing.

c UL us File No. E20534

### Steel / Insulated Throat - 105°C

| Catalog Number | Trade Size | K.O. Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Throat Opening | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| AMC-50 | 3/8" | 1/2" | 14/2 (.40") | 10/3 (.62") | .375" | 50 | 500 |
| AMC-5075 | 1/2" | 1/2" | 10/4 (.62") | 6/4 (.92") | .565" | 25 | 250 |
| AMC-52 | 3/8" | 1/2" | 14/2 (.43") | 10/3 (.62)" | .560" | 25 | 250 |
| AMC-75 | 3/4" | 3/4" | 10/3 (.566") | 6/3 (.81") | .560" | 25 | 100 |

Quick Install

## Single Screw Strap Connectors



The BL-17 is used to connect ACG90 cable and flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

UL File No. E9391, E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| BL-17 | 1/2" | 1/2" | 8/3 | 8/3 | 50 | 200 |
| BL-18 | 3/4" | 3/4" | 6/3 | 6/3 | 25 | 100 |
| BL-19 | 1" | 1" | 3/3 | 3/3 | 10 | 100 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| BL-17I | 1/2" | 1/2" | 8/3 | 8/3 | 50 | 200 |
| BL-18I | 3/4" | 3/4" | 6/3 | 6/3 | 25 | 100 |
| BL-19I | 1" | 1" | 3/3 | 3/3 | 10 | 100 |

## Single Screw Strap Connector for MCI-A Cable



For connecting AC/MC cable to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

c UL us File No. E20534

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 560-MCIA2 | 1/2" | 14/2 (.38") | 10/3 (.61") | 50 | 500 |

## "U" Shaped Strap Connectors



571-DC2



571-S

Used to connect AC/MC cable and flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section.

UL File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 571-DC2 | 1/2" | 1/2" | 8/3 (.70") | 6/3 (.85") | 50 | 200 |
| 572-DC2 | 3/4" | 3/4" | 4/3 (.94") | 3/4 (1.04") | 25 | 100 |
| 573-DC2 | 1" | 1" | 2/3 (1.18") | 3-2/0 (1.35") | 10 | 100 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 571-DCI2 | 1/2" | 1/2" | 8/3 (.70") | 6/3 (.85") | 50 | 200 |
| 572-DCI2 | 3/4" | 3/4" | 4/3 (.94") | 3/4 (1.04") | 25 | 100 |
| 573-DCI2 | 1" | 1" | 2/3 (1.18") | 3-2/0 (1.35") | 10 | 100 |

### Steel

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 571-S | 1/2" | 1/2" | 8/3 (.70") | 6/3 (.85") | 50 | 200 |
| 572-S | 3/4" | 3/4" | 4/3 (.94") | 4/3 (1.04") | 25 | 100 |
| 573-S | 1" | 1" | 2/3 (1.18") | 3-2/0 (1.35") | 10 | 100 |

### Steel / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 571-SI | 1/2" | 1/2" | 8/3 (.70") | 6/3 (.85") | 50 | 200 |
| 572-SI | 3/4" | 3/4" | 4/3 (.94") | 4/3 (1.04") | 25 | 100 |
| 573-SI | 1" | 1" | 2/3 (1.18") | 3-2/0 (1.35") | 10 | 100 |

## Snap Type Connectors



590-DC2



590-DCI2



590-DC2
(Back View)

For connecting AC/MC cable or flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Push cable or conduit into the connector and install in 1/2" knockout. Internal spring steel locking ring tabs securely clamp the cable in place and ensure bonding. Ring tabs are shaped to accept cable without damage to wire insulation. Patented.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 590-DC2 | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 590-DCI2 | 1/2" | 3/8" | 14/2 (.43") | 10/3 (.61") | 50 | 500 |

Quick Install

## Mighty-Seal® PVC Jacketed MC and TECK Cable Connectors



CONCRETE-TIGHT RAINTIGHT

For connecting PVC jacketed MC cable (parking deck/lot cable) or TECK cable to box or enclosure. Simply strip 7/8" to 1" of jacket from end of cable, loosen nut, and push cable into connector until cable reaches end stop. Tighten nut for raintight connection. Knockout gasket provides positive seal at 1/2" K.O. NPT tapered threads permits installation in threaded boxes. The 595-DC2C, 596-DC2C and 895-DC2C have a polyolefin coating and are listed for direct burial. Concrete-tight. Patented.

c UL us File No. E20534 (except 595-DC2C, 596-DC2C and 895-DC2C)

c ETL us Listed: 595-DC2C, 596-DC2C and 895-DC2C

### Zinc Die Cast

| Catalog Number | K.O. Size | TECK Cable Range Min. | TECK Cable Range Max. | MC Cable Range Min. | MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 595-DC2 | 1/2" | 14/2 (.61") | 12/2 (.72") | 12/2 (.50") | 10/3 (.61") | 15 | 60 |
| 596-DC2 | 1/2" | 14/3 (.685") | 10/3 (.80") | 10/4 (.61") | 8/3 (.69") | 15 | 60 |
| 895-DC2* | 1/2" | 14/2 (.61") | 12/2 (.72") | 12/2 (.50") | 10/3 (.61") | 10 | 40 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | TECK Cable Range Min. | TECK Cable Range Max. | MC Cable Range Min. | MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 595-DCI2 | 1/2" | 14/2 (.61") | 12/2 (.72") | 12/2 (.50") | 10/3 (.61") | 15 | 60 |
| 596-DCI2 | 1/2" | 14/3 (.685") | 10/3 (.80") | 10/4 (.61") | 8/3 (.69") | 15 | 60 |
| 895-DCI2* | 1/2" | 14/2 (.61") | 12/2 (.72") | 12/2 (.50") | 10/3 (.61") | 10 | 40 |

### Zinc Die Cast / Polyolefin Coating

| Catalog Number | K.O. Size | TECK Cable Range Min. | TECK Cable Range Max. | MC Cable Range Min. | MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 595-DC2C | 1/2" | 14/2 (.61") | 12/2 (.72") | 12/2 (.50") | 10/3 (.61") | 10 | 40 |
| 596-DC2C | 1/2" | 14/3 (.685") | 10/3 (.80") | 10/4 (.61") | 8/3 (.69") | 15 | 60 |
| 895-DC2C* | 1/2" | 14/2 (.61") | 12/2 (.72") | 12/2 (.50") | 10/3 (.61") | 10 | 40 |

* 90° version

## Duplex Connectors



601-DC2, 621-DC2



691-DC2

For connecting AC/MC cable and flexible metal cable to box or enclosure. The 601-DC2 is CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

File No. E20534

File No. LR39354

## Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 601-DC2 | 1/2" | 3/8" | 14/2 (.375") | 10/3 (.625") | 14/3 (.375") | 10/3 (.625") | 20 | 200 |
| 621-DC2 | 3/4" | 3/8" | --- | --- | 14/4 (.44") | 8/3 (.70") | 25 | 100 |
| 691-DC2 | 1/2" | 3/8" | --- | --- | 14/2 (.42") | 10/3 (.61") | 20 | 200 |

## Whipper-Snap® Duplex Connectors



3838SP



846SP



3838ASP

The 846SP is a strap type fitting with external spring steel locking tabs that allow the connector to simply snap into the electrical box.

The 3838ASP and 3838SP are double-snap type connectors. Simply snap cables into connector and snap assembly into electrical box. No tools required! Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Integral internal spring steel locking tabs fasten cable or conduit. External spring steel locking tabs secures connector to electrical box. Suitable for maintaining grounding continuity when installed in accordance with the NEC. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 3838SP | 1/2" | 3/8" | 14/2 (.38") | 10/2 (.59") | 20 | 200 |
| 846SP | 1/2" | 3/8" | 14/2 (.38") | 10/4 (.625") | 20 | 200 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 3838ASP | 1/2" | 3/8" | 14/2 (.38") | 10/2 (.59") | 20 | 200 |

Quick Install

## Whipper-Snap® Snap-In "U" Shaped Strap Duplex Connectors



For connecting AC/MC cable or flexible metal conduit to box or enclosure. Connectors simply snap into the electrical box. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Suitable for maintaining grounding continuity when installed in accordance with the NEC. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| SG3838ASP | 1/2" | 3/8" | 14/2 (.42") | 10/3 (.61") | 20 | 200 |

Quick Install

## Two Screw Strap Type Connectors



Used to connect AC/MC cable or flexible metal conduit to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

UL File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 653-DC2 | 1/2" | 1/2" | 8/2 (.675") | 6/4 (.90")* | 25 | 100 |
| 655-DC2 | 3/4" | 3/4" | 6/3 (.85") | 4/3 (1.10") | 20 | 100 |
| 657-DC2 | 1" | 1" | 4/3 (1.03") | 1/3 (1.31") | 5 | 25 |

*AC only

## Two Screw Strap Type Connectors



683-DC2 683-DCI2 683-DCX2

Used to connect MC cable to box or enclosure.

(UL) File No. E20534: 682-DC2

(UL) File No. E202876: 683-DC2 thru 686-DC2; 683-DCI2 thru 689-DCI2 and 683-DCX2 thru 689-DCX2

(UL) File No. E191676: 687-DC2 thru 689-DC2

### Zinc Die Cast (Round Opening)

| Catalog Number | K.O. Size | MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 682-DC2 | 3/4" | 10/3 (.530") | 6/4 (.865")* | 10 | 100 |
| 683-DC2 | 1" | 6/4 (.875") | 4/3 (1.040") | 10 | 100 |
| 684-DC2 | 1 1/4" | 4/4 (1.100") | 3/4 (1.250") | 10 | 100 |
| 685-DC2 | 1 1/2" | 2/4 (1.250") | 3-2/0 (1.500") | 5 | 25 |
| 686-DC2 | 2" | 4-4/0 (1.750") | 4-250 MCM (2.000") | 2 | 10 |
| 687-DC2 | 2 1/2" | 4-300 MCM (2.000") | 4-500 MCM (2.500") | 1 | 5 |
| 688-DC2 | 3" | 4-500 MCM (2.375") | 4-750 MCM (3.000") | 1 | 5 |
| 689-DC2 | 3 1/2" | 4-600 MCM (2.750") | 4-750 MCM (3.500") | 1 | 5 |

*AC/MC

### Zinc Die Cast (Round Opening) / Insulated Throat - 105°C

| Catalog Number | K.O. Size | MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 683-DCI2 | 1" | 6/4 (.750") | 4/3 (1.040") | 10 | 100 |
| 684-DCI2 | 1 1/4" | 4/4 (1.100") | 3/4 (1.250") | 10 | 100 |
| 685-DCI2 | 1 1/2" | 2/4 (1.250") | 3-2/0 (1.500") | 5 | 25 |
| 686-DCI2 | 2" | 4-4/0 (1.750") | 4-250 MCM (2.000") | 2 | 10 |
| 687-DCI2 | 2 1/2" | 4-300 MCM (2.000") | 4-500 MCM (2.500") | 1 | 5 |
| 688-DCI2 | 3" | 4-500 MCM (2.375") | 4-750 MCM (3.000") | 1 | 5 |
| 689-DCI2 | 3 1/2" | 4-600 MCM (2.750") | 4-750 MCM (3.500") | 1 | 5 |

### Zinc Die Cast (Rectangular Opening)

| Catalog Number | K.O. Size | MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 683-DCX2 | 1" | 6/4 (.875") | 4/3 (1.040") | 10 | 100 |
| 684-DCX2 | 1 1/4" | 4/4 (1.100") | 3/4 (1.250") | 10 | 100 |
| 685-DCX2 | 1 1/2" | 2/4 (1.250") | 3-2/0 (1.500") | 5 | 25 |
| 686-DCX2 | 2" | 4-4/0 (1.500") | 4-250 MCM (1.850") | 2 | 10 |
| 687-DCX2 | 2 1/2" | 4-300 MCM (2.000") | 4-500 MCM (2.500") | 1 | 5 |
| 688-DCX2 | 3" | 4-500 MCM (2.375") | 4-750 MCM (3.000") | 1 | 5 |
| 689-DCX2 | 3 1/2" | 4-600 MCM (2.750") | 4-750 MCM (3.500") | 1 | 5 |

## Four Screw Strap Type Connectors



Used to connect AC/MC cable to box or enclosure.

c UL us File No. E202876

### Malleable Iron (Rectangular Opening)

| Catalog Number | K.O. Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 683-XM | 1" | 6/4 (.84") | 4/4 (1.10") | 10 | 100 |
| 684-XM | 1 1/4" | 4/4 (1.05") | 4-1/0 (1.34") | 10 | 100 |
| 685-XM | 1 1/2" | 3-1/0 (1.34") | 4-2/0 (1.52") | 5 | 25 |
| 686-XM | 2" | 4-3/0 (1.52") | 3-350 MCM (1.95") | 2 | 10 |
| 687-XM | 2 1/2" | 3-350 MCM (1.95") | 4-500 MCM (2.50")* | 1 | 5 |
| 688-XM | 3" | 4-500 MCM (2.47") | 4-750 MCM (2.86")* | 1 | 5 |
| 689-XM | 3 1/2" | 4-500 MCM (2.65") | 4-900 MCM (3.20")* | 1 | 5 |

*MC only

## 90° Duplex Connector



90° fitting with steel cover used to connect AC cable or flexible metal conduit to box or enclosure.

UL File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 830-DC2 | 1/2" | 3/8" | 12/2 (.44") | 10/3 (.61") | 25 | 100 |

## Whipper-Snap® 90° Duplex Connectors



90º fitting with steel cover used to connect AC/MC or flexible metal conduit to box or enclosure. Simply snap connector into electrical box! External spring steel locking tabs secures connector. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 84690SP | 1/2" | 3/8" | 14/4 (.44") | 10/3 (.61") | 25 | 100 |

Quick Install

## Whipper-Snap® Snap-In Two Screw Strap Type Connector



For connecting AC/MC cable or flexible metal conduit to box or enclosure. CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

UL File No. E20534

CSA File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 840SP | 1/2" | 3/8" | 14/2 (.44") | 10/3 (.61") | 14/4 (.44") | 10/3 (.61") | 100 | 1000 |

Quick Install

## Whipper-Snap® Two Screw Strap Type Connector



For connecting AC/MC cable to box or enclosure. Connector simply snaps into the box. CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented Whipper-Snap design.

c UL us File No. E20534

CSA File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 8400SP | 1/2" | 14/2 (.38") | 10/3 (.61") | 14/2 (.38") | 10/3 (.61") | 100 | 1000 |

Quick Install

## Whipper-Snap® Two Screw Strap Type Connector for MCI-A Cable



For connecting AC/MC cable to box or enclosure. CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Connector simply snaps into the box. Patented Whipper-Snap design.

c UL us File No. E20534

CSA File No. LR39354

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | ACG90 Cable Range Min. | ACG90 Cable Range Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 8400ASP | 1/2" | 14/2 (.38") | 10/3 (.525") | 14/2 (.38") | 10/3 (.525") | 100 | 1000 |

Quick Install

## 90° Connectors



90° fitting with cover for connecting MC cable to box or enclosure. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

File No. E9391: 801-DC2 and 801-DCI2

File No. E20534: 804-, 806-, 807-, 808-DC2 & DCI2

File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | Metal Clad Cable Range Min. | Metal Clad Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 801-DC2 | 1/2" | 3/8" | 14/4 (.450") | 10/4 (.625") | 25 | 250 |
| 804-DC2 | 1/2" | 1/2" | .750" | .875" | 25 | 100 |
| 806-DC2 | 3/4" | 3/4" | .875" | 1.000" | 10 | 50 |
| 807-DC2 | 1" | 1" | 1.187" | 1.312" | --- | 25 |
| 808-DC2 | 1 1/4" | 1 1/4" | 1.500" | 1.625" | --- | 25 |

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | Metal Clad Cable Range Min. | Metal Clad Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 801-DCI2 | 1/2" | 3/8" | 14/4 (.450") | 10/4 (.625") | 25 | 250 |
| 804-DCI2 | 1/2" | 1/2" | .750" | .875" | 25 | 100 |
| 806-DCI2 | 3/4" | 3/4" | .875" | 1.000" | 10 | 50 |
| 807-DCI2 | 1" | 1" | 1.187" | 1.312" | --- | 25 |
| 808-DCI2 | 1 1/4" | 1 1/4" | 1.500" | 1.625" | --- | 25 |

## Single Screw 90° Connectors - Locknut and Whipper-Snap® Designs


802-DC2 802SP

90° fitting with cover used for connecting AC/MC cable or flexible metal conduit to box or enclosure. Single screw design saves time and money. Connectors with patented Whipper-Snap design snap into electrical box! Concrete-tight when taped. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

c UL us File No. E9391: All except 802-MCIA2

c UL us File No. E202876: 802-MCIA2

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 802-DC2 | 1/2" | 3/8" | 12/2 (.48") | 10/3 (.58") | 25 | 250 |
| 802-MCIA2 | 1/2" | --- | 14/4 (.42") | 10/3 (.55") | 25 | 250 |

Quick Install

### Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 802-DCI2 | 1/2" | 3/8" | 12/2 (.48") | 10/3 (.58") | 25 | 250 |

Quick Install

### Whipper-Snap® Zinc Die Cast / Insulated Throat - 105°C

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 802ASP | 1/2" | 3/8" | 12/2 (.48") | 10/3 (.58") | 25 | 250 |

Quick Install

### Whipper-Snap® Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 802SP | 1/2" | 3/8" | 12/2 (.48") | 10/3 (.58") | 25 | 250 |
| 802MCIA | 1/2" | --- | 14/4 (.42") | 10/3 (.55") | 25 | 250 |

Quick Install

## Whipper-Snap® 90° Connector Double-Screw Design



Used for connecting AC/MC cable or flexible metal conduit to box or enclosure. Simply snap connector into electrical box. External spring steel locking tabs secures connector to electrical box. Patented Whipper-Snap design.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 850SP | 1/2" | 3/8" | 12/2 (.55") | 10/3 (.61") | 25 | 250 |

Quick Install

## One Hole Straps



Snap-on type strap used to support AC/MC cable or flexible metal conduit.

c UL us File No. E161206

### Steel

| Catalog Number | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit. Qty. | Std. Qty. |
|---|---|---|---|---|---|
| 890-MC | --- | 14/2 (.475") | 12/2 (.525") | 100 | 1000 |
| 891-MC | --- | 14/3 (.540") | 12/3 (.590") | 100 | 1000 |
| 900-F | 3/8" | 12/4 (.560") | 10/3 (.610") | 100 | 1000 |

## Mighty-Hold® Universal Clamp Straps

NEW



UCS-5075 UCS-75100

One piece clamp back and strap secures both cable and conduit. The UCS-5075 secures 1/2" and 3/4" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable.

The UCS-75100 secures 3/4" and 1" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Patent Pending.

c UL us File No. E161206

### Zinc Plated Steel

| Catalog Number | Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| UCS-5075 | 1/2" - 3/4" | .710" | 1.10" | 25 | 100 |
| UCS-75100 | 3/4" - 1" | .925" | 1.32" | 25 | 100 |

## Mighty-Hold® Universal Straps



For PVC jacketed steel MCI-A cable. Suitable for use in wet locations. Supports multiple sizes. Stainless Steel. Patented.

c UL us File No. E161206

### Stainless Steel

| Catalog Number | Hole Size | Cable Range Min. | Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| USS-6171 | .210" | 12/2 (.55") | 10/3 (.71") | 100 | 1000 |

## Mighty-Hold® Universal Straps



For AC/MC/MCI-A cable and flexible metal conduit. Supports multiple sizes. Patented.

c UL us File No. E161206

### Steel

| Catalog Number | Hole Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| US-4461 | .210" | 3/8" | 12/2 (.425") | 10/3 (.61") | 100 | 1000 |

## Anti-Short Bushings "Redheads"



"Redheads" prevent damage to wire insulation when placed between the wire and armored sheath.

UL File No. E11259

CSA File No. LR24719M5

### Polyethylene - 90°C

| Catalog Number | Trade Size | Flex Trade Size | Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 1000 | 0 | 5/16" | 14/2, 14/3, 12/2 | 50 | 7000 |
| 1001 | 1 | 3/8" | 14/4, 12/3, 6/1, 4/1 | 50 | 3500 |
| 1002 | 2 | --- | 12/4, 10/2, 10/3, 2/1 | 50 | 7000 |
| 1003 | 3 | 1/2" | 10/4, 8/2, 8/3, 1/1 | 20 | 2000 |
| 1004 | 4 | 3/4" | 8/4, 6/2, 6/3, 4/2, 4/3, 6/4 | 20 | 1600 |
| 1005 | 5 | 1" | --- | 25 | 100 |
| 1006 | 6 | 1 1/4" | --- | 10 | 40 |
| 1007 | 7 | 1 1/2" | --- | 10 | 40 |
| 1008 | 8 | 2" - 2 1/2" | --- | 10 | 40 |

## AC/MC Cable Bracket



Positions AC/MC cables. Galvanized steel construction. Convenient slot and hole for attaching to stud with nails or screws.

c UL us File No. E161206

### Steel

| Catalog Number | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 895-MC | (4) 14/2 | (4) 12/3 | 50 | 500 |

## Cable Supports



NMCB-1



NMCB-3

NMCB-1 positions and supports nonmetallic and AC/MC cables. Also suitable for use with low voltage cabling to 3/8" diameter. Furnished with (2) No. 8 screws for use on wood or steel stud. Complies with NEC Articles 300.4(D) and 320.23(B). Patented.

NMCB-3 is provided with nails for use on wood studs or 3/4" thick furring strips to position and support AC/MC cables. May also be attached to metal studs or enclosures, or concrete block with No. 6 round head screws. Mounts in either horizontal or vertical direction. Low profile design and unique dimpled slots prevent accidental removal of cables. Patented.

c UL us File No. E161206

### Polypropylene

| Catalog Number | Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| NMCB-1 | (6) 14/2 | (6) 10/3 NM-B | 25 | 100 |
| | | Or | | |
| | (4) 14/2 | (4) 12/2 AC/MC | | |
| NMCB-3 | (5) 14/2 | (5) 10/3 AC/MC | 25 | 100 |

## Combination Couplings



Compression type end for EMT. Two-screw steel strap end for flexible metal conduit.

### Malleable Iron

| Catalog Number | EMT Trade Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 280 | 1/2" | 3/8" | 25 | 100 |
| 281 | 1/2" | 1/2" | 20 | 100 |

## Combination Couplings



280SP



280-DC, 280-DCX



281-DC, 282-DC, 282-DCX, 283-DC

Set screw type couplings used to join EMT to AC/MC and flexible metal conduit. See below. The patented 280-DCX and 280-DC have steel straps. The 280SP is patented Mighty-Merge® design and has set screw end for EMT and snap-in end for AC/MC cables and flexible metal conduit. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables.

c(UL)us File No. E9391: 280-DC, 280SP, 281-DC, 282-DC, 283-DC

NEW

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | Nonmetallic Cable Range* Min. | Nonmetallic Cable Range* Max. | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 280-DC | 1/2" | 3/8" | 14/2 | 10/3 | --- | --- | 25 | 100 |
| 280-DCX | 1/2" | 3/8" | 14/2 | 14/2 | 14/2 (.43") | 10/3 (.61") | 25 | 100 |
| 280SP | 1/2" | 3/8" | --- | --- | 14/2 (.43") | 10/3 (.61") | 25 | 100 |
| 281-DC | 1/2" | 1/2" | --- | --- | --- | --- | 25 | 250 |
| 282-DC | 3/4" | 3/4" | --- | --- | --- | --- | 25 | 100 |
| 282-DCX | 3/4" | 1/2" | --- | --- | --- | --- | 25 | 100 |
| 283-DC | 1" | 1" | --- | --- | --- | --- | 10 | 100 |

*See nonmetallic cable section.

## Combination Couplings


Zinc


Steel

Set screw type fitting used to join EMT to rigid or IMC. Concrete-tight. Furnished with Tri-Drive slot/Phillips/Robertson head screws.

Listed: 290-DC thru 292-DC

File No. E9391: 290-S thru 292-S

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-DC | 1/2" | 1/2" | 50 | 200 |
| 291-DC | 3/4" | 3/4" | 25 | 100 |
| 292-DC | 1" | 1" | 25 | 100 |

### Steel

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-S | 1/2" | 1/2" | 25 | 100 |
| 291-S | 3/4" | 3/4" | 25 | 100 |
| 292-S | 1" | 1" | 10 | 50 |

## Mighty-Merge® Raintight Combination Couplings



NEW

Couplings used to transition EMT to rigid for a secure raintight/ wet location seal. Patented.

ETL Listed

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-RT | 1/2" | 1/2" | 25 | 100 |
| 291-RT | 3/4" | 3/4" | 25 | 100 |
| 292-RT | 1" | 1" | 10 | 50 |

## Combination Couplings



Used to join rigid or IMC to EMT. Coupling internally threaded for rigid / IMC. Compression end for EMT. Concrete-tight.

UL File No. E9391: 292-MS

### Zinc Plated Steel

| Catalog Number | EMT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 290-MS | 1/2" | 1/2" | 25 | 100 |
| 291-MS | 3/4" | 3/4" | 25 | 100 |
| 292-MS | 1" | 1" | 10 | 50 |

## Combination Couplings



Coupling used to join EMT to flexible metal conduit. Screw-in end for flex. Compression end for EMT.

File No. E9391

581-DC also UL Listed for use with XRWFMC.

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 581-DC | 1/2" | 1/2" | 50 | 500 |
| 582-DC | 3/4" | 3/4" | 25 | 250 |
| 583-DC | 1" | 1" | 10 | 100 |

## Mighty-Merge® Combination Couplings



4057-DC



4058-DC

Couplings used to join EMT to flexible metal conduit and AC/MC cable. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented.

Listed

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 4057-DC | 3/4" | 3/8" | 14/2 (.43") | 10/3 (.61") | 25 | 100 |
| 4058-DC | 3/4" | 1/2" | 10/4 (.43") | 6/4 (.61") | 25 | 100 |

## Mighty-Merge® Combination Couplings



Coupling used to join duplex AC/MC cable or flexible metal conduit to EMT. Set screw type transitional fitting ideal for commercial and institutional facilities. A labor savings, compared to the traditional junction box installation. Simply remove the armor and expose the length of conductors to reach the device box or enclosure. Insert FMC or AC/MC until visible in inspection holes. Refer to the cable connector compatibility charts in the technical guide section for MCI-A and other cables. Patented.

c UL us File No. E20534

### Zinc Die Cast

| Catalog Number | EMT Trade Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 4157-DC | 3/4" | 3/8" | 14/2 (.43") | 10/3 (.61") | 25 | 100 |

## Mighty-Merge® Two-to-One Combination Couplings




Used to join two lengths of EMT conduit into one. The 4256-DC joins two 1/2" EMT to one 3/4" EMT. The 4258-DC joins two 3/4" EMT to one 1" EMT. Patented.

c UL us File No. E204001

NEW

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 4256-DC | (2) 1/2" to (1) 3/4" | 10 | 40 |
| 4258-DC | (2) 3/4" to (1) 1" | 10 | 40 |

## Combination Couplings



Coupling used to join either metallic or nonmetallic (Type “B”) liquid tight to EMT. Concrete-tight. UL Listed “Raintight”.

File No. E24001

File No. LR39354

### Zinc Die Cast

| Catalog Number | EMT Trade Size | LT Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 4360-DC | 1/2" | 1/2" | 25 | 100 |
| 4361-DC | 3/4" | 3/4" | 10 | 50 |

## Raintight Combination Couplings



Used to join rigid or IMC to metallic liquid tight conduit. Concrete-tight. UL Listed “Raintight”.

File No. E9391

### Steel

| Catalog Number | LT Trade Size | Rigid Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 4369-LT | 3/8" | 1/2" | 25 | 125 |
| 4370-LT | 1/2" | 1/2" | 20 | 100 |
| 4371-LT | 3/4" | 3/4" | 10 | 50 |
| 4372-LT | 1" | 1" | 5 | 25 |
| 4373-LT | 1 1/4" | 1 1/4" | 4 | 20 |
| 4374-LT | 1 1/2" | 1 1/2" | 3 | 15 |
| 4375-LT | 2" | 2" | 2 | 10 |

## Combination Couplings



Set screw type couplings used to join EMT to nonmetallic cable. Steel strap. Patented.

c UL us File No. E9391

### Zinc Die Cast

| Catalog Number | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 280-DC | (2) 14/2<br>(1) 14/2 | (2) 14/2<br>(1) 10/3 | 25 | 100 |
| 280-DCX | (1) 14/2 | (1) 14/2 | 25 | 100 |

## Single Screw Strap Type Connector With Tri-Drive Screw



For connecting nonmetallic cable to box or enclosure. CSA Listed for ACG890.

c UL us File No. E20534 SP File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | ACG90 Cable Range Min. | Max. | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 560-DC2 | 1/2" | 14/2 | 10/3 | 14/2 | 10/2 | 50 | 500 |

## Multi-Purpose Connector Two Screw, Strap Type



Used to connect nonmetallic sheath cable (NM-B), AC/MC cable or flexible metal conduit to 1/4" knockout. Will fit 1/4" knockouts with flats, such as used in lighting applications.

Recognized UL File No. E9391

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | AC/MC Cable Range Min. | Max. | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 563-DC2 | 1/4" | 3/8" | 14/2 | 12/2 | 14/2 | 12/2 | 50 | 500 |

## Duplex Connector



Strap type fitting used to connect nonmetallic cable, flexible metal conduit and AC/MC cables to box or enclosure. CSA Listed for ACG90. Refer to the cable connector compatibility charts in the technical guide section.

UL File No. E20534

CSA File No. LR39354

### Zinc Die Cast

| Catalog Number | K.O. Size | Flex Trade Size | ACG90 and AC/MC Cable Range Min. | ACG90 and AC/MC Cable Range Max. | Nonmetallic Cable Range Min. | Nonmetallic Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|---|
| 601-DC2 | 1/2" | 3/8" | 14/2 (.375") | 10/3 (.625") | (1) 14/2 | (1) 10/3 | 20 | 200 |

## PVC "Snap-In" Type Connectors



616-NMD



617-NMD

For connecting nonmetallic cable to box or enclosure. Locknut not required.

UL File No. E11698

### PVC

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | Nonmetallic Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 616-NMD<br>Quick Install | 1/2" | (1) 14/2<br>Or<br>(2) 14/2<br>In Any Combination | (1) 6/2<br><br>(2) 12/3 | 100 | 1000 |
| 617-NMD<br>Quick Install | 3/4" | (1) 8/2 | (1) 6/3 | 50 | 500 |

## PVC "Snap-In" Type Connectors



For connecting nonmetallic cable to box or enclosure. Locknut not required.

UL File No. E11698

CSA File No. LR74878

### PVC

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 620-NM | 1/2" | (1) 14/2 | (1) 10/3 | 50 | 500 |
| Quick Install | | Or | | | |
| | | (2) 14/2 | (2) 12/2 | | |

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 621-NM | 3/4" | (1) 8/3 | (1) 6/3 | 25 | 250 |
| Quick Install | | Or | | | |
| | | (2) 12/3 | (2) 8/3 | | |

## Two-Piece Clamp Type Connectors



For connecting single nonmetallic cable to box or enclosure. Locknut not required.

UL File No. E11698: 642 thru 644

### Steel

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 642 | 1/2" | .180" | .560" | 100 | 1000 |
| 643 | 3/4" | .250" | .830" | 50 | 500 |
| 644 | 1 1/4" | .250" | .980" | 50 | 250 |
| 645 | 1 1/2" | .312" | 1.125" | 20 | 100 |

## Single Screw, Strap Type Connector



For connecting nonmetallic cable to box or enclosure. Also listed for use with cord. Patented.

UL File No. E11698

### Zinc Die Cast

| Catalog Number | K.O. Size | SJO Cord Cable Range Min. | SJO Cord Cable Range Max. | Nonmetallic Cable Range Min. | Nonmetallic Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 651-DC2 | 1/2" | 18/3 | 12/3 | (1) 14/2<br>Or<br>(1) 14/2 | (1) 12/2<br>(1) 10/3 | 100 | 1000 |

## Whipper-Snap® Single Screw, Strap Type Connector



For connecting nonmetallic cable to box or enclosure. Also listed for use with SJO cord. Simply snap connector into electrical box. External spring steel locking tabs secures connector to electrical box. Patented Whipper-Snap design.

UL File No. E11698

### Zinc Die Cast

| Catalog Number | K.O. Size | SJO Cord Cable Range Min. | SJO Cord Cable Range Max. | Nonmetallic Cable Range Min. | Nonmetallic Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 651SP<br>Quick Install | 1/2" | 18/3 | 12/3 | (1) 14/2<br>Or<br>(2) 14/2 | (1) 10/3<br>(2) 12/2 | 100 | 1000 |

## Two Screw, Strap Type Connectors



566-DC2



660-DC2 thru 666-DC2



650-DC2 thru 676-DC2

For connecting nonmetallic cable to box or enclosure. The 650-HD2 has a die cast strap for heavy duty use.

UL File No. E20534: 566-DC2

UL File No. E11698: 650-DC2, 651SP, 650-HD2

UL File No. E15123: 660-DC2 thru 666-DC2; 670-DC2 thru 676-DC2

SP File No. LR39354: 566-DC2, 650-DC2, 660-DC2, 670-DC2

### Zinc Die Cast - Round Cable

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 566-DC2 | 1/2" | (1) or (2) 14/2 Or (1) 14/2 | (1) or (2) 12/2 Or (1) 10/3 | 100 | 1000 |
| 660-DC2 | 3/4" | .680" | .800" | 25 | 250 |
| 662-DC2 | 1" | .850" | 1.000" | 10 | 100 |
| 664-DC2 | 1 1/4" | 1.090" | 1.300" | 10 | 100 |
| 665-DC2 | 1 1/2" | 1.187" | 1.490" | --- | 25 |
| 666-DC2 | 2" | 1.750" | 1.950" | --- | 25 |

### Zinc Die Cast - Oval Cable

| Catalog Number | K.O. Size | Nonmetallic Cable Range Height | Width | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 650-DC2 | 1/2" | (1) or (2) 14/2 Or (1) 14/2 | (1) or (2) 12/2 Or (1) 10/3 | 100 | 1000 |
| 650-HD2 | 1/2" | (1) or (2) 14/2 Or (1) 14/2 | (1) or (2) 12/2 Or (1) 10/3 | 100 | 1000 |
| 670-DC2 | 3/4" | .437" | .625" | 25 | 250 |
| 672-DC2 | 1" | .500" | .750" | 10 | 100 |
| 674-DC2 | 1 1/4" | .625" | 1.062" | 10 | 100 |
| 675-DC2 | 1 1/2" | .750" | 1.250" | --- | 25 |
| 676-DC2 | 2" | 1.062" | 1.625" | --- | 25 |

## UF Connectors



Connector provides watertight seal around underground feeder cable. Tapered (NPT) threads.

UL File No. E11698

### Zinc Die Cast

| Catalog Number | Trade Size | Cable Size Min. | Cable Size Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 761-UF | 1/2" | 14/2 (.250") | 10/2 (.500") | 25 | 100 |
| 762-UF | 3/4" | 14/3 (.260") | 10/3 (.720") | 10 | 50 |

## Whipper-Snap® Two Screw, Strap Type Connector



For connecting nonmetallic cable to box or enclosure. Simply snap connector into electrical box. External spring steel locking tabs secures connector to electrical box. Patented Whipper-Snap design.

UL File No. E11698

### Zinc Die Cast

| Catalog Number | K.O. Size | Nonmetallic Cable Range Min. | Nonmetallic Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 841SP | 1/2" | (1) 14/2 Or (2) 14/2 | (1) 10/3 Or (2) 12/2 | 100 | 1000 |

Quick Install

## Knockout Insulating Bushings



Converts metallic box rough edged holes to smooth insulated holes for protection of electrical, voice, data and video cables.

File No. LR24719

File No. E240912: 9791 thru 9796

### Plastic Rated 105°C

| Catalog Number | K.O. | K.O. Dia. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 9791 | 1/2" | .875" | 100 | 1000 |
| 9792 | 3/4" | 1.109" | 100 | 1000 |
| 9793 | 1" | 1.375" | 50 | 500 |
| 9794 | 1 1/4" | 1.734" | 50 | 500 |
| 9795 | 1 1/2" | 1.984" | 25 | 250 |
| 9796 | 2" | 2.469" | 20 | 100 |
| 9797 | 2 1/2" | 2.969" | 20 | 100 |

## Stud Bushings



Protects wire insulation from abrasion in metal studs. Bushing allows smooth wire pulling. Used for all pre-punched shaped holes.

File No. E11259

### Polypropylene

| Catalog Number | Unit Qty. | Std. Pkg. |
|---|---|---|
| 9882 | 50 | 500 |



## Cable Supports



NMCB-1



NMCB-2

NMCB-1 positions and supports nonmetallic and AC/MC cable. Also suitable for use with low voltage cabling to 3/8" diameter. Furnished with (2) No. 8 screws for use on wood or steel stud. Complies with NEC Articles 300.4(D) and 320.23(B). Patented.

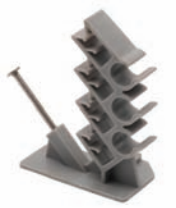
NMCB-2 is provided with a nail for use on wood studs or 3/4" thick furring strips to position nonmetallic sheath cable. Capable of positioning nonmetallic cables in each of three rectangular slots. May also be used with low voltage cable. Low profile design and unique self-locking fingers prevent accidental removal of cables. Grooved nail for extra gripping with stud. Patented.

c UL File No. E161206

### Polypropylene

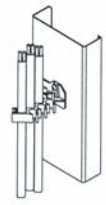
| Catalog Number. | Nonmetallic Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| NMCB-1 | (6) 14/2 | (6) 10/3 NM-B<br>Or<br>(4) 14/2 (1) 10/3 AC/MC<br>(in each slot) | 25 | 100 |
| NMCB-2 | (1) 14/2 | (1) 10/3 NM-B<br>Or<br>(2) 14/2 (2) 14/2 AC/MC<br>(in each slot) | 25 | 100 |

## Cable Stacker

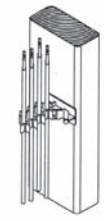


For use on steel or wood studs to support nonmetallic sheath, communication, and data cables. Furnished with nail for wood stud. Use No. 8 x 1/2" self-tapping sheet metal screw for steel stud. Complies with NEC Articles 300-4(D) and 320.23(B). Patented.

c UL us File No. E161206



Metal Stud



Wood Stud

### Polypropylene

| Catalog Number | Unit Qty. | Std. Pkg. |
|---|---|---|
| NMWH-43 | 25 | 100 |

CABLE RANGES:

Data / Communication Cable

| | | |
|---|---|---|
| Oval Openings: | 1 or 2 | .06" to .20" diameter |
| | 1 | .20" to .32" diameter |
| Round Openings: | 1 | .16" to .50" diameter |

Nonmetallic Sheath Cable

| | | |
|---|---|---|
| Oval Openings: | 1 or 2 | 14/2 AWG |
| | 1 or 2 | 12/2 AWG |
| | 1 | 10/2 AWG |
| Round Openings: | 1 | 14/3 AWG |
| | 1 | 12/3 AWG |
| | 1 | 10/3 AWG |

## Ground Clamps - Protective Type



1312-B



1306-B, 1308-B, 1308-DC

For making connection with protective armor of copper conductor and ground pipe or grounding electrode.

File No. E20412: 1306-B, 1308-B, 1308-DC

File No. LR39354: 1308-DC

### Brass with Steel Strap

| Catalog Number | Ground Pipe Grounding Electrode Size | Copper Ground Wire Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 1306-B | 1/2" - 1" | 4, 6, 8 | 25 | 100 |
| 1308-B | 1/2" - 1" | 4, 6, 8 | 25 | 100 |
| 1312-B | 1 1/4" - 2" | 4, 6, 8 | --- | 20 |

### Zinc Die Cast with Steel Strap

| Catalog Number | Ground Pipe Grounding Electrode Size | Copper Water Pipe Size | Copper Conductor Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 1308-DC | 1/2" - 1" | 1/2" - 3/4" | 4, 6, 8 | 25 | 250 |

## Ground Clamps - Bare Wire Type



1307-B, 1309-B, 1309-DC, 1315-B



1313-B

For making connection with copper ground wire and grounding pipe or grounding electrode.

File No. E20412

File No. LR39354: 1309-DC

### Zinc Die Cast

| Catalog Number | Ground Pipe Grounding Electrode Size | Copper Water Pipe Size | Copper Ground Wire Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 1309-DC | 1/2" - 1" | 1/2" - 3/4" | 4, 6, 8 | 20 | 200 |

### Brass

| Catalog Number | Ground Pipe Grounding Electrode Size | Copper Ground Wire Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 1307-B | 1/2" - 1" | 4, 6, 8 | 50 | 200 |
| 1309-B | 1/2" - 1" | 4, 6, 8 | 20 | 200 |
| 1313-B | 1 1/4" - 2" | 4, 6, 8 | --- | 20 |
| 1315-B | 2 1/4" - 4" | 4, 6, 8 | 2 | 10 |

## Ground Clamps - Threaded Hub Type



For making connection with copper ground wire through threaded rigid conduit.

UL File No. E20412

### Brass

| Catalog Number | Rigid Trade Size | Ground Pipe Grounding Electrode Size | Copper Ground Wire Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 1325-B | 1/2" | 1/2" - 1" | 4, 6, 8 | --- | 50 |
| 1326-B | 1/2" | 1 1/4" - 2" | 4, 6, 8 | --- | 20 |
| 1328-B | 1/2" | 2 1/2" - 4" | 4, 6, 8 | --- | 10 |
| 1330-B | 3/4" | 1/2" - 1" | 4, 6, 8 | --- | 50 |
| 1331-B | 3/4" | 1 1/4" - 2" | 4, 6, 8 | --- | 20 |

### Brass with Brass Screws

| Catalog Number | Rigid Trade Size | Ground Pipe Grounding Electrode Size | Copper Ground Wire Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 1325-B1 | 1/2" | 1/2" - 1" | 4, 6, 8 | --- | 50 |

## Brass Ground Clamps With Strap and Hub



For making connection with copper ground wire through threaded conduit. Ground wire terminated to set screw.

UL File No. E20412

### Brass with Steel Screws

| Catalog Number | Trade Size In Inches | Hub Size | Copper Ground Wire Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 1325-BH | 1/2, 3/4, 1 | 1/2" | 4, 6, 8 | --- | 25 |
| 1330-BH | 1/2, 3/4, 1 | 3/4" | 4, 6, 8 | --- | 25 |
| 1345-BH | 1/2, 3/4, 1 | 1" | 4, 6, 8 | --- | 25 |

## Solderless Lugs



ALI Series



CLI Series

Copper lugs are used with copper conductors and provide high conductivity with lower heat rise. Copper lugs are rated for direct burial. Aluminum lay-in lugs are suitable for use with copper or aluminum conductors.

UL File No. E155561

### Aluminum

| Catalog Number | Wire Capacity | Stud Size | Unit Qty. | Std. Qty. |
|---|---|---|---|---|
| ALI-50 | 4 to 14 | #10 | 25 | 250 |
| ALI-112 | 1/0 to 14 | 1/4" | 20 | 200 |
| ALI-252 | 250 MCM to 6 | 5/16" | 10 | 100 |

### Copper

| Catalog Number | Wire Capacity | Stud Size | Unit Qty. | Std. Qty. |
|---|---|---|---|---|
| CLI-10 | 4 to 14 | #10 | 20 | 200 |
| CLI-20 | 4 to 14 | 1/4" | 20 | 200 |

## Solar Panel Grounding Connector



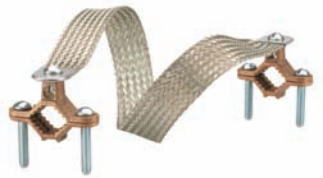
Designed to prevent galvanic reactions and enhance conductivity. The connector body has extruded serrations for breaking the anodized finish on photovoltaic modules and frames. The serrations in the wire binding break corrosion on the grounding wire which means that no surface preparation is required for the PV module, the frame or the ground wire. The unique clamp-on design means no mounting holes are required. The connector simply clamps onto the frame of the solar panel. The unit is UL 467 Listed and accommodates aluminum or copper conductor. The connectors feature stainless steel hardware.

File No. E20412

### Aluminum with Stainless Steel Hardware

| Catalog Number | Wire Capacity | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| ALI-SLR | 4 to 14 | 25 | 250 |

## Bonding Jumper Assembly



Use Bonding Jumper Assembly to comply with Article 250 of the National Electrical Code. Suitable for use on EMT, rigid conduit, or copper water pipe. If used with expansion coupling: assemble ground clamp to conduit one inch from stationary end of coupling. Attach second ground clamp two inches from sliding end of expansion coupling. Assembly features bronze ground clamps and copper bonding strip.

File No. E20412

### Bronze

| Catalog Number | Conduit Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| BJ-100 | 1/2" to 1" | 1 | 10 |
| BJ-200 | 1 1/4" to 2" | 1 | 10 |
| BJ-400 | 2 1/2" to 4" | 1 | 10 |

## Ground Clamps - Direct Burial Type



DB-1308



DB-1309

For making connection with copper ground wire and ground pipe, grounding electrode or rebar.
DB-1308 protective type for bare or armored copper ground wire.
DB-1309 for bare ground only.
All materials contain minimum of 80% copper.

Clamps meet both UL and NEC requirements for burial in earth or embedment in concrete.

c UL us File No. E20412

### Bronze

| Catalog Number | Ground Pipe Grounding Electrode Size | Rebar Size | Copper Ground Wire Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| DB-1308 | 1/2" - 1" | 3/8" - 3/4" | 4, 6, 8 | 25 | 100 |
| DB-1309 | 1/2" - 1" | 3/8" - 3/4" | 4, 6, 8 | 20 | 200 |

## Mighty-Bond® Intersystem Bonding Bridge



Intersystem Bonding Bridge used inside or outside of an enclosure or panel board. 3-Equipment bonding terminations. Meets the requirement of NEC Article 250.94. Patented.

UL File No. E20412

### Brass with Stainless Steel Hardware

| Catalog Number | Trade Size | Wire Capacity | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| IGB-050 | 1/2" | 14 to 4 | 25 | 100 |
| IGB-075 | 3/4" | 14 to 4 | 25 | 100 |

## Mighty-Bond® Intersystem Ground Rod Bridge Clamps



Ground Rod Bridge Clamps used as an intersystem bonding means by utilizing 4-terminal points for connecting communication systems to the same electrical grounding electrode/rod. Meets the requirement of NEC Article 250.94. Direct Burial Rated. Patented.

UL File No. E20412

NEW

### Brass with Stainless Steel Hardware

| Catalog Number | Ground Rod Size Min. | Ground Rod Size Max. | Rebar Size Min. | Rebar Size Max. | Copper Conductor Size Under Ground Rod Min. | Copper Conductor Size Under Ground Rod Max. |
|---|---|---|---|---|---|---|
| IGBC-063 | 1/2" | 5/8" | #3 | #4 | 8 Stranded<br>8 Solid | 2 Stranded<br>2 Solid |
| IGBC-075 | 5/8" | 3/4" | #5 | #6 | 4 Stranded<br>4 Solid | 1/0 Stranded<br>2 Solid |

### Brass with Stainless Steel Hardware *Continued*

| Catalog Number | Terminal Conductor Size Min. | Terminal Conductor Size Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| IGBC-063 | 14 Stranded<br>14 Solid | 4 Stranded<br>10 Solid | 25 | 100 |
| IGBC-075 | 14 Stranded<br>14 Solid | 4 Stranded<br>10 Solid | 25 | 100 |

## Grounding Rod Clamps - Direct Burial Type



For terminating bare copper conductor to ground rod. Clamps meet both UL and NEC requirements for burial in earth or embedment in concrete.

UL File No. E20412

### Bronze

| Catalog Number | Grounding Ground Pipe Electrode Size | Copper Ground Wire Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| GRC-50 | 1/2" | 10 Solid to 2 Stranded | 100 | 400 |
| GRC-63 | 5/8" | 10 Solid to 2 Stranded | 50 | 200 |
| GRC-75 | 3/4" | 10 Solid to 2 Stranded | 50 | 200 |

## Intersystem Bonding Bridge



For installation on dwelling wall.
Meets NEC Article 250.94.

| Catalog Number | Grounding Electrode Size | Bonding Conductor Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| IGB-WM | #6 - #2 | 14 to 4 | 5 | 50 |

## Mighty-Bond® Enclosure Grounding Connectors



Low cost and easy to use connector for securing grounding conductors at the enclosure in accordance with National Electrical Code (NEC) Article 250.8. Selection of conductor size to be made per NEC Article 250.66. Suitable for service entrance grounding. Product advantages include:

- Precision machined brass body with zinc die cast locknut and stainless steel set screw
- Professional installation appearance
- Serrated locknut removes residual paint from box
- Tamper Resistant as locknut and set screw are mounted inside the box
- Low profile flange on outside of box clearly marked with application guideline for ease in AHJ inspection
- UL Listed for grounding per UL467

Patent Pending.

UL File No. E20412

### Brass

| Catalog Number | Trade Size | Wire Capacity | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| MC-050 | 1/2" | Copper: 8 to 2 Solid & Stranded<br>Aluminum: 6 to 2 Stranded | 25 | 100 |
| MC-075 | 3/4" | Copper: 4 to 2 Solid, 4 to 3/0 Stranded<br>Aluminum: 2 to 3/0 Stranded | 25 | 100 |
| MC-100 | 1" | Copper: 1/0 to 250 MCM Stranded<br>Aluminum: 3/0 to 4/0 Compact Stranded | 10 | 40 |

## Mighty-Bond® Enclosure Grounding Couplings



Low cost and easy to use coupling for use with rigid conduit and for securing grounding conductors at the enclosure in accordance with National Electrical Code (NEC) Article 250.8. Selection of conductor size to be made per NEC Article 250.66. Suitable for service entrance grounding. Product advantages include:

- Precision machined brass body with zinc die cast locknut and stainless steel set screw
- Professional installation
- Serrated locknut removes residual paint from box
- Use with rigid metallic or PVC rigid conduit
- Low profile flange on inside of box clearly marked with application guideline for ease in AHJ inspection
- UL Listed for grounding per UL467

Patent Pending.

File No. E20412

### Brass

| Catalog Number | Trade Size | AWG Wire Capacity | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| MCC-050 | 1/2" | Copper: 8 to 2 Solid & Stranded<br>Aluminum: 6 to 2 Stranded | 25 | 100 |
| MCC-075 | 3/4" | Copper: 4 to 2 Solid, 4 to 3/0 Stranded<br>Aluminum: 2 to 3/0 Stranded | 25 | 100 |
| MCC-100 | 1" | Copper: 1/0 to 250 MCM Stranded<br>Aluminum: 3/0 to 4/0 Compact Stranded | 10 | 40 |

## Mighty-Bond® Raintight Grounding and Bonding Hubs



MCH-075 MCH-100

Raintight Grounding and Bonding Hubs provide a listed method of bonding between ground electrode conductors (GEC), grounded conductors, bonding jumpers, and boxes, devices or enclosures.

The MCH is listed for use in wet locations. When connected to rigid metal conduit, the MCH will also function as a raceway bonding hub, yoke or choke. Setting the conductor set screw bonds the MCH to the raceway, the bonding or grounding conductor, and to the enclosure without the need for an external lug. Note: Not for use in concentric knock-outs.

ETL Listed

### Brass

| Catalog Number | Trade Size | Conductor Range | Max O.D. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| MCH-075 | 3/4" | 6 to 4/0 AL/CU | .550 | 10 | 40 |
| MCH-100 | 1" | 2 to 350 MCM AL/CU | .720 | 1 | 10 |

## Mighty-Bond® Intersystem Bonding Bridge with Enclosure Grounding Coupling Kit



Intersystem Bonding Bridge with Enclosure Grounding Coupling is used for securing and bonding ground electrode conductors to the enclosure in accordance with the National Electrical Code (NEC) Article 250. The MBG-050 and MBG-075 are also designed to connect the raceway of the ground electrode conductor to the enclosure while providing three accessible intersystem bonding termination points. Saves installation time! Patented.

UL File No. E20412

### Brass

| Catalog Number | Trade Size | AWG Wire Capacity | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| MBG-050 | 1/2" | Copper: 8 to 2 Solid & Stranded<br>Aluminum: 6 to 2 Stranded | 5 | 50 |
| MBG-075 | 3/4" | Copper: 4 to 2 Solid, 4 to 3/0 Stranded<br>Aluminum: 2 to 3/0 Stranded | 5 | 50 |

## Rebar Ground Clamps - Direct Burial Type




For making connection with copper wire to ground water pipe or rebar. All materials contain minimum of 80% copper.

Clamps meet both UL and NEC requirements for burial in earth or embedment in concrete.

File No. E20412

### Bronze

| Catalog Number | Ground Pipe Size | Rebar Size | Ground Wire Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| RB-16 | 1/2" - 1" | 3/8" - 1" | 10 Solid to 2 Standard | 20 | 200 |
| RB-17 | 1/2" - 1" | 3/8" - 1" | 10 Solid to 2 Standard | 20 | 200 |

## Mighty-Bond® Direct Burial Single Bolt Grounding Clamps



Designed for the grounding and bonding of electrical and plumbing systems. The SDB series are constructed of bronze and assembled with stainless steel hardware and are available in three distinct styles: lay-in lug, copper lug and enclosed style. The SDB series are listed for attachment to EMT, rigid conduit raceways and steel and copper water piping systems. Patent Pending.

File No. E20412

### Brass

| Catalog Number | Conduit or Water Pipe Size | Lug Type | Conductor Range | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| SDB-1300B | 1/2" - 1" | Copper | 4 to 14 AWG Copper Only | 20 | 100 |
| SDB-1301B | 1/2" - 1" | Lay-in lug | 2 to 10 AWG Copper Only | 20 | 100 |
| SDB-1302B | 1/2" - 1" | Closed Lug | 2 to 10 AWG Copper Only | 20 | 100 |

## Switch Box Supports



Used to support switch box in wallboard; installed in pairs.

### Steel

| Catalog Number | Unit Qty. | Std. Pkg. |
|---|---|---|
| 722 | 100 | 1000 |

## One Hole Service Entrance Straps



Used to support oval service entrance cable, types SE and SEU, to mounting surface.

### Zinc Plated Steel

| Catalog Number | SE / SEU Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 881-SE | 3, 8, 6, 4 | 100 | 1000 |
| 882-SE | 3, 3, 2 | 100 | 1000 |
| 883-SE | 3, 1, 0, 1/0, 2/0 | 50 | 500 |
| 884-SE | 3/0, 4/0 | 50 | 500 |

## One Hole Straps



Snap-on type strap used to support AC/MC cable.

c UL us File No. E161206

### Steel

| Catalog Number | AC/MC Cable Range Min. | Max. | Unit. Qty. | Std. Qty. |
|---|---|---|---|---|
| 890-MC | 14/2 (.475") | 12/2 (.525") | 100 | 1000 |
| 891-MC | 14/3 (.540") | 12/3 (.590") | 100 | 1000 |

## AC/MC Cable Bracket



Positions AC/MC cables. Galvanized steel construction. Convenient slot and hole for attaching to stud with nails or screws.

c UL us File No. E161206

### Steel

| Catalog Number | AC/MC Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 895-MC | (4) 14/2 | (4) 12/3 | 50 | 500 |

## One Hole Pipe Straps



Malleable/Aluminum

Used to support rigid conduit and IMC to mounting surface.

c UL us File No. E161206: 901 thru 913

CSA File No. LR39354: 900 thru 912

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 900 | 3/8" | 100 | 1000 | 906 | 2" | --- | 25 |
| 901 | 1/2" | 100 | 1000 | 907 | 2 1/2" | --- | 25 |
| 902 | 3/4" | --- | 100 | 908 | 3" | --- | 10 |
| 903 | 1" | --- | 100 | 909 | 3 1/2" | --- | 10 |
| 904 | 1 1/4" | --- | 50 | 910 | 4" | --- | 10 |
| 905 | 1 1/2" | --- | 50 | 912 | 5" | --- | 5 |
| | | | | 913 | 6" | --- | 5 |

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 901-AL | 1/2" | 100 | 1000 | 904-AL | 1 1/4" | --- | 50 |
| 902-AL | 3/4" | --- | 100 | 905-AL | 1 1/2" | --- | 50 |
| 903-AL | 1" | --- | 100 | 906-AL | 2" | --- | 25 |

## One Hole Straps



Snap-on type strap used to support flexible metal conduit or AC/MC cable.

c UL us File No. E161206

### Steel

| Catalog Number | Flex Trade Size | AC/MC Cable Range Min. | Max. | Unit. Qty. | Std. Qty. |
|---|---|---|---|---|---|
| 900-F | 3/8" | 12/4 (.560") | 10/3 (.610") | 100 | 1000 |

## One Hole Pipe Straps



Steel

Used to support rigid conduit and IMC to mounting surface.

UL File No. E161206: 904-S thru 908-S and 910-S

CSA File No. LR39354

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 901-S | 1/2" | 50 | 500 | 906-S | 2" | --- | 25 |
| 902-S | 3/4" | 50 | 500 | 907-S | 2 1/2" | --- | 25 |
| 903-S | 1" | 50 | 200 | 908-S | 3" | --- | 25 |
| 904-S | 1 1/4" | 25 | 100 | 909-S | 3 1/2" | --- | 10 |
| 905-S | 1 1/2" | 25 | 100 | 910-S | 4" | --- | 10 |

## Rigid Nail Straps



Used to secure rigid conduit and IMC to wood.

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 901-NS | 1/2" | 100 | 1000 |
| 902-NS | 3/4" | 100 | 1000 |
| 903-NS | 1" | 100 | 1000 |

## One Hole EMT Straps



Malleable



Steel

Used to support EMT to mounting surface.

c UL us File No. E161206: 907 thru 910; 921 thru 925

UL File No. E161206: 907-S thru 910-S; 924-S thru 925-S

CSA File No. LR39354: 907 thru 910; 907-S thru 910-S; 920-S thru 925-S

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 920 | 1/2" | 100 | 1000 |
| 921 | 3/4" | 50 | 500 |
| 922 | 1" | 50 | 500 |
| 923 | 1 1/4" | --- | 100 |
| 924 | 1 1/2" | --- | 100 |
| 925 | 2" | --- | 50 |

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 907 | 2 1/2" | --- | 25 |
| 908 | 3" | --- | 10 |
| 909 | 3 1/2" | --- | 10 |
| 910 | 4" | --- | 10 |

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 920-S | 1/2" | 100 | 1000 |
| 921-S | 3/4" | 100 | 500 |
| 922-S | 1" | 50 | 500 |
| 923-S | 1 1/4" | --- | 100 |
| 924-S | 1 1/2" | --- | 100 |
| 925-S | 2" | --- | 50 |

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 907-S | 2 1/2" | --- | 25 |
| 908-S | 3" | --- | 25 |
| 909-S | 3 1/2" | --- | 10 |
| 910-S | 4" | --- | 10 |

## EMT Nail Straps



Nail type strap used to support EMT to mounting surface.

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 920-NS | 1/2" | 100 | 1000 |
| 921-NS | 3/4" | 100 | 1000 |
| 922-NS | 1" | 100 | 1000 |

## Aluminum - Service Entrance Cable One Hole Straps



Used to support oval service entrance cable to mounting service.

c UL us File No. E30211709

### Aluminum

| Catalog Number | SE / SEU Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 933 | 3 - 2 to 3 | --- | 200 |
| 934 | 3 - 1/0 | --- | 200 |
| 935 | 3 - 2/0 | --- | 100 |
| 936 | 3 - 3/0 to 4/0 | --- | 100 |

## Clamp Backs



Provides space between conduit and mounting surface, for use with malleable or aluminum straps.

c UL us File No. E161206: 941 thru 950; 9951 thru 9952

### Malleable Iron

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 941 | 1/2" | 50 | 250 | 947 | 2 1/2" | 2 | 10 |
| 942 | 3/4" | 50 | 250 | 948 | 3" | 2 | 10 |
| 943 | 1" | 25 | 100 | 949 | 3 1/2" | --- | 5 |
| 944 | 1 1/4" | 20 | 100 | 950 | 4" | --- | 5 |
| 945 | 1 1/2" | 10 | 100 | 9951 | 5" | --- | 5 |
| 946 | 2" | 5 | 50 | 9952 | 6" | --- | 5 |

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 941-AL | 1/2" | 50 | 250 | 944-AL | 1 1/4" | 20 | 100 |
| 942-AL | 3/4" | 50 | 250 | 945-AL | 1 1/2" | 10 | 100 |
| 943-AL | 1" | 25 | 100 | 946-AL | 2" | 5 | 50 |

## Insulator Support Beam Clamps



951



951-S

Single screw beam clamp insulator support with two threaded holes.

c UL us File No. E161206: 951 thru 954

### Malleable Iron

| Catalog Number | Size | Tap Size (UNC) | Approx. Jaw Opening | Max. Load Lbs. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 951 | 1" | 1/4 - 20 | 3/4" | 125 | 25 | 100 |
| 952 | 1 1/2" | 5/16 - 18 | 11/16" | 300 | --- | 50 |
| 953 | 2" | 3/8 - 16 | 7/8" | 300 | --- | 50 |
| 954 | 2 1/2" | 1/2 - 13 | 1" | 300 | --- | 25 |

### Steel

| Catalog Number | Size | Tap Size (UNC) | Approx. Jaw Opening | Max. Load Lbs. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 951-S | 1" | 1/4 - 20 | 3/4" | 75 | 25 | 100 |
| 953-S | 2" | 3/8 - 16 | 7/8" | 200 | --- | 50 |

## Conduit Clamps




Used to secure conduit perpendicular to beam or channel.
For rigid and IMC conduit.

c UL us File No. E161206: All except 989 and 990

### Malleable Iron - Right Angle Type

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 961 | 1/2" | 10 | 50 | 966 | 2" | 5 | 25 |
| 962 | 3/4" | 10 | 50 | 967 | 2 1/2" | 5 | 25 |
| 963 | 1" | 10 | 50 | 968 | 3" | 5 | 25 |
| 964 | 1 1/4" | 10 | 50 | 969 | 3 1/2" | 5 | 25 |
| 965 | 1 1/2" | 5 | 25 | 970 | 4" | 1 | 15 |

### Malleable Iron - Edge Type

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 971 | 1/2" | 10 | 50 | 975 | 1 1/2" | 5 | 25 |
| 972 | 3/4" | 10 | 50 | 976 | 2" | 5 | 25 |
| 973 | 1" | 10 | 50 | 977 | 2 1/2" | 5 | 25 |
| 974 | 1 1/4" | 10 | 50 | 978 | 3" | 5 | 25 |

### Malleable Iron - Parallel Type

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 981 | 1/2" | 10 | 50 | 986 | 2" | 5 | 25 |
| 982 | 3/4" | 10 | 50 | 987 | 2 1/2" | 5 | 25 |
| 983 | 1" | 10 | 50 | 988 | 3" | 5 | 25 |
| 984 | 1 1/4" | 10 | 50 | 989 | 3 1/2" | 5 | 25 |
| 985 | 1 1/2" | 5 | 25 | 990 | 4" | 1 | 15 |

## Two Hole
## Service Entrance Straps



Used to support oval service entrance cable, types SE and SEU, to mounting surface.

### Zinc Plated Steel

| Catalog Number | SE / SEU Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1881-SE | 3 - 8, 6, 4 | 100 | 1000 |
| 1882-SE | 3 - 3, 2 | 50 | 500 |
| 1883-SE | 3 - 1, 0, 1/0, 2/0 | 50 | 500 |
| 1884-SE | 3 - 3/0, 4/0 | 50 | 500 |

## Two Hole Rigid Pipe Straps



Used to secure rigid conduit or IMC.

c UL us File No. E161206: 1907 thru 1910

CSA File No. LR39354

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1901 | 1/2" | 250 | 2500 | 1906 | 2" | 25 | 250 |
| 1902 | 3/4" | 150 | 1500 | 1907 | 2 1/2" | 25 | 100 |
| 1903 | 1" | 100 | 1000 | 1908 | 3" | 20 | 80 |
| 1904 | 1 1/4" | 50 | 500 | 1909 | 3 1/2" | 15 | 60 |
| 1905 | 1 1/2" | 50 | 500 | 1910 | 4" | 10 | 40 |

## Two Hole EMT Pipe Straps



Used to support EMT to mounting surface.

c UL us File No. E161206: 1907 thru 1910

CSA File No. LR39354: 1920 thru 1925

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|---|
| 1907 | 2 1/2" | 25 | 100 | 1920 | 1/2" | 250 | 2500 |
| 1908 | 3" | 20 | 80 | 1921 | 3/4" | 200 | 2000 |
| 1909 | 3 1/2" | 15 | 60 | 1922 | 1" | 100 | 1000 |
| 1910 | 4" | 10 | 40 | 1923 | 1 1/4" | 50 | 500 |
| | | | | 1924 | 1 1/2" | 50 | 500 |
| | | | | 1925 | 2" | 25 | 250 |

## Conduit Hangers With Bolt & Nut



Used to secure EMT or rigid conduit to threaded rod, insulator supports, or directly to mounting surface.

### Zinc Plated 304 Stainless Steel

| Catalog Number | Trade Size | Rigid Size | EMT Size | Std. Pkg. |
|---|---|---|---|---|
| 2100-S | 0 | 3/8" & 1/2" | 1/2" | 100 |
| 2110-S | 1 | 3/4" | 3/4" | 100 |
| 2120-S | 2 | 1" | 1" | 100 |
| 2125-S | 2 1/2 | --- | 1 1/4" | 50 |
| 2130-S | 3 | 1 1/4" | 1 1/2" | 50 |
| 2140-S | 4 | 1 1/2" | --- | 50 |
| 2150-S | 5 | 2" | 2" | 50 |
| 2160-S | 6 | 2 1/2" | 2 1/2" | 25 |
| 2170-S | 7 | 3" | 3" | 25 |
| 2180-S | 8 | 3 1/2" | 3 1/2" | 10 |
| 2190-S | 9 | 4" | 4" | 10 |

## Conduit Hangers



Used to secure EMT or rigid conduit to threaded rod, insulator supports, or directly to mounting surface. 2100-BN thru 2140-BN come with carriage bolt and nut. All others have 2-way slotted/Phillips bolt with integral threads.

c UL us File No. E161206

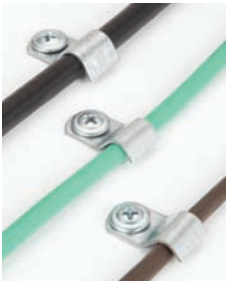
### Zinc Plated Steel with Bolt

| Catalog Number | Trade Size | Rigid Size | EMT Size | Std. Pkg. |
|---|---|---|---|---|
| 2100 | 0 | 3/8" & 1/2" | 1/2" | 100 |
| 2110 | 1 | 3/4" | 3/4" | 100 |
| 2120 | 2 | 1" | 1" | 100 |
| 2125 | 2 1/2 | --- | 1 1/4" | 50 |
| 2130 | 3 | 1 1/4" | 1 1/2" | 50 |
| 2140 | 4 | 1 1/2" | --- | 50 |

### Zinc Plated Steel with Bolt & Nut

| Catalog Number | Trade Size | Rigid Size | EMT Size | Std. Pkg. |
|---|---|---|---|---|
| 2100-BN | 0 | 3/8" & 1/2" | 1/2" | 100 |
| 2110-BN | 1 | 3/4" | 3/4" | 100 |
| 2120-BN | 2 | 1" | 1" | 100 |
| 2125-BN | 2 1/2 | --- | 1 1/4" | 50 |
| 2130-BN | 3 | 1 1/4" | 1 1/2" | 50 |
| 2140-BN | 4 | 1 1/2" | --- | 50 |
| 2150 | 5 | 2" | 2" | 50 |
| 2160 | 6 | 2 1/2" | 2 1/2" | 25 |
| 2170 | 7 | 3" | 3" | 25 |
| 2180 | 8 | 3 1/2" | 3 1/2" | 10 |
| 2190 | 9 | 4" | 4" | 10 |

## Tubing and Coaxial Straps



Used to support tubing and coaxial cable to mounting surface.

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| CC-25 | 1/4" | 100 | 1000 |
| CC-31 | 5/16" | 100 | 1000 |
| CC-37 | 3/8" | 100 | 1000 |

## Cable Supports



NMCB-1



NMCB-3

NMCB-1 positions and supports nonmetallic and AC/MC cable. Also suitable for use with low voltage cabling to 3/8" diameter. Furnished with (2) No. 8 screws for use on wood or steel stud. Complies with NEC Articles 300.4(D) and 320.23(B). Patented.

NMCB-3 is provided with nails for use on wood studs or 3/4" thick furring strips to position and support AC/MC cables. May also be attached to metal studs or enclosures, or concrete block with No. 6 round head screws. Mounts in either horizontal or vertical direction. Low profile design and unique dimpled slots prevent accidental removal of cables. Patented.

c(UL) File No. E161206

### Polypropylene

| Catalog Number | Cable Range Min. | Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| NMCB-1 | (6) 14/2 | (6) 10/3 NM-B | 25 | 100 |
| | | Or | | |
| | (4) 14/2 | (4) 12/2 AC/MC | | |
| NMCB-3 | (5) 14/2 | (5) 10/3 AC/MC | 25 | 100 |

## Cable Supports



NMCB-2 is provided with a nail for use on wood studs or 3/4" thick furring strips to position nonmetallic sheath cable. Capable of positioning nonmetallic cables in each of three rectangular slots. May also be used with low voltage cable. Low profile design and unique self-locking fingers prevent accidental removal of cables. Grooved nail for extra gripping with stud. Patented.

c(UL) File No. E161206

### Polypropylene

| Catalog Number | Nonmetallic Cable Range | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| NMCB-2 | (1) 14/2 (1) 10/3 (in each slot) (2) 14/2 (in each slot) | 25 | 100 |

## Mighty-Hold® Universal Straps



For AC/MC/MCI-A cable and flexible metal conduit. Supports multiple sizes. Patented.

c(UL)us File No. E161206

### Steel

| Catalog Number | Hole Size | Flex Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| US-4461 | .210" | 3/8" | 12/2 (.425") | 10/3 (.61") | 100 | 1000 |

## Mighty-Hold® Universal Straps



For PVC jacketed steel MCI-A cable. Suitable for use in wet locations. Supports multiple sizes. Stainless Steel. Patented.

c UL us File No. E161206

### Stainless Steel

| Catalog Number | Hole Size | Cable Range Min. | Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| USS-6171 | .210" | 12/2 (.55") | 10/3 (.71") | 100 | 1000 |

## Mighty-Hold® Universal Clamp Straps

NEW



UCS-5075



UCS-75100

One piece clamp back and strap secures both cable and conduit. The UCS-5075 secures 1/2" and 3/4" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable.

The UCS-75100 secures 3/4" and 1" EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Patent Pending.

c UL us File No. E161206

### Zinc Plated Steel

| Catalog Number | Trade Size | AC/MC Cable Range Min. | AC/MC Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| UCS-5075 | 1/2" - 3/4" | .710" | 1.10" | 25 | 100 |
| UCS-75100 | 3/4" - 1" | .925" | 1.32" | 25 | 100 |

## Grounding Hubs



Used to secure threaded rigid service entrance conduit to box or enclosure. The locknut has an attached lug that allows for installation of a ground wire. Listed for use in wet locations.

NEW

c ETL us Listed

### Zinc Die Cast

| Catalog Number | K.O. Size | Lug Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 166-DCG | 2" | 14 to 1/0 | 2 | 20 |
| 167-DCG | 2 1/2" | 14 to 1/0 | 1 | 10 |
| 168-DCG | 3" | 14 to 1/0 | 1 | 5 |
| 169-DCG | 3 1/2" | 6 to 3/0 | 1 | 5 |
| 170-DCG | 4" | 6 to 3/0 | 1 | 5 |

## Two Screw Strap Type Connectors



Round Cable



Oval Cable

Used for connecting round or oval service cable to box or enclosure.

UL File No. E15123 SP File No. LR39354: 660-DC2, 670-DC2

### Zinc Die Cast - Round Cable

| Catalog Number | K.O. Size | Round Service Cable Range Min. | Round Service Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 660-DC2 | 3/4" | .680" | .800" | 25 | 250 |
| 662-DC2 | 1" | .850" | 1.000" | 10 | 100 |
| 664-DC2 | 1 1/4" | 1.090" | 1.300" | 10 | 100 |
| 665-DC2 | 1 1/2" | 1.187" | 1.490" | --- | 25 |
| 666-DC2 | 2" | 1.750" | 1.950" | --- | 25 |

### Zinc Die Cast - Oval Cable

| Catalog Number | K.O. Size | Oval Service Cable Range Height | Oval Service Cable Range Width | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|
| 670-DC2 | 3/4" | .437" | .625" | 25 | 250 |
| 672-DC2 | 1" | .500" | .750" | 10 | 100 |
| 674-DC2 | 1 1/4" | .625" | 1.062" | 10 | 100 |
| 675-DC2 | 1 1/2" | .750" | 1.250" | --- | 25 |
| 676-DC2 | 2" | 1.062" | 1.625" | --- | 25 |

## Watertight Service Entrance Cable Connectors



Compression type connector which provides watertight seal around service entrance cable.

### Zinc Die Cast

| Catalog Number | K.O. Size | Grommet Opening Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 763-4 | 1" | .520" x .840" | 10 | 100 |
| 763-6 | 1" | .440" x .700" | 10 | 100 |
| 763-8 | 1" | .406" x .688" | 10 | 100 |
| 764-2 | 1 1/4" | .600" x 1.000" | 5 | 50 |
| 764-2N | 1 1/4" | .665" x 1.094" | 5 | 50 |
| 764-3 | 1 1/4" | .560" x .950" | 5 | 50 |
| 765-2 | 1 1/2" | .865" x 1.325" | --- | 25 |
| 765-3 | 1 1/2" | .875" x 1.375" | --- | 25 |
| 766-2 | 2" | .860" x 1.340" | --- | 10 |
| 766-3 | 2" | .870" x 1.370" | --- | 10 |
| 766-4 | 2" | .900" x 1.500" | --- | 10 |
| 766-4N | 2" | 1.100" x 1.750" | --- | 10 |

## One & Two Hole Service Entrance Straps



881-SE thru 884-SE



1881-SE thru 1884-SE

Used to support oval service entrance cable, types SE and SEU, to mounting surface.

### Zinc Plated Steel - One Hole Straps

| Catalog Number | SE / SEU Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 881-SE | 3, 8, 6, 4 | 100 | 1000 |
| 882-SE | 3, 3, 2 | 100 | 1000 |
| 883-SE | 3, 1, 0, 1/0, 2/0 | 50 | 500 |
| 884-SE | 3/0, 4/0 | 50 | 500 |

### Zinc Plated Steel - Two Hole Straps

| Catalog Number | SE / SEU Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1881-SE | 3 - 8, 6, 4 | 100 | 1000 |
| 1882-SE | 3 - 3, 2 | 50 | 500 |
| 1883-SE | 3 - 1, 0, 1/0, 2/0 | 50 | 500 |
| 1884-SE | 3 - 3/0, 4/0 | 50 | 500 |

## Aluminum - Service Entrance Cable One Hole Straps



Used to support oval service entrance cable to mounting service.

### Aluminum

| Catalog Number | SE / SEU Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 933 | 3 - 2 to 3 | --- | 200 |
| 934 | 3 - 1/0 | --- | 200 |
| 935 | 3 - 2/0 | --- | 100 |
| 936 | 3 - 3/0 to 4/0 | --- | 100 |

## Sill Plates



When used with sealing compound,
sill plates prevent water from entering structure.

### Aluminum
### with Screws and Sealing Compound

| Catalog Number | Service Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 938-C | 3 - 2 | 10 | 100 |
| 939-C | 3 - 1/0 to 2/0 | --- | 5 |
| 940-C | 3 - 3/0 to 4/0 | --- | 5 |

### PVC without Screws
### and Sealing Compound

| Catalog Number | Service Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 938-PVC | 3 - 4 to 3 - 0 | 10 | 100 |

## Service Entrance LB



Allows access to the interior of a conduit
system for inspection, pulling and maintenance.
Mounts flush against structure, raintight.

UL File No. E11077

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1025 | 1/2" | 5 | 50 |
| 1026 | 3/4" | 5 | 50 |
| 1027 | 1" | --- | 20 |
| 1028 | 1 1/4" | --- | 10 |
| 1029 | 1 1/2" | --- | 5 |
| 1030 | 2" | --- | 4 |
| 1028-XL | 1 1/4" | --- | 10 |
| 1030-XL | 2" | 1 | 6 |

## Entrance Caps - Threaded Type



Threaded type entrance cap for rigid conduit or IMC.

(UL) File No. E11259: 1201 thru 1210

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1201 | 1/2" | 5 | 50 |
| 1202 | 3/4" | 5 | 50 |
| 1203 | 1" | 2 | 20 |
| 1204 | 1 1/4" | --- | 10 |
| 1205 | 1 1/2" | --- | 5 |
| 1206 | 2" | --- | 5 |
| 1207 | 2 1/2" | --- | 1 |
| 1208 | 3" | --- | 1 |
| 1209 | 3 1/2" | --- | 1 |
| 1210 | 4" | --- | 1 |
| 1211 | 5" | --- | 1 |
| 1212 | 6" | --- | 1 |

Entrance Cap Hole Sizes:

1201: 4 holes 5/16" dia.
1202: 2 holes 3/8" dia., 3 holes 7/16" dia.
1203: 2 holes 7/16" dia., 3 holes 5/8" dia.
1204: 2 holes 7/16" dia., 3 holes 5/8" dia.
1205: 1 hole 7/16" dia., 2 holes 5/8" dia., 3 holes 3/4" dia.
1206: 1 hole 9/16" dia., 2 holes 3/4" dia., 3 holes 1" dia.
1207: 1 hole 1" dia., 3 holes 7/8" dia., 3 holes 1 5/16" dia.
1208: 3 holes 1 3/4" dia., 4 holes 1 1/8" dia.
1209: 3 holes 1 3/4" dia., 4 holes 1 1/8" dia.
1210: 3 holes 1 3/4" dia., 4 holes 1 1/8" dia.
1211: 4 holes 1 3/4" dia., 2 holes 1 1/8" dia.
1212: 4 holes 1 3/4" dia., 2 holes 1 1/8" dia.

## Entrance Caps For Oval Service Entrance Cable



Entrance cap for use with oval service entrance cable.

UL File No. E15123

### Zinc Die Cast

| Catalog Number | Oval Service Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1220 | 3 - 2 | 5 | 50 |

### Aluminum

| Catalog Number | Oval Service Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1221 | 3 - 1/0 to 3 - 4/0 | --- | 10 |

Entrance Cap Hole Sizes:
1220: 2 holes 9/16" dia.
1221: 2 holes 25/32" dia.

## Entrance Caps For Oval Service Entrance Cable



Electrical grade rigid PVC entrance cap with galvanized steel mounting bracket and strap for use with oval service entrance cable.

UL File No. E15123

### PVC

| Catalog Number | Oval Service Cable Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1240-PVC | 2 - 8, 6, 4, 2 | 5 | 50 |
| 1241-PVC | 2 - 1/0, 2/0 | --- | 10 |
| 1242-PVC | 2 - 3/0, 4/0 | --- | 10 |

## Entrance Caps - Mast Type



Slip-fit screw type entrance cap for rigid conduit or IMC.

File No. E11259

### Aluminum / Phenolic Insulator

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1246-MT | 2" Conduit, 1 1/4" Cap | --- | 10 |
| 1257-MT | 2 1/2" Conduit, 2" Cap | --- | 5 |

Entrance Cap Hole Sizes:

1246-MT: 2 holes 7/16" dia., 3 holes 5/8" dia.

1257-MT: 1 hole 9/16" dia., 2 holes 3/4" dia., 3 holes 1" dia.

## Entrance Caps - Clamp-On Type



Clamp type entrance cap for rigid conduit and IMC.

File No. E11259

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1251 | 1/2" | 5 | 50 |
| 1252 | 3/4" | 5 | 50 |
| 1253 | 1" | --- | 20 |
| 1254 | 1 1/4" | --- | 10 |
| 1255 | 1 1/2" | --- | 5 |
| 1256 | 2" | --- | 5 |
| 1257 | 2 1/2" | --- | 1 |
| 1258 | 3" | --- | 1 |
| 1259 | 3 1/2" | --- | 1 |
| 1260 | 4" | --- | 1 |

Entrance Cap Hole Sizes:

1251: 4 holes 5/16" dia.
1252: 2 holes 3/8" dia., 3 holes 7/16" dia.
1253: 2 holes 7/16" dia., 3 holes 1/2" dia.
1254: 2 holes 7/16" dia., 3 holes 5/8" dia.
1255: 1 hole 7/16" dia., 2 holes 5/8" dia., 3 holes 3/4" dia.
1256: 1 hole 9/16" dia., 2 holes 3/4" dia., 3 holes 1" dia.
1257: 1 hole 1" dia., 3 holes 7/8" dia., 3 holes 1 5/16" dia.
1258: 3 holes 1 3/4" dia., 4 holes 1 1/8" dia.
1259: 3 holes 1 3/4" dia., 4 holes 1 1/8" dia.
1260: 3 holes 1 3/4" dia., 4 holes 1 1/8" dia

## PVC Entrance Heads



PVC entrance head for mounting on PVC, rigid, IMC or EMT. Removable EMT adapter sleeve and no-turn square nut allow for fast installation.

File No. E9391

File No. LR74878

### PVC

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1251-PVC | 1/2" | 5 | 50 |
| 1252-PVC | 3/4" | 5 | 50 |
| 1253-PVC | 1" | --- | 20 |
| 1254-PVC | 1 1/4" | --- | 10 |
| 1255-PVC | 1 1/2" | --- | 5 |
| 1256-PVC | 2" | --- | 5 |

## Entrance Caps - Set Screw Type



Set screw type entrance cap for rigid conduit or IMC.
1257-S thru 1260-S also listed for use with EMT.
1253-S thru 1255-S - comes with one screw.
1256-S thru 1260-S - comes with two screws.

UL File No. E11259

### Aluminum / Phenolic Insulator

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1253-S | 1" | --- | 20 |
| 1254-S | 1 1/4" | --- | 10 |
| 1255-S | 1 1/2" | --- | 5 |
| 1256-S | 2" | --- | 5 |
| 1257-S | 2 1/2" | --- | 1 |
| 1258-S | 3" | --- | 1 |
| 1259-S | 3 1/2" | --- | 1 |
| 1260-S | 4" | --- | 1 |

Entrance Cap Hole Sizes:

1253-S: 2 holes 7/16" dia., 3 holes 1/2" dia.
1254-S: 2 holes 7/16" dia., 3 holes 5/8" dia.
1255-S: 1 hole 7/16" dia., 2 holes 5/8" dia., 3 holes 3/4" dia.
1256-S: 1 hole 9/16" dia., 2 holes 3/4" dia., 3 holes 1" dia.
1257-S: 1 hole 1" dia., 3 holes 7/8" dia., 3 holes 1 5/16" dia.
1258-S: 3 holes 1 3/4" dia., 4 holes 1 1/8" dia.
1259-S: 3 holes 1 3/4" dia., 4 holes 1 1/8" dia.
1260-S: 2 holes 1 1/8" dia., 4 holes 1 3/4" dia.

## Mast Kits



Service entrance mast kits provide an assortment of mast components for installing overhead service drops. Use for both residential and commercial buildings that utilize conduit.

| Catalog Number | Description Contents | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| MK-10020 | 2" Service Entrance Kit (125-150-200 AMP)<br>• Service Head (Cat 1256)<br>• Roof Flashing (Cat RF-200)<br>• Porcelain Wire Holder (Cat MWH-1)<br>• 2" Rigid Pipe Strap (2 pcs.) (Cat 1906) | --- | 1 |
| MK-20025 | 2-1/2" Service Entrance Kit (125-150-200 Amp)<br>• Service Head (Cat 1257-MT)<br>• Roof Flashing (Cat RF-250)<br>• Conduit Support (2 pcs)<br>• Porcelain Wire Holder (Cat MWH-1) | --- | 1 |
| MK-20025R | 2-1/2" Service Entrance Kit (125-150-200 Amp)<br>• Service Head (Cat 1257-MT)<br>• Porcelain Wire Holder (Cat MWH-1)<br>• Roof Flashing (Cat RF-250)<br>• Conduit Support (2 pcs)<br>• Bottom Reducer | --- | 1 |

## Mogul Conduit Bodies



MLB-44 THROUGH MLB-46



MLB-47 THROUGH MLB-50

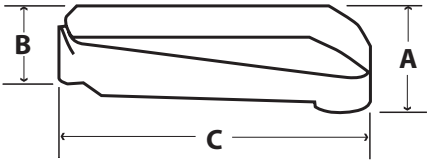
Allows larger access to the inside of a raceway for wire pulling. Raintight.

File No. E11077

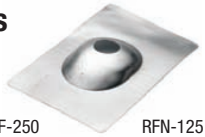
File No. E11077: MLB-47 thru MLB-50

### Aluminum

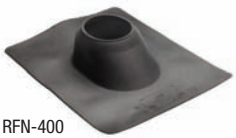
| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. | Dim A | Dim B | Dim C |
|---|---|---|---|---|---|---|
| MLB-44 | 1 1/4" | --- | 5 | 3 1/2" | 3" | 9 1/2" |
| MLB-45 | 1 1/2" | --- | 2 | 5 1/8" | 4" | 14 1/2" |
| MLB-46 | 2" | --- | 2 | 5 1/8" | 4" | 14 1/2" |
| MLB-47 | 2 1/2" | --- | 1 | 10 1/2" | 8 11/16" | 22 3/4" |
| MLB-48 | 3" | --- | 1 | 10 1/2" | 8 11/16" | 22 3/4" |
| MLB-49 | 3 1/2" | --- | 1 | 12" | 10" | 29 1/8" |
| MLB-50 | 4" | --- | 1 | 12" | 10" | 29 1/8" |



## Roof Flashings



RF-125 thru RF-250



RFN-125 thru RFN-400

Galvanized – for use with galvanized, plastic, or cast iron electrical service mast. Fits flats to 40º. Neoprene – for use with copper, cast iron, galvanized, or plastic pipe. Fits up to 45º angle, not recommended for hot-mopped or built-up roofs.

### Galvanized

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| RF-125 | 1 1/4" | --- | 25 |
| RF-150 | 1 1/2" | --- | 25 |
| RF-200 | 2" | --- | 25 |
| RF-250 | 2 1/2" | --- | 25 |

### Neoprene

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| RFN-125 | 1 1/4"-1 1/2" | --- | 12 |
| RFN-200 | 2" | --- | 12 |
| RFN-250 | 2 1/2" | --- | 12 |
| RFN-300 | 3" | --- | 12 |
| RFN-400 | 4" | --- | 12 |

## Porcelain Wire Holders



RWH-1



MWH-1

RWH-1: Reinforced type wire holder with 3/8" lag screw 2 1/2" long.
MWH-1: Clamp-on adjustable wire holder for 1 1/4", 1 1/2", 2", 2 1/2" and 3" service entrance mast.

### Porcelain

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| RWH-1 | --- | --- | 50 |
| MWH-1 | 1 1/4" - 3" | --- | 20 |

## Wedge Grip Clamps



For reducing strain and sagging of overhead type ACSR service entrance cables. Place service entrance cable into shell, slide wedge forward and secure in place. Hook stainless steel bail onto lag, or similar mounting device, on building structure. Maximum load is 1000 lbs.

### Aluminum

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| WGC-1 | 6 - 4 | 25 | 100 |
| WGC-2 | 4 - 1/0 | 10 | 40 |
| WGC-3 | 2/0 - 4/0 | 10 | 40 |

## Service Entrance Kits

Service entrance kits provide an assortment of components for electrical service installation.

NEW



SE-KIT200

| Catalog Number | Description | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SE-KIT100 | 100 Amp SE Cable Kit<br>• Service Head (1240-PVC)<br>• Water Tight Connector (764-2N)<br>• Duct Seal (DS-100)<br>• Sill Plate (938-C)<br>• (2) SE Connectors (674-DC2)<br>• (12) 1 Hole Straps (882-SE)<br>• (2) Ground Clamps (1308-DC)<br>• (2) Ground Rod Clamps (GRC-63) | --- | 1 |
| SE-KIT200 | 200 Amp SE Cable Kit<br>• Service Head (1242)<br>• Water Tight Connector (766-3)<br>• Duct Seal (DS-100)<br>• Sill Plate (940-C)<br>• (2) SE Connectors (676-DC2)<br>• (10) 2 Hole Straps (1884-SE)<br>• (2) Ground Clamps (1308-DC)<br>• (2) Ground Rod Clamps (GRC-63) | --- | 1 |

## Insulator Support Beam Clamps



951



951-S

Single screw beam clamp insulator support with two threaded holes.

c UL us File No. E161206: 951 thru 954

### Malleable Iron

| Catalog Number | Size | Tap Size (UNC) | Approx. Jaw Opening | Max Load Lbs. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 951 | 1" | 1/4 - 20 | 3/4" | 125 | 25 | 100 |
| 952 | 1 1/2" | 5/16 - 18 | 11/16" | 300 | --- | 50 |
| 953 | 2" | 3/8 - 16 | 7/8" | 300 | --- | 50 |
| 954 | 2 1/2" | 1/2 - 13 | 1" | 600 | --- | 25 |

### Steel

| Catalog Number | Size | Tap Size (UNC) | Approx. Jaw Opening | Max Load Lbs. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|---|---|
| 951-S | 1" | 1/4 - 20 | 3/4" | 75 | 25 | 100 |
| 953-S | 2" | 3/8 - 16 | 7/8" | 200 | --- | 50 |

## Knockout Insulating Bushings



Converts metallic box rough edged holes to smooth insulated holes for protection of electrical, voice, data and video cables.

File No. LR24719

File No. E240912: 9791 thru 9796

### Plastic Rated 105°C

| Catalog Number | K.O. | K.O. Dia. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| 9791 | 1/2" | .875" | 100 | 1000 |
| 9792 | 3/4" | 1.109" | 100 | 1000 |
| 9793 | 1" | 1.375" | 50 | 500 |
| 9794 | 1 1/4" | 1.734" | 50 | 500 |
| 9795 | 1 1/2" | 1.984" | 25 | 250 |
| 9796 | 2" | 2.469" | 20 | 100 |
| 9797 | 2 1/2" | 2.969" | 20 | 100 |

## Stud Bushings



Protects wire insulation from abrasion in metal studs. Bushing allows smooth wire pulling. Used for all pre-punched shaped holes.

File No. E11259

### Polypropylene

| Catalog Number | Unit Qty. | Std. Pkg. |
|---|---|---|
| 9882 | 50 | 500 |



## Bridle Rings


BR


BRI


BRW


BRWI

Steel bridle rings provide support for voice, data, or video cables. Open loop end allows easy insertion of cables. Machine thread style for use with beam clamps or other clamping devices. Wood style rings are threaded for easy assembly into pre-drilled holes.

UL File No. E161206: BRI-150, BRI-200, BRWI-150 & BRWI-200

### Zinc Plated Threaded Bridle Rings

| Catalog Number | Trade Size | Thread | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| BR-150 | 1 1/2" | 1/4 - 20 | --- | 100 |
| BR-200 | 2" | 1/4 - 20 | --- | 100 |
| BR-400 | 4" | 1/4 - 20 | --- | 50 |

### Zinc Plated Threaded Bridle Rings / Plastic Insulator

| Catalog Number | Trade Size | Thread | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| BRI-150 | 1 1/2" | 1/4 - 20 | --- | 50 |
| BRI-200 | 2" | 1/4 - 20 | --- | 50 |

### Zinc Plated Bridle Rings For Wood

| Catalog Number | Trade Size | Hole Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| BRW-150 | 1 1/2" | 1/8" | --- | 100 |
| BRW-200 | 2" | 1/8" | --- | 100 |

### Zinc Plated Bridle Rings For Wood / Plastic Insulator

| Catalog Number | Trade Size | Hole Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| BRWI-150 | 1 1/2" | 1/8" | --- | 50 |
| BRWI-200 | 2" | 1/8" | --- | 50 |

## Electrical Box Extender / Insulator



BXE-100



BXE-300

For use with most metallic or nonmetallic electrical boxes to extend box face. Simply slide non-conductive extender into box to correct setbacks up to 1". May also be used as an insulating barrier between metallic box and device. Extender / Insulator does not require trimming and is completely hidden by faceplate. Complies with NEC Article 314.20. Patented.

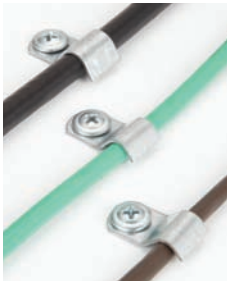
Available in single gang BXE-100, duplex BXE-200 or round BXE-300 configurations.

UL File No. E216710

### PVC

| Catalog Number | Unit Qty. | Std. Pkg. |
|---|---|---|
| BXE-100 | 25 | 100 |
| BXE-200 | --- | 25 |
| BXE-300 | --- | 25 |

## Tubing and Coaxial Straps



Used to support tubing and coaxial cable to mounting surface.

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| CC-25 | 1/4" | 100 | 1000 |
| CC-31 | 5/16" | 100 | 1000 |
| CC-37 | 3/8" | 100 | 1000 |

## Distribution Rings



For support of communication cables. May be mounted in horizontal or vertical position. Enclosed design. All rings have four mounting holes.

### Aluminum

| Catalog Number | Trade Size | Mounting Screw Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| DR-200 | 2" | No. 10 | 10 | 40 |
| DR-300 | 3" | No. 10 | 10 | 20 |
| DR-500 | 5" | No. 10 | --- | 10 |

## Communications / Data Plate Mounting Bracket (Old Work)



Eliminates need for outlet box. Provides mounting base for securing communication or data line face plates. Mounts standard low voltage outlets and plates (Class 2 only). Hardware included.

### Zinc Plated Steel

| Catalog Number | Unit Qty. | Std. Pkg. |
|---|---|---|
| LVB-1 | 10 | 100 |

## Cable Supports



NMCB-1

Positions and supports nonmetallic and AC/MC cables. Also suitable for use with low voltage cabling to 3/8" diameter. Furnished with (2) No. 8 screws for use on wood or steel stud. Complies with NEC Articles 300.4(D) and 320.23(B). Patented.

c UL File No. E161206



NMCB-2

NMCB-2 is provided with a nail for use on wood studs or 3/4" thick furring strips to position nonmetallic sheath cable. Capable of positioning a nonmetallic cable in each of three rectangular slots. May also be used with low voltage cable. Low profile design and unique self-locking fingers prevent accidental removal of cables. Grooved nail for extra gripping with stud. Patented.

c UL File No. E161206

### Polypropylene

| Catalog Number | Cable Range Min. | Cable Range Max. | Unit Qty. | Std. Pkg. |
|---|---|---|---|---|
| NMCB-1 | (6) 14/2 | (6) 10/3 NM-B | 25 | 100 |
| | Or | | | |
| | (4) 14/2 | (4) 12/2 AC/MC | | |
| NMCB-2 | (1) 14/2 | (1) 10/3 NM-B | 25 | 100 |
| | Or | | | |
| | (2) 14/2 (in each slot) | (2) 14/2 NM-B | | |

## Low Voltage Device Holders for New Work


NMLV-100F


NMLV-200F


NMLV-100B


NMLV-200B

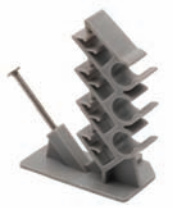
NMLV-100F and NMLV-200F used on 3/4" thick furring strips, 2" x 4" wood or steel stud. Provided with 2 nails for use on 2" x 4" wood stud. Use No. 6 flat head screws for steel stud or 3/4" thick furring strip.
NMLV-100B and NMLV-200B used on 2" x 4" wood or steel stud with 1/2" or 3/4" EMT. Provided with 2 nails for use on 2" x 4" wood stud. Use No. 6 flat head screws for steel stud. Steel bracket will accommodate 1/2" or 3/4" EMT connector. Patented.

UL File No. E11259

### PVC

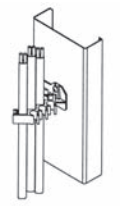
| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| NMLV-100B | Single Gang | 5 | 50 |
| NMLV-100F | Single Gang | 10 | 100 |
| NMLV-200B | Double Gang | 5 | 50 |
| NMLV-200F | Double Gang | 5 | 50 |

## Cable Stacker

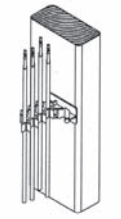


For use on steel or wood studs to support nonmetallic sheath, communication, and data cables. Furnished with nail for wood stud. Use No. 8 x 1/2" self-tapping sheet metal screw for steel stud. Complies with NEC Articles 300-4(D) and 320.23(B). Patented.

c UL us File No. E161206



Metal Stud



Wood Stud

### Polypropylene

| Catalog Number | Unit Qty. | Std. Pkg. |
|---|---|---|
| NMWH-43 | 25 | 100 |

CABLE RANGES:

Data / Communication Cable

| | | |
|---|---|---|
| Oval Openings: | 1 or 2 | .06" to .20" diameter |
| | 1 | .20" to .32" diameter |
| Round Openings: | 1 | .16" to .50" diameter |

Nonmetallic Sheath Cable

| | | |
|---|---|---|
| Oval Openings: | 1 or 2 | 14/2 AWG |
| | 1 or 2 | 12/2 AWG |
| | 1 | 10/2 AWG |
| Round Openings: | 1 | 14/3 AWG |
| | 1 | 12/3 AWG |
| | 1 | 10/3 AWG |

## Insulating Bushing



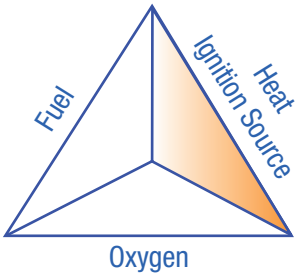
EMT bushing insulates telephone, computer, video and other low voltage wiring from sharp edges of EMT. Complies with NEC Article 300-15(c).

### Polyethylene - 90°C

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| TWB-51 | 1/2" | 100 | 1000 |
| TWB-52 | 3/4" | 50 | 500 |
| TWB-53 | 1" | 25 | 250 |
| TWB-54 | 1 1/4" | 25 | 250 |
| TWB-55 | 1 1/2" | --- | 100 |
| TWB-56 | 2" | --- | 50 |
| TWB-57 | 2 1/2" | --- | 25 |
| TWB-58 | 3" | --- | 25 |
| TWB-59 | 3 1/2" | --- | 25 |
| TWB-60 | 4" | --- | 25 |

## Hazardous Location Fundamentals

### Fire Tetrahedron




### Hazardous Classified Locations

Classified areas are locations where flammable or combustible gases or vapors and materials may be present in the atmosphere or may accumulate on equipment. The presence of these materials may present a fire hazard if exposed to an ignition source.

### The National Electrical Code

The NFPA 70 National Electrical Code serves primarily as the standard for electrical installations in hazardous classified areas. The objective is to control electrical ignition sources in hazardous classified areas.

### NEC Articles for Hazardous Classified Locations

| | |
|---|---|
| Art 500 | General Requirements |
| Art 501 | Class I – Gases, Vapors, Liquids |
| Art 502 | Class II – Combustible dusts |
| Art 503 | Class III – Fibers and Flyings |
| Art 504 | Intrinsically safe Systems |
| Art 505 | Class I, Zones 0, 1 & 2 |
| Art 506 | Dusts, Fibers, Flyings, Zones 20, 21, 22 |
| Art 510-517 | Specific Occupancies |

For the Classification of Flammable Liquids, Gases, or Vapors and combustible Dusts, please reference *The National Fire Protection Association Standards, Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas.*

**National Fire Protection, NFPA 497** Flammable Gases, Liquids, or Vapors and **NFPA 499** Combustible Dusts

## Class I, II, III, Hazardous Locations

| CLASSES | GROUPS |
|---|---|
| I Gasses, Vapors and Liquids (Art.501) | A: Acetylene<br>B: Hydrogen, etc.<br>C: Ether, etc.<br>D: Hydrocarbons, fuels, solvents, etc. |
| II Dusts (Art.502) | E: Metal dusts (conductive, and explosive)<br>F: Carbon dusts (some are conductive, and all are explosive)<br>G: Flour, starch, grain, combustible plastic or chemical dust (explosive) |
| III Fibers and Flyings (Art.503) | Textiles, wood-working, etc. (easily ignitable, but not likely to be explosive) |

## Hazardous Location Product Designs

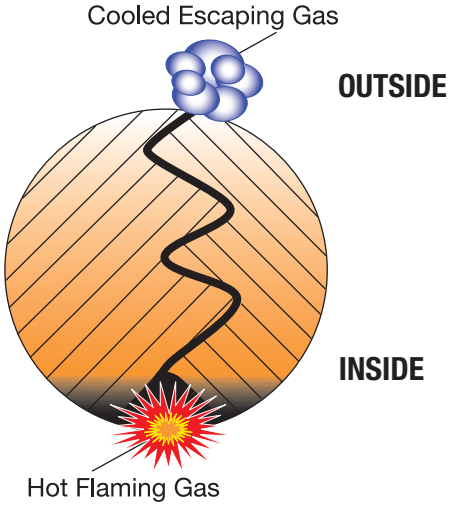
### Threaded Joints

The use of threaded joint construction allows for the gases to be vented and cooled. The hot flaming gases travel from inside the enclosure over the threads reducing the temperature and venting below the ignition point of the surrounding atmosphere.

### Purpose of Seals

Seals minimize the passage of gases and vapors, prevent the passage of flame and complete the explosion proof enclosure system.

| DIVISION 1 | DIVISION 2 |
|---|---|
| Normally explosive and hazardous | Not normally present in an explosive concentration (but may accidentally exist) |
| Normally explosive and hazardous | Not normally present in an explosive concentration (but may accidentally exist) |
| Handled or used in manufacturing | Stored or handled in storage (exclusive of manufacturing) |



## Class I

All boxes and fittings in Class I, Division I must be **approved and marked** for its Class and Division. All threaded joints must have at least five threads fully engaged.

Bridgeport **EYS** and **EYS-N** sealing fittings are used to seal conduit in a hazardous location to minimize the passage of gases and vapors and prevent the passage of flames from one electrical installation to another thru the conduit or raceway.

### Typical Class I Applications

Petrochemical plants
Petroleum refining facilities
Aircraft hangers
Spray finishing areas
Dry cleaning facilities
Gas manufacturing facilities
Gas pumping stations

### Class I, Division 1

Areas in which ignitable concentrates of flammable gases, liquids, vapors are present under normal operating conditions or may exist frequently because of repair or maintenance operations or because of leakage.

### Class I, Division 2

Areas in which ignitable concentrates of flammable gases, liquids, vapors are present under abnormal conditions such as accidental rupture of a container or closed system or abnormal ventilating equipment.

### Class I Groups

Class I gases and vapors are divided into four groups by the National Electrical Code, **A, B, C,** and **D (NFPA Standard 497)**.

## Conduit Sealing Class I

1) Entering Enclosures. Seals are required to be installed within 18 inches on any conduit system entering an enclosure which contains devices that may produce arcs, sparks, or high temperature that are considered to be an ignition source in normal operation. Where two enclosures are connected by a run of conduit not over three feet in length, a single seal located at the center of the conduit run is considered satisfactory. Only explosion proof unions, couplings, reducers, elbows, conduit bodies, and outlet boxes shall be permitted between the sealing fitting and the explosion-proof enclosure. **NEC Art 501.15 (A) (1)**

2) Seals shall be located within 18 inches of the enclosure or fitting on each conduit run 2 inch trade size or larger entering an enclosure or fitting that contains terminals, splices, or taps. **NEC Art 501.15 (A) (1)**

3) In Pressurized Enclosures each conduit entry into a pressurized enclosure where the conduit is not pressurized as part of the protection system. Conduit seals shall be installed within 18 inches from the pressurized enclosure. **NEC Art 501.15 (A) (1)**

4) Boundary Seals must be installed at boundaries between a Hazardous and Non-Hazardous area and between a Class I Div. 1 area and a Class I Div. 2 area. **NEC Art 501.15 (A) (4)**

## Flexible Connections

Where flexibility is needed, Flexible Metal Conduit with listed fittings, Liquidtight Flexible Metal Conduit with listed fittings, Liquidtight Flexible Nonmetallic Conduit with listed fittings, or Flexible cord listed for extra hard usage and provided with listed bushed fittings shall be used. **NEC Art 501.10 (B) (2)**

## Class II

Class II locations are those that are hazardous because of the presence of combustible dust.

### Typical Class II Applications

Flour and feed mills
Grain elevators and Silos
Fireworks manufacturing facility
Sugar and cocoa processing plants
Magnesium and aluminum manufacturing facilities
Coal handling facilities
Confectionary producer
Pharmaceutical plants
Starch processing plants

### Class II, Division 1

In which combustible dust is in the air under normal operating conditions in quantities sufficient to produce explosive or ignitable mixture.

### Class II, Division 2

In which combustible dust is in the air under abnormal operating conditions in quantities sufficient to produce explosive or ignitable mixture or interfere with the safe dissipation of heat from electrical equipment or could be ignitable by abnormal operation or failure of electrical equipment.

### Class II Groups

Class II combustible dusts are divided into three groups by the National Electrical Code, **E, F,** and **G (NFPA Standard 499)**.

### Conduit Sealing in Class II

Where a raceway provides a path between an enclosure which is required to be dust-ignition proof and one which is not, suitable means must be installed to prevent the entrance of dust into the dust-ignition proof enclosure through the conduit or raceway.
**NEC Art 502.15**

### Flexible Connections

Where flexibility is needed, Flexible Metal Conduit with listed fittings, Liquid Tight Flexible Metal Conduit with listed fittings, Liquid Tight Flexible Nonmetallic Conduit with listed fittings, or Flexible cord listed for extra hard usage and provided with listed bushed fittings. Where flexible cords are used they shall comply with 502.140. **NEC Art 502.10 (A) (2)**

## Class III

Locations that are hazardous because of easily ignitable fibers or flyings are present, but in which such fibers or flyings are not likely to be in suspension in the air in quantities to produce ignitable mixtures. **NEC Art 500.5(E)**

### Typical Class III Applications

Textile mills
Woodworking plants
Cotton mills
Flax processing plants
Clothing manufacturing
Thread and yarn mills

### Class III, Division 1

Areas where easily ignitable fibers/flings are handled, manufactured, or used.

### Class III, Division 2

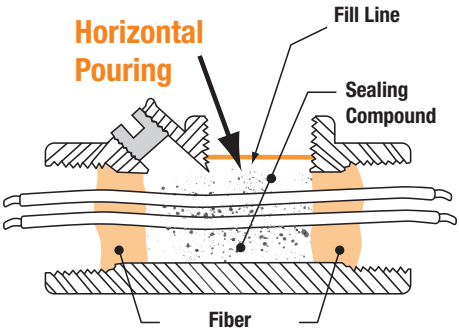
Areas where easily ignitable fibers/flings are stored or handled, other than in process of manufacture.

### Boxes and Fittings

All boxes and fittings shall be Dust Tight. **NEC Art 503.10 (A) (1)**

### Flexible Connections

Where flexibility is needed, dust-tight flexible connectors, Liquid-tight Flexible Metal Conduit and Nonmetallic Conduit with listed fittings or flexible cord in compliance 503.140 shall be used. **NEC Art 503.10 (A) (2)**




**Damming And Pouring**

## Application:

- Sealing compound is used to restrict the passage of gasses, vapors, or flames from traveling through the sealing fitting and prevent the passage of flames from one electrical installation to another through the conduit or raceway.

- Fiber is used to separate conductors from each other and from the sealing compound. The fiber then forms a dam within the sealing fittings that allows the poured sealing compound to harden in place.

- The sealing compound expands slightly to form a complete seal. Hermetic sealing compound **(CE-2571)** is listed for use with Bridgeport type **EYS** and **EYS-N** sealing fittings.

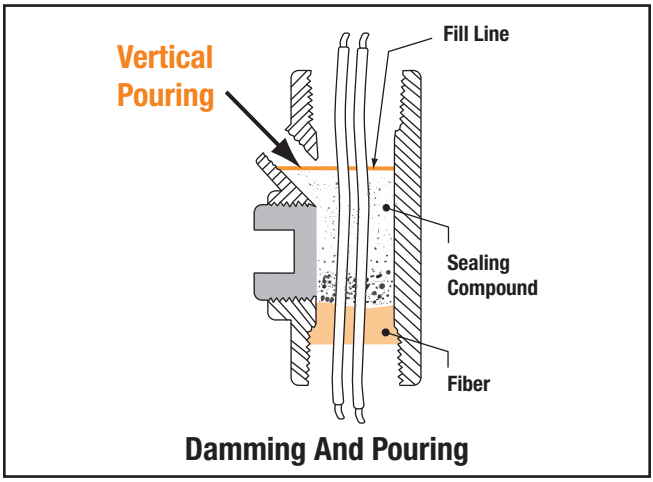
- Maximum number and size of THW conductor:

| | | | |
|---|---|---|---|
| 1/2" | 7#18 | 1-1/4" | 13#10 |
| 3/4" | 10#16 | 1-1/2" | 10#8 |
| 1" | 10#14 | 2" | 10#6 |

Based on 25% conductor fill

**Instructions:** Pack around conductors and mix contents perfectly before each use.

- Separate each conductor; with Bridgeport **FB-10** fiber pack around and between each conductor and wall of the fitting. The conductors must not touch one another nor touch the wall of the fitting.




**Damming And Pouring**

- Add 1 part of cold water to 3 parts compound by volume, thoroughly stir and pour it into sealing fitting carefully using a stick to distribute through the pouring plugs. In the Vertical position, the compound is level with the last thread in the vertical pouring plug. Note: **Fill lines**. In a Horizontal position, the compound is covering the last two threads in the Horizontal pouring plug. Note: **Fill lines**. Be sure not to leave any air bubbles into the sealing compound. Close the plugs in the sealing fitting after pouring. Bridgeport sealing fittings are designed to meet the 5/8" min. thickness required by its listing and the NEC.
  **CAUTION:** Close the container lid firmly after each use. Carefully store the unused compound. Humid or moisture conditions, and impurities may produce a faulty seal.

- Do not mix the compound with water in amounts that cannot be used within 15 minutes, nor temperatures below 35° F (1.7°C). If the compound starts to set do not attempt to thin it by adding water or stirring, this procedure spoils the compound.

- The curing time varies with ambient temperature.
  For example: 68°F (20°C)-12 hours, 40°F (4.4°C)-72 hours.

- For Group A installations, sealing compound must be allowed 72 hours to cure.

- When fully cured the sealing compound is resistant to solvents, acids, water, and oil.

## Summary:

Regardless of the cause of a hazardous location, it is necessary that every precaution be taken to guard against ignition of the atmosphere. Electrical equipment can be a potential source of ignition through one of three ways:

1. Archs and sparks
2. High temperatures
3. Electrical equipment failure

Bridgeport's Hazardous location products are designed and constructed to eliminate the potential for ignition of the atmosphere.

The *National Electrical Code* is the "Bible" of the Electrical Industry, and the primary source of reference for hazardous locations. The NEC is also the basis for OSHA standard 1926.407, Hazardous (Classified) Locations. There are several OSHA standards that require the installation of electrical wiring and equipment in hazardous (classified) locations according to the requirements of Subpart K, Electrical. The NEC should be consulted as a supplement to the OSHA standards for additional background information concerning hazardous locations.

## Vertical/Horizontal Sealing Fitting



EYS-0452N
Male/Female



EYS-0452
Female/Female

Used to seal conduits in vertical or horizontal runs to minimize the passage of gases and vapors and prevent the passage of flames. Threaded for rigid or IMC. NPT Tapered threads. 25% conductor fill. Epoxy coat finish. UL Listed for use with Bridgeport **CE-Sealing Compound**.

File No. E198859

Certified 105795

Class I, Division 1 and 2, Groups C, D
Class II, Groups E, F, G
Class III

### Die Cast Aluminum
**Copper-free (4/10 of 1%)**

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| EYS-0452 | 1/2" | 5 | 20 |
| EYS-0453 | 3/4" | 5 | 20 |
| EYS-0550 | 1" | 5 | 20 |
| EYS-2633 | 1 1/4" | 2 | 10 |
| EYS-2634 | 1 1/2" | 1 | 5 |
| EYS-2635 | 2" | 1 | 5 |
| | | | |
| EYS-0452N | 1/2" | 5 | 20 |
| EYS-0453N | 3/4" | 5 | 20 |
| EYS-0550N | 1" | 5 | 20 |
| EYS-2633N | 1 1/4" | 2 | 10 |
| EYS-2634N | 1 1/2" | 1 | 5 |
| EYS-2635N | 2" | 1 | 5 |

## Outlet Boxes


Type GRE


Type GRB


Type GRC


Type GRL


Type GRT


Type GRX


Type GRXZ

### Die Cast Aluminum
**Copper-free (4/10 of 1%)**

| Catalog Number | Description | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| GRB-0445 | 1/2" 2-Hub Round Outlet Box | 1 | 4 |
| GRB-0446 | 3/4" 2-Hub Round Outlet Box | 1 | 4 |
| GRB-0584 | 1" 2-Hub Round Outlet Box | 1 | 4 |
| GRB-0597 | 1 1/4" 2-Hub Round Outlet Box | 1 | 2 |
| GRB-0600 | 1 1/2" 2-Hub Round Outlet Box | 1 | 2 |
| GRB-0605 | 2" 2-Hub Round Outlet Box | 1 | 2 |
| GRC-0443 | 1/2" 2-Hub Round Outlet Box | 1 | 4 |
| GRC-0444 | 3/4" 2-Hub Round Outlet Box | 1 | 4 |
| GRC-0556 | 1" 2-Hub Round Outlet Box | 1 | 4 |
| GRC-0589 | 1 1/4" 2-Hub Round Outlet Box | 1 | 2 |
| GRC-0561 | 1 1/2" 2-Hub Round Outlet Box | 1 | 2 |
| GRC-0580 | 2" 2-Hub Round Outlet Box | 1 | 2 |
| GRE-0447 | 1/2" 1-Hub Round Outlet Box | 1 | 4 |
| GRE-0448 | 3/4" 1-Hub Round Outlet Box | 1 | 4 |
| GRE-0582 | 1" 1-Hub Round Outlet Box | 1 | 4 |
| GRE-0587 | 1 1/4" 1-Hub Round Outlet Box | 1 | 2 |
| GRE-0598 | 1 1/2" 1-Hub Round Outlet Box | 1 | 2 |
| GRE-0603 | 2" 1-Hub Round Outlet Box | 1 | 2 |
| GRL-0439 | 1/2" 2-Hub Round Outlet Box | 1 | 4 |
| GRL-0440 | 3/4" 2-Hub Round Outlet Box | 1 | 4 |
| GRL-0546 | 1" 2-Hub Round Outlet Box | 1 | 4 |
| GRL-0591 | 1 1/4" 2-Hub Round Outlet Box | 1 | 2 |
| GRL-0558 | 1 1/2" 2-Hub Round Outlet Box | 1 | 2 |
| GRL-0576 | 2" 2-Hub Round Outlet Box | 1 | 2 |

Used to provide access to conductors for pulling and maintenance. Allows connection of conduit straight runs, branch conduit runs, and bends. For rigid conduit. NPT Tapered threads. Epoxy coat finish.

File No. E181329

Certified 105795

Class I, Division 1 and 2, Groups C, D
Class II, Groups E, F, G
Class III
Type 3, 4, 7, 9

| Catalog Number | Description | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| GRT-0441 | 1/2" 3-Hub Round Outlet Box | 1 | 4 |
| GRT-0442 | 3/4" 3-Hub Round Outlet Box | 1 | 4 |
| GRT-0547 | 1" 2-Hub Round Outlet Box | 1 | 4 |
| GRT-0593 | 1 1/4" 3-Hub Round Outlet Box | 1 | 2 |
| GRT-0559 | 1 1/2" 3-Hub Round Outlet Box | 1 | 2 |
| GRT-0578 | 2" 3-Hub Round Outlet Box | 1 | 2 |
| GRX-0449 | 1/2" 4-Hub Round Outlet Box | 1 | 4 |
| GRX-0450 | 3/4" 4-Hub Round Outlet Box | 1 | 4 |
| GRX-0585 | 1" 4-Hub Round Outlet Box | 1 | 4 |
| GRX-0595 | 1 1/4" 4-Hub Round Outlet Box | 1 | 2 |
| GRX-0601 | 1 1/2" 4-Hub Round Outlet Box | 1 | 2 |
| GRX-0606 | 2" 4-Hub Round Outlet Box | 1 | 2 |
| GRXZ-0468 | 1/2" 5-Hub Round Outlet Box | 1 | 4 |
| GRXZ-0469 | 3/4" 5-Hub Round Outlet Box | 1 | 4 |
| GRXZ-0586 | 1" 5-Hub Round Outlet Box | 1 | 4 |
| GRXZ-0596 | 1 1/4" 5-Hub Round Outlet Box | 1 | 2 |
| GRXZ-0602 | 1 1/2" 5-Hub Round Outlet Box | 1 | 2 |
| GRXZ-0607 | 2" 5-Hub Round Outlet Box | 1 | 2 |

## Die Cast Aluminum Unions



Used to join conduit, or conduit to enclosures or other devices without rotation of the conduit. Allows access and removal of system components. Threaded for rigid or IMC. NPT tapered threads. Epoxy coat finish.

File No. E198859

Certified 105795

Class I, Groups C, D
Class II, Groups E, F, G
Class III
Type 3, 4, 7, 9

### Die Cast Aluminum
**Copper-free (4/10 of 1%)**

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| TU-2992 | 1/2" | 5 | 20 |
| TU-2993 | 3/4" | 5 | 20 |
| TU-2994 | 1" | 5 | 20 |
| TU-2995 | 1 1/4" | 2 | 10 |
| TU-2996 | 1 1/2" | 2 | 10 |
| TU-2997 | 2" | 1 | 5 |

## Steel Hazardous Location Unions


UNF-1S


UNY-1S

Used to join conduit to enclosures or other devices without rotation of the conduit. Allows access and removal of system components. Threaded for rigid or IMC. NPT tapered threads.

c UL us File No. E312219

Class I, Division 1 and 2, Groups A, B, C, D
Class II, Groups E, F, G
Class III
Type 3, 4, 7, 9

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| UNF-1S | 1/2" | 5 | 20 |
| UNF-2S | 3/4" | 5 | 20 |
| UNF-3S | 1" | 5 | 20 |
| UNY-1S | 1/2" | 5 | 20 |
| UNY-2S | 3/4" | 5 | 20 |
| UNY-3S | 1" | 5 | 20 |

## Threaded Insert Plugs



For use with hazardous location sealing fittings and outlet boxes to close up taped holes or hubs. Threaded NPT.

UL File No. E198859 CSA Certified 105795

Class I, Division 1 and 2, Groups C, D
Class II, Groups E, F, G
Class III

### Die Cast Aluminum
**Copper-free (4/10 of 1%)**

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| TA-2943 | 1/2" | 25 | 100 |
| TA-2938 | 3/4" | 25 | 100 |
| TA-2937 | 1" | 20 | 80 |
| TA-2636 | 1 1/4" | 20 | 80 |
| TA-2637 | 1 1/2" | 10 | 40 |
| TA-2638 | 2" | 10 | 40 |

## Steel Reducing Bushings



Use to reduce the size of a taped hole or hub.
NPT tapered threads.

UL File No. E312219
Class I, Division 1 and 2, Groups A, B, C, D
Class II, Groups E, F, G

### Steel

| Catalog Number | Description | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1161-HZ | 3/4" x 1/2" Reducing Bushing | 25 | 100 |
| 1162-HZ | 1" x 1/2" Reducing Bushing | 25 | 100 |
| 1163-HZ | 1" x 3/4" Reducing Bushing | 20 | 80 |
| 1164-HZ | 1 1/4" x 1/2" Reducing Bushing | 20 | 80 |
| 1165-HZ | 1 1/4" x 3/4" Reducing Bushing | 20 | 80 |
| 1166-HZ | 1 1/4" x 1" Reducing Bushing | 20 | 80 |
| 1167-HZ | 1 1/2" x 1/2" Reducing Bushing | 10 | 50 |
| 1168-HZ | 1 1/2" x 3/4" Reducing Bushing | 10 | 50 |
| 1169-HZ | 1 1/2" x 1" Reducing Bushing | 10 | 50 |
| 1170-HZ | 1 1/2" x 1 1/4" Reducing Bushing | 10 | 50 |
| 1171-HZ | 2" x 1/2" Reducing Bushing | 10 | 50 |
| 1172-HZ | 2" x 3/4" Reducing Bushing | 10 | 50 |
| 1173-HZ | 2" x 1" Reducing Bushing | 10 | 50 |
| 1174-HZ | 2" x 1 1/4" Reducing Bushing | 10 | 50 |
| 1175-HZ | 2" x 1 1/2" Reducing Bushing | 10 | 50 |

## Sealing Compound with Fiber Kit




Fiber is used to separate conductors from each other and from the sealing compound. The fiber then forms a dam within the sealing fittings that allows the poured sealing compound to harden in place. The sealing compound provides a seal between and around the conductors within the fittings. UL Listed for use with Bridgeport **EYS** and **EYS-N** series sealing fittings.

### Sealing Materials

| Catalog Number | Unit Size | Qty. | Std. Pkg. |
|---|---|---|---|
| CE-2571 | 2.2 lb. | 1 | 4 |

## Fiber



Fiber is used to separate conductors from each other and from the sealing compound. The fiber then forms a dam within the sealing fittings that allows the poured sealing compound to harden in place.

### Sealing Materials

| Catalog Number | Unit Size | Qty. | Std. Pkg. |
|---|---|---|---|
| FB-10 | 3.52 oz. | 1 | 4 |

## Jack Chain



701 703

Maximum safe load is 25 lbs.
Catalog 703 provided in convenient 300' bucket.

### Steel

| Catalog Number | Size | Description | Std. Pkg. |
|---|---|---|---|
| 701 | #12 | 100' Spool | 800' |
| 703 | #12 | 300' Bucket | 300' |

## "S" Hooks



Maximum safe load is 25 lbs.

### Steel

| Catalog Number | Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 705 | 1 1/4" | 100 | 1000 |

## Safety Plates



Protects cable running through wooden studs from nails and screws.

UL File No. E161206

### Galvanized Steel

| Catalog Number | Unit Qty. | Std. Pkg. |
|---|---|---|
| 732-SP | 100 | 500 |

## Anti-Short Bushings "Redhead"



"Redheads" prevent damage to wire insulation when placed between the wire and armored sheath.

UL File No. E11259

CSA Certified LR24719M5

### Polyethylene - 90°C

| Catalog Number | Trade Size | AC/MC Cable Size | Flex Trade Size | Unit Qty. | Std. Qty. |
|---|---|---|---|---|---|
| 1000 | 0 | 14/2, 14/3, 12/2 | 5/16" | 50 | 7000 |
| 1001 | 1 | 14/4, 12/3, 6/1, 4/1 | 3/8" | 50 | 3500 |
| 1002 | 2 | 12/4, 10/2, 10/3, 2/1 | --- | 50 | 7000 |
| 1003 | 3 | 10/4, 8/2, 8/3, 1/1 | 1/2" | 20 | 2000 |
| 1004 | 4 | 8/4, 6/2, 6/3 4/2, 4/3, 6/4 | 3/4" | 20 | 1600 |
| 1005 | 5 | --- | 1" | 25 | 100 |
| 1006 | 6 | --- | 1 1/4" | 10 | 40 |
| 1007 | 7 | --- | 1 1/2" | 10 | 40 |
| 1008 | 8 | --- | 2" - 2 1/2" | 10 | 40 |

## Box Connectors



Used as a raceway between two boxes.

UL File No. E11259

CSA File No. LR39354

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1191-DC2 | 1/2" | 50 | 500 |

## Knockout Plugs



Steel



Plastic

To cap unused knockout holes in box or enclosure.

### Zinc Plated Steel

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 1691 | 1/2" | 100 | 1000 |
| 1692 | 3/4" | 100 | 1000 |
| 1693 | 1" | 50 | 500 |
| 1694 | 1 1/4" | 50 | 200 |
| 1695 | 1 1/2" | 50 | 200 |
| 1696 | 2" | 20 | 200 |

### Plastic

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| 9891 | 1/2" | 100 | 1000 |
| 9892 | 3/4" | 100 | 1000 |
| 9893 | 1" | 50 | 500 |
| 9894 | 1 1/4" | 50 | 500 |
| 9895 | 1 1/2" | 25 | 250 |
| 9896 | 2" | 20 | 100 |

## Box Supports



Use to support FS box, outdoor lighting fixture, or similar devices, per NEC Article 370-23 requirements. Tapered threads (NPT) provide raintight seal. Simply assemble box support onto the box or fixture and fasten to steel rigid conduit or water pipe driven into the ground.

c UL us File No. E161206: BS-050

### Zinc Die Cast

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| BS-050 | 1/2" | 25 | 100 |
| BS-075 | 3/4" | 25 | 100 |

## Electrical Box Extender / Insulator



BXE-100



BXE-300

For use with most metallic or nonmetallic electrical boxes to extend box face. Simply slide non-conductive extender into box to correct setbacks up to 1". May also be used as an insulating barrier between metallic box and device. Extender / Insulator does not require trimming and is completely hidden by faceplate. Complies with NEC Article 314.20. Patented.

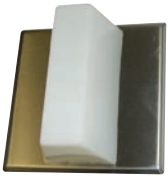
UL File No. E216710

Available in single gang BXE-100, duplex BXE-200 or round BXE-300 configurations.

### PVC

| Catalog Number | Trade Size | Std. Pkg. |
|---|---|---|
| BXE-100 | 25 | 100 |
| BXE-200 | --- | 25 |
| BXE-300 | --- | 25 |

## Dome Light Stations



Used to indicate the need for personal assistance in nursing homes, health care facilities, bathrooms and other areas where people frequent. Stations are provided with both red and white domes. Simply discard the dome that is not intended for use. Units are available with and without an audible buzzer in both 24VAC and 120VAC. They may be purchased as standalone stations or as call for aid packages. All units feature 2 internal lamps and a stainless steel faceplate.

c UL us File No. E313390

| Catalog Number | Description | Dome Color |
|---|---|---|
| CA-DL-24 | 24VAC dome light only | White or Red |
| CA-DL-120 | 120VAC dome light only | White or Red |
| CA-DLB-24 | 24VAC dome light with buzzer | White or Red |
| CA-DLB-120 | 120VAC dome light with buzzer | White or Red |
| CA-100-24 | 24VAC dome light, pull switch and transformer | White or Red |
| CA-100-120 | 120VAC dome light and pull switch | White or Red |
| CA-101-24 | 24VAC dome light with buzzer, pull switch and transformer | White or Red |
| CA-101-120 | 120VAC dome light with buzzer and pull switch | White or Red |

## Pull Cord Station



Provides for emergency call activation by pulling the supplied nylon cord downward. The call is reset at the station by simply pushing the activation switch upward. The station mounts in a standard single gang box. The units' stainless steel faceplate is marked "Emergency Pull For Help". 6 amps at 125VAC. DPST Switch.

c UL us File No. E313390

| Catalog Number | Description | Mounting |
|---|---|---|
| CA-PS | Pull Cord Station | Single Gang Box |

## Duct Seal



Used to seal around boxes, flashings and service entries. #1003 asbestos-free sealing compound is pliable, non-corrosive to metals and can be painted. For both indoor and outdoor use.

UL File No. R14730

| Catalog Number | Slug Size | Std. Pkg. |
|---|---|---|
| DS-100 | 1 lb. | 50 Slugs |
| DS-500 | 5 lb. | 10 Slugs |

## Adjustable Door Openers



Designed for mortise installations in both wood and metal jamb doors. The units are mounted in place of the regular door strike and provide the security of remote lock operation. The door remains locked (Fail Secure) until the door opener is electrically activated by a contact device. For use with locksets having up to 5/8" (15.9mm) throw. For AC operation, use with a Bridgeport T-603 transformer.

Use in commercial and industrial buildings to provide controlled area access. Units feature either a chrome or brass faceplate and a chrome latch. Fits left or right hand doors. 1/8" adjustable latch. 500,000 life cycles. 900 lbs. holding force.

| Catalog Number | Description | Amps | Finish |
|---|---|---|---|
| DS-101B | 16-24VAC/DC | .19 - .32 | Brass |
| DS-101C | 16-24VAC/DC | .19 - .32 | Chrome |

## Firestop




A water-based, non-corrosive, non-toxic, odorless quality intumescent. The FS-1000 is rated 3000°F for 8 hours. Adheres to most construction materials including ceramics, composites, masonry, metal, plastic and wood. Can be safely removed with soap and water prior to curing. Paintable and sandable. Refer to www.bptfittings.com for installation instructions.
Classified by Underwriters Laboratories as a non-combustible product in compliance with zero flame and zero smoke index.

c UL us File No. R25422

### Intumescent

| Catalog Number | Cartridge Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| FS-1000 | 10.5 fluid ounces | 1 | 12 |

## Low Voltage Device Holders for New Work



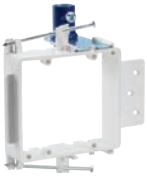
NMLV-100F



NMLV-100B



NMLV-200F



NMLV-200B

NMLV-100F and NMLV-200F used on 3/4" thick furring strips, 2" x 4" wood or steel stud. Provided with 2 nails for use on 2" x 4" wood stud. Use No. 6 flat head screws for steel stud or 3/4" thick furring strip. NMLV-100B and NMLV-200B used on 2" x 4" wood or steel stud with 1/2" or 3/4" EMT. Provided with 2 nails for use on 2" x 4" wood stud. Use No. 6 flat head screws for steel stud. Steel bracket will accommodate 1/2" or 3/4" EMT connector. Patented.

File No. E11259

### PVC

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| NMLV-100B | Single Gang | 5 | 50 |
| NMLV-100F | Single Gang | 10 | 100 |
| NMLV-200B | Double Gang | 5 | 50 |
| NMLV-200F | Double Gang | 5 | 50 |

## Door Light Switches



All purpose electric door switches for use anywhere that lights are turned on and off automatically by the opening and closing of a door. Units may be wired either normally open or normally closed. The units are shipped normally closed. The switch mounts using the 3" (76mm) on center mounting holes.

Units may be used on sliding or on hinged doors. Typical applications include closet doors, walk-in refrigerators, vault and photo labs. Models available for standard or narrow construction; refer to www.bptfittings.com for dimensions.

UL Listed.

| Catalog Number | Description | Finish |
|---|---|---|
| PB-301 | Standard Door Light Switch | Painted Brass |
| PB-301N | Narrow Construction Door Light Switch | Painted Brass |

## Roof Flashings



RF-125 thru RF-250



RFN-125 thru RFN-400

Galvanized – for use with galvanized, plastic, or cast iron electrical service mast. Fits flats to 40º. Neoprene – for use with copper, cast iron, galvanized, or plastic pipe. Fits up to 45º angle, not recommended for hot-mopped or built-up roofs.

### Galvanized

| Catalog Number | Cartridge Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| RF-125 | 1 1/4" | ---- | 25 |
| RF-150 | 1 1/2" | ---- | 25 |
| RF-200 | 2" | ---- | 25 |
| RF-250 | 2 1/2" | ---- | 25 |

### Neoprene

| Catalog Number | Cartridge Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| RFN-125 | 1 1/4" - 1 1/2" | ---- | 12 |
| RFN-200 | 2" | ---- | 12 |
| RFN-250 | 2 1/2" | ---- | 12 |
| RFN-300 | 3" | ---- | 12 |
| RFN-400 | 4" | ---- | 12 |

## Swivel Fixture Hangers



SFS-75



SFR-75

Ball type swivel fixture covers for mounting pendant or fluorescent lighting fixtures to box. For lamps up to 50 lbs. maximum and 20° maximum swing from vertical. Tapped for use with 3/4" thread and furnished with 3/4" x 1/2" steel reducing bushing. Slotted cover holes for easy assembly to box. Malleable iron swivel, steel cover.

File No. E235970

### 4" Square Box Cover

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SFS-75 | 3/4" | 1 | 10 |

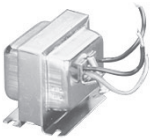
### 4" Round or Octagonal Box Cover

| Catalog Number | Trade Size | Unit Qty. | Std. Pkg. |
|---|---|---|---|
| SFR-75 | 3/4" | 1 | 10 |

## Class 2 Signaling Transformers



T-601



T-602, T-603, T-604

Low cost, highly reliable transformers that provide convenient low voltage power for a variety of commercial, residential and industrial purposes. All primary leads are pre-stripped for quick connection. Units mount in a standard 1/2" (13mm) knockout or surface mount using the provided locknut or clamp. The T-601 uses a standard locknut. The T-602, T603 and T-604 use an integral clamp. These transformers may be safely mounted in both plastic and metal back boxes.

The T-601 is ideal for doorbells, chimes and other light duty applications. The T-602, T-603 and T-604 offer higher power for longer wire runs.

Listed File No. E208949

Certified

| Catalog Number | Primary | Secondary Volts | VA |
|---|---|---|---|
| T-601 | 120VAC | 16 | 10 |
| T-602 | 120VAC | 8 | 10 |
| | | 16 | 10 |
| | | 24 | 20 |
| T-603 | 120VAC | 8 | 20 |
| | | 16 | 20 |
| | | 24 | 30 |
| T-604 | 120VAC | 24 | 40 |

## Why Does Bridgeport Use Specific Zinc Alloys?

The basic raw material from which most Bridgeport cable and conduit fittings are manufactured is a zinc die casting alloy which is closely controlled by specification, certification, and outside analysis.

## Zinc Alloy Specifications

The basic specifications of Bridgeport's zinc alloys are found in ASTM B86. These primary alloys, designated as ZAMAK 7, ZAMAK 3, or ZA-12, are expressly specified by Bridgeport. We only use the highest purity zinc alloys to ensure the highest quality castings. (See Appendix VI)

The functional advantages of these particular alloys and their purity include increased dimensional stability and reduced inter-crystalline oxidation in our finished castings. In simple terms, it means that Bridgeport's fittings can adhere to tighter tolerances, and won't get brittle and crack no matter how long ago they were manufactured.





## Material Certifications

The certification of every delivery of alloy or raw material received by Bridgeport guarantees that all material used conforms to the required specification. (See Appendix V)

In the case of our zinc alloys, these certifications are made by our vendor in accordance with ASTM B86. Each batch is chemically analyzed using Emission Spectrochemical Analysis, and reported by the vendor's laboratory on a certification document that accompanies each delivery. These certifications are legal documents that warrant the chemical composition of the zinc alloy and ultimately help guarantee the quality of Bridgeport's zinc castings.

We also require certifications for other raw materials which are used in listed product. An example is UL Listed plastic components must be certified to pass the UL94V Flammability Specification Test.

These certifications are examined at several points before a delivery is accepted. Receiving, Quality Control, Die Casting, Purchasing, and Accounts Payable personnel all review the certifications.

## STEEL vs. ZINC?

Steel has been used for years in the manufacture of many electrical products. Why would the best fittings not be made of steel? The answer lies in the performance requirements of conduit fittings. These standards are specified in UL 514B, and are based on the National Electrical Code. A properly designed and manufactured zinc alloy fitting can exceed the requirements of UL 514B, and offer several functional advantages besides a savings in installation cost. The perception that steel fittings will outperform similar type fittings manufactured from die cast zinc is untrue. In fact, just the opposite may be true.



During the listing process at Underwriters Laboratories, ALL fittings, regardless of material, are tested to the same stringent UL 514B standard to comply with application requirements of the National Electrical Code. For example, ALL EMT connectors are subjected to the following tests:

- Method of assembly
- Screw torque test (set screw type) or Hex nut torque test (compression type)
- Metallic coating thickness test (steel only), Concrete-Tightness test (set screw type or compression type) or Rain-Tight test (compression type)
- Bend test and Pull test
- Electrical resistance test
- Ground fault current test
- EMT deformation test (set screw type only)

The same parameter test values are used throughout the UL testing procedure regardless of material. Some functional tests include set screw torque of 35 in-lbs.

(160 in-lbs. for hex head screw), compression nut torque of 175 in-lbs. (1") to 1600 in-lbs. (2" and up), conduit pull test of 300 lbs. (1") to 1000 lbs. (2" and up), and current test of 1180 amperes for 4 seconds (1") to 5050 amperes for 9 seconds (3" and up).

In addition to similar performance characteristics, zinc die cast fittings are accepted by Federal Specifications A-A-50553, A-A-50552, A-A-50563, and ANSI/NEMA FB 1.

## Primary Benefits Of Die Cast Zinc Fittings

### 1. DIMENSIONAL CONSISTENCY

Perhaps the most important advantage is that of dimensional consistency. The high quality zinc alloys Bridgeport uses are unique in their ability to hold very close tolerances in our properly designed dies. A maximum variation of +/-.002" in a particular dimension from one casting to another is not unusual. Long-term consistency of this kind is difficult to achieve in steel.

### 2. CORROSION PROTECTION

An important advantage of zinc alloys over steel is its inherent corrosion protection. The NEC requires that all ferrous metal surfaces be protected with a coating, typically zinc plating. Zinc alloy fittings do not need protective coating because the protection goes all the way through. The corrosion resistance of Bridgeport's fittings is enhanced by a burnishing process, which is applied to each cast component immediately after the casting and trimming process. Burnishing closes the surface porosity, and gives Bridgeport's fittings their characteristic shine.

### 3. FUNCTIONAL ADVANTAGES

One of the most noted advantages of zinc fittings is with their ease of assembly with a locknut. Threading a zinc locknut onto a zinc connector is much easier than with the same assembly in steel. The reason lies in zinc's inherent surface smoothness and lubricity not found in steel or zinc-plated steel fittings. The result is a locknut that can easily be threaded onto a connector by feel and with little effort. One other functional advantage is the reduction in weight vs. a steel fitting. Pound for pound, die cast zinc is about 16% lighter than cold rolled steel. This translates into easier handling of inventory.

## Bridgeport's Quality Control

Bridgeport uses only carefully selected high-grade raw materials – steel, malleable iron, aluminum or zinc – to meet the high standards of the company's manufacturing process. In addition, all purchased component parts must meet or exceed Bridgeport's engineering specifications and drawings. By adhering to these quality standards, Bridgeport can deliver the easy-to-install products that customers expect.



At Bridgeport, advanced inspection techniques are used to ensure the absolute quality and reliability that is built into every electrical product. Inspection begins with the receipt of purchased material and includes scheduled testing by trained inspectors, as well as continuous in-process inspection by assemblers and machine operators. This critical process safeguards consistency in manufacturing.

Bridgeport's quality control system is based on MIL-Q-9858, and the inspection system is based on MIL-I-45208. Our goal is to have less than a 1% defect rate. We constantly monitor our internal manufacturing processes with regular inspections, including first and last piece, as well as in-process inspections. Our quality teams meets daily and weekly to discuss and rectify issues that result in non-conforming product. We track and monitor these production issues and ensure they are addressed. The end result is unsurpassed quality and value to our customers.

The key to making any quality product is to expertly control the materials, dimensions, and tolerances of every component involved. While we manufacture as much as possible in-house, some components are ultimately purchased from outside vendors. We find that vendors will often suggest ways to cut corners and save money. These suggestions are almost always rejected by Bridgeport, since the only primary design considerations are function and quality.

Economic considerations are met by the volume resulting from the demand for our high quality product priced at a reasonable level.

In addition, Bridgeport minimizes the variable effect of outside sources by producing its own components whenever possible. Such items as fitting covers, locknuts, and compression rings are produced under the careful control of the same Bridgeport engineers who produce the castings. The result is a line of fittings that function perfectly together.

## Product Features Spotlight Screws



Screws are one of the most carefully controlled components used in the manufacture of Bridgeport's fittings. Each screw is individually specified by Engineering, depending upon the requirements of each application. After specification, screw designs are sent to Purchasing for quotation and design refinements. Bridgeport's Tri-Drive screws are specifically designed to work with three different types of drivers: Phillips, Straight Blade, and Robertson (square). Each screw is coated with quality zinc plating. The result is a screw that can handle the rigors of today's automatic drivers in the field.



# A Winning Product Formula

## Zinc Locknuts

Locknuts are critical to the function of a fitting, yet many manufacturers offer the least expensive locknuts available – especially in zinc. Some offer a nut that has less than one complete thread to engage the fitting. Still, others use a very thin locknut that may never have been submitted to UL for listing with conduit.



Bridgeport has a unique zinc locknut which is perfectly matched to the fitting in every size - perfectly matched because the thread of the locknut and the thread of the fitting are designed by Bridgeport's engineers, produced in Bridgeport's or other authorized factories, and inspected by Bridgeport's Quality Control specialists. The locknuts themselves are of excellent quality, listed by UL for use inside or outside a box, on fittings, and on some conduit sizes. The result of this attention to detail is a fitting that can be installed with a single spin of the nut, a small advantage, but a benefit multiplied by the many millions of fittings sold by Bridgeport each month.

When installing connectors to enclosures, NEC Article 250.96 requires effective bonding of the metallic raceway to the box or enclosure to maintain continuity and safely conduct ground fault current likely to be imposed. Additionally, non-conductive paint or similar coating must be removed at the locknut contact surface unless the fitting is designed to remove the coating during normal assembly.

During a fact-finding study conducted by UL, the observation was made that die cast zinc serrated locknuts, such as those manufactured by Bridgeport, have the ability to remove non-conductive coatings and safely maintain ground fault current. Other styles of die cast zinc locknuts, such as flat or "nibbed" types, had difficulty passing this UL testing.

All of Bridgeport's zinc die cast connectors feature reversible serrated zinc die cast locknuts, which provide increased coating penetration and gripping power. Precision cut threads and extra tightening lugs ease assembly.

To ensure proper removal of paint or coating from enclosure, install the connector into the opening, assemble locknut hand tight, and then tighten the locknut 1/4 additional turn. After assembly, look for shiny surfaces in between lugs on the enclosure where the paint or coating has been removed. Always use UL Listed connectors with Bridgeport's unique serrated, cut thread, die cast zinc locknut such as Bridgeport Cat. Nos. 101-DC through 110-DC.

## Bridgeport's Design & Manufacturing Processes

Many of the processes and tools used in the manufacture of Bridgeport Fitting's products are proprietary. However, we have provided a brief overview below:

## Computer Aided Design (CAD)



Bridgeport's engineering department has standardized on the latest version of SolidWorks™ CAD software for all products and tooling design. In addition, we also maintain and use CadKey™, which was previously used to make older drawings. SolidWorks™ allows Bridgeport to create 3D designs inside the computer. This helps the engineer to better visualize the design in ways that older 2D systems cannot provide. The result is a value engineered product capable of meeting all required specifications.

After a component is designed in CAD, engineering may use Rapid Prototyping (RP) technology to 'print' out precise, 3D, plastic parts to evaluate before tooling is made. These models are so accurate, engineering can actually test fit them with mating components to further validate designs.

Bridgeport's CAD files are then able to be exported to a Computer Aided Manufacturing (CAM) system, which is able to directly machine the tools that make production components. The equipment that is compatible with CAM is Bridgeport's Computer Numerical Control (CNC) Milling or Electro-Discharge Machining (EDM) equipment.



What this means is that Bridgeport's engineers and toolmakers have the latest tools and technologies to properly and expertly create high-quality and precision tooling, thereby allowing better development and evolution of product design.

## In-House Tooling

Tools, dies, molds, and sophisticated automated production machines are produced in-house, by our own Tool and Die Department. Virtually every tooling element is routinely produced and maintained to the highest standards in the industry. Our expert tool and die makers maintain a large quantity of tools, including die cast molds, progressive stamping dies, automated fixturing, and assorted custom tooling.

Typical tolerances for finished castings are to within .003" or less, and tooling tolerances are often as small as to within .0005" for critical dimensions. In addition, our stamping dies are designed and maintained to prevent tool breakage and component issues. We have invested heavily in our CNC milling and lathe operations, as well as our CNC Wire and Electrode EDM equipment. This means that our tooling parts are more consistent and are easier to replace when worn.

## Automated Manufacturing



Once designed and built, Bridgeport tooling runs in some of the most modern and best-maintained equipment in the industry. Many of our diecast machines are fully automatic with computer process controls. Some castings are trimmed in a separate operation on hydraulic presses to insure a clean parting line and virtually perfect external threads. Other castings are automatically trimmed in the casting machine, which shortens process time. Our state-of-the-art automatic assembly equipment tests all important fittings characteristics before assembly. These checks include screws driven to correct depth and torque, locknuts threaded near the shoulder of the fittings (to prevent coming loose during shipping), compression hex nuts properly assembled to body with gland ring in place, and smooth reaming and chamfering of fitting throats for ease in wire pulling.

## Patents

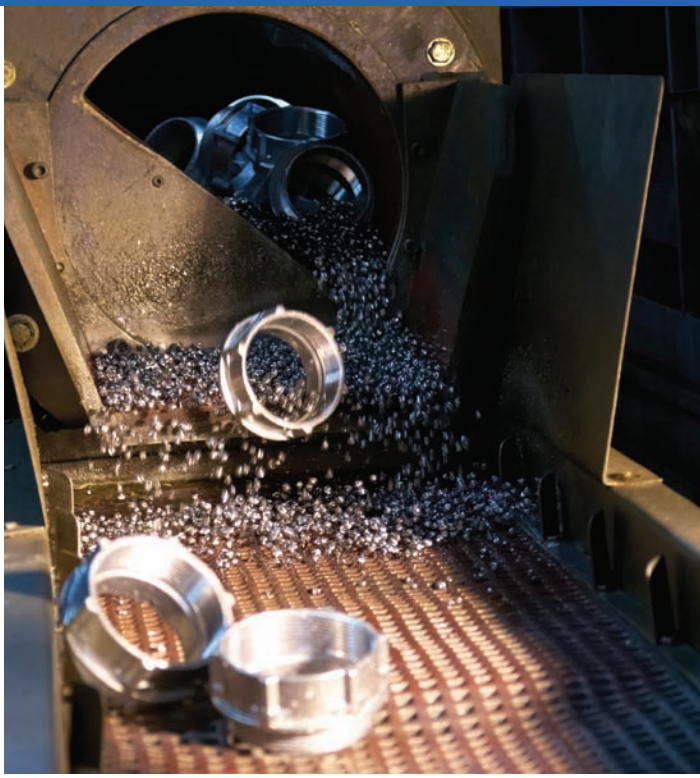
Today, Bridgeport still continues to develop new and innovative products that are designed to save the customer time and money. Bridgeport has many products that are covered by one or more US Patents.

See www.bptfittings.com for a complete listing of patents.

## Trademarks

The following are trademarks of Bridgeport Fittings, Inc.:

Bridgeport Quality Conduit & Cable Fittings®
Bridgeport Switch®
Go Deep®
Mighty-Align®
Mighty-B®
Mighty-Bite™
Mighty-Bond®
Mighty-Hold®
Mighty-Merge®
Mighty-Move®
Mighty-Rite®
Mighty-Seal®
Push-EMT®
Red®
Regal®
Regal Fittings®
Regal Manufacturing®
Whipper-Snap®



## Superior Finishes

After Bridgeport's extended manufacturing processes, zinc die-cast fittings are burnished to make the surface finish of the fittings brighter, to close surface porosity and enhance corrosion resistance, and to remove any scaling or discoloration. Using high-grade, stainless-steel media and special chemicals in the burnishing process, Bridgeport produces fittings with a quality luster that improves the surface finish and value.

The purpose is to reduce installation costs, and to increase installation quality for end users. Smoother and cleaner fittings assemble more easily and quickly, especially in bad weather. Wire pulling is never slowed down by a Bridgeport fitting.

Our steel component parts are zinc plated per ASTM B633 – Type I, Bright or Semi-Bright, and UL514B - 5.1.3.1, Table 17. We constantly monitor our zinc plating quality and thickness to insure a durable, high-performance, corrosion-resistant coating.

## Daily Inspections

Most of Bridgeport's fittings are assembled and machined on highly automated production equipment, and each of these machines are purpose-designed and built by Bridgeport to conduct multiple inspections of the product being manufactured. Many thousands of automated inspections are made each day at the Bridgeport factory. As a result, customers are assured of the high quality of each Bridgeport fitting purchased.

## Craftsmanship

Bridgeport is proud of its personnel. The demands of producing the best fittings available require that competent and well-trained people care about good workmanship.

## Packaging

Bridgeport assures our products get to market ready for installation by providing quality packaging second-to-none in the industry. Our heavy-duty, corrugated packaging, is designed for full product fill, is top loading for easy product access, and is shaped to maximize shelf space. All packaging is clearly labeled with application and certification data.




## Packaging Bar Codes

Bridgeport provides bar coding symbols on all of our shipping containers, which helps distributors speed up shipping, receiving, and inventory control.

Bridgeport follows identification guidelines set forth in 1987 by efforts of the National Electrical Manufacturers Allocation (NEMA), the National Electrical Manufacturers Representatives Association (NEMRA), and the National Association of Electrical Distributors (NAED). These standards employ the use of the UPC Shipping Container Symbol (Interleaved 2 of 5).

Bridgeport can send you the necessary information that relates to our bar code numbers, their descriptions, and package quantities.

## Electrical Codes, Standards and Inspection Authorities

Bridgeport's products are conceived, engineered, manufactured, and inspected according to the recognized standards of the electrical industry. The Bridgeport catalog carries references by individual product to Underwriters Laboratories and Canadian Standards Association control numbers. Wherever listings are required by our customers, they are obtained and maintained. We also will obtain other listings which may be required for specific applications or geographic areas.




Bridgeport's product designs are continually reviewed for conformance to the latest National Electrical Code, UL, CSA, MIL-SPEC, and Federal Specification requirements. Our listed products often exceed standards established by these agencies.

Our involvement on many committees at Underwriters Laboratories, Canadian Standards Association, and NEMA confirms our commitment to manufacture quality products. When listings are required by our customers or end users, they will be obtained wherever possible. Requests for such listings should be directed to the Bridgeport factory or factory representatives.



## Third Party Certification Listings

Currently, Bridgeport Fittings maintains listings at UL and CSA. However, we are not limited to certain marks, such as UL or CSA. NEC Articles 100.3(A&B), 90.7 & 100 defines product approval as being listed and labeled by a ***third party***.

In fact, there are other certification organizations equally recognized and accepted. These testing and certification laboratories are included on a ***Nationally Recognized Testing Laboratory*** (NRTL) list. The NRTL program is part of the Occupational Safety and Health Administration's (OSHA) directive to ensure products are safe for use in the U.S. workplace. It recognizes the capabilities of private-sector testing organizations to determine whether a specific product meets safety standards developed by the American National Standards Institute (ANSI), Underwriters Laboratories (UL), American Society for Testing and Materials (ASTM), MIL-SPEC, and others.



Each of the NRTL's is certified by OSHA to be able to provide testing services for one or more specifications (i.e. UL, ASTM, ANSI, NEMA, etc.). The current OSHA NRTL list and each lab's testing capabilities can be found at:

***http://www.osha.gov/dts/otpca/nrtl/index.html#nrtls***

Like the UL and CSA marks, other marks also indicate that our product has been independently tested by a NRTL, and that it has met the minimum requirements of widely accepted product safety standards (such as UL 514B). It also indicates that we have agreed to periodic follow-up inspections to verify continued compliance.

The following are examples of other approved NRTL's that Bridgeport may use:

## How Do I Specify Bridgeport Fittings?

Many contractors and engineers ask us how to specify Bridgeport and make sure that's what is installed. A general specification may read as follows:

*"FITTINGS: Metal conduit and EMT fittings shall be zinc-plated malleable iron, steel, aluminum, or zinc die cast as manufactured by Bridgeport Fittings, Inc. Connectors and couplings shall be threaded, set screw, or compression type, concrete-tight or rain-tight, when properly installed. Conduit bodies shall be malleable iron or aluminum, with cover gaskets when exposed to weather."*

Other characteristics that set Bridgeport apart from other fittings include:

- Ball burnished finish on all die cast zinc components
- Ⓑ logo appears on each fitting and/or box
- Steel parts are quality zinc plated for corrosion protection
- Zinc locknuts have precision machine-cut threads & serrated faces
- All set-screw products have staked screws
- Throat diameters are smooth with no sharp edges
- Quality materials are used for every component

For answers to specific product questions please contact Bridgeport's engineering department.

## Memberships and Credentials

Bridgeport Fittings, Inc. maintains membership in the National Electrical Manufacturers Association (NEMA) and actively participates in its efforts to develop and maintain high standards for the electrical industry. Bridgeport also has an active membership in the National Fire Prevention Association (NFPA) in order to support the writing and revision process of the National Electrical Code (NEC), and to make every effort to contribute to the value of the code as a safety standard. In addition, Bridgeport is active on the technical advisory committees of Underwriters Laboratories, Inc (UL) in order to contribute to the maintenance and fair application of a universal standard in the National Electrical Code.

NAED National Association of Electrical Distributors ASSOCIATE MEMBER

NEMA Member

NEMRA

NFPA MEMBER 08-09

We welcome comments from users of Bridgeport's products whenever the need is felt to bring an issue to the attention of any of the organizations we are affiliated with. This kind of advocacy is part of the responsibility shared by all within the industry, and your input counts.

## RoHS Compliance & Environmental Statements

The directive on the **Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment** (commonly referred to as the Restriction of Hazardous Substances Directive or RoHS) was adopted in February 2003 by the European Union. The RoHS directive took effect on July 1, 2006, and is required to be enforced and become law in each member state of the EU. This directive restricts the use of six hazardous materials in the manufacture of various types of electronic and electrical equipment. It is closely linked with the Waste Electrical and Electronic Equipment Directive (WEEE) which sets collection, recycling and recovery targets for electrical goods and is part of a legislative initiative to solve the problem of huge amounts of toxic e-waste.

The following substances are restricted by RoHS:
1. Lead
2. Mercury
3. Cadmium
4. Hexavalent chromium (chromium xxx or Cr6+)
5. Polybrominated biphenyls (PBB)
6. Polybrominated diphenyl ether (PBDE)

All of Bridgeport's products comply with the RoHS Directive. As a side note, many of our products are exempt from the RoHS Directive, as they are typically used in fixed industrial/commercial buildings and equipment.

Bridgeport Fittings, Inc. is committed to being environmentally responsible. We have obtained and maintain the proper permits, and have proper waste disposal processes and procedures in place to make sure we are compliant with all local, state, and federal environmental regulations. We also recycle our zinc scrap in house to reduce our impact on the environment.



Bridgeport Fittings, Inc. does not use any Ozone Depleting Substances in the manufacture of its products.

## HOW TO USE THIS GUIDE

This guide has been developed as an easy to use, technical reference for specifiers, contractors, and inspection authorities. It is intended for use as a guide in the selection of electrical fittings manufactured by Bridgeport Fittings, Inc. Do not use this manual as an interpretation of the National Electrical Code or local regulations. Always consult your local electrical inspector for requirements in your area.

Underwriters Laboratories, Canadian Standards Association, and Federal Specifications are current at time of publication, but are subject to change without prior notice. Current listings are noted on the smallest unit carton label. Look for the appropriate logo.

Due to ongoing product improvements or code changes, specifications and dimensions are subject to change without prior notice. For current product dimensions, consult our on-line catalog at www.bptfittings.com, or contact us.

For further assistance regarding information included in this guide, please call our Engineering Department at 203.377.5944.

## DETAILED STANDARDS

The standards by which conduit fittings are manufactured are maintained on a current basis at the Bridgeport factory. (See Appendix IV)

All questions relating to the application of these standards are welcomed. Included are relevant Underwriters' laboratories standards, Federal Specifications, and ASTM and ANSI Standards. See Appendix I, II, & III to determine the applicability of appropriate CSA, UL, NEMA, and Federal Specifications identification, standard and file numbers.

## NEC REFERENCES

National Electrical Code articles are referenced here. Included are those parts pertaining directly to use of fittings supplied by Bridgeport, together with those parts pertaining to conduits and cables for which such fittings are designed.

If you or your specifying engineers have any further questions about the application or interpretation of the NEC installations involving Bridgeport fittings, please call Bridgeport's engineering department.

Occasionally, contractors can make use of factory personnel or other resources to permit the use or substitution of Bridgeport for a specified brand or material of construction. This may enable you to standardize floor and truck inventories in order to simplify material specification and inventory investment.

## DISSIMILAR METALS

The NEC requires, where applicable, dissimilar metals in contact anywhere in the system shall be avoided to eliminate the possibility of galvanic action (NEC Articles 110.14 & 250.70), Steel EMT, steel rigid conduit, steel straps and hangers, and steel outlet and junction boxes are almost universally plated or coated with zinc or other corrosion inhibitor. Wherever Bridgeport's fittings come in contact with these raceway components, similar metals are touching, since the fittings themselves are constructed of zinc or have zinc-plated steel parts. Use of our products in the application for which they are designed, will be compliant to this requirement.

## APPENDIX I Listing File Numbers

| CATEGORY |
|---|
| Armored Cable Connectors, Type AC |
| Armored Cable Connectors, Type AC Certified for Canada |
| Caulking and Sealants Certified for Canada |
| Caulkings and Sealants |
| Conduit and Cable Hardware |
| Conduit and Cable Hardware Certified for Canada |
| Conduit Fittings |
| Conduit Fittings Certified for Canada |
| Conduit Fittings Certified for Canada |
| Conduit Fittings for Use in Hazardous Locations |
| Electrical Metallic Tubing Fittings |
| Electrical Metallic Tubing Fittings Certified for Canada |
| Metal-clad Cable Connectors, Type MC |
| Metallic Outlet Boxes |
| Metallic Outlet Boxes Certified for Canada |
| Nonmetallic-sheathed Cable Connectors |
| Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes |
| Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes Certified for Canada |
| Outlet Bushings and Fittings |
| Outlet Bushings and Fittings Certified for Canada |
| Tape, General Use |
| Transformers, Class 2 and Class 3 |
| Visual-signal Appliances |
| Visual-signal Appliances |
| Visual-signal Appliances Certified for Canada |
| Visual-signal Appliances Certified for Canada |
| Wire Connectors and Soldering Lugs |

## APPENDIX II Listing File Numbers

| Class | Class Description |
|---|---|
| 9052-01 | INSULATING DEVICES AND MATERIALS-Bushings |
| 4412-01 | OUTLET BOXES AND FITTINGS-Bushings, Fittings |
| 4412-02 | CONDUIT FITTINGS-Fittings For Metal Conduit |
| 4412-03 | CONDUIT FITTINGS - Fittings For-Nonmetallic Conduit |
| 4414-01 | FITTINGS-Armored Cable |
| 4414-03 | FITTINGS-Electrical Metallic Tubing (EMT) - Steel |
| 4414-05 | FITTINGS-Nonmetallic Sheathed Cable |
| 4414-08 | FITTINGS-Cable - Hardware |
| 4415-01 | STAPLES AND STRAPS-Armored Cable |
| 4415-02 | STAPLES AND STRAPS-Conduit |
| 4415-04 | STAPLES AND STRAPS-Electrical Metallic Tubing (EMT) |
| 9085-01 | AUTHORIZED PACKAGERS OF CSA CERTIFIED PRODUCTS- |
| 4412-02 | CONDUIT FITTINGS-Fittings For Metal Conduit |
| 4415-02 | STAPLES AND STRAPS-Conduit |
| 4412-02 | CONDUIT FITTINGS-Fittings For Metal Conduit |
| 4414-05 | FITTINGS-Nonmetallic Sheathed Cable |
| 4418-02 | OUTLET BOXES AND FITTINGS-Boxes - For Hazardous Locations |
| 4418-03 | CONDUIT FITTINGS-Fittings - For Hazardous Locations |

## APPENDIX III Bridgeport products listed by Underwriters

| Product Group | UL Standard |
|---|---|
| Rigid & IMC Conduit Bodies | UL-514A |
| Rigid & IMC Conduit Fittings | UL-514B |
| EMT Fittings | UL-514B |
| Liquid Tight Fittings | UL-514B |
| Portable Cord Fittings | UL-514B |
| Flexible Metal & AC/MC Cable Fittings | UL-514B |
| Nonmetallic Cable Fittings | UL-514B |
| Grounding Fittings | UL-467 |
| Service Entrance Fittings | UL-514B |

| FILE No. |
|---|
| E20534 |
| E20534 |
| R25422 |
| R25422 |
| E161206 |
| E161206 |
| E191572 |
| E24001 |
| E191572 |
| E312219 |
| E24001 |
| E24001 |
| E191676 |
| E11077 |
| E11077 |
| E11698 |
| E302367 |
| E302367 |
| |
| E11259 |
| E11259 |
| R14730 |
| E308949 |
| E312242 |
| E305841 |
| E312242 |
| E305841 |

| File Number |
|---|
| 71053 |
| 039354_0_000 |
| 039354_0_000 |
| 039354_0_000 |
| 039354_0_000 |
| 039354_0_000 |
| 039354_0_000 |
| 039354_0_000 |
| 039354_0_000 |
| 039354_0_000 |
| 039354_0_000 |
| 039354_0_000 |
| 052255_0_000 |
| 702847 |
| 702847 |
| 74878 |
| 74878 |
| 237741 |
| 237741 |

**Laboratories & CSA comply with the following specifications:**

| CSA Standard | NEMA Standard | Federal Specification |
|---|---|---|
| C22.2 18.3-04 | FB-1 | A-A-50563 |
| C22.2 18.3-04 | FB-1 | A-A-50553 |
| C22.2 18.3-04 | FB-1 | A-A-50553 |
| C22.2 18.3-04 | FB-1 | A-A-50552 |
| C22.2 18.3-04 | FB-1 | A-A-50552 |
| C22.2 18.3-04 | FB-1 | A-A-50552 |
| | | |
| C22.2 18.3-04 | FB-1 | A-A-50552 |
| C22.2 18.3-04 | FB-1 | A-A-50552 |
| C22.2 18.3-04 | FB-1 | A-A-50563 |

## APPENDIX IV

**Summary of current technical standards maintained on file by Bridgeport Fittings engineering department*:**

| Governing Body | Standard No. |
|---|---|
| American National Standards Institute (ANSI) | Z540<br>NEMA FB 1<br>ANSI Z1.4-A971 |
| American Society for Testing and Materials (ASTM) | ASTM B86<br>ASTM B117<br>ASTM B240<br>ASTM B633 |
| Canadian Standards Association (CSA) | C22.2 No. 0<br>C22.2 No.18<br>C22.2 No. 25<br>C22.2 No. 30 |

| Governing Body | Standard No. |
|---|---|
| Underwriters Laboratories, Inc. (UL) | UL 1<br>UL 3<br>UL 4<br>UL 6<br>UL 62<br>UL 94V<br>UL 360<br>UL 467<br>UL 486A<br>UL 486B<br>UL 514A<br>UL 514B<br>UL 514C<br>UL 651<br>UL 651A<br>UL 719<br>UL 746A<br>UL 7468<br>UL 746C<br>UL 746D<br>UL 797<br>UL 869<br>UL 870<br>UL 886 |
| United States of America Federal Specifications | A-A-50552<br>A-A-50553<br>A-A-50563 |
| United States of America Military Specifications | MIL-Q-9858<br>MIL-I-45208<br>MIL-C-45662 |

*** If required, other standards may be obtained as needed.**

# APPENDIX V

**Bridgeport Fittings, Inc.**
**Other Raw Material Specifications**

## Steel, SAE 1050 Series (Fittings, Covers, Brackets, Straps)

| Mechanical Properties | |
|---|---|
| Tensile Strength, Yield (PSI) | 45000-90000 |
| Elongation Ultimate % | 0-39 |
| Hardness (Rockwell) (varies by temper) | B55 to B90 |

## Plastic, Polypropylene (Insulating Bushings, Metaliners, Insulators, Lock-A-Liners)

| Mechanical Properties | |
|---|---|
| Tensile Strength, Yield (PSI) | 3600-4200 |
| Elongation Ultimate % | 3-15 |
| Impact Strength Izod, Notched (Ft.-Lb./In.) | 2.2 |
| Hardness | R60-R105 |

## Plastic, Polypropylene, High Density (Liquid Tight Gland Seals and Pull Caps)

| Mechanical Properties | |
|---|---|
| Tensile Strength, Yield (PSI) | 3400-3800 |
| Elongation Ultimate % | 600-900 |
| Impact Strength Izod, Notched (Ft.-Lb./In.) | 1.2-2.0 |
| Hardness | D60-70 |

## Plastic, Polypropylene, Medium Density (Liquid Tight Knockout Gaskets, Anti-Short Bushings)

| Mechanical Properties | |
|---|---|
| Tensile Strength, Yield (PSI) | 2000 |
| Elongation Ultimate % | 200 |
| Impact Strength Izod, Notched (Ft.-Lb./In.) | ---- |
| Hardness | D55 |

## Plastic, Electrical Grade Rigid PVC (Box Extenders, Device Holders)

| Mechanical Properties | | ASTM Method |
|---|---|---|
| Tensile Strength, PSI | 6200 | D638 |
| Ultimate Elongation, % | 150 | D638 |
| Flexural Strength, PSI | 11900 | D790 |
| Flexural Modulus, PSI | 435000 | D790 |
| Heat Deflection Temp. (1/8" Un-annealed) | 158ºF(70ºC) | D648 |

# APPENDIX VI

**Bridgeport Fittings, Inc.**
**Casting Alloy Material Specifications**

## Die Cast Zinc, Alloy #7 (ZAMAK)

### Mechanical Properties (as cast)

| | |
|---|---|
| Tensile Strength, PSI | 41000 |
| Impact Strength - Ft./Lbs. Charpy | 40 |
| Brinell Hardness, 500kg 20mm 30 sec | 76 |
| Elongation in 2", % | 14 |
| Shear Strength, PSI | 31000 |
| Compressive Strength | 60000 |
| Mod. of Rupture, PSI | 95000 |

### Physical Properties

| | |
|---|---|
| Melting Point (ºF) | 728 |
| Density (Lbs./Cu. In.) | .240 |
| Coefficient of Thermal Expansion (uln./In. x 10 - 6 Deg. F) | 15.2 |
| Specific Conductivity | .10 |
| Thermal Conductivity (Cal./Sec. Sq.-Cm./Degrees C) | .27 |
| Elec. Conductivity, % Cu Std. | 26 |

### Chemical Compositions %

| | |
|---|---|
| Al | 3.5 - 4.3 |
| Mg | .005 - .020 |
| Cu Max. | .25 |
| Fe Max. | .075 |
| Pb Max. | .003 |
| Cd. Max | .002 |
| Sn Max. | .001 |
| Ni | .005 - .020 |
| Zn* | Remainder |

*99.99+ % Purity

Note: Zinc base alloy ingot for die casting may contain nickel, chromium, silicon, and manganese in amounts up to their solubility (0.02%, 0.02%, 0.035%, and about 0.5% respectively) at the freezing temperature.

No harmful effects have ever been noted due to the presence of these elements in these concentrations, and therefore analyses are not required for these elements.

## Die Cast Zinc, Alloy #3 (ZAMAK)

### Mechanical Properties (as cast)

| | |
|---|---|
| Tensile Strength, PSI | 41000 |
| Impact Strength - Ft./Lbs. Charpy | 40 |
| Brinell Hardness, 500kg 20mm 30 sec | 76 |
| Elongation in 2", % | 14 |
| Shear Strength, PSI | 31000 |
| Compressive Strength | 60000 |
| Mod. of Rupture, PSI | 95000 |

### Physical Properties

| | |
|---|---|
| Melting Point (ºF) | 728 |
| Density (Lbs./Cu. In.) | .240 |
| Coefficient of Thermal Expansion (uIn./In. x 10 - 6 Deg. F) | 15.2 |
| Specific Conductivity | .10 |
| Thermal Conductivity (Cal./Sec. Sq.-Cm./Degrees C) | .27 |
| Elec. Conductivity, % Cu Std. | 26 |

### Chemical Compositions %

| | |
|---|---|
| Al | 3.5 - 4.3 |
| Mg | .020 - .05 |
| Cu Max. | .25 |
| Fe Max. | .10 |
| Pb Max. | .005 |
| Cd. Max | .004 |
| Sn Max. | .003 |
| Ni | – |
| Zn* | Remainder |

*99.99+ % Purity

Note: Zinc base alloy ingot for die casting may contain nickel, chromium, silicon, and manganese in amounts up to their solubility (0.02%, 0.02%, 0.035%, and about 0.5% respectively) at the freezing temperature.

No harmful effects have ever been noted due to the presence of these elements in these concentrations, and therefore analyses are not required for these elements.

## APPENDIX VI (continued)

### Sand Cast Zinc, Alloy ZA-12

#### Mechanical Properties (as cast)

| | |
|---|---|
| Tensile Strength, PSI | 40000-45000 |
| Yield Strength .2% Offset, PSI | 3000 |
| Elongation in 2", % | 1-3 |
| Brinell Hardness | 92-96 |

#### Physical Properties

| | |
|---|---|
| Melting Point (ºF) | 710-810 |
| Density (Lbs./Cu. In.) | .218 |
| Elec. Conductivity (% IACS) | 25 |

#### Chemical Compositions %

| | |
|---|---|
| Al | 11 |
| Mg | .02 |
| Cu | .75 |
| Zn | Remainder |

### Die Cast Aluminum, Alloy 380

#### Mechanical Properties (as cast)

| | |
|---|---|
| Tensile Strength, PSI | 46000 |
| Yield Strength, PSI | 23000 |
| Elongation in 2", % | 2.5 |
| Brinell Hardness | 80 |

#### Physical Properties

| | |
|---|---|
| Solid temperature Range, (ºF) | 1000-1100 |
| Density (Lbs./Cu. In.) | .098 |
| Electrical Conductivity (% IACS) | 23 |

#### Chemical Compositions %

| | |
|---|---|
| Si | 7.5-9.5 |
| Cu | 3.0-4.0 |
| Mg Max. | 0.10 |
| Zn Max. | 3.0 |
| Fe Max. | 2.0 |
| Mn Max. | 0.50 |
| Al | Remainder |

### Sand Cast Malleable Iron, Ferretic

#### Mechanical Properties (as cast)

| | |
|---|---|
| Min. Tensile Strength, PSI | 50000 |
| Min. Yield Strength, PSI | 32000 |
| Min. Elongation in 2", % | 10 |
| Brinell Hardness | 156 |

#### Standards

| | |
|---|---|
| ASTM Spec. A-47-77 | Grade 32510 |
| SAE Spec. J158 | Grade M3210 |

### Sand Cast Ductile Iron

#### Mechanical Properties (as cast)

| | |
|---|---|
| Min. Tensile Strength, PSI | 60000 |
| Min. Yield Strength, PSI | 40000 |
| Min. Elongation in 2", % | 18 |

#### Standards

| | |
|---|---|
| ASTM A536-80 | Grade 32510 |
| MIL-I-11466 | Class 6 |

### Sand Cast Yellow Brass

#### Mechanical Properties (as cast)

| | |
|---|---|
| Min. Tensile Strength, PSI | 38000 |
| Min. Yield Strength, PSI | – |
| Min. Elongation in 2", % | 17 |

#### Standards

Commercial Grade

### Sand Cast Red Brass (Bronze)

#### Mechanical Properties (as cast)

| | |
|---|---|
| Min. Tensile Strength, PSI | 37000 |
| Min. Yield Strength, PSI | – |
| Min. Elongation in 2", % | 17 |

#### Standards

ASTM B-62-52, B-145-52-4A
MIL-B-16444
SAE 40

## APPENDIX VII

### UL 797, Recommended Dimensions For EMT Conduit

| Trade Size | O.D. Min. | O.D. Max. | I.D. |
|---|---|---|---|
| 1/2" | .701" | .711" | .622" |
| 3/4" | .917" | .927" | .824" |
| 1" | 1.158" | 1.168" | 1.049" |
| 1 1/4" | 1.505" | 1.515" | 1.380" |
| 1 1/2" | 1.735" | 1.745" | 1.610" |
| 2" | 2.192" | 2.202" | 2.067" |
| 2 1/2" | 2.865" | 2.885" | 2.731" |
| 3" | 3.485" | 3.515" | 3.356" |
| 3 1/2" | 3.980" | 4.020" | 3.834" |
| 4" | 4.480" | 4.520" | 4.334" |

### UL 6, Recommended Dimensions For Rigid Conduit

| Trade Size | Threads Per Inch | O.D. | I.D. |
|---|---|---|---|
| 1/2" | 14 | .840" | .622" |
| 3/4" | 14 | 1.050" | .824" |
| 1" | 11-1/2 | 1.315" | 1.049" |
| 1 1/4" | 11-1/2 | 1.660" | 1.380" |
| 1 1/2" | 11-1/2 | 1.900" | 1.610" |
| 2" | 11-1/2 | 2.375" | 2.067" |
| 2 1/2" | 8 | 2.875" | 2.469" |
| 3" | 8 | 3.500" | 3.068" |
| 3 1/2" | 8 | 4.000" | 3.548" |
| 4" | 8 | 4.500" | 4.026" |
| 5" | 8 | 5.563" | 5.047" |
| 6" | 8 | 6.635" | 6.065" |

## UL1, Recommended Dimensions For Flexible Metal Conduit

| Trade Size | O.D. Min. | O.D. Max. | I.D. Min. | I.D. Max. |
|---|---|---|---|---|
| 3/8" | .560" | .610" | .375" | .393" |
| 1/2" | .860" | .920" | .625" | .645" |
| 3/4" | 1.045" | 1.105" | .812" | .835" |
| 1" | 1.300" | 1.380" | 1.000" | 1.040" |
| 1 1/4" | 1.550" | 1.630" | 1.250" | 1.300" |
| 1 1/2" | 1.850" | 1.950" | 1.500" | 1.575" |
| 2" | 2.350" | 2.450" | 2.000" | 2.080" |
| 2 1/2" | 2.860" | 3.060" | 2.500" | -------- |
| 3" | 3.360" | 3.560" | 3.000" | -------- |
| 3 1/2" | 3.860" | 4.060" | 3.500" | -------- |
| 4" | 4.360" | 4.560" | 4.000" | -------- |

## UL 360, Recommended Dimensions For Liquid Tight Flexible Steel Conduit

| Trade Size | O.D. Min. | O.D. Max. | I.D. Min. | I.D. Max. |
|---|---|---|---|---|
| 3/8" | .690" | .710" | .484" | .504" |
| 1/2" | .820" | .840" | .622" | .642" |
| 3/4" | 1.030" | 1.050" | .820" | .840" |
| 1" | 1.290" | 1.315" | 1.041" | 1.066" |
| 1 1/4" | 1.630" | 1.660" | 1.380" | 1.410" |
| 1 1/2" | 1.865" | 1.900" | 1.575" | 1.600" |
| 2" | 2.340" | 2.375" | 2.020" | 2.045" |
| 2 1/2" | 2.840" | 2.875" | 2.480" | 2.505" |
| 3" | 3.460" | 3.500" | 3.070" | 3.100" |
| 3 1/2" | 3.960" | 4.000" | 3.500" | 3.540" |
| 4" | 4.460" | 4.500" | 4.000" | 4.040" |

## APPENDIX VIII

Die Cast Aluminum Conduit Bodies

| Trade Size | Maximum Number of Conductors | | | | | |
|---|---|---|---|---|---|---|
| | LB | C | LL | LR | T | LLR |
| 1/2" | N/A | N/A | N/A | N/A | N/A | – |
| 3/4" | 6 AWG | 6 AWG | 6 AWG | 6 AWG | 6 AWG | – |
| 1" | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG |
| 1 1/4" | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG |
| 1 1/2" | 3 - 1/0 AWG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 2 AWAG | 3 - 1/0 AWG |
| 2" | 3 - 4/0 AWG | 3 - 2/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 3/0 AWG |
| 2 1/2" | 300 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 2/0 AWG | – |
| 3" | 350 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | – |
| 3 1/2" | 3 - 400 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | – |
| 4" | 3 - 400 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | 3 - 250 MCM | – |

| Trade Size | Volume in Cu. In. | | | | | |
|---|---|---|---|---|---|---|
| | LB | C | LL | LR | T | LLR |
| 1/2" | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 5.5 |
| 3/4" | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 9.0 |
| 1" | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 15.0 |
| 1 1/4" | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 39.5 |
| 1 1/2" | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 40.8 |
| 2" | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 88.5 |
| 2 1/2" | 152.5 | 157.4 | 157.4 | 157.4 | 157.4 | – |
| 3" | 152.5 | 179.8 | 179.8 | 179.8 | 179.8 | – |
| 3 1/2" | 311.8 | 323.0 | 323.0 | 323.0 | 323.0 | – |
| 4" | 311.8 | 323.0 | 323.0 | 323.0 | 323.0 | – |

## Malleable Iron Conduit Bodies

| Trade Size | Maximum Number of Conductors | | | | |
|---|---|---|---|---|---|
| | LB | C | LL | LR | T |
| 1/2" | N/A | N/A | N/A | N/A | N/A |
| 3/4" | 3 - 6 AWG | 3 - 6 AWG | 3 - 6 AWG | 3 - 6 AWG | 3 - 6 AWG |
| 1" | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG | 3 - 4 AWG |
| 1 1/4" | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG | 3 - 2 AWG |
| 1 1/2" | 3 - 1/0 AWG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 1/0 AWAG | 3 - 1 AWAG |
| 2" | 3 - 3/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 4/0 AWG | 3 - 2/0 AWG |
| 2 1/2" | 3 - 250 MCM | 3 - 300 MCM | 3 - 300 MCM | 3 - 300 MCM | 3 - 4/0 AWG |
| 3" | 3 - 250 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 4/0 AWG |
| 3 1/2" | 3 - 350 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 500 MCM | 3 - 350 MCM |
| 4" | 3 - 350 MCM | 3 - 350 MCM | 3 - 350 MCM | 3 - 500 MCM | 3 - 350 MCM |

| Trade Size | Volume in Cu. In. | | | | |
|---|---|---|---|---|---|
| | LB | C | LL | LR | T |
| 1/2" | 4.5 | 4.5 | 4.5 | 4.5 | 6.0 |
| 3/4" | 7.5 | 7.5 | 7.5 | 7.5 | 9.5 |
| 1" | 12.5 | 12.5 | 12.5 | 12.5 | 15.0 |
| 1 1/4" | 32.3 | 32.3 | 32.3 | 32.3 | 33.0 |
| 1 1/2" | 35.3 | 35.3 | 35.3 | 35.3 | 36.0 |
| 2" | 73.0 | 73.0 | 73.0 | 73.0 | 75.0 |
| 2 1/2" | 138.0 | 138.0 | 138.0 | 138.0 | 138.0 |
| 3" | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 |
| 3 1/2" | 300.0 | 300.0 | 300.0 | 300.0 | 300.0 |
| 4" | 328.0 | 328.0 | 328.0 | 328.0 | 328.0 |

## APPENDIX IX

### Connector Compatibility

| Cable Fitting | Enclosure Opening K.O. Size | Cable Outer Diameter (O.D.) Range | Cable Types Listed To: Note: Includes Steel and Aluminum |
|---|---|---|---|
| 280-DCX | 1/2" | .43 - .61 | AC/MC/MCI-A |
| 280SP | 1/2" | .43 - .61 | AC/MC/MCI-A |
| 38ADS | 1/2" | .40-.63 | AC/MC/MCI-A |
| 38ACDS | 1/2" | .40-.63 | AC/MC/MCI-A |
| 3838ASP | 1/2" | .38 - .59 | AC/MC/MCI-A |
| 3838SP | 1/2" | .38 - .59 | AC/MC/MCI-A |
| 403-DC2 | 1/2" | .56 - .61 | AC/MC |
| 403-I | 1/2" | .48 - .86 | AC/MC/MCI-A |
| 407-DC2 | 1/2" | .86 - .92 | AC |
| 407-DCI2 | 1/2" | .86 - .92 | AC |
| 407-DC2G | 1/2" | .86 - .92 | AC |
| 4057-DC | 3/4" | .43 - .61 | AC/MC/MCI-A |
| 4058-DC | 3/4" | .43 - .61 | AC/MC/MCI-A |
| 4157-DC | 3/4" | .43 - .61 | AC/MC/MCI-A |
| 501-DC2 | 1/2" | .43 - .61 | MC/MCI-A |
| 545-DC2 | 1/2" | .44 - .61 | AC/MC/MCI-A |
| 560ASP | 1/2" | .43 - .61 | AC/MC/MCI-A |
| 560-DC2 | 1/2" | .44 - .61 | AC/MC/MCI-A |
| 560-DCI2 | 1/2" | .44 - .61 | AC/MC/MCI-A |
| 560MCIA | 1/2" | .38 - .55 | MC/MCI-A |
| 560-MCIA2 | 1/2" | .38 - .61 | MC/MCI-A |
| 560SP | 1/2" | .43 - .61 | AC/MC/MCI-A |
| 561-DC2 | 3/4" | .61 - .87 | AC/MC |
| 561-DCI2 | 3/4" | .61 - .87 | AC/MC |
| 563-DC2 | 1/4" | | AC/MC |
| 565-DC2 | 1/2" | .38 - .53 | MC/MCI-A |
| 566-DC2 | 1/2" | .44 - .53 | AC/MC/MCI-A |
| 570-DC2 | 1/2" | .42 - .61 | AC/MC/MCI-A |
| 570-DCI2 | 1/2" | .42 - .61 | AC/MC/MCI-A |
| 570-DCR2 | 1/2" | .43 - .61 | AC/MC/MCI-A |
| 570-GI | 1/2" | .42 - .61 | AC/MC/MCI-A |
| 570-RI | 1/2" | .42 - .61 | AC/MC/MCI-A |
| 570-S | 1/2" | .44 - .66 | AC/MC/MCI-A |
| 571-DC2 | 1/2" | .70 - .855 | AC/MC/MCI-A |
| 571-DCI2 | 1/2" | .70 - .855 | AC/MC/MCI-A |
| 571-S | 1/2" | .701 - .855 | MC/MCI-A |
| 571-SI | 1/2" | .701 - .855 | MC/MCI-A |
| 572-DC2 | 3/4" | .945 - 1.035 | MC |
| 572-DCI2 | 3/4" | .945 - 1.035 | MC |
| 572-S | 3/4" | 0.945 | MC |
| 572-SI | 3/4" | 0.945 | MC |
| 573-DC2 | 1" | 1.18 - 1.35 | MC |
| 573-DCI2 | 1" | 1.18 - 1.35 | MC |
| 573-S | 1" | 1.18 - 1.35 | MC |
| 573-SI | 1" | 1.18 - 1.35 | MC |
| 590-DC2 | 1/2" | .43 - .61 | AC/MC/MCI-A |

| | Healthcare Facility Cable | Flexible Metal Conduit<br>Note: Includes Steel and Aluminum (RWFMC) | Recommended Cable Types<br>Note: Verify with cable O.D. Includes Steel and Aluminum |
|---|---|---|---|
| | | 3/8" FMC | 14/2 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |
| | HCF | 3/8" FMC | 14/2 to 10/3 |
| | HCF | 3/8" FMC | 14/2 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/2 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/2 |
| | HCF | 3/8" FMC | 12/3 to 10/3 |
| | HCF | 3/8" FMC | 14/4 to 6/3 |
| | HCF | 1/2" FMC | |
| | HCF | 1/2" FMC | |
| | HCF | 1/2" FMC | |
| | | 3/8" FMC | 14/2 to 10/3 |
| | | 1/2" FMC | 10/4 to 6/4 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |
| | | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 12/2 to 10/4 |
| | HCF/HCFMCI-A | 3/8" FMC | 12/2 to 10/4 |
| | HCFMCI-A | | 14/2 to 10/3 |
| | HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |
| | HCF | | 10/4 to 8/3 |
| | HCF | | 10/4 to 8/3 |
| | HCF | | 14/2 to 12/2 |
| | HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | | 12/2 to 10/3 |
| | HCF/HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | | 18/2 to 12/4 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/2 |
| | HCF/HCFMCI-A | 1/2" FMC | 8/3 to 6/3 |
| | HCF/HCFMCI-A | 1/2" FMC | 8/3 to 6/3 |
| | HCFMCI-A | 1/2" FMC | 8/3 to 6/3 |
| | HCFMCI-A | 1/2" FMC | 8/3 to 6/3 |
| | | 3/4" FMC | 4/3 to 3/4 |
| | | 3/4" FMC | 4/3 to 3/4 |
| | | 3/4" FMC | 4/3 |
| | | 3/4" FMC | 4/3 |
| | | 1" FMC | 2/3 to 3-2/0 |
| | | 1" FMC | 2/3 to 3-2/0 |
| | | 1" FMC | 2/3 to 3-2/0 |
| | | 1" FMC | 2/3 to 3-2/0 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |

## APPENDIX IX (continued)

Connector Compatibility

| Cable Fitting | Enclosure Opening K.O. Size | Cable Outer Diameter (O.D.) Range | Cable Types Listed To: Note: Includes Steel and Aluminum |
|---|---|---|---|
| 590-DCI2 | 1/2" | .43 - .61 | AC/MC/MCI-A |
| 595-DC2 | 1/2" | .50 - .61 | JMC/ TECK90 |
| 595-DC2C | 1/2" | .50 - .61 | JMC/ TECK90 |
| 595-DCI2 | 1/2" | .50 - .61 | JMC/ TECK90 |
| 596-DC2 | 1/2" | .61 - .69 | JMC/ TECK90 |
| 596-DC2C | 1/2" | .61 - .69 | JMC/ TECK90 |
| 596-DCI2 | 1/2" | .61 - .69 | JMC/ TECK90 |
| 601-DC2 | 1/2" | .375 - .625 | AC/MC/MCI-A |
| 621-DC2 | 3/4" | .44 -. 70 | AC/MC/MCI-A |
| 653-DC2 | 1/2" | .675 - .90 | AC |
| 655-DC2 | 3/4" | .85 - 1.10 | AC/MC |
| 657-DC2 | 1" | 1.03 - 1.31 | AC/MC |
| 682-DC2 | 3/4" | .530 - .865 | AC/MC |
| 683-DC2 | 1" | .875 - 1.04 | MC |
| 684-DC2 | 1-1/4" | 1.1 - 1.25 | MC |
| 685-DC2 | 1-1/2" | 1.25 - 1.5 | MC |
| 686-DC2 | 2" | 1.75 - 2.00 | MC |
| 687-DC2 | 2-1/2" | 2 - 2.5 | MC |
| 688-DC2 | 3" | 2.375 - 3 | MC |
| 689-DC2 | 3-1/2" | 2.75 - 3.50 | MC |
| 683-DCI2 | 1" | .750 - 1.04 | MC |
| 684-DCI2 | 1-1/4" | 1.1 - 1.25 | MC |
| 685-DCI2 | 1-1/2" | 1.25 - 1.5 | MC |
| 686-DCI2 | 2" | 1.75 - 2.00 | MC |
| 687-DCI2 | 2-1/2" | 2 - 2.5 | MC |
| 688-DCI2 | 3" | 2.375 - 3 | MC |
| 689-DCI2 | 3-1/2" | 2.75 - 3.50 | MC |
| 683-DCX2 | 1" | .875 - 1.04 | MC |
| 684-DCX2 | 1-1/4" | 1.1 - 1.25 | MC |
| 685-DCX2 | 1-1/2" | 1.25 - 1.5 | MC |
| 686-DCX2 | 2" | 1.5 - 1.85 | MC |
| 687-DCX2 | 2-1/2" | 2 - 2.5 | MC |
| 688-DCX2 | 3" | 2.375 - 3 | MC |
| 689-DCX2 | 3-1/2" | 2.75 - 3.50 | MC |
| 683-XM | 1" | 0.84 - 1.10 | AC/MC |
| 684-XM | 1-1/4" | 1.05 - 1.34 | AC/MC |
| 685-XM | 1-1/2" | 1.34 - 1.52 | AC/MC |
| 686-XM | 2" | 1.52 - 1.95 | AC/MC |
| 687-XM | 2-1/2" | 1.95 - 2.50 | MC |
| 688-XM | 3" | 2.47 - 2.86 | MC |
| 689-XM | 3-1/2" | 2.65 - 3.20 | MC |
| 691-DC2 | 1/2" | .42 - .61 | AC/MC/MCI-A |
| 801-DC2 | 1/2" | .45 - .625 | MC/MCI-A |
| 802ASP | 1/2" | .48 - .58 | AC/MC |

| | Healthcare Facility Cable | Flexible Metal Conduit<br>Note: Includes Steel and Aluminum (RWFMC) | Recommended Cable Types<br>Note: Verify with cable O.D. Includes Steel and Aluminum |
|---|---|---|---|
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |
| | | | 12/2 to 10/3 |
| | | | 12/2 to 10/3 |
| | | | 12/2 to 10/3 |
| | | | 10/4 to 8/3 |
| | | | 10/4 to 8/3 |
| | | | 10/4 to 8/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/4 to 8/3 |
| | HCF | 1/2" FMC | 8/2 to 6/4 |
| | HCF | 3/4" FMC | 6/3 to 4/3 |
| | HCF | 1" FMC | 4/3 to 1/3 |
| | HCF | | 10/3 to 6/4 |
| | | | 6/4 to 4/3 |
| | | | 4/4 to 3/4 |
| | | | 2/4 to 3-2/0 |
| | | | 4-4/0 to 4-250 MCM |
| | | | 4-300 MCM to 4-500 MCM |
| | | | 4-500 MCM to 4-750 MCM |
| | | | 4-600 MCM to 4-750 MCM |
| | | | 6/4 to 4/3 |
| | | | 4/4 to 3/4 |
| | | | 2/4 to 3-2/0 |
| | | | 4-4/0 to 4-250 MCM |
| | | | 4-300 MCM to 4-500 MCM |
| | | | 4-500 MCM to 4-750 MCM |
| | | | 4-600 MCM to 4-750 MCM |
| | | | 6/4 to 4/3 |
| | | | 4/4 to 3/4 |
| | | | 2/4 to 3-2/0 |
| | | | 3-4/0 to 4-250 MCM |
| | | | 4-300 MCM to 4-500 MCM |
| | | | 4-500 MCM to 4-750 MCM |
| | | | 4-600 MCM to 4-750 MCM |
| | HCF | | 6/4 to 4/4 |
| | HCF | | 4/4 to 4-1/0 |
| | HCF | | 3-1/0 to 4-2/0 |
| | HCF | | 4-3/0 to 3-350 MCM |
| | | | 3-350 MCM to 4-500 MCM |
| | | | 4-500 MCM to 4-750 MCM |
| | | | 4-500 MCM to 4-900 MCM |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |
| | HCFMCI-A | 3/8" FMC | 14/4 to 10/4 |
| | HCF | 3/8" FMC | 12/2 to 10/3 |

## APPENDIX IX (continued)

Connector Compatibility

| Cable Fitting | Enclosure Opening K.O. Size | Cable Outer Diameter (O.D.) Range | Cable Types Listed To: Note: Includes Steel and Aluminum |
|---|---|---|---|
| 802-DC2 | 1/2" | .48 - .58 | AC/MC |
| 802-DCI2 | 1/2" | .48 - .58 | AC/MC |
| 802SP | 1/2" | .48 - .58 | AC/MC |
| 802MCIA | 1/2" | .42 - .55 | MC/MCI-A |
| 802-MCIA2 | 1/2" | .42 - .55 | MC/MCI-A |
| 804-DC2 | 1/2" | .75 - .875 | MC |
| 804-DCI2 | 1/2" | .75 - .875 | MC |
| 806-DC2 | 3/4" | .875 - 1.00 | MC |
| 806-DCI2 | 3/4" | .875 - 1.00 | MC |
| 807-DC2 | 1" | 1.187 - 1.312 | MC |
| 807-DCI2 | 1" | 1.187 - 1.312 | MC |
| 808-DC2 | 1-1/4" | 1.50 - 1.625 | MC |
| 808-DC2 | 1-1/4" | 1.50 - 1.625 | MC |
| 830-DC2 | 1/2" | .44 - .61 | AC |
| 8400ASP | 1/2" | .38 - .525 | AC/MC/MCI-A |
| 8400SP | 1/2" | .38 - .61 | AC/MC/MCI-A |
| 840SP | 1/2" | .44 - .61 | AC/MC/MCI-A |
| 845ASP | 1/2" | .43 - .61 | AC/MC/MCI-A |
| 845SP | 1/2" | .43 - .61 | AC/MC/MCI-A |
| 84690SP | 1/2" | .42 - .61 | AC/MC/MCI-A |
| 846SP | 1/2" | .38 - .625 | AC/MC/MCI-A |
| 850SP | 1/2" | .55 - .61 | AC/MC |
| 851ASP | 1/2" | | |
| 851-DC2 | 1/2" | | |
| 851-DCI2 | 1/2" | | |
| 851SP | 1/2" | | |
| 895-DC2 | 1/2" | .50 - .61 | JMC/ TECK90 |
| 895-DCI2 | 1/2" | .50 - .61 | JMC/ TECK90 |
| 895-DC2C | 1/2" | .50 - .61 | JMC/ TECK90 |
| AMC-50 | 1/2" | .40 - .62 | AC/MC/MCI-A |
| AMC-5075 | 1/2" | .62 - .92 | AC/MC/MCI-A |
| AMC-52 | 1/2" | .43 - .62 | AC/MC/MCI-A |
| AMC-75 | 3/4" | .56 - .81 | AC/MC |
| BL-17 | 1/2" | .701 - .803 | 8/3 AC90 |
| BL-17I | 1/2" | .701 - .803 | 8/3 AC90 |
| BL-18 | 3/4" | | 6/3 AC90 ONLY |
| BL-18I | 3/4" | | 6/3 AC90 ONLY |
| BL-19 | 1" | | 3/3 AC90 |
| BL-19I | 1" | | 3/3 AC90 |
| SG3838ASP | 1/2" | .42 - .61 | AC/MC/MCI-A |
| SG38ASP | 1/2" | .43 - .61 | AC/MC/MCI-A |
| SG38SP | 1/2" | .43 - .61 | AC/MC/MCI-A |
| SG38MCIA | 1/2" | .38 - .56 | MC/MCI-A |

| | Healthcare Facility Cable | Flexible Metal Conduit<br>Note: Includes Steel and Aluminum (RWFMC) | Recommended Cable Types<br>Note: Verify with cable O.D. Includes Steel and Aluminum |
|---|---|---|---|
| | HCF | 3/8" FMC | 12/2 to 10/3 |
| | HCF | 3/8" FMC | 12/2 to 10/3 |
| | HCF | 3/8" FMC | 12/2 to 10/3 |
| | HCFMCI-A | | 14/4 to 10/3 |
| | HCFMCI-A | | 14/4 to 10/3 |
| | | 1/2" FMC | |
| | | 1/2" FMC | |
| | | 3/4" FMC | |
| | | 3/4" FMC | |
| | | 1" FMC | |
| | | 1" FMC | |
| | | 1-1/4" FMC | |
| | | 1-1/4" FMC | |
| | HCF | 3/8" FMC | 12/2 to 10/3 |
| | HCF/HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/4 to 10/3 |
| | HCF/HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | | 14/2 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/4 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/4 |
| | HCF | 3/8" FMC | 12/2 to 10/3 |
| | | 1/2" FMC | |
| | | 1/2" FMC | |
| | | 1/2" FMC | |
| | | 1/2" FMC | |
| | | | 12/2 to 10/3 |
| | | | 12/2 to 10/3 |
| | | | 12/2 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |
| | HCF/HCFMCI-A | 1/2" FMC | 10/4 to 6/4 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |
| | HCF | 1/2" FMC | 10/3 to 6/3 |
| | HCF | 1/2" FMC | 8/3 |
| | HCF | 1/2" FMC | 8/3 |
| | | 3/4" FMC | 6/3 |
| | | 3/4" FMC | 6/3 |
| | | 1" FMC | 3/3 |
| | | 1" FMC | 3/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/2 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/4 to 10/3 |
| | HCF/HCFMCI-A | 3/8" FMC | 14/4 to 10/3 |
| | HCFMCI-A | | 14/2 to 10/3 |

# Installation FAQ's

*The following FAQ'S are not an interpretation of the National Electrical Code (NEC) or local regulations. Always consult your local electrical inspector for specific requirements in your area.*

### *Why Can't Plastic Insulating Bushings Be Used To Connect A Conduit To An Enclosure?*



Plastic insulating bushings must be used in conjunction with two locknuts when connecting threaded rigid or IMC conduit, containing No. 4 or larger un-grounded conductors, to boxes or enclosures.

Bushings composed entirely of plastic cannot be used to secure conduit to the enclosure. A locknut is required on the inside and outside of the enclosure in addition to the plastic insulating bushing.

Temperature rating of the plastic insulating bushing must not be less than the insulation rating of the conductors.

### *What Is The Proper Method For Securing AC and MC Cables?*



NEC Articles 320.30 and 330.30 denotes the different requirements for securing Armored and Metal Clad cables. Although similar in appearance, each cable has unique requirements.

Armored cable [NEC Article 320.30(C)] must be secured at intervals not exceeding 4-1/2 feet and within 12" of box or fitting.

Metal Clad cable [NEC Article 330.30(B)] must be secured at least every 6 feet. Cables with four or fewer conductors "sized 10 AWG or less" must be secured within 12" of box or fitting.

### *Why Use Steel Safety Plates?*



NEC Article 300.4(F) specifies that cable or raceway-type wiring may be installed in wooden stud grooves, to be covered by wallboard or similar covering, if protected by 1/16" thick steel plate. The steel plate must have the same width as the stud, and must be securely fastened to the stud.

### *Why Do "Concrete-Tight" Listed Fittings Need Tape?*



Raceway systems such as EMT and rigid conduit are permitted by most codes to be embedded in concrete. The solid exterior of these conduits eliminates the possibility of concrete entrance, however, the termination with the connector or coupling can be susceptible to concrete entering the raceway.

The UL 514B testing procedure requires the connector or coupling to be assembled to the conduit inside a special concrete form. Then Portland-type concrete is poured into the form and over test samples. Then the concrete slurry is vibrated to remove any trapped air, and allowed to cure. After concrete curing, the fittings are chipped out of the concrete and examined for concrete penetration.

Although compression style connectors and couplings pass these tests in all trade sizes because of the gland ring design, the set screw types may have difficulty conforming to UL or CSA concrete penetration requirements. When the set screw is tightened onto the conduit, the fitting and/or conduit material will "yield", or stretch, enough to create an opening at the conduit/fitting connection.

Set screw fittings in the smaller (1/2", 3/4", and 1") trade sizes are less likely to stretch to the point that would permit entrance of concrete. However, 1-1/4" and larger size fittings will yield enough so that concrete can enter the raceway. UL and CSA will accept product carton marking that specify "Concrete-Tight When Taped" on fittings that cannot pass testing, since the tape prevents entrance of concrete into the raceway. The taped joint must completely encircle the conduit/fitting connection. We recommend using duct tape or similar type of durable tape.

### *What Are The NEC Requirements For Use Of an Anti-Short Bushing?*



When installing ARMORED CABLE (Type AC), NEC Article 320 mandates the use of a insulating bushing (commonly referred to as Anti-Short or Redhead) between the metal sheath and the conductors. Fittings with insulated throats are not a substitute for the anti-short bushing.

When installing METAL-CLAD CABLE (Type MC), the NEC does not require the use of a Anti-Short insulating bushing. MC Cable conductors are usually wrapped with Mylar tape for protection; use of anti-short bushing is optional unless specified otherwise by the cable manufacturer.

### *Can Liquid Tight Connectors Be Used For Class 1, Div 2 Locations?*



NEC Article 501.30(B), exception (1), (2), (3) will permit the use of liquidtight flexible metal conduit and liquidtight connectors to be the sole equipment grounding conductor in Class 1, Division 2 locations. However, strict requirements must be met:

- Conduit and connectors must be UL Listed.
- Conduit cannot exceed 6 feet in length.
- Over-current protection in the circuit is limited to 10 amperes or less.
- It supplies other than power utilization loads.

### *Can Beam Clamps Be UL Listed?*



In 1998, UL began listing electrical hardware devices such as Beam Clamps. This was at the request of the electrical industry, including contractors, who became confused regarding the correct application and strength of Beam Clamps.

UL Listed Beam Clamps are manufactured from malleable iron or steel with a hardened screw to secure the clamp to the beam. Clamps are tapped in two places for attachment of threaded rod, conduit hanger, or bridle ring.

UL Listed beam clamps are only for use with rigid, IMC, or EMT conduits. Spacing of clamps must comply with strap requirements found in the National Electrical Code.

Refer to Bridgeport's carton label for conduit size and type, maximum loading, screw torque, or any special assembly requirements.

### *What Is The Difference Between Metal Clad and Armored Cable Connectors?*



NEC Article 300.15 specifies that fittings can only be used with wiring methods for which they are designed and listed. Most manufacturers have received dual usage listings for these types of connectors; however, you should not assume all fittings have the dual listing. While the appearance of Metal Clad (MC) and Armored Cable (AC) connectors may be similar, the misuse of an AC cable connector can be significant enough to cause an unsafe installation with metal clad cable.

During the listing process at Underwriters Laboratories (UL), MC connectors are subjected to more stringent testing than a typical AC connector. Additional tests are necessary to comply with application requirements of metal clad cable in the NEC.

UL Listed metal clad cable connectors are suitable for grounding when installed in accordance with the NEC. 'Dry Type' MC connectors may be 'concrete tight' when taped and used with PVC coated metal clad cable (PVC jacket stripped back to fitting end stop).

Always refer to the carton label for listed cable type (corrugated, interlocked, or smooth) and material (aluminum or steel). The label will also specify the cable size range. Do not use cable smaller than noted on label; the clamping mechanism on the fitting will not function correctly and grounding integrity will be compromised.

The newest type of MC Cable - MCI-A, may require use of a special connector. Such fittings have been listed by UL for use with this cable type.

### *Can Conduit Bodies Contain Splices?*



Although different manufacturers' conduit bodies may look the same, not all are suitable for 'approved' installations. Specific NEC requirements determine which conduit bodies may contain splices, taps, or devices.

Conduit bodies provide access to the conduit system through a removable cover at a junction of two or more entries. Bodies may be used for changing the direction of the wiring systems, to aid in pulling of long wire runs, or to mount devices or make splices.

UL can 'list' conduit bodies as a fitting, which is tested under specification UL 514B. However, a fitting cannot contain a device or splice. UL can also 'list' the conduit body as a box, tested under specification UL 514A. Only the conduit body listed as a box is suitable for use with a device, splices, or taps.

Conduit bodies listed for use with splices, taps, or devices must be marked with the cubic inch volume and any special installation requirements, such as the use of wire pulling compound. The conduit body may also be marked with the maximum wire capacity if the body does not meet the NEC end stop to end stop dimensional requirement for wire pulling: 8 times the trade size for straight pulls, 6 times the trade size for angled pulls.

### *Are Snap-in Type Metal Clad And Armored Cable Fittings Suitable For Grounding?*



AC and MC snap-in type connectors are capable of withstanding ground fault currents likely to be imposed on them, and offer equivalent grounding protection as locknut type connectors.

During the listing process at UL, AC and MC connectors are assembled to cable and subjected to a ground fault current test. These tests are necessary to comply with application requirements in the NEC.

### *Are Snap-in Type Fittings Tested To The Same Requirements As Locknut Type Fittings?*

UL listing requirements are identical for both snap-in and locknut types of fittings. This includes assembly, bending, resistance, pull test, repeated resistance, and a ground fault current test.

Snap-in type connectors are required by code to be capable of withstanding ground fault current likely to be imposed on them, and offer equivalent grounding protection as locknut type connectors. Many snap-in products are used to reduce installation time or where tightening a locknut may be difficult.

UL Listed armored and metal clad cable connectors are suitable for grounding when installed in accordance with the NEC.

Always refer to the carton label for listed cable type and material (aluminum or steel). The label will also specify the cable size range. Do not use cable smaller than noted on label, the clamping mechanism on the fitting may not function correctly and grounding integrity will be compromised.

Bridgeport's snap-in fittings are designed only to work with UL Listed steel boxes which have a nominal .063" wall thickness. Use with boxes made in other materials (i.e. plastic) or other thicknesses, is not recommended nor approved.

### *Are All Clamp-Type Connectors Suitable For Use With Multiple Nonmetallic Sheath Cables?*

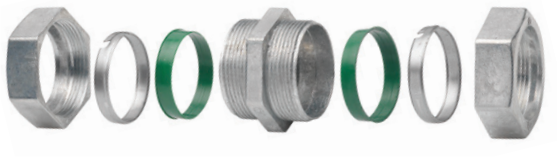


UL Listed nonmetallic (NM) sheath cable connectors are suitable for use with a single cable unless specifically tested for two cable usage.

A concern with two cable usage is the fitting's ability to withstand cable pullout forces normally encountered during installation. Per UL 514B, each cable is subjected to an individual pull test. In addition, UL tests strap type connectors to ensure that when tightening the strap screws, the strap will not pierce the nonmetallic sheath of the cable, creating a possible short.

Bridgeport's Carton shipping labels will specify the type and number of nonmetallic cables for which the fitting has been UL Listed. Do not exceed the UL rating.

### *Are Compression Raintight Fittings Really Rain-Tight?*



In 2002, UL received field complaints that listed EMT compression split ring type rain-tight fittings were permitting the entrance of water into the conduit system. After checking the validity of these claims, UL made the decision to de-list ALL fitting manufacturers' compression type raintight connectors and couplings.

A revised test method was employed by UL to represent actual field applications and conditions.

Bridgeport was the first to develop and release an updated version of connector that met this revised requirement. Other fitting manufacturers followed suit, with different configurations to pass the UL test requirement. Some of these designs include internal plastic sealing devices, or compression gland rings without a split, and external sealing device on the locknut threads to prevent water entering the box. Regardless of the design, all have to pass the same UL raintight test parameters.

### *Is A Ground Clamp UL Listed To Be Used To Bond Flexible Or Nonmetallic Gas Piping?*



2011 NEC, Article 250.52(B) (1) states "(B) *Electrodes Not Permitted for Grounding* - (1) Metal underground gas piping system". Gas piping by itself cannot be used as Ground Electrode Conductors.

However, NEC Article 250.104, (B) *Other Metal Piping* - "The equipment grounding conductor for the circuit that is likely to energize the piping systems shall be permitted to serve as the bonding means." Gas piping may be ***bonded*** only if it's likely to be possibly energized by the equipment it is connected to. Most of the time, the piping will be bonded to the system automatically due to its metal fittings. However, in the case of nonmetallic or flexible gas piping, a bonding jumper may need to be provided to complete the bonding path around the nonmetallic or flexible sections.

There is an important difference worth noting. Grounding is ***not*** the same as Bonding. They are considered separate requirements by the NEC. Gas piping cannot be used for grounding, but it can be bonded if necessary.

Flexible gas pipe system manufacturers will specify the method and system of bonding. In most cases, the clamp is placed on the metal hex fitting rather than over the flexible metal or nonmetallic tube. As an example, the following is an excerpt from Gastite's® CSST Installation Guide:

> *"The piping is permanently and directly connected to the electrical service equipment enclosure, the grounded conductor at the electrical service, the grounding electrode conductor (where of sufficient size) or to one or more of the grounding electrodes used. A single bond shall be made at or near the service entrance of the structure or the gas meter of each individual housing unit within a multi-family structure. The bonding conductor shall be 6 AWG copper wire. Bonding jumpers shall be attached in an approved manner in accordance with NEC-2005 Article 250.70 and the point of attachment for the bonding jumper shall be accessible.*
>
> *Bonding/grounding clamps listed to UL 467 comply with this requirement. This bond is in addition to any other bonding requirements as specified by local codes."*

Bridgeport's ground clamps are not UL Listed individually to be used in a gas pipe bonding application - only to the basic standalone UL specification (UL 467).

### *What Connector Should I use for Health Care Facilities?*



There are two armored Health Care Facility (HFC) cables recognized by Underwriters Laboratories: Type AC and Type MCI-A available in Steel or Aluminum interlocked armor.

Please reference our web site at www.bptfittings.com for specific product specifications. Keep in mind that while many of our Whipper-Snap and Locknut styles connectors are suitable for MCI-A cable some are not.

When a green identification is required or specified, Bridgeport's type 570-GI can be used to provide confirmation that the right cable has been terminated.

Bridgeport's connectors are UL Listed under UL file number E-20534. The listing is proof of the products performance as an effective ground-fault current path, and can be confirmed via the (UL) website www.UL.com.

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