



**TayMac®**



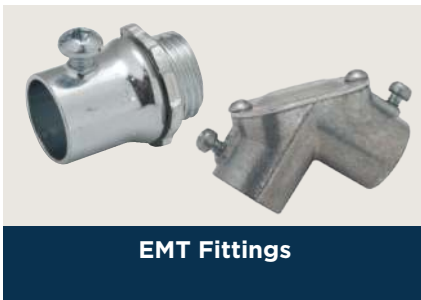
CATALOG

# Commercial Fittings

## Section B







**EMT Fittings**



**Liquidtight Conduit & Cord Connectors**



**Nonmetallic Sheathed Cable Connectors**

RACO® Commercial Fittings

|                                                |      |
|------------------------------------------------|------|
| • General Information .....                    | B-2  |
| • EMT Fittings .....                           | B-3  |
| • Rigid/IMC Fittings .....                     | B-22 |
| • Liquidtight Conduit & Cord Connectors .....  | B-45 |
| • Flexible Metal Conduit Fittings .....        | B-56 |
| • Armored Cable Connectors .....               | B-64 |
| • Metal Clad Cable Connectors .....            | B-67 |
| • Non-Metallic Sheathed Cable Connectors ..... | B-72 |
| • Service Entrance Fittings .....              | B-74 |
| • Grounding Fittings .....                     | B-79 |
| • Conduit Support Fittings .....               | B-80 |
| • Miscellaneous Fittings .....                 | B-82 |
| • Detailed Drawings .....                      | B-88 |

## Standards, 2020 National Electrical Code®

## General Information

When you need to couple, connect, fasten, or ground conduit or cables, RACO® fittings are your best answer. Choose from specification grade malleable iron, steel, lightweight aluminum, or die-cast zinc materials. Many are UL Listed as raintight, concrete-tight, or Liquidtight.

## Product Features: Raco® Fittings

- Designed to save time on the job
- Locknuts won't slip or spin
- Premium set screws provide reliable continuity of ground
- Insulated throats protect conductor insulation during wire pulling

## Standards

Where applicable, RACO® products are engineered in accordance with the standards established by Underwriters' Laboratories (UL). Most products are UL Listed and also Canadian Standards Association (CSA) certified. Dimensional data listed in this catalog is intended for general reference with broad tolerance limits.

RACO® fittings generally conform to Federal Specifications and Standards A-A-50552, A-A-50553A, A-A-50563A, NEMA FB1, U.L. 467, U.L. 514B, and CSA Standard C22.2 no.18.3.

Note: ANSI Standard C80-4 has been cancelled and replaced by NEMA FB1.

Underwriters' Laboratories, Inc. file numbers: E195969 rigid, IMC and Liquidtight fittings; E195970 EMT fittings; E195971 non-metallic sheathed cable fittings; E195972 service entrance cable fittings; E195966 armored and flexible metal cable fittings; E195973 outlet bushings and fittings; E195975 grounding and bonding equipment. For Underwriters' Laboratories, Inc. and Canadian Standards Association listing marks, see RACO® product and carton labels.

For installation guidelines and to learn more about RACO products, visit the NEMA website at <http://www.nema.org>.

The National Electrical Manufacturers Association (NEMA) website is a valuable electrical resource providing the information you need - quickly. Standards and technical information, installation guides, industry news and economic trends, events/meetings, the latest electroindustry, and legislative and regulatory information for more than fifty-one product areas ranging from arc welding to x-ray machines can be found with just a few clicks of your mouse.





## Set Screw Connectors - Steel



### Applications

- For use in dry locations to bond EMT conduit to a box or enclosure
- RACO® steel set-screw connectors provide concrete-tight connections when taped
- RACO® set-screw connectors are suitable for applications above 600V



Insulated Connectors



Uninsulated Connectors

### Product Features

- All steel construction ensures mechanical protection for the raceway
- Tri-head screws (1/2" to 2" trade sizes) may be installed using a slotted, Phillips, or Robertson head screwdriver
- 2-1/2" to 4" trade sizes are also UL Listed for use on Rigid/IMC conduit, allowing for design and installation flexibility
- All components are zinc-electroplated for corrosion protection
- 1/2" to 1" trade sizes have one set-screw, 1-1/4" to 4" trade sizes have two set-screws
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for attractive presentation

### Compression Connectors - Steel

| Insulated Catalog # | Uninsulated Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------------|-----------------------|------------|------------------|------------------|----------|
| <b>2122</b>         | <b>2002</b>           | 1/2"       | 50               | 500              | —        |
| <b>2122-8</b>       | <b>2002-8</b>         | 1/2"       | 1                | 25               |          |
| <b>2123</b>         | <b>2003</b>           | 3/4"       | 25               | 250              | —        |
| <b>2123-8</b>       | —                     | 3/4"       | 1                | 20               |          |
| <b>2124</b>         | <b>2004</b>           | 1"         | 25               | 100              | —        |
| <b>2124-8</b>       | <b>2004-8</b>         | 1"         | 1                | 10               |          |
| <b>2125</b>         | <b>2005</b>           | 1-1/4"     | —                | 20               | —        |
| <b>2126</b>         | <b>2006</b>           | 1-1/2"     | —                | 20               | —        |
| <b>2128</b>         | <b>2008</b>           | 2"         | —                | 20               | —        |
| <b>2160</b>         | <b>2140</b>           | 2-1/2"     | —                | 5                | —        |
| <b>2162RAC</b>      | <b>2142</b>           | 3"         | —                | 1                | —        |
| <b>2164</b>         | <b>2144</b>           | 3-1/2"     | —                | 1                | —        |
| <b>2166</b>         | <b>2146</b>           | 4"         | —                | 1                | —        |

### Compliance

#### 1/2" - 2"

- Standard 514B  
C22.2 # 18

#### 2-1/2" - 4"

- Standard 514B  
UL Listed E195969,  
E195970

See end of section (Pg B88) for detailed drawings »



## Set Screw Couplings - Steel



### Applications

- For use in dry locations to couple two ends of EMT conduit
- RACO® steel set-screw couplings provide concrete-tight connections when taped
- RACO® set-screw couplings are suitable for applications above 600V



Couplings

### Product Features

- All steel construction ensures mechanical protection for the raceway
- Tri-head screws (1/2" to 2" trade sizes) may be installed using a slotted, Phillips, or Robertson head screwdriver
- 2-1/2" to 4" trade sizes are also UL Listed for use on Rigid/IMC conduit, allowing for design and installation flexibility
- All components are zinc-electroplated for corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for attractive presentation

### Set Screw Couplings - Steel

| Catalog #     | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------|------------|------------------|------------------|----------|
| <b>2022</b>   | 1/2"       | 50               | 500              | —        |
| <b>2022-8</b> | 1/2"       | 1                | 25               |          |
| <b>2023</b>   | 3/4"       | 25               | 250              | —        |
| <b>2023-8</b> | 3/4"       | 1                | 20               |          |
| <b>2024</b>   | 1"         | 25               | 100              | —        |
| <b>2024-8</b> | 1"         | 1                | 10               |          |
| <b>2025</b>   | 1-1/4"     | 5                | 25               | —        |
| <b>2026</b>   | 1-1/2"     | —                | 20               | —        |
| <b>2028</b>   | 2"         | —                | 20               | —        |
| <b>2150</b>   | 2-1/2"     | —                | 5                | —        |
| <b>2152</b>   | 3"         | —                | 1                | —        |
| <b>2154</b>   | 3-1/2"     | —                | 1                | —        |
| <b>2156</b>   | 4"         | —                | 1                | —        |

### Compliance

#### 1/2" - 2"

- Standard 514B  
C22.2 # 18

#### 2-1/2" - 4"

- Standard 514B  
UL Listed E195969,  
E195970

See end of section (Pg B88) for detailed drawings »



## Compression Connectors - Steel



### Applications

- For use when bonding EMT conduit to a box or enclosure
- RACO® 1/2" to 4" connectors provide concrete-tight connections
- RACO® compression connectors are suitable for applications above 600V



Insulated Throat  
Connectors



Uninsulated Throat  
Connectors

### Product Features

- All steel construction ensures mechanical protection for the raceway
- All components are zinc-electroplated for corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for attractive presentation

### Compliance

#### 1/2" - 2"

- Standard 514B  
C22.2 # 1  
UL Listed E195970

### Compression Connectors - Steel

| Insulated Catalog # | Uninsulated Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------------|-----------------------|------------|------------------|------------------|----------|
| 2912                | 2902                  | 1/2"       | 50               | 500              | —        |
| 2912-8              | 2902-8                | 1/2"       | 1                | 25               |          |
| 2913                | 2903                  | 3/4"       | 25               | 250              | —        |
| 2913-8              | 2903-8                | 3/4"       | 1                | 20               |          |
| 2914                | 2904                  | 1"         | 25               | 100              | —        |
| 2914-8              | 2904-8                | 1"         | 1                | 10               |          |
| 2915                | 2905                  | 1-1/4"     | 5                | 25               | —        |
| 2916                | 2906                  | 1-1/2"     | —                | 20               | —        |
| 2918                | 2908                  | 2"         | —                | 20               | —        |
| 2960                | 2940                  | 2-1/2"     | —                | 5                | —        |
| 2962                | 2942                  | 3"         | —                | 1                | —        |
| 2964                | 2944                  | 3-1/2"     | —                | 1                | —        |
| 2966                | 2946                  | 4"         | —                | 1                | —        |

See end of section (Pg B88) for detailed drawings »



## Compression Couplings - Steel



### Applications

- For use in dry locations to couple two ends of EMT conduit
- RACO® steel compression couplings provide concrete-tight connections
- RACO® compression couplings are suitable for applications above 600V



Couplings

### Product Features

- All steel construction ensures mechanical protection for the raceway
- All components are zinc-electroplated for corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for attractive presentation

### Compliance

- Standard 514B  
C22.2 # 18  
UL Listed E195970

### Compression Couplings - Steel

| Catalog #     | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------|------------|------------------|------------------|----------|
| <b>2922</b>   | 1/2"       | 50               | 500              | —        |
| <b>2922-8</b> | 1/2"       | 1                | 25               |          |
| <b>2923</b>   | 3/4"       | 25               | 250              | —        |
| <b>2924</b>   | 1"         | 25               | 100              | —        |
| <b>2924-8</b> | 1"         | 1                | 10               |          |
| <b>2925</b>   | 1-1/4"     | 5                | 25               | —        |
| <b>2926</b>   | 1-1/2"     | —                | 20               | —        |
| <b>2928</b>   | 2"         | —                | 20               | —        |
| <b>2950</b>   | 2-1/2"     | —                | 5                | —        |
| <b>2952</b>   | 3"         | —                | 1                | —        |
| <b>2954</b>   | 3-1/2"     | —                | 1                | —        |
| <b>2956</b>   | 4"         | —                | 1                | —        |

See end of section (Pg B89) for detailed drawings »



## Raintight Compression Connectors - Steel



### Applications

- For use in wet locations to bond and secure EMT conduit to a box or enclosure
- RACO® Raintight Steel EMT compression fittings are designed to comply with new UL raintight test requirements and to comply with the requirements of the 2014 NEC 358.42 and 314.15

### Product Features

- All steel construction ensures mechanical protection for the raceway
- Available in 1/2" to 4" trade sizes
- Zinc-electroplate finish
- All fittings are marked "Wet Locations" to allow inspecting authorities to immediately determine that the installation is up to code
- All connectors are supplied with a factory installed knockout seal. No need for the expense of buying a separate gasket
- No need to disassemble the fitting prior to installation. RACO Raintight Steel EMT compression fittings are designed to come out of the carton ready to install directly on the conduit. No need to waste time loosening compression nuts
- No special tools required. Install these fittings like any other Steel EMT compression fitting. No need for a torque wrench to insure proper installation

### Compliance

- Standard 514B  
C22.2 # 1  
UL Listed E195970



Insulated Connectors



Uninsulated Connectors

### Compression Connectors, Raintight - Steel

| Insulated Catalog # | Uninsulated Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|---------------------|-----------------------|------------|------------------|------------------|
| 2912RT              | 2902RT                | 1/2"       | 50               | 250              |
| 2913RT              | 2903RT                | 3/4"       | 25               | 125              |
| 2914RT              | 2904RT                | 1"         | 15               | 75               |
| 2915RT              | 2905RT                | 1-1/4"     | —                | 20               |
| 2916RT              | 2906RT                | 1-1/2"     | —                | 10               |
| 2918RT              | 2908RT                | 2"         | —                | 10               |
| 2960RT              | 2940RT                | 2-1/2"     | —                | 1                |
| 2962RT              | 2942RT                | 3"         | —                | 1                |
| 2964RT              | 2944RT                | 3-1/2"     | —                | 1                |
| 2966RT              | 2946RT                | 4"         | —                | 1                |



2903RTE

### Compression Connectors, Raintight, Extended Thread - Steel

| Uninsulated Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------------------|------------|------------------|------------------|
| 2903RTE               | 3/4"       | 25               | 125              |
| 2904RTE               | 1"         | 15               | 75               |

See end of section (Pg B88) for detailed drawings »



## Raintight Compression Couplings - Steel



### Applications

- For use in wet locations to couple two ends of EMT conduit
- RACO® Raintight Steel EMT compression fittings are designed to comply with new UL Raintight test requirements and to comply with the requirements of the 2014 NEC 358.42 and 314.15



Couplings

### Product Features

- All steel construction ensures mechanical protection for the raceway
- Available in 1/2" to 4" trade sizes
- Zinc-electroplate finish
- All fittings are marked "Wet Locations" to allow inspecting authorities to immediately determine that the installation is up to code
- No need to disassemble the fitting prior to installation. RACO Raintight Steel EMT compression fittings are designed to come out of the carton ready to install directly on the conduit. No time wasted loosening compression nuts
- No special tools required. Install these fittings like any other Steel EMT compression fitting. No need for a torque wrench to insure proper installation

### Compression Couplings - Steel

| Catalog #     | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|---------------|------------|------------------|------------------|
| <b>2922RT</b> | 1/2"       | 50               | 250              |
| <b>2923RT</b> | 3/4"       | 25               | 125              |
| <b>2924RT</b> | 1"         | 15               | 75               |
| <b>2925RT</b> | 1-1/4"     | —                | 20               |
| <b>2926RT</b> | 1-1/2"     | —                | 10               |
| <b>2928RT</b> | 2"         | —                | 10               |
| <b>2950RT</b> | 2-1/2"     | —                | 1                |
| <b>2952RT</b> | 3"         | —                | 1                |
| <b>2954RT</b> | 3-1/2"     | —                | 1                |
| <b>2956RT</b> | 4"         | —                | 1                |

### Compliance

- Standard 514B  
C22.2 # 18  
UL Listed E195970

See end of section (Pg B89) for detailed drawings »



## Set Screw Connectors - Die-Cast



### Applications

- For use in dry locations to bond EMT conduit to a box or enclosure
- RACO® die-cast set-screw connectors provide concrete-tight connections when taped
- RACO® set-screw connectors are suitable for applications above 600V



Insulated Connectors



Uninsulated Connectors

### Product Features

- Rugged metallic construction ensures mechanical protection for the raceway
- 2-1/2" to 4" trade sizes are UL Listed for use on Rigid/IMC conduit, allowing for installation flexibility

### Compliance

- File E195970

### Set Screw Connectors - Die Cast Zinc

| Insulated Catalog # | Uninsulated Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|---------------------|-----------------------|------------|------------------|------------------|
| 2634                | 2602                  | 1/2"       | 50               | 500              |
| 2635                | 2603                  | 3/4"       | 25               | 250              |
| 2636                | 2604                  | 1"         | 50               | 200              |
| 2637                | 2605                  | 1-1/4"     | 25               | 100              |
| 2638                | 2606                  | 1-1/2"     | 10               | 40               |
| 2639                | 2608                  | 2"         | 5                | 20               |
| 2648                | 2640                  | 2-1/2"     | —                | 12               |
| 2649                | 2642                  | 3"         | —                | 12               |
| 2650                | —                     | 3-1/2"     | —                | 10               |
| —                   | 2644                  | 3-1/2"     | —                | 6                |
| 2651                | 2646                  | 4"         | —                | 6                |

See end of section (Pg B88) for detailed drawings »

**Set Screw Couplings And Offsets - Die-Cast****Couplings And Offset Connectors Applications**

- RACO® die-cast set-screw couplings provide concrete-tight connections when taped
- RACO® set-screw couplings are suitable for applications above 600V

**Couplings****Offset Connectors****Couplings Application**

- For use in dry locations to couple two ends of EMT conduit

**Offsets Connectors Application**

- For use in dry locations to bond EMT conduit to a box or enclosure

**Couplings And Offset Connectors Product Features**

- Rugged metallic construction provides mechanical protection for the raceway

**Couplings Product Features**

- 2-1/2" to 4" trade sizes are UL Listed for use on Rigid/IMC conduit, allowing for installation flexibility

**Compliance**

- File E195969
- C22.2 # 18

**Couplings - Die-Cast Zinc**

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 2622      | 1/2"       | 50               | 500              |
| 2623      | 3/4"       | 25               | 250              |
| 2624      | 1"         | 50               | 200              |
| 2625      | 1-1/4"     | 25               | 100              |
| 2626      | 1-1/2"     | 10               | 40               |
| 2628      | 2"         | 5                | 20               |
| 2670      | 2-1/2"     | —                | 12               |
| 2672      | 3"         | —                | 12               |
| 2674      | 3-1/2"     | —                | 6                |
| 2676      | 4"         | —                | 6                |

**3/8" Offset Connectors - Die-Cast Zinc**

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1762      | 1/2"       | —                | 50               |
| 1763      | 3/4"       | —                | 25               |

See end of section (Pg B90) for detailed drawings »



## Handy Ells - Die-Cast



### Applications

- For use in dry locations to bond EMT conduit to a box or enclosure, or to couple two ends of EMT conduit
- Use handy ells when bending conduit is not practical

### Product Features

- Cover included

### Compliance

- File E195969
- C22.2 # 18



**90° Handy Ells  
Couplings**



**90° Handy Ells  
Connectors**

### 90° Handy Ells - Die-Cast Zinc Couplings

| Catalog #   | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-------------|------------|------------------|------------------|
| <b>2752</b> | 1/2"       | 10               | 100              |
| <b>2753</b> | 3/4"       | 5                | 50               |
| <b>2754</b> | 1"         | —                | 25               |

### 90° Handy Ells - Die-Cast Zinc Connectors

| Catalog #   | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-------------|------------|------------------|------------------|
| <b>2762</b> | 1/2"       | 10               | 100              |
| <b>2763</b> | 3/4"       | 5                | 50               |

See end of section (Pg B90) for detailed drawings »



## Compression Couplings - Die-Cast

**Applications**

- Use to couple two ends of EMT conduit
- RACO® compression couplings are suitable for applications above 600V
- RACO® 1/2" to 4" couplings provide concrete-tight connections

**Couplings****Product Features**

- Rugged metallic construction provides mechanical protection for the raceway
- Hex compression nuts assure easy wrench installation

**Compliance**

- File E195970
- C22.2 # 18

**Compression Couplings - Die Cast**

| Catalog #   | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-------------|------------|------------------|------------------|
| <b>2822</b> | 1/2"       | 50               | 500              |
| <b>2823</b> | 3/4"       | 25               | 250              |
| <b>2824</b> | 1"         | 50               | 200              |
| <b>2825</b> | 1-1/4"     | 25               | 100              |
| <b>2826</b> | 1-1/2"     | 10               | 40               |
| <b>2828</b> | 2"         | 5                | 20               |
| <b>2870</b> | 2-1/2"     | —                | 12               |
| <b>2872</b> | 3"         | —                | 12               |
| <b>2874</b> | 3-1/2"     | —                | 10               |
| <b>2876</b> | 4"         | —                | 6                |

See end of section (Pg B91) for detailed drawings »



## Compression Connectors - Die-Cast



### Applications

- Use to bond EMT conduit to a box
- RACO® 1/2" to 4" connectors provide concrete-tight connections
- RACO® compression connectors are suitable for applications above 600V



Insulated Throat  
Connectors



Uninsulated Connectors

### Product Features

- Rugged metallic construction provides mechanical protection for the raceway
- Oversized hex compression nuts assure easy wrench installation

### Compliance

- File E195970
- C22.2 # 18

### Compression Connectors - Die-Cast Zinc

| Insulated Catalog # | Uninsulated Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|---------------------|-----------------------|------------|------------------|------------------|
| 2832                | 2802                  | 1/2"       | 50               | 500              |
| 2833                | 2803                  | 3/4"       | 25               | 250              |
| 2834                | 2804                  | 1"         | 50               | 200              |
| 2835                | 2805                  | 1-1/4"     | 25               | 100              |
| 2836                | 2806                  | 1-1/2"     | 10               | 40               |
| 2838                | 2808                  | 2"         | 5                | 20               |
| 2890                | 2840                  | 2-1/2"     | —                | 12               |
| 2892                | 2842                  | 3"         | —                | 12               |
| 2894                | 2844                  | 3-1/2"     | —                | 10               |
| 2896                | 2846                  | 4"         | —                | 6                |

See end of section (Pg B91) for detailed drawings »



## Compression Offset Connectors - Die-Cast



### Product Applications

- Use to bond EMT conduit to a box
- RACO® compression offset connectors are suitable for applications above 600V



Offset Connectors

### Product Features

- Rugged metallic construction provides mechanical protection for the raceway
- Hex compression nuts assure easy wrench installation

### Compliance

- File E195970
- C22.2 # 18

#### Offset Connectors - Die-Cast Zinc

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1952      | 1/2"       | —                | 50               |
| 1953      | 3/4"       | —                | 25               |

See end of section (Pg B91) for detailed drawings »



## 90° Short Angle Connectors - Malleable Iron



### Applications

- To bond EMT conduit to a box or enclosure
- Use 90 degree short angle connectors when bending conduit is not practical



90° Short Angle  
Connectors

### Product Features

- Malleable construction ensures mechanical protection for the raceway
- Hex compression nuts assure easy wrench installation
- All components are zinc-electroplated for corrosion protection

### 90° Short Angle Connectors - Malleable Iron

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 2072      | 1/2"       | 25               | 100              |
| 2073      | 3/4"       | —                | 25               |

### Compliance

- Standard 514B

See end of section (Pg B91) for detailed drawings »



# EMT Two-Piece Connectors And Couplings

## Two-Piece Connectors and Combination Couplings - Die-Cast/Steel



### Die-Cast Two-Piece Connectors Applications

- For use in dry locations to bond EMT conduit to a box or enclosure
- RACO® 1/2" and 3/4" two-piece connectors provide concrete-tight connections



Two-Piece Connectors



EMT to Rigid Couplings  
Threaded/Compression

### Steel Combination Couplings Applications

- Use RACO Cat. Nos. 1352 - 1354 when coupling threaded Rigid/IMC conduit to EMT

### Die-Cast Two-Piece Connectors Product Features

- Rugged metallic construction provides mechanical protection for the raceway

### Steel Combination Couplings Product Features

- Rugged metallic construction provides mechanical protection for the raceway
- All steel components are zinc-electroplated for corrosion protection

### Compliance

- Standard 514B

#### Two-Piece Connectors - Die-Cast Zinc

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 2702      | 1/2"       | —                | 100              |
| 2703      | 3/4"       | —                | 50               |

#### EMT - Rigid Couplings Threaded/Compression - Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1352      | 1/2"       | —                | 25               |
| 1353      | 3/4"       | —                | 25               |
| 1354      | 1"         | —                | 25               |

See end of section (Pg B92) for detailed drawings »



## Combination Couplings - Steel



### Application

- Use RACO® Catalog numbers 1432 - 1434 when coupling unthreaded Rigid/IMC to EMT conduit

### Product Features

- Rugged metallic construction provides mechanical protection
- All components are zinc-electroplated for corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for attractive presentation



EMT to Rigid Couplings  
Set Screw

### Rigid/IMC or EMT Set-Screw Coupling - Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------|------------|------------------|------------------|----------|
| 1432      | 1/2"       | —                | 25               | —        |
| 1433      | 3/4"       | —                | 25               | —        |
| 1434      | 1"         | —                | 25               | —        |

## Combination Couplings - Malleable Iron/Die-Cast

### Application

- For use in dry locations to couple EMT conduit to flexible metal conduit.

### Product Features

- Rugged metallic construction ensures mechanical protection
- All steel/malleable components are zinc-electroplated for corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for attractive presentation



EMT - Flex Couplings  
Squeeze/Compression



EMT - Flex Couplings  
Screw-in/Compression



EMT - Flex Couplings  
Squeeze/Set Screw

### EMT - Flex Couplings

| Catalog #                                   | Trade Size | EMT Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------------------------------------|------------|----------|------------------|------------------|----------|
| <b>Squeeze/Compression - Malleable Iron</b> |            |          |                  |                  |          |
| 1941*                                       | 3/8"       | 1/2"     | —                | 25               | —        |
| 1942                                        | 1/2"       | 1/2"     | —                | 25               | —        |
| 1942-8                                      | 1/2"       | 1/2"     | 1                | 25               |          |
| 1943                                        | 3/4"       | 3/4"     | —                | 25               | —        |
| 1943-8                                      | 3/4"       | 3/4"     | 1                | 25               |          |
| <b>Screw-in/Compression - Die-Cast Zinc</b> |            |          |                  |                  |          |
| 1482                                        | 1/2"       | 1/2"     | 50               | 500              | —        |
| 1483                                        | 3/4"       | 3/4"     | 25               | 250              | —        |
| 1484                                        | 1"         | 1"       | 25               | 250              | —        |
| <b>Squeeze/Set Screw - Die-Cast Zinc</b>    |            |          |                  |                  |          |
| 1852                                        | 1/2"       | 1/2"     | 25               | 250              | —        |
| 1853                                        | 3/4"       | 3/4"     | 25               | 250              | —        |

### Compliance

- File E195969
- Listed (1852 & 1853)

See end of section (Pg B92) for detailed drawings »



## Insulating Bushings - Polyethylene



2175RAC

### Applications

- RACO® EMT insulating bushings provide a smooth surface for cable installation. Insulation prevents costly damage by protecting cable jacketing from sharp conduit edges during pulling
- Common applications include telephone, data, alarm/security, and other low voltage cable installations

### Product Features

- High-density Polyethylene construction
- Temperature rated at 90° C
- Easy push-on design
- White color

### Compliance

- NEC Article 300.15c

### Insulating Bushings - Polyethylene

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 2172RAC   | 1/2"       | 100              | 1000             |
| 2173RAC   | 3/4"       | 100              | 1000             |
| 2174RAC   | 1"         | —                | 100              |
| 2175RAC   | 1-1/4"     | —                | 100              |
| 2176RAC   | 1-1/2"     | —                | 100              |
| 2178RAC   | 2"         | —                | 50               |
| 2180RAC*  | 2-1/2"     | —                | 25               |
| 2182RAC*  | 3"         | —                | 25               |
| 2184RAC*  | 3-1/2"     | —                | 25               |
| 2186RAC*  | 4"         | —                | 25               |

Notes: Can be used on Rigid/IMC Conduit.

See end of section (Pg B94) for detailed drawings »



## Straps - Steel



### Applications

- For use in mounting EMT conduit

### Product Features

- All stamped steel construction ensures mechanical protection
- RACO® steel one hole straps snap on to the conduit, allowing the installer to easily position the strap before mounting
- Oversized bolt holes make alignment of the fastener quick and easy
- All straps are zinc-electroplated for corrosion protection

### Compliance

- Listed E195968 (2082 - 2088)



One Hole Push-on Straps



Two Hole Straps

### EMT Straps

| Catalog #                                              | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|--------------------------------------------------------|------------|------------------|------------------|
| <b>One Hole Push-on Straps Stamped - Steel (cULus)</b> |            |                  |                  |
| 2082                                                   | 1/2"       | 100              | 1000             |
| 2083                                                   | 3/4"       | 50               | 500              |
| 2084                                                   | 1"         | 50               | 500              |
| 2085                                                   | 1-1/4"     | —                | 50               |
| 2086                                                   | 1-1/2"     | —                | 50               |
| 2088                                                   | 2"         | —                | 25               |
| 1337                                                   | 2-1/2"     | —                | 25               |
| 1339                                                   | 3"         | —                | 25               |
| 1340                                                   | 3-1/2"     | —                | 10               |
| 1341                                                   | 4"         | —                | 10               |
| <b>Two Hole Straps Stamped - Steel</b>                 |            |                  |                  |
| 2092                                                   | 1/2"       | —                | 100              |
| 2093                                                   | 3/4"       | —                | 100              |
| 2094                                                   | 1"         | —                | 100              |
| 2095                                                   | 1-1/4"     | —                | 50               |
| 2096                                                   | 1-1/2"     | —                | 50               |
| 2098                                                   | 2"         | —                | 25               |
| 2239                                                   | 2-1/2"     | —                | 25               |
| 2240                                                   | 3"         | —                | 25               |
| 2241                                                   | 3-1/2"     | —                | 25               |
| 2242                                                   | 4"         | —                | 10               |

See end of section (Pg B93) for detailed drawings »



## Straps - Malleable And Steel



### Applications

#### Malleable-Straps

- For use in mounting EMT conduit in wet or dry locations

#### Steel-Straps

- For use in mounting EMT conduit

### Product Features

#### Malleable-Straps

- All malleable construction ensures mechanical protection
- Oversized bolt holes for easy alignment of the fastener
- All straps are zinc-electroplated for corrosion protection

#### Steel-Straps

- Stamped steel straps are pre-galvanized for added corrosion protection

### Compliance

- Listed E195968, E195973
- (2252-2253)



One Hole Straps



Nail-up Straps

### Straps

| Catalog #                                             | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-------------------------------------------------------|------------|------------------|------------------|
| <b>EMT or Rigid/IMC 1-Hole Strap - Malleable Iron</b> |            |                  |                  |
| 1310                                                  | 2-1/2"     | —                | 10               |
| 1312                                                  | 3"         | —                | 10               |
| 1314                                                  | 3-1/2"     | —                | 5                |
| 1316                                                  | 4"         | —                | 5                |
| <b>EMT or Flex Nail-Up Straps - Steel</b>             |            |                  |                  |
| 2252                                                  | 1/2"       | 100              | 1000             |
| 2253                                                  | 3/4"       | 100              | 1000             |
| 2254                                                  | 1"         | 100              | 1000             |

See end of section (Pg B94) for detailed drawings »



## Clamp Backs - Malleable Iron



### Applications

- For use with RACO® 1300 Series EMT and Rigid/IMC straps to permit space between the conduit and the mounting surface
- Use of clamp backs in outdoor locations can prevent the build-up of snow and rain between the conduit and the mounting surface



Clamp Backs

### Product Features

- All malleable construction ensures durability and mechanical protection
- Zinc-electroplated for added corrosion protection
- Elongated bolt holes for easy alignment with straps
- For use in mounting EMT conduit
- in wet or dry locations

### Clamp Backs - Malleable Iron

| Catalog # | RIGID/IMC Size | EMT Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|----------------|----------|------------------|------------------|
| 1342      | 1/2"           | 3/4"     | —                | 100              |
| 1343      | 3/4"           | 1"       | —                | 100              |
| 1344      | 1"             | 1-1/4"   | —                | 50               |
| 1345      | 1-1/4"         | 1-1/2"   | —                | 25               |
| 1346      | 1-1/2"         | 2"       | —                | 25               |
| 1348      | 2"             | 2"       | —                | 10               |
| 1347      | 2-1/2"         | 2-1/2"   | —                | 10               |
| 1349      | 3"             | 3"       | —                | 10               |
| 1350      | 3-1/2"         | 3-1/2"   | —                | 5                |
| 1351      | 4"             | 4"       | —                | 5                |

### Compliance

- File E195968

See end of section (Pg B93) for detailed drawings »



## Set Screw Connectors - Steel



### Applications

- For use in dry locations to bond unthreaded Rigid/IMC conduit to a box or enclosure
- RACO® steel set screw connectors are suitable for concrete-tight applications when taped

**Insulated Connectors****Uninsulated Connectors**

### Product Features

- All steel construction ensures mechanical protection for the raceway
- 2-1/2" to 4" trade sizes are also UL Listed for use on EMT conduit, allowing for design and installation flexibility
- All components are zinc-electroplated for corrosion protection

### Compliance

- Standard 514B  
UL Listed E195969

### Compression Connectors - Steel/Malleable Iron

| Insulated Catalog # | Uninsulated Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|---------------------|-----------------------|------------|------------------|------------------|
| —                   | 3002                  | 1/2"       | —                | 25               |
| —                   | 3003                  | 3/4"       | —                | 25               |
| —                   | 3004                  | 1"         | —                | 10               |
| —                   | 3005                  | 1-1/4"     | —                | 5                |
| —                   | 3006                  | 1-1/2"     | —                | 5                |
| —                   | 3008                  | 2"         | —                | 5                |
| 2160                | 2140                  | 2-1/2"     | —                | 5                |
| 2162RAC             | 2142                  | 3"         | —                | 1                |
| 2164                | 2144                  | 3-1/2"     | —                | 1                |
| 2166                | 2146                  | 4"         | —                | 1                |

See end of section (Pg B95) for detailed drawings »



## Set Screw Couplings - Steel



## Applications

- For use in dry locations to couple two ends of unthreaded Rigid/IMC conduit
- RACO® steel set screw couplings are suitable for concrete-tight applications when taped



Couplings

## Product Features

- All steel construction ensures mechanical protection for the raceway
- 2-1/2" to 4" trade sizes are also UL Listed for use on EMT conduit, allowing for design and installation flexibility
- All components are zinc-electroplated for corrosion protection

## Compliance

- Standard 514B  
UL File E195969

## Couplings - Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 3022      | 1/2"       | —                | 25               |
| 3023      | 3/4"       | —                | 10               |
| 3024      | 1"         | —                | 5                |
| 3025      | 1-1/4"     | —                | 5                |
| 3026      | 1-1/2"     | —                | 5                |
| 3028      | 2"         | —                | 5                |
| 2150      | 2-1/2"     | —                | 5                |
| 2152      | 3"         | —                | 1                |
| 2154      | 3-1/2"     | —                | 1                |
| 2156      | 4"         | —                | 1                |

See end of section (Pg B95) for detailed drawings »



# Rigid Compression Connectors

## Compression Connectors - Steel/Malleable Iron



### Applications

- Use to bond unthreaded Rigid/IMC conduit to a box or enclosure
- RACO® 1/2" to 4" connectors and couplings provide concrete-tight connections

### Product Features

- All steel/malleable iron construction ensures mechanical protection for the raceway
- Hex compression nuts assure easy wrench installation
- All components are zinc-electroplated for corrosion protection

### Compliance

- Standard 514B  
UL File E195969
- C22.2 # 18



Insulated Connectors  
Steel



Uninsulated Connectors  
Steel



1810-1816  
Uninsulated Connector  
Malleable Iron

### Compression Connectors - Steel/Malleable Iron

| Insulated Catalog # | Uninsulated Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|---------------------|-----------------------|------------|------------------|------------------|
| 3802RAC             | 1802                  | 1/2"       | —                | 25               |
| 3803RAC             | 1803                  | 3/4"       | —                | 25               |
| 3804RAC             | 1804                  | 1"         | —                | 10               |
| 3805RAC             | 1805                  | 1-1/4"     | —                | 5                |
| 3806RAC             | 1806                  | 1-1/2"     | —                | 5                |
| 3808RAC             | 1808                  | 2"         | —                | 5                |
| —                   | 1810                  | 2-1/2"     | —                | 5                |
| —                   | 1812                  | 3"         | —                | 1                |
| —                   | 1814                  | 3-1/2"     | —                | 1                |
| —                   | 1816                  | 4"         | —                | 1                |

See end of section (Pg B96) for detailed drawings »



## Compression Couplings - Steel/Malleable Iron



### Applications

- Use to couple two ends of unthreaded Rigid/IMC conduit
- RACO® 1/2" to 4" couplings provide concrete-tight connections

### Product Features

- All steel/malleable iron construction ensures mechanical protection for the raceway
- Hex compression nuts assure easy wrench installation
- All components are zinc-electroplated for corrosion protection

### Compliance

- Standard 514B  
UL File E195969
- C22.2 #18



**Couplings  
Steel**



**1830-1836  
Coupling Malleable Iron**

### Couplings - Steel/Malleable Iron

| Catalog #   | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-------------|------------|------------------|------------------|
| <b>1822</b> | 1/2"       | —                | 25               |
| <b>1823</b> | 3/4"       | —                | 10               |
| <b>1824</b> | 1"         | —                | 5                |
| <b>1825</b> | 1-1/4"     | —                | 5                |
| <b>1826</b> | 1-1/2"     | —                | 5                |
| <b>1828</b> | 2"         | —                | 5                |
| <b>1830</b> | 2-1/2"     | —                | 5                |
| <b>1832</b> | 3"         | —                | 1                |
| <b>1834</b> | 3-1/2"     | —                | 1                |
| <b>1836</b> | 4"         | —                | 1                |

See end of section (Pg B96) for detailed drawings »



## Short Elbows - Malleable Iron

**Applications**

- For use with threaded Rigid/IMC conduit
- 90° short elbows are ideal for use in tight locations where bending of conduit is not practical

**90 Degree Short  
Elbows****Product Features**

- All malleable iron construction ensures mechanical protection for the raceway
- All components are zinc-electroplated for corrosion protection

**90° Short Elbows - Malleable Iron**

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1722      | 1/2"       | —                | 50               |
| 1723      | 3/4"       | —                | 25               |

**Compliance**

- Standard 514B

See end of section (Pg B96) for detailed drawings »



## Handy Ells - Die-Cast



### Applications

- For use with threaded Rigid/IMC conduit to bond conduit to a box or enclosure, or to couple two ends of Rigid/IMC conduit
- Use handy ells when bending conduit is not practical

### Product Features

- Gasket and cover included

### Compliance

- Standard 514B  
UL File E195969
- C22.2 #18



90° Handy Ells Threaded  
Connectors



90° Handy Ells Threaded  
Couplings

### 90° Handy-Ells

| Catalog #                                  | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|--------------------------------------------|------------|------------------|------------------|
| <b>Threaded Connectors - Die-Cast Zinc</b> |            |                  |                  |
| 2662                                       | 1/2"       | 10               | 100              |
| 2663                                       | 3/4"       | 5                | 50               |
| 2664RAC                                    | 1"         | —                | 25               |
| <b>Threaded Couplings - Die-Cast Zinc</b>  |            |                  |                  |
| 2652                                       | 1/2"       | 10               | 100              |
| 2653                                       | 3/4"       | 5                | 50               |
| 2654                                       | 1"         | —                | 25               |
| 2655                                       | 1-1/4"     | —                | 20               |

See end of section (Pg B97) for detailed drawings »



## Three-Piece Couplings - Malleable Iron



### Applications

- For use with threaded Rigid/IMC conduit
- Use couplings to couple conduit ends when the conduit cannot be turned
- RACO® Three-piece couplings provide concrete-tight connections



Three-piece Couplings

### Product Features

- Malleable iron construction ensures mechanical protection for the raceway
- All components are zinc-electroplated for corrosion protection

### Compliance

- UL Listed E195969

### Three-Piece Couplings

| Insulated Catalog #   | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------------------|------------|------------------|------------------|
| <b>Malleable Iron</b> |            |                  |                  |
| 1502                  | 1/2"       | —                | 25               |
| 1503                  | 3/4"       | —                | 25               |
| 1504                  | 1"         | —                | 5                |
| 1505                  | 1-1/4"     | —                | 5                |
| 1506                  | 1-1/2"     | —                | 5                |
| 1508                  | 2"         | —                | 5                |
| 1510                  | 2-1/2"     | —                | 4                |
| 1512                  | 3"         | —                | 4                |
| 1514                  | 3-1/2"     | —                | 2                |
| 1516                  | 4"         | —                | 2                |
| <b>Steel</b>          |            |                  |                  |
| 1520                  | 5"         | —                | 1                |

See end of section (Pg B97) for detailed drawings »



## Combination Couplings - Steel



### Applications

- Use when coupling Rigid/IMC to EMT
- Use RACO® Cat. Nos. 1352 - 1354 when coupling threaded Rigid/IMC conduit to EMT
- Use RACO® Cat. Nos. 1432 - 1434 when coupling unthreaded Rigid/IMC conduit to EMT



**Rigid to EMT Couplings  
Threaded/Compression**



**Rigid to EMT Couplings  
Set Screw**

### Product Features

- All steel construction ensures mechanical protection
- All components are zinc-electroplated for corrosion protection
- UPC bar code fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for attractive presentation

### Rigid-EMT Couplings

| Catalog #                                               | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|---------------------------------------------------------|------------|------------------|------------------|
| <b>Rigid-EMT Couplings Threaded/Compression - Steel</b> |            |                  |                  |
| <b>1352</b>                                             | 1/2"       | —                | 25               |
| <b>1353</b>                                             | 3/4"       | —                | 25               |
| <b>1354</b>                                             | 1"         | —                | 25               |
| <b>Rigid-EMT Couplings Set Screw - Steel</b>            |            |                  |                  |
| <b>1432</b>                                             | 1/2"       | —                | 25               |
| <b>1433</b>                                             | 3/4"       | —                | 25               |
| <b>1434</b>                                             | 1"         | —                | 25               |

### Compliance

- Standard 514B (1432 - 1434 only)  
UL File E195969

## Combination Couplings - Malleable Iron

### Applications

- Use RACO® Cat. Nos. 1552 - 1554 when coupling flexible metal conduit to threaded Rigid/IMC

### Product Features

- All malleable iron construction ensures mechanical protection for the raceway
- All components are zinc-electroplated for corrosion protection



**Rigid to Flex Couplings  
Threaded/Squeeze**

### Rigid-Flex Couplings - Malleable Iron Squeezed/Threaded

| Catalog #   | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-------------|------------|------------------|------------------|
| <b>1552</b> | 1/2"       | —                | 100              |
| <b>1553</b> | 3/4"       | —                | 25               |
| <b>1554</b> | 1"         | —                | 25               |

See end of section (Pg B98) for detailed drawings »



## Three-Piece Couplings - Steel



### Applications

- Designed to couple threaded Rigid/IMC conduit to either threaded or unthreaded Rigid/IMC or EMT conduit
- Unique features lend to quick and simplified installation
- No turning of the conduit is required, and no disassembly of the coupling is needed



Three-piece Super Coupling

### Product Features

- Reduces installation time
- Eliminates field threading
- Lighter than traditional malleable iron 3-piece coupling
- Compact size makes installation easier where space is limited
- No need to disassemble the compression nut and ring
- Zinc-plated steel
- UL concrete-tight

### 90° Short Elbows - Malleable Iron

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1530RAC   | 2-1/2"     | 3.39             | 2                |
| 1532RAC   | 3"         | 2.18             | 1                |

### Compliance

- UL Listed E195969



See end of section (Pg B97) for detailed drawings »



## Threaded Hubs - Die-Cast



### Applications

- For use with threaded Rigid/IMC conduit to connect and bond conduit to a threadless opening in a box or enclosure
- May be used in wet or dry locations



Threaded Hubs Insulated

### Product Features

- Rugged metallic construction ensures mechanical protection
- Insulated throat protects wires and reduces wire pulling effort
- O-ring seals the assembly and provides a raintight seal

### Compliance

- Standard 514B  
UL Listed E195969
- C22.2 #18

### Threaded Hubs Insulated Throat - Die-Cast Zinc

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1702      | 1/2"       | —                | 25               |
| 1703      | 3/4"       | —                | 25               |
| 1704      | 1"         | —                | 25               |
| 1705      | 1-1/4"     | —                | 10               |
| 1706      | 1-1/2"     | —                | 10               |
| 1708      | 2"         | —                | 10               |
| 1710      | 2-1/2"     | —                | 5                |
| 1712      | 3"         | —                | 2                |
| 1714      | 3-1/2"     | —                | 2                |
| 1716      | 4"         | —                | 2                |

See end of section (Pg B99) for detailed drawings »



## Reducing Bushings - Steel



### Applications

- For use with threaded Rigid/IMC conduit to reduce the size of a female hub to accommodate a smaller size of conduit or male threaded hub



Reducing Bushings

### Product Features

- Rugged steel construction ensures mechanical protection of the raceway
- Zinc-electroplated for corrosion protection

### Compliance

- UL Listed E195969

#### Reducing Bushings - Steel

| Catalog # | Trade Size      | Unit Carton Qty. | Ship Carton Qty. |
|-----------|-----------------|------------------|------------------|
| 1141      | 1/2" - 3/8"     | —                | 100              |
| 1142      | 3/4" - 1/2"     | —                | 100              |
| 1143      | 1" - 1/2"       | —                | 50               |
| 1144      | 1" - 3/4"       | —                | 50               |
| 1145      | 1-1/4" - 1/2"   | —                | 50               |
| 1146      | 1-1/4" - 3/4"   | —                | 50               |
| 1147      | 1-1/4" - 1"     | —                | 50               |
| 1148      | 1-1/2" - 1/2"   | —                | 50               |
| 1149      | 1-1/2" - 3/4"   | —                | 50               |
| 1150      | 1-1/2" - 1"     | —                | 50               |
| 1151      | 1-1/2" - 1-1/4" | —                | 50               |
| 1152      | 2" - 1/2"       | —                | 25               |
| 1153      | 2" - 3/4"       | —                | 25               |
| 1154      | 2" - 1"         | —                | 25               |
| 1155      | 2" - 1-1/4"     | —                | 25               |
| 1156      | 2" - 1-1/2"     | —                | 25               |

See end of section (Pg B99) for detailed drawings »



## Reducing Bushings - Iron



### Applications

- For use with threaded Rigid/IMC conduit to reduce the size of a female hub to accommodate a smaller size of conduit or male threaded hub



Reducing Bushings

### Product Features

- Rugged iron construction ensures mechanical protection of the raceway
- Zinc-electroplated for corrosion protection

### Compliance

- UL Listed E195969

### Reducing Bushings - Iron

| Catalog # | Trade Size      | Unit Carton Qty. | Ship Carton Qty. |
|-----------|-----------------|------------------|------------------|
| 1160      | 2-1/2" - 1-1/4" | —                | 10               |
| 1161      | 2-1/2" - 1-1/2" | —                | 10               |
| 1162      | 2-1/2" - 2"     | —                | 10               |
| 1168      | 3" - 2"         | —                | 10               |
| 1169      | 3" - 2-1/2"     | —                | 5                |
| 1175      | 3-1/2" - 2"     | —                | 5                |
| 1176      | 3-1-2" - 2-1/2" | —                | 5                |
| 1177      | 3-1/2" - 3"     | —                | 5                |
| 1185      | 4" - 3"         | —                | 5                |
| 1186      | 4" - 3-1/2"     | —                | 5                |

See end of section (Pg B100) for detailed drawings »



## Locknuts - Steel

**Applications**

- For use in dry locations on threaded Rigid/IMC conduit to secure conduit to a box or enclosure

**Product Features**

- All steel construction ensures mechanical protection
- Zinc-electroplated for corrosion protection



**Locknuts  
(1001)**



**Locknuts  
(1002 - 1220)**

**Compliance**

- Standard 514B  
UL Listed E195969
- C22.2 #18

**Locknuts - Steel**

| Catalog #   | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-------------|------------|------------------|------------------|
| <b>1001</b> | 3/8"       | 100              | 1000             |
| <b>1002</b> | 1/2"       | 100              | 1000             |
| <b>1003</b> | 3/4"       | 100              | 1000             |
| <b>1004</b> | 1"         | —                | 100              |
| <b>1005</b> | 1-1/4"     | —                | 50               |
| <b>1006</b> | 1-1/2"     | —                | 50               |
| <b>1008</b> | 2"         | —                | 50               |
| <b>1010</b> | 2-1/2"     | —                | 30               |
| <b>1012</b> | 3"         | —                | 25               |
| <b>1014</b> | 3-1/2"     | —                | 15               |
| <b>1016</b> | 4"         | —                | 10               |
| <b>1020</b> | 5"         | —                | 8                |
| <b>1024</b> | 6"         | —                | 8                |

**Non-UL Locknuts - Steel**

| Catalog #   | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-------------|------------|------------------|------------------|
| <b>1192</b> | 1/2"       | 100              | 1000             |
| <b>1193</b> | 3/4"       | 100              | 1000             |
| <b>1194</b> | 1"         | —                | 100              |
| <b>1195</b> | 1-1/4"     | —                | 50               |
| <b>1196</b> | 1-1/2"     | —                | 50               |
| <b>1198</b> | 2"         | —                | 50               |
| <b>1197</b> | 2-1/2"     | —                | 30               |
| <b>1199</b> | 3"         | —                | 25               |
| <b>1200</b> | 3-1/2"     | —                | 15               |
| <b>1201</b> | 4"         | —                | 10               |
| <b>1219</b> | 5"         | —                | 8                |

See end of section (Pg B100) for detailed drawings »



## Bonding Locknuts - Steel



### Applications

- For use on threaded Rigid/IMC conduit
- Use bonding locknuts when additional locking and grounding connections are required for applications where severe vibration is encountered



Bonding Locknuts

### Product Features

- All steel construction ensures mechanical protection
- Zinc-electroplated for corrosion protection

### Compliance

- Standard 514B  
UL Listed E195975
- C22.2 #18

#### Bonding Locknuts - Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------|------------|------------------|------------------|----------|
| 1242      | 1/2"       | —                | 50               | —        |
| 1243      | 3/4"       | —                | 50               | —        |
| 1244      | 1"         | —                | 25               | —        |
| 1245      | 1-1/4"     | —                | 25               | —        |
| 1246      | 1-1/2"     | —                | 25               | —        |
| 1248      | 2"         | —                | 20               | —        |
| 1250      | 2-1/2"     | —                | 10               | —        |
| 1252      | 3"         | —                | 10               | —        |
| 1254      | 3-1/2"     | —                | 5                | —        |
| 1256      | 4"         | —                | 5                | —        |

## Grounding Rings - Die Cast Zinc

### Applications

- RACO Conduit Hub Grounding Rings are intended for use with RACO threaded die cast zinc Rigid/IMC conduit hubs
- Install the hub into a threadless enclosure opening and secure by threading the ring onto the end of the hub throat and tightening. Secure the ground wire to the bonding screw
- Bonding screws assure ground path continuity throughout the raceway



Grounding Ring

### Product Features

- Die cast zinc construction provides corrosion resistance
- NPSM tapping threads
- Slotted head, steel, water-tight bonding screw

#### Threaded Conduit Hub Grounding Ring - Die Cast Zinc

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1753      | 3/4"       | 25               | 250              |
| 1754      | 1"         | 25               | 250              |

See end of section (Pg B100) for detailed drawings »



## Sealing Locknuts - Steel



### Applications

- For use on threaded Rigid/IMC conduit to provide a Liquidtight seal against water and oil
- RACO® sealing locknuts may be used with either sheet metal or cast enclosures



Sealing Locknuts

### Product Features

- Fused-in-place gasket guarantees a Liquidtight seal
- Use RACO sealing locknut as an economical alternative to a threaded enclosure connector
- All steel construction ensures mechanical protection
- Zinc-electroplated for corrosion protection

### Compliance

- Standard 514B (1202 - 1210)  
UL File E195969
- C22.2 #18 (1202 - 1211)

### Sealing Locknuts - Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1202      | 1/2"       | —                | 100              |
| 1203      | 3/4"       | —                | 100              |
| 1204      | 1"         | —                | 50               |
| 1205      | 1-1/4"     | —                | 50               |
| 1206      | 1-1/2"     | —                | 25               |
| 1208      | 2"         | —                | 25               |
| 1207      | 2-1/2"     | —                | 30               |
| 1209      | 3"         | —                | 25               |
| 1210      | 3-1/2"     | —                | 15               |
| 1211      | 4"         | —                | 10               |

See end of section (Pg B101) for detailed drawings »



## Insulating Bushings - Polypropylene

### Applications

#### Insulating Bushings

- For use on threaded Rigid/IMC conduit
- RACO® bushings provide a smooth rounded surface at the entrance of raceways



Insulating Bushings



Universal Split  
Insulating Bushings



#### Split Bushings

- Install on fittings, threaded or unthreaded Rigid/IMC, or EMT conduit
- Can be installed after wires and cables are pulled

### Product Features

#### Insulating Bushings

- Insulating bushings are made of high impact polypropylene temperature rated 105° C

#### Split Bushings

- Code-saver
- One-piece design: no fumbling with extra pieces
- Easy, quick installation
- Low profile design
- No more damaged bushings during wire pulling
- Rated to 105° C

#### Insulating Bushings - Polypropylene

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1402      | 1/2"       | 100              | 400              |
| 1403      | 3/4"       | 100              | 400              |
| 1404      | 1"         | 50               | 200              |
| 1405      | 1-1/4"     | —                | 25               |
| 1406      | 1-1/2"     | —                | 25               |
| 1408      | 2"         | —                | 25               |
| 1410      | 2-1/2"     | —                | 10               |
| 1412      | 3"         | —                | 10               |
| 1414      | 3-1/2"     | —                | 5                |
| 1416      | 4"         | —                | 5                |
| 1420      | 5"         | —                | 5                |
| 1424      | 6"         | —                | 5                |

#### Universal Split Insulating Bushings - Polypropylene

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1410USP   | 2-1/2"     | —                | 20               |
| 1412USP   | 3"         | —                | 20               |
| 1414USP   | 3-1/2"     | —                | 20               |
| 1416USP   | 4"         | —                | 10               |

See end of section (Pg B102) for detailed drawings »



## Bushings - Malleable Iron



### Applications

- For use on threaded Rigid/IMC conduit
- RACO® bushings provide a smooth rounded surface at the entrance of raceways



Bushings

### Product Features

- Malleable iron construction ensures mechanical protection
- Zinc-electroplated for corrosion protection

### Compliance

- Standard 514B  
UL Listed E195969
- C22.2 #18

#### **Bushings - Malleable Iron**

| Catalog #      | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|----------------|------------|------------------|------------------|
| <b>1102RAC</b> | 1/2"       | —                | 100              |
| <b>1103</b>    | 3/4"       | —                | 100              |
| <b>1104</b>    | 1"         | —                | 50               |
| <b>1105</b>    | 1-1/4"     | —                | 50               |
| <b>1106</b>    | 1-1/2"     | —                | 50               |
| <b>1108</b>    | 2"         | —                | 50               |
| <b>1110</b>    | 2-1/2"     | —                | 30               |
| <b>1112</b>    | 3"         | —                | 10               |
| <b>1114</b>    | 3-1/2"     | —                | 10               |
| <b>1116</b>    | 4"         | —                | 10               |

See end of section (Pg B102) for detailed drawings »



## Insulated Bushings - Malleable Iron



### Applications

- For use on threaded Rigid/IMC conduit to provide a smooth rounded surface at the entrance of raceways

### Product Features

- Insuliner temperature rated 150°C
- Malleable iron construction ensures mechanical protection for the raceway
- Zinc-electroplated for corrosion protection
- 1/2" to 1" trade sizes are also available in die-cast zinc

### Compliance

- Standard 514B  
UL Listed E195969
- C22.2 #18



Malleable Iron



Die-cast Zinc

### Insulating Bushings - Malleable Iron

| Catalog #    | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|--------------|------------|------------------|------------------|
| <b>1132*</b> | 1/2"       | 100              | 100              |
| <b>1133*</b> | 3/4"       | 100              | 50               |
| <b>1134*</b> | 1"         | 50               | 25               |
| <b>1135</b>  | 1-1/4"     | —                | 25               |
| <b>1136</b>  | 1-1/2"     | —                | 25               |
| <b>1138</b>  | 2"         | —                | 10               |
| <b>1126</b>  | 2-1/2"     | —                | 10               |
| <b>1127</b>  | 3"         | —                | 5                |
| <b>1128</b>  | 3-1/2"     | —                | 5                |
| <b>1129</b>  | 4"         | —                | 5                |

Notes: \*Available in Die-cast Zinc. Add suffix DC when ordering.

See end of section (Pg B102) for detailed drawings »



## 150° Insulated Grounding Bushings - Malleable Iron

**Applications**

- For use on threaded Rigid/IMC conduit to provide a means of grounding conduit through an insulated bushing

**Product Features**

- Lay-in and Feed-thru lug styles provide an easy means of inserting a ground wire
- Dual rated aluminum grounding lugs may be used with copper or aluminum grounding conductors
- Insuliner temperature rated 150°C
- Malleable iron construction ensures mechanical protection for the raceway
- Zinc-electroplated for corrosion protection

**Compliance**

- Standard 514B
- C22.2 #18



**Insulated Grounding Bushings  
Lay-in Lug**



**Insulated Grounding Bushings  
Feed-thru Lug**

**150° Insulated Grounding Bushings**

| Catalog #                      | Trade Size | Ship Carton Qty. | Grounding Wire Capacity |           |
|--------------------------------|------------|------------------|-------------------------|-----------|
|                                |            |                  | Min.                    | Max.      |
| Lay-In Lug - Malleable Iron    |            |                  |                         |           |
| 1212                           | 1/2"       | 100              | #14 Sol.                | #4 Str.   |
| 1213                           | 3/4"       | 100              | #14 Sol.                | #4 Str.   |
| 1214                           | 1"         | 50               | #14 Sol.                | #4 Str.   |
| 1215                           | 1-1/4"     | 25               | #14 Sol.                | #4 Str.   |
| 1216                           | 1-1/2"     | 25               | #14 Sol.                | #4 Str.   |
| 1218                           | 2"         | 10               | #14 Sol.                | #4 Str.   |
| 1290                           | 2-1/2"     | 10               | #14 Sol.                | #1/0 Str. |
| 1292RAC                        | 3"         | 5                | #14 Sol.                | #1/0 Str. |
| 1294                           | 3-1/2"     | 5                | #6 Sol.                 | #250 MCM  |
| 1296                           | 4"         | 5                | #6 Sol.                 | #250 MCM  |
| Lay-In Lug - Die-Cast Zinc     |            |                  |                         |           |
| 1262DC                         | 1/2"       | 100              | #14 Sol.                | #4 Str.   |
| 1263DC                         | 3/4"       | 100              | #14 Sol.                | #4 Str.   |
| 1264DC                         | 1"         | 50               | #14 Sol.                | #4 Str.   |
| Feed-thru Lug - Malleable Iron |            |                  |                         |           |
| 1222                           | 1/2 "      | 100              | #14 Sol.                | #4 Str.   |
| 1223                           | 3/4"       | 100              | #14 Sol.                | #4 Str.   |
| 1224                           | 1"         | 50               | #14 Sol.                | #4 Str.   |
| 1225                           | 1-1/4"     | 25               | #14 Sol.                | #4 Str.   |
| 1226                           | 1-1/2"     | 25               | #14 Sol.                | #4 Str.   |
| 1228                           | 2"         | 10               | #14 Sol.                | #4 Str.   |
| 1230                           | 2-1/2"     | 10               | #14 Sol.                | #1/0 Str. |
| 1232RAC                        | 3"         | 5                | #14 Sol.                | #1/0 Str. |
| 1234                           | 3-1/2"     | 5                | #6 Sol.                 | #250 MCM  |
| 1236                           | 4"         | 5                | #6 Sol.                 | #250 MCM  |

See end of section (Pg B103) for detailed drawings »



## Straps - Steel

### Applications

- For use in mounting Rigid/IMC conduit in wet or dry locations
- RACO® Rigid/IMC conduit straps are suitable for use on Liquidtight flexible metal conduit and Liquidtight flexible nonmetallic conduit (type B)



One Hole Push-on Straps

### Product Features

- All stamped steel construction ensures mechanical protection
- RACO® steel one-hole straps snap on to conduit, allowing the installer to easily position the strap before mounting
- All straps are zinc-electroplated for corrosion protection

#### One Hole Push-on Straps - Stamped Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1332      | 1/2"       | 100              | 500              |
| 1333      | 3/4"       | 100              | 500              |
| 1334      | 1"         | 50               | 250              |
| 1335      | 1-1/4"     | —                | 25               |
| 1336      | 1-1/2"     | —                | 25               |
| 1338      | 2"         | —                | 25               |
| 1337      | 2-1/2"     | —                | 25               |
| 1339      | 3"         | —                | 25               |
| 1340      | 3-1/2"     | —                | 10               |
| 1341      | 4"         | —                | 10               |

See end of section (Pg B104) for detailed drawings »



## Straps - Steel

### Applications

- For use in mounting Rigid/IMC conduit in wet or dry locations
- RACO® Rigid/IMC conduit straps are suitable for use on Liquidtight flexible metal conduit and Liquidtight flexible nonmetallic conduit (type B)



Two Hole Straps

### Product Features

- All stamped steel construction ensures mechanical protection
- All straps are zinc-electroplated for corrosion protection

#### Two Hole Push-on Straps - Stamped Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 2232      | 1/2"       | —                | 100              |
| 2233      | 3/4"       | —                | 100              |
| 2234      | 1"         | —                | 100              |
| 2235      | 1-1/4"     | —                | 100              |
| 2236      | 1-1/2"     | —                | 50               |
| 2238      | 2"         | —                | 25               |
| 2239      | 2-1/2"     | —                | 25               |
| 2240      | 3"         | —                | 25               |
| 2241      | 3-1/2"     | —                | 25               |
| 2242      | 4"         | —                | 10               |
| 2245-2    | 5"         | —                | 5                |
| 2246-2    | 6"         | —                | 5                |

See end of section (Pg B104) for detailed drawings »



## One Hole Straps - Malleable Iron



## Applications

- For use in mounting Rigid/IMC conduit in wet or dry locations
- RACO® Rigid/IMC conduit straps are suitable for use on Liquidtight flexible metal conduit and Liquidtight flexible nonmetallic conduit (type B)



One Hole Straps

## Product Features

- All malleable construction ensures mechanical protection
- All straps are zinc-electroplated for corrosion protection

## Compliance

- C22.2 #18 LR57925
- Listed E229278

## One Hole Straps - Stamped Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| *1301     | 3/8"       | —                | 100              |
| 1302      | 1/2"       | —                | 100              |
| 1303      | 3/4"       | —                | 100              |
| 1304      | 1"         | —                | 50               |
| 1305      | 1-1/4"     | —                | 25               |
| 1306      | 1-1/2"     | —                | 25               |
| 1308      | 2"         | —                | 25               |
| 1310      | 2-1/2"     | —                | 10               |
| 1312      | 3"         | —                | 10               |
| 1314      | 3-1/2"     | —                | 5                |
| 1316      | 4"         | —                | 5                |

Notes: \*3/8" not Listed.

See end of section (Pg B104) for detailed drawings »



## Clamp Backs - Malleable Iron

### Applications

- For use with RACO® 1300 Series straps to permit space between the conduit and the mounting surface
- Use of clamp backs in outdoor locations can prevent the buildup of snow and rain between the conduit and the mounting surface



Clamp Backs

### Product Features

- All malleable construction ensures durability and mechanical protection
- Elongated bolt holes make alignment with straps easy

### Compliance

- UL Listed E195968

### Clamp Backs - Malleable Iron

| Catalog #   | Trade Size |          | Unit Carton Qty. | Ship Carton Qty. |
|-------------|------------|----------|------------------|------------------|
|             | RIGID SIZE | EMT SIZE |                  |                  |
| <b>1342</b> | 1/2"       | 3/4"     | —                | 100              |
| <b>1343</b> | 3/4"       | 1"       | —                | 100              |
| <b>1344</b> | 1"         | 1-1/4"   | —                | 50               |
| <b>1345</b> | 1-1/4"     | 1-1/2"   | —                | 25               |
| <b>1346</b> | 1-1/2"     | 2"       | —                | 25               |
| <b>1348</b> | 2"         | 2"       | —                | 10               |
| <b>1347</b> | 2-1/2"     | 2-1/2"   | —                | 10               |
| <b>1349</b> | 3"         | 3"       | —                | 10               |
| <b>1350</b> | 3-1/2"     | 3-1/2"   | —                | 5                |
| <b>1351</b> | 4"         | 4"       | —                | 5                |

See end of section (Pg B105) for detailed drawings »

## Straight and 45° Connectors



### Applications

- Use in outdoor or indoor locations on flexible metallic Liquidtight conduit and Type B flexible nonmetallic Liquidtight conduit
- Use to positively bond the conduit to a box or enclosure

### Product Features

- Unique split-gland ring is designed to slip onto the conduit quickly and grip the jacket of the conduit, speeding installation, assuring a perfect seal, and preventing pullouts
- All components are reusable - RACO® Liquidtight connectors may be easily disassembled and reused after years of service
- Sealing washer provides a Liquidtight seal when terminating the connector in a threadless opening
- Heavy duty locknut assures continuity of ground
- All steel/iron components are zinc-electroplated for added corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons

### Bodies - Straight

- Malleable Iron - 3/8" to 4"

### Nuts - Straight, 45°

- Steel - 3/8" to 1"
- Malleable Iron - 1-1/4" to 4"

### Compliance

- Standard 514B  
C22.2 #18



Insulated  
Steel/Malleable Iron



Uninsulated  
Steel/Malleable Iron

### Straight - Insulated and Uninsulated - Steel/Malleable Iron

| Insulated Catalog # | Uninsulated Catalog # | Trade size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------------|-----------------------|------------|------------------|------------------|----------|
| 3511RAC*            | —                     | 3/8"       | 25               | 100              | —        |
| —                   | 3401                  | 3/8"       | 50               | 200              | —        |
| —                   | 3401-8                | 3/8"       | 1                | 15               |          |
| 3512RAC             | 3402                  | 1/2"       | 50               | 200              | —        |
| 3512-8              | 3402-8                | 1/2"       | 1                | 15               |          |
| 3513RAC             | 3403                  | 3/4"       | 25               | 100              | —        |
| 3513-8              | 3403-8                | 3/4"       | 1                | 10               |          |
| 3514RAC             | 3404                  | 1"         | —                | 10               | —        |
| 3514-8              | 3404-8                | 1"         | 1                | 5                |          |
| 3515RAC             | 3405                  | 1-1/4"     | —                | 10               | —        |
| 3516                | 3406                  | 1-1/2"     | —                | 5                | —        |
| 3518                | 3408                  | 2"         | —                | 5                | —        |
| 3520                | 3410                  | 2-1/2"     | —                | 1                | —        |
| 3522                | 3412                  | 3"         | —                | 1                | —        |
| 3524                | 3414                  | 3-1/2"     | —                | 1                | —        |
| 3526                | 3416                  | 4"         | —                | 1                | —        |



Insulated Malleable Iron



Uninsulated Malleable Iron

### 45° Insulated and Uninsulated - Malleable Iron

| Catalog # | Uninsulated Catalog # | Trade size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------|-----------------------|------------|------------------|------------------|----------|
| 3561*     | 3441*                 | 3/8"       | —                | 25               | —        |
| 3562      | 3442                  | 1/2"       | —                | 25               | —        |
| 3563      | 3443                  | 3/4"       | —                | 25               | —        |
| 3564      | 3444                  | 1"         | —                | 10               | —        |
| 3565      | 3445                  | 1-1/4"     | —                | 10               | —        |
| 3566      | 3446                  | 1-1/2"     | —                | 5                | —        |
| 3568      | 3448                  | 2"         | —                | 5                | —        |

Notes: \* 1/2" Trade size hub.

Operating Temperature - Due to the limiting factors of nylon, metallic Liquidtight flexible conduit fittings will continuously perform in the range of -40°F to +225°F (-40°C to +107°C).

See end of section (Pg B105) and (Pg B106) for detailed drawings »

**90° Connectors****Applications**

- For use in outdoor or indoor locations on flexible metallic Liquidtight conduit and Type B flexible nonmetallic Liquidtight conduit
- Use to positively bond the conduit to a box or enclosure



**Insulated**  
Steel/Malleable Iron



**Uninsulated**  
Steel/Malleable Iron

**Product Features**

- Unique split-gland ring is designed to slip onto the conduit quickly gripping the jacket of the conduit, speeding installation, assuring a perfect seal, and preventing pullouts
- All components are reusable - RACO® Liquidtight connectors may be easily disassembled and reused after years of service
- Sealing washer provides a Liquidtight seal when terminating the connector in a threadless opening
- Heavy duty locknut assures continuity of ground
- All steel/iron components are zinc-electroplated for added corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons

**Straight - Insulated and Uninsulated - Steel/Malleable Iron**

| Insulated Catalog # | Uninsulated Catalog # | Trade size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------------|-----------------------|------------|------------------|------------------|----------|
| <b>3541RAC*</b>     | <b>3421*</b>          | 3/8"       | 25               | 100              | —        |
| —                   | <b>3421-8*</b>        | 3/8"       | 1                | 15               |          |
| <b>3542</b>         | <b>3422</b>           | 1/2"       | 25               | 100              | —        |
| <b>3542-8</b>       | <b>3422-8</b>         | 1/2"       | 1                | 15               |          |
| <b>3543</b>         | <b>3423</b>           | 3/4"       | 25               | 100              | —        |
| <b>3543-8</b>       | <b>3423-8</b>         | 3/4"       | 1                | 10               |          |
| <b>3544</b>         | <b>3424</b>           | 1"         | —                | 10               | —        |
| <b>3544-8</b>       | <b>3424-8</b>         | 1"         | 1                | 5                |          |
| <b>3545</b>         | <b>3425</b>           | 1-1/4"     | —                | 10               | —        |
| —                   | <b>3425-8</b>         | 1-1/4"     | 1                | 3                | —        |
| <b>3546</b>         | <b>3426</b>           | 1-1/2"     | —                | 5                | —        |
| —                   | <b>3426-8</b>         | 1-1/2"     | 1                | 3                | —        |
| <b>3548</b>         | <b>3428</b>           | 2"         | —                | 5                | —        |
| <b>3550</b>         | <b>3430</b>           | 2-1/2"     | —                | 1                | —        |
| <b>3552</b>         | <b>3432</b>           | 3"         | —                | 1                | —        |
| <b>3556</b>         | <b>3436</b>           | 4"         | —                | 1                | —        |

Notes: \* 1/2" Trade size hub.

Operating Temperature - Due to the limiting factors of nylon, metallic Liquidtight flexible conduit fittings will continuously perform in the range of -40°F to +225°F (-40°C to +107°C).

**Bodies - Straight**

- Malleable Iron - 3/8" to 4"

**Nuts - Straight, 90°**

- Steel - 3/8" to 1"
- Malleable Iron - 1-1/4" to 4"

**Compliance**

- Standard 514B  
C22.2 #18

See end of section (Pg B106) for detailed drawings »

## Straight and 90° Connectors



### Applications

- For use in outdoor or indoor locations on flexible metallic Liquidtight conduit and Type B flexible nonmetallic Liquidtight conduit
- Use to positively bond the conduit to a box or enclosure

### Product Features

- Unique split-gland ring is designed to slip onto the conduit quickly and to grip the jacket of the conduit, speeding installation, assuring a perfect seal, and preventing pullouts
- All components are reusable - RACO® liquid-tight connectors may be easily disassembled and reused after years of service
- Sealing washer (included) provides a liquid-tight seal when terminating the connector in a threadless opening
- Heavy duty locknut included with every RACO® Liquidtight connector assures continuity of ground



Insulated  
Die-Cast Zinc



Uninsulated  
Die-Cast Zinc

### Straight - Insulated and Uninsulated - Die-Cast Zinc

| Insulated Catalog # | Uninsulated Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Metric Designator | Tightening Torque |          |
|---------------------|-----------------------|------------|------------------|------------------|-------------------|-------------------|----------|
|                     |                       |            |                  |                  |                   | N-m               | (lbf-in) |
| 3511DC*             | —                     | 3/8"       | 25               | 100              | 12                | 22.6              | 200      |
| —                   | 3401DC*               | 3/8"       | 50               | 200              | 12                | 22.6              | 200      |
| 3512DC              | 3402DC                | 1/2"       | 50               | 200              | 16                | 33.9              | 300      |
| 3513DC              | 3403DC                | 3/4"       | 25               | 100              | 21                | 56.5              | 500      |
| 3514DC              | 3404DC                | 1"         | —                | 10               | 27                | 79.1              | 700      |
| 3515DC              | 3405DC                | 1-1/4"     | —                | 10               | 35                | 113               | 1000     |
| 3516DC              | 3406DC                | 1-1/2"     | —                | 5                | 41                | 136               | 1200     |
| 3518DC              | 3408DC                | 2"         | —                | 5                | 53                | 181               | 1600     |
| 3520DC              | —                     | 2-1/2"     | —                | 1                | 63                | 181               | 1600     |
| 3522DC              | —                     | 3"         | —                | 1                | 78                | 181               | 1600     |
| 3524DC              | —                     | 3-1/2"     | —                | 1                | 91                | 181               | 1600     |
| 3526DC              | —                     | 4"         | —                | 1                | 103               | 181               | 1600     |



Insulated  
Die-Cast Zinc



Uninsulated  
Die-Cast Zinc

### 90° Insulated and Uninsulated - Die Cast Zinc

| Insulated Catalog # | Uninsulated Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Metric Designator | Tightening Torque |          |
|---------------------|-----------------------|------------|------------------|------------------|-------------------|-------------------|----------|
|                     |                       |            |                  |                  |                   | N-m               | (lbf-in) |
| 3541DC*             | 3421DC*               | 3/8"       | 25               | 100              | 12                | 22.6              | 200      |
| 3542DC              | 3422DC                | 1/2"       | 25               | 100              | 16                | 33.9              | 300      |
| 3543DC              | 3423DC                | 3/4"       | 25               | 100              | 21                | 56.5              | 500      |
| 3544DC              | 3424DC                | 1"         | —                | 10               | 27                | 79.1              | 700      |
| 3545DC              | 3425DC                | 1-1/4"     | —                | 10               | 35                | 113               | 1000     |
| 3546DC              | 3426DC                | 1-1/2"     | —                | 5                | 41                | 136               | 1200     |
| 3548DC              | 3428DC                | 2"         | —                | 5                | 53                | 181               | 1600     |
| 3550DC              | —                     | 2-1/2"     | —                | 1                | 63                | 181               | 1600     |
| 3552DC              | —                     | 3"         | —                | 1                | 78                | 181               | 1600     |
| 3554DC              | —                     | 3-1/2"     | —                | 1                | 91                | 181               | 1600     |
| 3556DC              | —                     | 4"         | —                | 1                | 103               | 181               | 1600     |

Notes: \* 1/2" Trade size hub. A 3/8 (12) trade-size fitting for use with liquid-tight flexible metal conduit shall be tightened with a torque of 26.5 N-m (235 lbf-in).

See end of section (Pg B106) and (Pg B107) for detailed drawings »



## Straight, Grounding Type Connectors



### Applications

- For use in outdoor or indoor locations on flexible metallic Liquidtight conduit, when installation of a copper or aluminum external bonding jumper is required



Insulated w/Ground Lug  
Steel/Malleable Iron

### Product Features

- Unique split-gland ring is designed to slip onto the conduit quickly gripping the jacket of the conduit, speeding installation, assuring a perfect seal, and preventing pullouts
- All components are reusable -
- RACO® Liquidtight connectors may be easily disassembled and reused after years of service
- Sealing washer (included) provides a Liquidtight seal when terminating the connector in a threadless opening
- Heavy duty locknut included with every RACO® Liquidtight connector assures continuity of ground
- All metallic components are zinc-electroplated for added corrosion protection

#### Straight - Insulated with Ground Lug - Steel/Malleable Iron

| Catalog #      | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Grounding Wire Capacity |           |
|----------------|------------|------------------|------------------|-------------------------|-----------|
|                |            |                  |                  | Minimum                 | Maximum   |
| <b>3511-3*</b> | 3/8"       | —                | 25               | #14 SOL.                | #4 STR.   |
| <b>3512-3</b>  | 1/2"       | —                | 25               | #14 SOL.                | #4 STR.   |
| <b>3513-3</b>  | 3/4"       | —                | 25               | #14 SOL.                | #4 STR.   |
| <b>3514-3</b>  | 1"         | —                | 10               | #14 SOL.                | #4 STR.   |
| <b>3515-3</b>  | 1-1/4"     | —                | 10               | #14 SOL.                | #4 STR.   |
| <b>3516-3</b>  | 1-1/2"     | —                | 5                | #14 SOL.                | #4 STR.   |
| <b>3518-3</b>  | 2"         | —                | 5                | #14 SOL.                | #4 STR.   |
| <b>3520-3</b>  | 2-1/2"     | —                | 1                | #14 SOL.                | #1/0 STR. |
| <b>3522-3</b>  | 3"         | —                | 1                | #14 SOL.                | #1/0 STR. |
| <b>3524-3</b>  | 3-1/2"     | —                | 1                | #6 STR.                 | #250 MCM  |
| <b>3526-3</b>  | 4"         | —                | 1                | #6 STR.                 | #250 MCM  |

Notes: \* 1/2" Trade size hub.

### Bodies

- 3/8" to 1" Steel, 1-1/4" to 4" Malleable Iron

### Nuts

- 3/8" to 1" Steel, 1-1/4" to 4" Malleable Iron

### Compliance

- Standard 514B  
C22.2 #18

See end of section (Pg B106) for detailed drawings »

## 45° Insulated Connector, Grounding Type



### Applications

- For use in outdoor or indoor locations on flexible metallic Liquidtight conduit, when installation of a copper or aluminum external bonding jumper is required



Insulated w/Ground Lug  
Steel/Malleable Iron

### Product Features

- Split-gland ring is designed to slip onto the conduit quickly and to grip the jacket of the conduit, speeding installation, assuring a perfect seal, and preventing pullouts
- Malleable iron castings mate with other components perfectly without strain or distortion
- All components are reusable -
- RACO® Liquidtight connectors may be easily disassembled and reused after years of service
- Sealing washer (included) provides a Liquidtight seal when terminating the connector in a threadless opening
- Heavy duty locknut included with every RACO® Liquidtight connector assures continuity of ground
- All metallic components are zinc-electroplated for added corrosion protection

### 45° - Insulated with Ground Lug - Steel/Malleable Iron

| Catalog #      | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Grounding Wire Capacity |         |
|----------------|------------|------------------|------------------|-------------------------|---------|
|                |            |                  |                  | Minimum                 | Maximum |
| <b>3561-3*</b> | 3/8"       | —                | 25               | #14 SOL.                | #4 STR. |
| <b>3562-3</b>  | 1/2"       | —                | 25               | #14 SOL.                | #4 STR. |
| <b>3563-3</b>  | 3/4"       | —                | 25               | #14 SOL.                | #4 STR. |
| <b>3564-3</b>  | 1"         | —                | 10               | #14 SOL.                | #4 STR. |
| <b>3565-3</b>  | 1-1/4"     | —                | 10               | #14 SOL.                | #4 STR. |
| <b>3566-3</b>  | 1-1/2"     | —                | 5                | #14 SOL.                | #4 STR. |
| <b>3568-3</b>  | 2"         | —                | 5                | #14 SOL.                | #4 STR. |

Notes: \* 1/2" Trade size hub.

### Bodies

- 3/8" to 2" Malleable Iron

### Nuts

- 3/8" to 1" Steel, 1-1/4" to 2" Malleable Iron

### Compliance

- Standard 514B  
C22.2 #18

See end of section (Pg B107) for detailed drawings »

**90° Insulated Connector, Grounding Type****Applications**

- For use in outdoor or indoor locations on flexible metallic Liquidtight conduit, when installation of a copper or aluminum external bonding jumper is required



**Insulated w/Ground Lug  
Steel/Malleable Iron**

**Product Features**

- Split-gland ring is designed to slip onto the conduit quickly gripping the jacket of the conduit, speeding installation, assuring a perfect seal, and preventing pullouts
- Malleable iron castings mate with other components perfectly without strain or distortion
- All components are reusable - RACO® Liquidtight connectors may be easily disassembled and reused after years of service
- Sealing washer (included) provides a Liquidtight seal when terminating the connector in a threadless opening
- Heavy duty locknut included with every RACO® Liquidtight connector assures continuity of ground
- All metallic components are zinc-electroplated for added corrosion protection

**90° - Insulated with ground Lug - Steel/Malleable Iron**

| Catalog #      | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Grounding Wire Capacity |           |
|----------------|------------|------------------|------------------|-------------------------|-----------|
|                |            |                  |                  | Minimum                 | Maximum   |
| <b>3541-3*</b> | 3/8"       | —                | 25               | #14 SOL.                | #4 STR.   |
| <b>3542-3</b>  | 1/2"       | —                | 25               | #14 SOL.                | #4 STR.   |
| <b>3543-3</b>  | 3/4"       | —                | 25               | #14 SOL.                | #4 STR.   |
| <b>3544-3</b>  | 1"         | —                | 10               | #14 SOL.                | #4 STR.   |
| <b>3545-3</b>  | 1-1/4"     | —                | 10               | #14 SOL.                | #4 STR.   |
| <b>3546-3</b>  | 1-1/2"     | —                | 5                | #14 SOL.                | #4 STR.   |
| <b>3548-3</b>  | 2"         | —                | 5                | #14 SOL.                | #4 STR.   |
| <b>3550-3</b>  | 2-1/2"     | —                | 1                | #14 SOL.                | #1/0 STR. |
| <b>3552-3</b>  | 3"         | —                | 1                | #14 SOL.                | #1/0 STR. |
| <b>3556-3</b>  | 4"         | —                | 1                | #6 STR.                 | #250 MCM  |

Notes: \* 1/2" Trade size hub.

**Bodies**

- 3/8" to 4" Malleable Iron

**Nuts**

- 3/8" to 1" Steel, 1-1/4" to 4" Malleable Iron

**Compliance**

- Standard 514B  
C22.2 #18

See end of section (Pg B107) for detailed drawings »

## Type B Connectors for Type B Nonmetallic Conduit - Nonmetallic



### Applications

- For use in dry or wet locations when the conduit and fittings are not subject to physical damage
- Use Type B conduit and fittings whenever flexibility is required for installation, operation, or maintenance



**Straight Connectors**  
Nylon - for Type B Conduit

### Product Features

- All gray nonmetallic construction provides superior corrosion resistance
- Each connector is supplied with a Neoprene O-ring and nylon gasket
- SWIVEL-LOK, multi-position connector (trade sizes 3/8" to 1") twists from 0° to 90°, easing installation in difficult locations and eliminating need to stock other angle connectors
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for an attractive presentation

#### Straight Connectors - Nylon

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------|------------|------------------|------------------|----------|
| 4721*     | 3/8"       | —                | 25               | —        |
| 4722      | 1/2"       | —                | 25               | —        |
| 4722-8    | 1/2"       | 1                | 20               |          |
| 4723      | 3/4"       | —                | 25               | —        |
| 4723-8    | 3/4"       | 1                | 15               |          |
| 4724      | 1"         | —                | 10               | —        |
| 4725      | 1-1/4"     | —                | 10               | —        |
| 4726      | 1-1/2"     | —                | 5                | —        |
| 4728      | 2"         | —                | 5                | —        |

Notes: \* 1/2" Trade size hub.

### Compliance

- Standard 514B
- C22.2 #18
- NEMA Type 4x, 12 and 13



SWIVEL-LOK Straight Position



SWIVEL-LOK 90° Position

#### SWIVEL-LOK Multiposition Connectors - Nylon for Type B Conduit

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------|------------|------------------|------------------|----------|
| 4731*     | 3/8"       | —                | 25               | —        |
| 4732      | 1/2"       | —                | 25               | —        |
| 4732-8    | 1/2"       | 1                | 20               |          |
| 4733      | 3/4"       | —                | 25               | —        |
| 4733-8    | 3/4"       | 1                | 15               |          |
| 4734      | 1"         | —                | 10               | —        |
| 4734-8    | 1"         | 1                | 10               |          |

See end of section (Pg B108) for detailed drawings »

**Strain Relief Cord Connectors - Steel/Malleable Iron****Applications**

- For use in dry or wet locations to provide a Liquidtight and strain relief termination for flexible cord and cable

**Product Features**

- All steel/malleable construction provides mechanical strength
- Unique Neoprene grommet design - grommet is forced up and around the cord when the nut is tightened for a positive Liquidtight seal
- Washers have size range imprinted for identification - eliminates misidentifying inventory
- Use RACO® locknuts and sealing washers to complete a Liquidtight installation on a sheet metal box or panel
- All metallic components are zinc-electroplated for corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for attractive presentation

**Bodies**

- 3/8" to 1" Steel, 1-1/4" to 1-1/2" Malleable Iron

**Nuts**

- 3/8" to 1" Steel, 1-1/4" to 1-1/2" Malleable Iron

**Straight Connectors****Straight Connectors - Steel/Malleable Iron**

| Catalog #                   | Cable Range Inches | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------------------------|--------------------|------------------|------------------|----------|
| <b>1/2" Hubs - Form 1</b>   |                    |                  |                  |          |
| 3702-1                      | .125 - .250        | —                | 25               | —        |
| 3702-2                      | .250 - .375        | —                | 25               | —        |
| 3782-2                      | .250 - .375        | 1                | 15               |          |
| 3702-3                      | .375 - .425        | —                | 25               | —        |
| 3702-4                      | .425 - .500        | —                | 25               | —        |
| <b>1/2" Hubs - Form 2</b>   |                    |                  |                  |          |
| 3702-5                      | .375 - .500        | —                | 25               | —        |
| 3782-5                      | .375 - .500        | 1                | 15               |          |
| 3702-6                      | .500 - .600        | —                | 25               | —        |
| 3782-6                      | .500 - .600        | 1                | 15               |          |
| <b>3/4" Hubs - Form 3</b>   |                    |                  |                  |          |
| 3703-1                      | .250 - .375        | —                | 25               | —        |
| 3703-2                      | .375 - .500        | —                | 25               | —        |
| 3703-3                      | .500 - .600        | —                | 25               | —        |
| 3703-4                      | .600 - .700        | —                | 25               | —        |
| 3703-6                      | .650 - .700        | —                | 25               | —        |
| 3703-5                      | .700 - .850        | —                | 25               | —        |
| <b>1" Hubs - Form 4</b>     |                    |                  |                  |          |
| 3704-1                      | .600 - .700        | —                | 25               | —        |
| 3704-2                      | .700 - .850        | —                | 25               | —        |
| 3704-3                      | .850 - 1.000       | —                | 25               | —        |
| <b>1-1/4" Hubs - Form 5</b> |                    |                  |                  |          |
| 3705-1                      | .850 - 1.000       | —                | 25               | —        |
| 3705-2                      | 1.000 - 1.250      | —                | 25               | —        |
| 3705-3                      | 1.250 - 1.400      | —                | 25               | —        |
| <b>1-1/2" Hubs - Form 6</b> |                    |                  |                  |          |
| 3706-1                      | 1.000 - 1.250      | —                | 10               | —        |
| 3706-2                      | 1.250 - 1.400      | —                | 10               | —        |

See end of section (Pg B109) for detailed drawings »

## 90° Strain Relief Cord Connectors - Steel/Malleable Iron



### Applications

- For use in dry or wet locations to provide a Liquidtight and strain relief termination for flexible cord and cable

### Product Features

- All steel/malleable construction provides mechanical strength
- Unique Neoprene grommet design - grommet is forced up and around the cord when the nut is tightened for a positive Liquidtight seal
- Washers have size range imprinted for identification - eliminates misidentifying inventory
- Use RACO® locknuts and sealing washers to complete a Liquidtight installation on a sheet metal box or panel
- All metallic components are zinc-electroplated for corrosion protection

### Bodies

- 1/2" to 3/4" Malleable Iron

### Nuts

- 1/2" to 3/4" Steel

### Compliance

- UL File E195973



90° Connectors

#### 90° Connectors - Malleable Iron

| Catalog #                 | Trade Size  | Unit Carton Qty. | Ship Carton Qty. |
|---------------------------|-------------|------------------|------------------|
| <b>1/2" Hubs - Form 1</b> |             |                  |                  |
| <b>3792-1</b>             | .125 - .250 | —                | 25               |
| <b>3792-2</b>             | .250 - .375 | —                | 25               |
| <b>3792-3</b>             | .375 - .425 | 1                | 25               |
| <b>3792-4</b>             | .425 - .500 | —                | 25               |
| <b>1/2" Hubs - Form 2</b> |             |                  |                  |
| <b>3792-5</b>             | .375 - .500 | —                | 25               |
| <b>3792-6</b>             | .500 - .600 | 1                | 25               |
| <b>3/4" Hubs - Form 3</b> |             |                  |                  |
| <b>3793-1</b>             | .250 - .375 | —                | 10               |
| <b>3793-2</b>             | .375 - .500 | —                | 10               |
| <b>3793-3</b>             | .500 - .600 | —                | 10               |
| <b>3793-4</b>             | .600 - .650 | —                | 10               |
| <b>3793-6</b>             | .650 - .700 | —                | 10               |
| <b>3793-5</b>             | .700 - .850 | —                | 10               |

See end of section (Pg B109) for detailed drawings »



## Strain Relief Cord Connectors - Nonmetallic



### Applications

- For use in dry or wet locations to provide a Liquidtight and strain relief termination for flexible cord and cable

### Product Features

- Nylon construction is lightweight and easy to use
- Neoprene grommet
- Resists most common industrial corrosives
- Color-coded gotcha ring provides fast identification of cord size

### Compliance

- Standard 514B
- C22.2 #18

### Color Code

| Dia. Range Inches | Color Code |
|-------------------|------------|
| .062 - .125       | Green      |
| .187 - .250       | Red        |
| .250 - .312       | Black      |
| .312 - .375       | White      |
| .250 - .375       | White      |
| .375 - .437       | Blue       |
| .375 - .500       | Blue       |
| .500 - .625       | Brown      |
| .625 - .750       | Yellow     |
| .750 - .875       | Purple     |
| .875 - 1.000      | Gray       |
| 1.000 - 1.125     | Pink       |



**Straight Connectors**  
Nylon

### Straight Connectors - Nylon

| Catalog #                 | Trade Size    | Unit Carton Qty. | Ship Carton Qty. |
|---------------------------|---------------|------------------|------------------|
| <b>1/4" Hubs - Form 1</b> |               |                  |                  |
| 4699-5                    | .312 - .375   | —                | 25               |
| <b>3/8" Hubs - Form 1</b> |               |                  |                  |
| 4700-6                    | .375 - .437   | 1                | 25               |
| <b>1/2" Hubs - Form 2</b> |               |                  |                  |
| 4702-1                    | .062 - .125   | —                | 25               |
| 4702-3                    | .187 - .250   | —                | 25               |
| 4702-4                    | .250 - .375   | —                | 25               |
| 4702-5                    | .375 - .500   | —                | 25               |
| 4702-6                    | .500 - .625   | —                | 25               |
| <b>3/4" Hubs - Form 3</b> |               |                  |                  |
| 4703-1                    | .375 - .500   | —                | 15               |
| 4703-2                    | .500 - .625   | —                | 15               |
| 4703-3                    | .625 - .750   | —                | 15               |
| 4703-4                    | .750 - .875   | —                | 15               |
| <b>1" Hubs - Form 4</b>   |               |                  |                  |
| 4704-3                    | .625 - .750   | —                | 10               |
| 4704-6                    | 1.000 - 1.125 | —                | 10               |

See end of section (Pg B109) for detailed drawings »

## Straight Strain Relief Cord Connectors - Aluminum



### Applications

- For use in dry or wet locations to provide a Liquidtight and strain relief termination for flexible cord and cable

### Product Features

- Aluminum construction provides a corrosion resistant installation
- Unique gotcha ring incorporates a split hinge design to prevent friction and to provide strain relief
- Neoprene grommet
- Knurled compression nut allows the fittings to be hand tightened to UL requirements
- Gotcha ring is color-coded for sizing identification

### Compliance

- Standard 514B
- C22.2 #18



Straight Connectors

### Straight Connectors - Aluminum

| Catalog #                 | Cable Range Inches | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------------------|--------------------|------------------|------------------|----------|
| <b>1/2" Hubs - Form 1</b> |                    |                  |                  |          |
| 4801-2                    | .187 - .250        | —                | 25               | —        |
| 4801-3                    | .250 - .312        | —                | 25               | —        |
| 4801-4                    | .312 - .375        | —                | 25               | —        |
| 4801-5                    | .375 - .437        | —                | 25               | —        |
| <b>1/2" Hubs - Form 2</b> |                    |                  |                  |          |
| 4801-0                    | .062 - .125        | —                | 25               | —        |
| 4802-4                    | .375 - .500        | —                | 25               | —        |
| 4802-5                    | .500 - .625        | —                | 25               | —        |
| <b>1/2" Hubs - Form 3</b> |                    |                  |                  |          |
| 4802-8                    | .625 - .750        | —                | 15               | —        |
| 4802-9                    | .750 - .875        | —                | 15               | —        |
| <b>3/4" Hubs - Form 2</b> |                    |                  |                  |          |
| 4803-2                    | .187 - .250        | —                | 25               | —        |
| 4803-4                    | .375 - .500        | —                | 25               | —        |
| 4803-5                    | .500 - .625        | —                | 25               | —        |
| <b>3/4" Hubs - Form 3</b> |                    |                  |                  |          |
| 4803-8                    | .625 - .750        | —                | 15               | —        |
| 4803-9                    | .750 - .875        | —                | 15               | —        |
| <b>1" Hubs - Form 4</b>   |                    |                  |                  |          |
| 4804-0                    | .375 - .500        | —                | 10               | —        |
| 4804-2                    | .625 - .750        | —                | 10               | —        |
| 4804-3                    | .750 - .875        | —                | 10               | —        |
| 4804-4                    | .875 - 1.000       | —                | 10               | —        |
| 4804-5                    | 1.000 - 1.250      | —                | 10               | —        |

### Color Code

| Dia. Range Inches | Color Code |
|-------------------|------------|
| .062 - .125       | Green      |
| .125 - .187       | Orange     |
| .187 - .250       | Red        |
| .250 - .312       | Black      |
| .312 - .375       | White      |
| .250 - .375       | White      |
| .375 - .437       | Blue       |
| .375 - .500       | Blue       |
| .500 - .625       | Brown      |
| .625 - .750       | Yellow     |
| .750 - .875       | Purple     |
| .875 - 1.000      | Gray       |
| 1.000 - 1.125     | Pink       |

See end of section (Pg B109) for detailed drawings »

**Strain Relief Cord Connectors - Nonmetallic****Applications**

- For use in dry locations to bond flexible metal conduit to a box or enclosure

**Product Features**

- All malleable construction ensures mechanical protection for the raceway
- Zinc-electroplated for added corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for an attractive presentation

**Compliance**

- UL File E195969

**Straight Squeeze Connectors  
Insulated****Straight Squeeze Connectors  
Uninsulated****Straight Squeeze Connectors**

| Catalog #                           | Trade size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-------------------------------------|------------|------------------|------------------|----------|
| <b>Insulated - Malleable Iron</b>   |            |                  |                  |          |
| 3301                                | 3/8"       | —                | 50               | —        |
| 3302                                | 1/2"       | —                | 50               | —        |
| 3302-8                              | 1/2"       | 1                | 25               |          |
| 3303                                | 3/4"       | —                | 25               | —        |
| 3304                                | 1"         | —                | 25               | —        |
| 3305                                | 1-1/4"     | —                | 25               | —        |
| 3306                                | 1-1/2"     | —                | 25               | —        |
| 3308                                | 2"         | —                | 10               | —        |
| 3310                                | 2-1/2"     | —                | 1                | —        |
| 3312                                | 3"         | —                | 1                | —        |
| 3314                                | 3-1/2"     | —                | 1                | —        |
| 3316                                | 4"         | —                | 1                | —        |
| <b>Uninsulated - Malleable Iron</b> |            |                  |                  |          |
| 2101                                | 3/8"       | —                | 50               | —        |
| 2102                                | 1/2"       | —                | 50               | —        |
| 2102-8                              | 1/2"       | 1                | 25               |          |
| 2103                                | 3/4"       | —                | 25               | —        |
| 2103-8                              | 3/4"       | 1                | 20               |          |
| 2104                                | 1"         | —                | 25               | —        |
| 2104-8                              | 1"         | 1                | 5                |          |
| 2105                                | 1-1/4"     | —                | 25               | —        |
| 2106                                | 1-1/2"     | —                | 25               | —        |
| 2108                                | 2"         | —                | 10               | —        |
| 2110                                | 2-1/2"     | —                | 5                | —        |
| 2112                                | 3"         | —                | 5                | —        |
| 2114                                | 3-1/2"     | —                | 1                | —        |
| 2116                                | 4"         | —                | 1                | —        |

Notes: \* For 1/2" knockout.

See end of section (Pg B112) for detailed drawings »

## Double Bite Saddle Connectors - Malleable Iron/Steel



### Applications

- Use 3/8" - 1" RACO® Double Bite Saddle Connectors in dry locations to connect flexible metal conduit, MCI, MCI-A and AC cable to a box or enclosure
- Use 1-1/4" to 4" in dry locations to connect flexible metal conduit to a box or enclosure



Insulated Straight Connectors



90° Insulated Connectors

### Product Features

- Straight connectors have all steel construction that ensures mechanical protection for raceways
- Straight connectors available in 3/8" to 4" trade sizes
- 90° connectors have malleable iron and steel construction for added strength
- 90° connectors available in 3/8" to 1" trade sizes
- Dual saddle clamp ensures proper conduit and cable connection for raceway
- Zinc-electroplated for corrosion resistant installation
- Tri-head screw/clamp design - connectors can be installed by using a slotted, Phillips or Robertson head screwdriver
- Insulated throats on all double bite connectors provide maximum wire protection

### Compliance

- Standard 514B  
UL Listed E195966
- NEMA FB-1

### Double Bite Saddle Connectors

| Catalog #               | Uninsulated Catalog # | Trade size | Unit Carton Qty. | Ship Carton Qty. |
|-------------------------|-----------------------|------------|------------------|------------------|
| <b>Straight - Steel</b> |                       |            |                  |                  |
| 3301DB                  | 2101DB                | 3/8"       | —                | 50               |
| 3302DB                  | —                     | 1/2"       | —                | 25               |
| 3303DB                  | —                     | 3/4"       | —                | 10               |
| 3304DB                  | —                     | 1"         | —                | 5                |
| 3305DB                  | —                     | 1-1/4"     | —                | 5                |
| 3306DB                  | —                     | 1-1/2"     | —                | 5                |
| 3308DB                  | —                     | 2"         | —                | 1                |
| 3310DB                  | —                     | 2-1/2"     | —                | 1                |
| 3312DB                  | —                     | 3"         | —                | 1                |
| 3314DB                  | —                     | 3-1/2"     | —                | 1                |
| 3316DB                  | —                     | 4"         | —                | 1                |

### 90° - Steel/Malleable Iron

|        |   |      |   |    |
|--------|---|------|---|----|
| 3201DB | — | 3/8" | — | 50 |
| 3202DB | — | 1/2" | — | 25 |
| 3203DB | — | 3/4" | — | 10 |
| 3204DB | — | 1"   | — | 5  |

| Cable Range |        | Trade Size |
|-------------|--------|------------|
| Max         | Min    |            |
| 1.610"      | 1.150" | 1-1/4"     |
| 1.950"      | 1.490" | 1-1/2"     |
| 2.450"      | 1.765" | 2"         |
| 3.060"      | 2.270" | 2-1/2"     |
| 3.560"      | 2.725" | 3"         |
| 4.060"      | 3.410" | 3-1/2"     |
| 4.560"      | 3.860" | 4"         |

See end of section (Pg B113) for detailed drawings »



## 90° Squeeze Connectors - Malleable Iron



### Applications

- For use in dry locations to bond flexible metal conduit to a box or enclosure

### Product Features

- All malleable construction ensures mechanical protection for the raceway
- Zinc-electroplated for added corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for an attractive presentation

### Compliance

- UL File E195969 (excludes 3201)



90° Squeeze Connectors  
Insulated



90° Squeeze Connectors  
Uninsulated

### 90° Squeeze Connector, Insulated and Uninsulated - Malleable Iron

| Insulated Catalog # | Uninsulated Catalog # | Trade size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------------|-----------------------|------------|------------------|------------------|----------|
| 3201                | 2201                  | 3/8"       | —                | 50               | —        |
| 3202                | —                     | 1/2"       | —                | 25               | —        |
| —                   | 2202                  | 1/2"       | 25               | 100              | —        |
| 3202-8              | 2202-8                | 1/2"       | 1                | 25               |          |
| 3203                | 2203                  | 3/4"       | —                | 25               | —        |
| 3203-8              | 2203-8                | 3/4"       | 1                | 20               |          |
| 3204                | 2204                  | 1"         | —                | 25               | —        |
| 3206                | 2206                  | 1-1/2"     | —                | 5                | —        |
| 3208                | 2208                  | 2"         | —                | 5                | —        |
| 3210                | 2210                  | 2-1/2"     | —                | 1                | —        |
| 3212                | 2212                  | 3"         | —                | 1                | —        |
| 3214                | 2214                  | 3-1/2"     | —                | 1                | —        |
| 3216                | 2216                  | 4"         | —                | 1                | —        |

Notes: \* Trade size knockout.

See end of section (Pg B113) for detailed drawings »



## Straight Squeeze Connectors - Die-Cast Zinc

### Applications

- For use in dry locations to bond flexible metal conduit to a box or enclosure

### Product Features

- Rugged metallic construction ensures mechanical protection for the raceway



**Straight Squeeze Uninsulated**

### Compliance

- Standard 514B  
UL Listed E195966
- C22.2 #18 (2191 - 2198)

#### Straight Squeeze Connector, Uninsulated – Die-Cast Zinc

| Catalog #      | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|----------------|------------|------------------|------------------|
| <b>2191</b>    | 3/8"*      | 50               | 500              |
| <b>2192</b>    | 1/2"       | 25               | 250              |
| <b>2193</b>    | 3/4"       | 25               | 250              |
| <b>2194</b>    | 1"         | 10               | 100              |
| <b>2195RAC</b> | 1-1/4"     | 10               | 100              |
| <b>2196RAC</b> | 1-1/2"     | 5                | 50               |
| <b>2198</b>    | 2"         | 10               | 40               |

Notes: \* Trade size knockout.

## 45° And 90° Squeeze Connectors - Die-Cast Zinc

### Applications

- For use in dry locations to bond flexible metal conduit to a box or enclosure

### Product Features

- Rugged metallic construction ensures mechanical protection for the raceway



**45° Squeeze Connectors  
Uninsulated**



**90° Squeeze Connectors  
Uninsulated**

### Compliance

- Standard 514B  
(2691 - 2698)  
UL File E195969
- C22.2 #18 (2191 - 2198)
- (2221 - 2222)

#### Squeeze Connector, Uninsulated

| Catalog #                                   | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|---------------------------------------------|------------|------------------|------------------|
| <b>45° – Malleable Iron - Die-Cast Zinc</b> |            |                  |                  |
| <b>2221</b>                                 | 3/8"*      | —                | 25               |
| <b>2222</b>                                 | 1/2"       | —                | 25               |
| <b>90° – Die-Cast Zinc</b>                  |            |                  |                  |
| <b>2691</b>                                 | 3/8"*      | 50               | 500              |
| <b>2692</b>                                 | 1/2"       | 25               | 250              |
| <b>2693</b>                                 | 3/4"       | 10               | 100              |
| <b>2694</b>                                 | 1"         | 5                | 50               |
| <b>2695</b>                                 | 1-1/4"     | 10               | 40               |
| <b>2696</b>                                 | 1-1/2"     | —                | 5                |
| <b>2698</b>                                 | 2"         | —                | 5                |

Notes: \* Trade size knockout.

See end of section (Pg B114) for detailed drawings »



## Screw-In Type Connectors - Die-Cast Zinc



### Applications

- For use in dry locations to bond flexible metal conduit to a box or enclosure

### Product Features

- Rugged metallic construction ensures mechanical protection for the raceway



Uninsulated Screw-In Connectors

### Compliance

- Standard 514B  
UL Listed E195966
- C22.2 #18

#### Connectors - Screw-In - Die-Cast Zinc

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 2281      | 3/8"*      | 50               | 500              |
| 2282      | 1/2"       | 50               | 500              |
| 2283      | 3/4"       | 25               | 250              |

Notes: \* 1/2" Trade size hub.

## Set Screw Connectors - Die-Cast Zinc

### Applications

- For use in dry locations to bond flexible metal conduit to a box or enclosure

### Product Features

- Rugged metallic construction ensures mechanical protection for the raceway



2511  
Set Screw Connector



2632  
Set Screw Connector

### Compliance

- Standard 514B  
UL Listed E195966
- C22.2 #18

#### Set Screw Connector - Die-Cast Zinc

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 2511      | 3/8"*      | 100              | 1000             |
| 2632      | 1/2"       | 25               | 250              |

Notes: \* 1/2" Trade size hub.

See end of section (Pg B115) for detailed drawings »



## Clamp Type Connectors and Duplex Connectors - Die-Cast Zinc

### Applications

- For use in dry locations to bond flexible metal conduit to a box or enclosure

### Product Features

- Rugged metallic construction ensures mechanical protection for the raceway

### Compliance

- Standard 514B  
UL Listed E195966
- C22.2 #18 (2191 - 2198)



Clamp Type Connector



Duplex Connector

### Connectors

| Catalog #                                   | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------------------------------------|------------|------------------|------------------|----------|
| <b>Clamp Type Connector – Die-Cast Zinc</b> |            |                  |                  |          |
| <b>2661</b>                                 | 3/8"*      | 100              | 1000             | —        |
| <b>Duplex Connector – Die-Cast Zinc</b>     |            |                  |                  |          |
| <b>2611</b>                                 | 3/8"*      | 25               | 250              | —        |

Notes: \* 1/2" Trade size hub.

See end of section (Pg B116) for detailed drawings »



## Combination Couplings - Malleable Iron

**Applications**

- For use when coupling flexible metal conduit to Rigid/IMC conduit
- Use RACO® Cat. Nos. 1552 - 1554 when coupling threaded Rigid/IMC conduit to flexible metal conduit

**Flex - Rigid Couplings****Product Features**

- Rugged metallic construction ensures mechanical protection
- Steel/malleable components are zinc-electroplated for added corrosion protection

**Compliance**

- UL File E195969

**Flex to Rigid Couplings – Malleable Iron**

| Catalog #   | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-------------|------------|------------------|------------------|----------|
| <b>1552</b> | 1/2"       | 25               | 100              | —        |
| <b>1553</b> | 3/4"       | —                | 25               | —        |
| <b>1554</b> | 1"         | —                | 25               | —        |

**Flex - EMT Squeeze Couplings****Flex - EMT Application**

- For use when coupling flexible metal conduit to EMT conduit

**Product Features**

- Rugged metallic construction ensures mechanical protection
- Steel/malleable components are zinc-electroplated for added corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for an attractive presentation

**Compliance**

- Standard 514B
- C22.2 #18

**Flex-EMT Squeeze Couplings – Malleable Iron**

| Catalog #     | Flex Size | EMT Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------|-----------|----------|------------------|------------------|----------|
| <b>1941</b>   | 3/8"      | 1/2"     | —                | 25               | —        |
| <b>1942</b>   | 1/2"      | 1/2"     | —                | 25               | —        |
| <b>1942-8</b> | 1/2"      | 1/2"     | 1                | 25               |          |
| <b>1943</b>   | 3/4"      | 3/4"     | —                | 25               | —        |
| <b>1943-8</b> | 3/4"      | 3/4"     | 1                | 20               |          |

See end of section (Pg B116) for detailed drawings »



## Combination Couplings - Die-Cast Zinc



### Applications

- Use when coupling flexible metal conduit to EMT conduit

### Product Features

- Rugged metallic construction ensures mechanical protection

### Compliance

- Standard 514B
- C22.2 #18



Flex - EMT Screw-In/Compression  
Couplings

#### Flex - EMT Couplings, Screw-In/Compression – Die-Cast Zinc

| Catalog # | Flex Size | EMT Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------|-----------|----------|------------------|------------------|----------|
| 1482      | 1/2"      | 1/2"     | 50               | 500              | —        |
| 1483      | 3/4"      | 3/4"     | 25               | 250              | —        |
| 1484      | 1"        | 1"       | 25               | 250              |          |

Notes: \* 1/2" Trade size hub.

## Nail-Up Straps

### Nail-Up Straps Application

- For use in mounting flexible metal conduit, armored cable, and MC cable

### Product Features

- Stamped steel straps are pre-galvanized for added corrosion protection



Nail-Up Straps

#### Nail-Up Straps – Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------|------------|------------------|------------------|----------|
| 2252      | 3/8"*      | 100              | 1000             | —        |
| 2253      | 1/2"***    | 100              | 1000             | —        |
| 2254      | 3/4"****   | 100              | 1000             | —        |

Notes: \* For 3/8" flexible metal conduit. Also suitable for AC and MC cable.

\*\* For 1/2" flexible metal conduit. Also suitable for AC and MC cable.

\*\*\*For 3/4" flexible metal conduit. Also suitable for AC and MC cable.

See end of section (Pg B117) for detailed drawings »



## Uninsulated Connectors - Die-Cast Zinc

**Applications**

- For use in dry locations to bond armored cable to a box or enclosure

**Product Features**

- Rugged metallic construction ensures mechanical protection for the raceway

**Set Screw Connector****Clamp Type Connector****Squeeze Type Connector****Compliance**

- Standard 514B  
UL Listed E195966  
(excludes 2191)
- C22.2 #18

**Connectors**

| Catalog #                                     | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------------------------------------------|------------|------------------|------------------|
| <b>Set Screw Connector – Die-Cast Zinc</b>    |            |                  |                  |
| <b>2511</b> <sup>①</sup>                      | 3/8"       | 100              | 1000             |
| <b>Clamp Type Connector – Die-Cast Zinc</b>   |            |                  |                  |
| <b>2661</b> <sup>①</sup>                      | 3/8"       | 100              | 1000             |
| <b>Squeeze Type Connector – Die-Cast Zinc</b> |            |                  |                  |
| <b>2191</b> <sup>②</sup>                      | 3/8"       | 50               | 500              |
| <b>2192</b>                                   | 1/2"       | 25               | 250              |
| <b>2193</b>                                   | 3/4"       | 25               | 250              |
| <b>2194</b>                                   | 1"         | 10               | 100              |

Notes: <sup>①</sup>For 1/2" knockout. 1/2" Hub size suitable for use with steel armored cable sizes 2#14, 3#14, 2#12, 3#12, 2#10 and 3#10 all with ground wire.

<sup>②</sup>For 1/2" knockout. Suitable for use with steel armored cable and flexible metal conduit.

See end of section (Pg B117) for detailed drawings »



## 90° and Duplex Connectors - Die-Cast Zinc



### Applications

- Use when coupling flexible metal conduit to EMT conduit

### Product Features

- Rugged metallic construction ensures mechanical protection

### Compliance

- Standard 514B  
UL Listed E195969
- C22.2 #18



90° Squeeze Type Connector  
Uninsulated



Duplex Connector

### Connectors

| Catalog #                                                      | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|----------------------------------------------------------------|------------|------------------|------------------|
| <b>90° Squeeze Type Connector, Uninsulated – Die-Cast Zinc</b> |            |                  |                  |
| <b>2691</b>                                                    | 3/8"*      | 50               | 500              |
| <b>2692</b>                                                    | 1/2"       | 25               | 250              |
| <b>2693</b>                                                    | 3/4"       | 10               | 100              |
| <b>Duplex Connector – Die-Cast Zinc</b>                        |            |                  |                  |
| <b>2611</b>                                                    | 3/8"*      | 25               | 250              |

Notes: \* For 1/2" knockout.

See end of section (Pg B118) for detailed drawings »



Strap - Steel

Applications

- For use when mounting MC and AC cables in dry locations

Product Features

- All steel construction ensures mechanical protection
- Zinc-electroplated for corrosion protection



One Hole Strap

One Hole Strap – Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 2081      | 3/8"       | 100              | 1000             |

See end of section (Pg B104) for detailed drawings »



## Push-In Connectors - Steel



### Applications

- Push-in cable connectors make it easy to secure metal-clad cable into boxes or enclosures. Simply insert a cable into the cable opening, then snap the box end of the connector into a box knockout, done!
- No tools needed for a secure assembly
- Can be removed and reused

### Product Features

- Fits standard 1/2" knockouts in electrical boxes or enclosures
- Both connectors designed to terminate MC-PCS, MCI, MCI-A, AC, HCF, and FMC
- 40RAC tinted blue inside to indicate larger cable range
- Die-cast zinc construction with nylon anti-short bushing
- For use in dry locations

### Compliance

- 



38RAC



40RAC

### Push-in Cable Connectors - Steel and Nylon (Bushing)

| Catalog # | Trade Size | Cable Size        | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|-------------------|------------------|------------------|
| 38RAC     | 3/8"       | Push-in Connector | 50               | 500              |
| 40RAC     | 3/8"       | Push-in Connector | 50               | 500              |

| 38RAC                         |                                                     |
|-------------------------------|-----------------------------------------------------|
| Cable Type (Steel & Aluminum) | Cable Ranges                                        |
| MC                            | 14/2 - 10/3                                         |
| MCI-A                         |                                                     |
| AC/HCF                        |                                                     |
| MCI-A HCF                     | 12/2 - 10/3                                         |
| MC-PCS (SOLID)                | 12/2 - 12/3                                         |
| RWFMC CONDUIT                 | 3/8" Trade Size Flex<br>Anti Short Bushing Required |

Cable Diameter Range : 0.402" - 0.610"

| 40RAC                         |                                                     |
|-------------------------------|-----------------------------------------------------|
| Cable Type (Steel & Aluminum) | Cable Ranges                                        |
| MC                            | 14/2 - 10/3                                         |
| MCI-A                         |                                                     |
| AC                            |                                                     |
| AC/HCF                        | 14/2 - 10/3                                         |
| MCI-A HCF                     | 12/2 - 10/3                                         |
| MC-PCS (SOLID)                | 12/2 - 12/3                                         |
| RWFMC CONDUIT                 | 3/8" Trade Size Flex<br>Anti Short Bushing Required |

Cable Diameter Range : 0.470" - 0.610"

See end of section (Pg B119) for detailed drawings »



## Push-In Connectors - Steel

### Applications

- RACO's Double Barrel Push-in cable connectors make it easy to secure up to two metal-clad cables into boxes or enclosures, per fitting. Simply insert a cable into the cable opening, then snap the box end of the connector into a box knockout, done! No tools needed for a secure assembly. Double Barrel Push-in connectors are perfect for new or old work and can be removed and reused.

### Product Features

- Fits standard 1/2" knockouts in electrical boxes or enclosures
- Both connectors designed to terminate MC, MCI-A, AC, AC/HFC, MCI-A HFC, MC-PCS, RWFCMC
- 4040RAC tinted gold inside to indicate larger cable range
- Die-cast zinc construction with nylon anti-short bushing
- For use in dry locations only
- See back for cable size ranges

**3838RAC****4040RAC**

### One Hole Strap – Steel

| Catalog #      | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|----------------|------------|------------------|------------------|----------|
| <b>3838RAC</b> | 3/8"       | 25               | 100              |          |
| <b>4040RAC</b> | 3/8"       | 25               | 100              |          |

| 3838RAC        | Cable Type (Steel & Aluminum) | Cable Ranges                                     | Cable Dimensions  |                   |
|----------------|-------------------------------|--------------------------------------------------|-------------------|-------------------|
|                |                               |                                                  | Steel             | Aluminum          |
| MC             |                               | 14/2 - 10-3                                      | 0.460 - 0.611 in. | 0.402 - 0.570 in. |
| MCI-A          |                               |                                                  |                   |                   |
| AC/HCF         |                               |                                                  |                   |                   |
| MCI-A HCF      |                               | 12/2 - 10-3                                      | 0.460 - 0.611 in. | 0.402 - 0.570 in. |
| MC-PCS (SOLID) |                               | 12/2 - 12-3                                      |                   |                   |
| RWFCMC CONDUIT |                               | 3/8" Trade Size Flex Anti Short Bushing Required |                   |                   |

| 4040RAC        | Cable Type (Steel & Aluminum) | Cable Ranges                                     | Cable Dimensions  |                   |
|----------------|-------------------------------|--------------------------------------------------|-------------------|-------------------|
|                |                               |                                                  | Steel             | Aluminum          |
| MC             |                               | 14/2 - 10-3                                      | 0.460 - 0.611 in. | 0.402 - 0.570 in. |
| MCI-A          |                               |                                                  |                   |                   |
| AC             |                               |                                                  |                   |                   |
| AC/HCF         |                               | 14/2 - 10-3                                      |                   |                   |
| MCI-A HCF      |                               | 12/2 - 10-3                                      | 0.460 - 0.611 in. | 0.402 - 0.570 in. |
| MC-PCS (SOLID) |                               | 12/2 - 12-3                                      |                   |                   |
| RWFCMC CONDUIT |                               | 3/8" Trade Size Flex Anti Short Bushing Required |                   |                   |

See end of section (Pg B119) for detailed drawings »



## Connectors - Screw Type Steel



### Applications

- For use in dry locations to connect MCI, MCI-A (2800 only), AC, and HCF cable into a box or enclosure

### Product Features

- Easy to install - just tilt, insert and snap down
- Tri-head screw/clamp design - connector can be installed by using a slotted, Phillips or Robertson head screwdriver
- Integral insuliner provides maximum wire protection
- Durable all steel construction
- Zinc-electroplated for corrosion protection

### Compliance

- Listed  
UL Listed E195966



2801

### Cable Connector - Steel

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------|------------|------------------|------------------|----------|
| 2800      | 1/2"       | 50               | 500              | —        |
| 2801      | 3/4"       | 25               | 250              | —        |

| Selection Chart |                                                |                           |
|-----------------|------------------------------------------------|---------------------------|
| Cable Type      | 2800 - 1/2" KO                                 | 2801 - 3/4" KO            |
| AC Steel        | 14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, 10-3 | 10-4, 10-5, 8-3, 8-4, 6-3 |
| HCF Steel       | 14-2, 14-3, 12-2, 12-3, 10-2                   | —                         |
| AC Aluminum     | 14-2, 14-3, 14-4, 12-2, 12-3, 12-4             | 10-4, 8-3, 8-4            |
| MCI Steel       | 14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2       | 10-3, 10-4, 8-2, 8-3      |
| MCI Aluminum    | 14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2       | 10-3, 10-4, 8-2           |
| MC Aluminum     | 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, 10-3       | —                         |
| MCI-A Aluminum  | 12-8, 10-3, 10-4, 10-6                         | —                         |

See end of section (Pg B119) for detailed drawings »



## Clamp Type and Duplex Connectors - Die-Cast Zinc

**Applications**

- For use in dry locations to connect MC/MCI cable to a box or enclosure

**Product Features**

- Rugged metallic construction ensures mechanical protection for the raceway

**Compliance**

- Standard 514B  
UL Listed E195969
- C22.2 #18



Clamp Type Connector



Duplex Connector

**Connector**

| Catalog #                                         | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|---------------------------------------------------|------------|------------------|------------------|
| <b>Clamp Type Cable Connector – Die-Cast Zinc</b> |            |                  |                  |
| <b>2661</b>                                       | 3/8"       | 100              | 1000             |
| <b>Duplex Cable Connector – Die-Cast Zinc</b>     |            |                  |                  |
| <b>2611</b>                                       | 3/8"       | 25               | 250              |

Notes: \* For 1/2" knockout.

**1/2" HUB SIZE FOR MC CABLE - SELECTION CHART**

| CLAMP TYPE - Part No. 2661    | DIAMETER      |
|-------------------------------|---------------|
| Regular Aluminum Corrugated   | .277" - .375" |
| Aluminum Corrugated           | .365" - .510" |
| Aluminum Smooth               | .345" - .525" |
| Aluminum Interlocked          | .455" - .575" |
| Steel Interlocked             | .435" - .547" |
| <b>DUPLEX - Part No. 2611</b> |               |
| Aluminum Smooth               | .410" - .500" |
| Aluminum Interlocked          | .460" - .538" |
| Steel Interlocked             | .438" - .560" |

See end of section (Pg B118) for detailed drawings »

## Double Bite Saddle Connectors - Malleable Iron/Steel



### Applications

- Use 3/8" - 1" RACO® double bite saddle connectors in dry locations to connect flexible metal conduit, MCI, MCI-A and AC cable to a box or enclosure
- Use 1-1/4" to 4" in dry locations to connect flexible metal conduit to a box or enclosure

### Product Features

- Straight connectors have all steel construction that ensures mechanical protection for raceways
- Straight connectors available in 3/8" to 4" trade sizes
- 90° connectors have malleable iron and steel construction for added strength
- 90° connectors available in 3/8" to 1" trade sizes
- Dual saddle clamp ensures proper conduit and cable connection for raceway
- Zinc-electroplated for corrosion resistant installation
- Tri-head screw/clamp design - connectors can be installed by using a slotted, Phillips or Robertson head screwdriver
- Insulated throats on all double bite connectors provide maximum wire protection

### Compliance

- Standard 514B  
UL Listed E195966
- NEMA FB-1

Straight  
Connectors  
Insulated



90° Connectors  
Insulated



### DOUBLE BITE Saddle Connectors

| INSULATED<br>Catalog # | UNINSULATED<br>CATALOG # | Trade Size | Unit Carton<br>Qty. | Ship Carton<br>Qty. |
|------------------------|--------------------------|------------|---------------------|---------------------|
|------------------------|--------------------------|------------|---------------------|---------------------|

#### Straight - Steel

|        |        |        |   |    |
|--------|--------|--------|---|----|
| 3301DB | 2101DB | 3/8"   | — | 50 |
| 3302DB | —      | 1/2"   | — | 25 |
| 3303DB | —      | 3/4"   | — | 10 |
| 3304DB | —      | 1"     | — | 5  |
| 3305DB | —      | 1-1/4" | — | 5  |
| 3306DB | —      | 1-1/2" | — | 5  |
| 3308DB | —      | 2"     | — | 1  |
| 3310DB | —      | 2-1/2" | — | 1  |
| 3312DB | —      | 3"     | — | 1  |
| 3314DB | —      | 3-1/2" | — | 1  |
| 3316DB | —      | 4"     | — | 1  |

#### 90° - Steel/Malleable Iron

|        |   |      |   |    |
|--------|---|------|---|----|
| 3201DB | — | 3/8" | — | 50 |
| 3202DB | — | 1/2" | — | 25 |
| 3203DB | — | 3/4" | — | 10 |
| 3204DB | — | 1"   | — | 5  |

| ARMORED CABLES                                                     |                                                        |                                                                                       | METAL<br>CLAD<br>CABLES                                                                         | MCI-A<br>CABLES                                              | FEFMC                                                                                                 |
|--------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| STEEL & ALUMINUM                                                   |                                                        |                                                                                       | STEEL &<br>ALUMINUM                                                                             |                                                              |                                                                                                       |
| 2101DB<br>3201DB<br>3301DB                                         | 3/8"<br>3/8"                                           | 14-2, 14-3, 14-4, 12-2, 12-3,<br>12-4, 10-2, .450-.660                                | 14-2, 14-3,<br>14-4, 12-2,<br>12-3,<br>12-4, 10-2,<br>.450-.660                                 | 12-2, 12-3, 12-4,<br>12-6,<br>12-8, 10-3, 10-4,<br>.400-.590 |                                                                                                       |
| 3202DB<br>3302DB                                                   | 1/2"<br>1/2"                                           | 12-4, 10-2, 10-3, 10-4, 8-2,<br>8-3, 8-4, 6-2, 6-3, .550-.920                         | 10-2, 10-3,<br>10-4, 8-2, 8-3,<br>.640-.920                                                     | 12-6, 12-8<br>.520-.620                                      |                                                                                                       |
| 3203DB<br>3303DB                                                   | 3/4"<br>3/4"                                           | AL: 8-3, 8-4, 6-2, 6-3, 6-4,<br>4-2, 4-3, .680-1.075<br>ST: 6-4, 4-2, 4-3, .930-1.075 | AL: 6-4, 4-3,<br>3-3, .930-1.075<br>ST: 8-3, 8-4,<br>6-2, 6-3, 6-4,<br>4-3, 3-3, .730-<br>1.075 |                                                              |                                                                                                       |
| 3204DB<br>3304DB                                                   | 1"<br>1"                                               | 6-4, 4-3, 4-4, 3-2, 3-3, 2-3,<br>2-4, 1-3, 1-4, .930-1.468                            | 6-4, 4-3, 4-4,<br>3-3, 3-4,<br>.960-1.468                                                       |                                                              |                                                                                                       |
| 3305DB<br>3306DB<br>3308DB<br>3310DB<br>3312DB<br>3314DB<br>3316DB | 1-1/4"<br>1-1/2"<br>2"<br>2-1/2"<br>3"<br>3-1/2"<br>4" |                                                                                       |                                                                                                 |                                                              | 1.150-1.610<br>1.490-1.950<br>1.765-2.450<br>2.270-3.060<br>2.725-3.560<br>3.410-4.060<br>3.860-4.560 |

See end of section (Pg B120) for detailed drawings »



## The Insider® Connector - Thermoplastic



### Applications

- Use THE INSIDER® in dry locations to connect one or two runs of Nonmetallic Sheathed Cable (NMSC) to a box

### Product Features

- Installs from inside the box - The unique design allows the installer to run the NMSC through the knockout to the desired length before snapping the connector into the knockout. No need to cut an oversized hole for an old work box and connector installation
- The only NMSC connector that is UL tested for use with an eccentric knockout
- Accepts single and dual runs of NMSC and accommodates one of the widest ranges of NMSC combinations in the industry. No need to stock any other connector
- Snap-in locking tab design secures THE INSIDER® into the removed 1/2" knockout securely
- One-piece nonmetallic construction - made of tough engineered thermoplastic and can be used in exposed and concealed ceilings and walls. Resists corrosion and offers insulation protection
- Can be easily removed by pushing one of the locking wing tabs with a screwdriver

### Compliance

-  Listed  
UL Listed E195971

US Patent 7,211,744



4714  
THE INSIDER®

### Nonmetallic Sheathed Cable Connector – Thermoplastic

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 4714      | 1/2"       | 100              | 1000             |

| The Insider®      |
|-------------------|
| Wire Sizes        |
| Single Cable      |
| 14-2 /withGround  |
| 14-3 /with Ground |
| 12-2 /with Ground |
| 12-3 /with Ground |
| 10-2 /with Ground |
| 10-3 /with Ground |

| The Insider®                                |
|---------------------------------------------|
| Conductors Per Connector                    |
| Two Cable Combinations                      |
| (2) 14-2 with Ground                        |
| (1) 14-2 with Ground & (1) 12-2 with Ground |
| (1) 14-2 with Ground & (1) 10-2 with Ground |



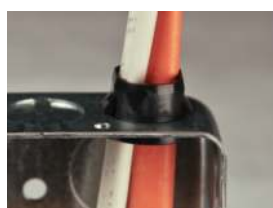
**Step 1:** Easy Installation - Remove desired knockout. Insert THE INSIDER into the knockout from inside the box.



**Step 2:** Done - Ready for cable.



**Easy Removal** - Push the wing tab of the connector with a screwdriver. Push the connector through the knockout towards the inside of the box.



**Large Cable** - For two cable installations insert the cables through the connector together or one by one. Ideal for circuit breaker panel use.

See end of section (Pg B121) for detailed drawings »

# COMMERCIAL FITTINGS Nonmetallic Sheathed Cable Connectors



## Clamp Type - Die-Cast Zinc



### Applications

- For use in dry locations to connect Nonmetallic Sheathed Cable (NMSC) to a box or enclosure

### Product Features

- Rugged metallic construction will last the lifetime of the installation

### Compliance

- Standard 514B  
UL Listed E195972,  
\*E195971 (2711)
- C22.2 #18



2661



2711

Clamp Type Connectors

### Clamp Type Cable Connector – Die-Cast Zinc

| Catalog # | Trade Size | Cable Size                                                                                                                                                                                                                                                                                                  | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|
| 2711*     | 3/8"       | (1) 14-2 through 12-2<br>14/2 NM (3 Cable)<br>14/3 NM (1 Cable)<br>12/3 NM (1 Cable)<br>12/3 NM (2 Cable)<br>12/2 NM (2 Cable)<br>10/2 NM (1 Cable)<br>10/2 NM (2 Cable)<br>10/3 NM (1 Cable)<br>(2) 14-2                                                                                                   | 100              | 1000             |
| 2863      | 3/4"       | 10-3 through 8-2<br>14/3 NM (1 Cable)<br>14/3 NM (2 Cable)<br>12/3 NM (1 Cable)<br>10/3 NM (1 Cable)<br>10/3 NM (2 Cable)<br>8/3 NM (1 Cable)<br>6/2 NM (1 Cable)<br>6/3 NM (1 Cable)<br>4/2 NM (1 Cable)                                                                                                   | 50               | 500              |
| 2864      | 1"         | 10-3 through 4-3<br>12/3 NM (1 Cable)<br>10/3 NM (1 Cable)<br>10/3 NM (2 Cable)<br>8/2 NM (1 Cable)<br>8/2 NM (2 Cable)<br>8/2 NM (3 Cable)<br>8/3 NM (1 Cable)<br>8/3 NM (2 Cable)<br>6/2 NM (1 Cable)<br>6/2 NM (2 Cable)<br>6/2 NM (3 Cable)<br>6/3 NM (1 Cable)<br>4/2 NM (1 Cable)<br>4/3 NM (1 Cable) | 25               | 250              |
| 2661      | 3/8"**     | See Chart Below                                                                                                                                                                                                                                                                                             | 100              | 1000             |

Notes: \* For 1/2" knockout.

### 1/2" HUB SIZE FOR MC CABLE - SELECTION CHART

| CLAMP TYPE - Part No. 2661  | DIAMETER      |
|-----------------------------|---------------|
| Regular Aluminum Corrugated | .277" - .375" |
| Aluminum Corrugated         | .365" - .510" |
| Aluminum Smooth             | .345" - .525" |
| Aluminum Interlocked        | .455" - .575" |
| Steel Interlocked           | .435" - .547" |

See end of section (Pg B121) for detailed drawings »



## Connectors - Screw Type Steel



### Applications

- Use to bring overhead electrical service into buildings

### Product Features

- Lightweight aluminum body construction eases installation and provides corrosion resistance
- Plastic insulator snaps out easily for quick cable insertion



Clamp Type for Rigid/IMC or EMT



Clamp Type for SEU Cable

### Compliance

-  Standard 514B  
UL Listed E195972,  
E195973

#### Entrance Heads, Clamp Type for SEU Cable - Aluminum

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------|------------|------------------|------------------|----------|
| 2402      | 1/2"       | —                | 10               |          |
| 2403      | 3/4"       | —                | 10               |          |
| 2404      | 1"         | —                | 5                |          |
| 2405      | 1-1/4"     | —                | 10               |          |
| 2406      | 1-1/2"     | —                | 5                |          |
| 2408      | 2"         | —                | 5                |          |
| 2410      | 2-1/2"     | —                | 1                |          |
| 2412      | 3"         | —                | 1                |          |
| 2414      | 3-1/2"     | —                | 1                |          |
| 2416      | 4"         | —                | 1                |          |

#### Entrance Heads, Clamp Type for SEU Cable - Aluminum

| Catalog # | Trade Size                                     | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|-----------|------------------------------------------------|------------------|------------------|----------|
| 2430      | 3-#8 through 3-#1<br>1-#6 through 1-#3         | —                | 10               | —        |
| 2440      | 3-#3/0 through 3-#4/0<br>1-#1/0 through 1-#2/0 | —                | 10               | —        |

See end of section (Pg B122) for detailed drawings »



## Underground Feeder (UF) Connectors - Aluminum/Nylon/Steel



### Applications

- For use with underground feeder (UF) cable to provide a Liquidtight connection to meters and enclosures

### Product Features

- Rugged metallic construction will last the life of the installation
- Use a nylon connector when a lightweight corrosion resistant connection is required

### Compliance

- Standard 514B
- C22.2 #18



Aluminum



Nylon



Steel

### UF Connectors, Liquid Tight

| Catalog #       | Trade Size | Grommet Opening                      | UF* Wire Size       | Unit Carton Qty. | Ship Carton Qty. |
|-----------------|------------|--------------------------------------|---------------------|------------------|------------------|
| <b>Aluminum</b> |            |                                      |                     |                  |                  |
| <b>4899-9</b>   | 1/2"       | Min. .20" x .40"<br>Max. .25" x .55" | 2#14, 2#12,<br>2#10 | —                | 10               |
| <b>Nylon</b>    |            |                                      |                     |                  |                  |
| <b>4799-1</b>   | 1/2"       | Min. .20" x .40"<br>Max. .25" x .55" | 2#14, 2#12,<br>2#10 | —                | 25               |
| <b>4799-3</b>   | 3/4"       | Min. .20" x .60"<br>Max. .26" x .78" | 3#14, 3#12,<br>3#10 | —                | 15               |
| <b>Steel</b>    |            |                                      |                     |                  |                  |
| <b>2462</b>     | 1/2"       | Min. .255"<br>Max. .425"             | 2#14, 2#12          | 25               | 100              |

Notes: \* Wire sizes may vary among manufacturers.

See end of section (Pg B123) for detailed drawings »



Service Entrance Cable Connectors - Die-Cast Zinc



**Applications**

- For use with service entrance cable to provide a Liquidtight connection to meters and enclosures

**Product Features**

- Rugged metallic construction will last the life of the installation

**Compliance**

-  Standard 514B  
UL Listed E195972



Connectors - Liquid Tight

**Service Entrance Cable Connectors, Liquid Tight – Die-Cast Zinc**

| Catalog # | Trade Size | Grommet Opening | UF* Wire Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|-----------------|---------------|------------------|------------------|
| 2475      | 1-1/4"     | .57" x .85"     | 3#2           | —                | 10               |
| 2485      | 1-1/4"     | .51" x .85"     | 3#3           | —                | 10               |
| 2486      | 1-1/2"     | .74" x 1.23"    | 3#2/0         | —                | 10               |
| 2498      | 2"         | .83" x 1.41"    | 3#3/0         | —                | 10               |
| 2468      | 2"         | .89" x 1.54"    | 3#4/0         | —                | 10               |

Notes: \* Wire sizes may vary among manufacturers.

See end of section (Pg B123) for detailed drawings »



## Non-Watertight Connectors - Die-Cast Zinc



### Applications

- For use with underground feeder (UF) cable to provide a non-watertight connection to meters and enclosures

### Product Features

- Rugged metallic construction will last the life of the installation

### Compliance

- Standard 514B  
UL Listed E195972,  
E195971



Connectors for Oval Cable



Connectors for Oval or Round

### Connectors

| Catalog #                                      | Trade Size | Nominal Cable Size | Unit Carton Qty. | Ship Carton Qty. |
|------------------------------------------------|------------|--------------------|------------------|------------------|
| <b>For Oval Cable – Die-Cast Zinc</b>          |            |                    |                  |                  |
| 2853                                           | 3/4"       | 3#8, 3#6           | —                | 25               |
| 2854                                           | 1"         | 3#6, 3#4           | —                | 25               |
| 2855                                           | 1-1/4"     | 3#6, 3#2           | —                | 10               |
| 2856                                           | 1-1/2"     | 3#1/0, 3#2/0, 3#1  | —                | 10               |
| 2858                                           | 2"         | 3#3/0, 3#4/0       | —                | 10               |
| <b>For Oval or Round Cable – Die-Cast Zinc</b> |            |                    |                  |                  |
| 2863                                           | 3/4"       | 3#10, 3#6, 2#6     | 50               | 500              |
| 2864                                           | 1"         | 3#6, 3#4           | 25               | 250              |

See end of section (Pg B123) for detailed drawings »



## Straps - Steel

### Applications

- For use in mounting service entrance cable

### Product Features

- All steel construction provides durable installation
- Zinc-electroplated for added corrosion protection



One Hole Cable Strap

### Straps – Steel

| Catalog # | Nominal Cable Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|--------------------|------------------|------------------|
| 2441      | 3#8, 3#6           | —                | 100              |
| 2442      | 3#4, 3#3, 3#2      | —                | 100              |
| 2443      | 3#1, 3#1/0, 3#2/0  | —                | 50               |
| 2444      | 3#3/0, 3#4/0       | —                | 50               |

See end of section (Pg B123) for detailed drawings »



## Ground Clamps - Bronze Alloy



### Applications

- For use with grounding wire or conduit to water pipes or ground rods

### Product Features

- Bronze cast construction assures ground path continuity and provides corrosion resistance

### Compliance

- Standard 514B  
UL Listed E195975



For Bare Ground Wires



For Direct Burial in  
Earth or Concrete



For Bare Armored  
Ground Wires

### Ground Clamps

| Catalog #                                                    | Pipe Size   | Grounding Conductor Size | Unit Carton Qty. | Ship Carton Qty. |
|--------------------------------------------------------------|-------------|--------------------------|------------------|------------------|
| <b>For Bare Ground Wires – Bronze Alloy</b>                  |             |                          |                  |                  |
| 2504                                                         | 1/2" - 1"   | No. 2 Str. / No. 10 Sol. | —                | 25               |
| 2505                                                         | 1-1/4" - 2" | No. 2 Str. / No. 10 Sol. | —                | 25               |
| <b>For Direct Burial in Earth or Concrete – Bronze Alloy</b> |             |                          |                  |                  |
| 2506                                                         | 1/2" - 1"   | No. 2 Str. / No. 10 Sol. | —                | 25               |
| <b>For Bare Armored Ground Wires – Bronze Alloy</b>          |             |                          |                  |                  |
| 2507                                                         | 1/2" - 1"   | No. 6 Str. / No. 10 Sol. | —                | 25               |
| 2508                                                         | 1-1/4" - 2" | No. 6 Str. / No. 10 Sol. | —                | 25               |



For 1/2" and 3/4" Rigid Conduit

### Ground Clamps

| Catalog #                                    | Pipe Size   | Grounding Conductor Size   | Unit Carton Qty. | Ship Carton Qty. |
|----------------------------------------------|-------------|----------------------------|------------------|------------------|
| <b>For 1/2" Rigid Conduit – Bronze Alloy</b> |             |                            |                  |                  |
| 2512                                         | 1/2" - 1"   | No. 6 Str. / No. 10 Sol.   | —                | 25               |
| 2522                                         | 1-1/4" - 2" | No. 6 Str. / No. 10 Sol.   | —                | 25               |
| <b>For 3/4" Rigid Conduit – Bronze Alloy</b> |             |                            |                  |                  |
| 2513                                         | 1/2" - 1"   | No. 2/0 Str. / No. 10 Sol. | —                | 25               |

See end of section (Pg B124) for detailed drawings »

**Conduit Hangers - Steel****Applications**

- For use in wet or dry locations to support runs of Rigid/IMC and EMT conduit from ceilings and walls

**Product Features: Hangers With Bolts**

- Furnished with nut and bolt to speed installation
- Pregalvanized finish provides corrosion protection

**Compliance**

- Standard 514B (trade size 0-9)
- Canada (trade size 0-9)

**Product Features: Hangers With Threaded Hole**

- Hangers are supplied with a retained bolt and threaded hole-eliminating the need for a nut
- The design allows for quick and easy installation using a screwdriver or nut driver
- Pre-galvanized finish provides corrosion protection

**Compliance**

- UL Listed E195968

**Applications**

- For use with hangers, bridle rings, and drop rods to support conduit from I-beams

**Product Features: Hangers With Bolts**

- Rugged steel/malleable iron construction will last the lifetime of the installation
- Zinc-electroplated for corrosion resistance

**Compliance**

- UL File E195968

**Conduit Hangers with Bolts****Conduit Hangers with Threaded Holes****Conduit Hangers**

| Catalog #                         | Trade Size | Rigid & IMC Size | EMT Size | Ship Carton Qty. | Max. Load Lbs. |
|-----------------------------------|------------|------------------|----------|------------------|----------------|
| <b>With Bolts – Steel</b>         |            |                  |          |                  |                |
| 2052                              | 0          | 1/2"             | 1/2"     | 100              | 50             |
| 2053                              | 1          | 3/4"             | 3/4"     | 100              | 50             |
| 2054                              | 2          | 1"               | 1"       | 100              | 60             |
| 2041                              | 2-1/2      | —                | 1-1/4"   | 100              | 75             |
| 2055                              | 3          | 1-1/4"           | 1-1/2"   | 100              | 80             |
| 2056                              | 4          | 1-1/2"           | —        | 100              | 80             |
| 2058                              | 5          | 2"               | 2"       | 50               | 100            |
| 2057                              | 6          | 2-1/2"           | 2-1/2"   | 25               | 125            |
| 2059                              | 7          | 3"               | 3"       | 25               | 165            |
| 2060                              | 8          | 3-1/2"           | 3-1/2"   | 10               | 200            |
| 2061                              | 9          | 4"               | 4"       | 10               | 230            |
| <b>With Threaded Hole – Steel</b> |            |                  |          |                  |                |
| 2052TH                            | 0          | 1/2"             | 1/2"     | 100              | 50             |
| 2053TH                            | 1          | 3/4"             | 3/4"     | 100              | 50             |
| 2054TH                            | 2          | 1"               | 1"       | 100              | 60             |
| 2041TH                            | 2-1/2      | —                | 1-1/4"   | 100              | 75             |
| 2055TH                            | 3          | 1-1/4"           | 1-1/2"   | 100              | 80             |
| 2056TH                            | 4          | 1-1/2"           | —        | 100              | 80             |
| 2058TH                            | 5          | 2"               | 2"       | 50               | 100            |

**Beam Clamps - Steel/Malleable Iron****Beam Clamp - Steel\*****Beam Clamp - Malleable Iron****Beam Clamps – Steel/Malleable Iron**

| Catalog # | Trade Size | Inside Opening Size | Unit Ctn. Qty. | Ship Carton Qty. | Max. Load Lbs. |
|-----------|------------|---------------------|----------------|------------------|----------------|
| 2500*     | 1"         | 21/32"              | —              | 100              | 50             |
| 2524      | 1"         | 27/32"              | —              | 100              | 60             |
| 2536      | 1-1/2"     | 15/16"              | —              | 50               | 60             |
| 2538      | 2"         | 1-3/16"             | —              | 25               | 100            |
| 2510      | 2-1/2"     | 1-1/4"              | —              | 25               | 200            |

Notes: \*Catalog n. 2500 is steel.

See end of section (Pg B125) for detailed drawings »



## Conduit Clamps - Galvanized Malleable Iron



### Applications

- To secure rigid metal conduit, IMC or EMT across, parallel or perpendicular to channel, beam and angle supports

### Product Features

- Three styles meet every installation need
- Heavy duty U-bolts, hex bolts and hex nuts
- Capable of supporting heavy loads
- Hot dipped galvanized malleable iron construction provides excellent weatherability and corrosion protection
- Perfect for commercial construction applications

### Compliance

- UL Listed E195968



Parallel Type



Edge Type



Right Angle Type

### Conduit Clamps

| Catalog #                                      | Trade Size | Max. Load Support @10' Spacing Intervals (Lbs.) | Unit Carton Qty. | Ship Carton Qty. |
|------------------------------------------------|------------|-------------------------------------------------|------------------|------------------|
| <b>Parallel – Galvanized Malleable Iron</b>    |            |                                                 |                  |                  |
| 2322PC                                         | 1/2"       | 50                                              | —                | 50               |
| 2323PC                                         | 3/4"       | 50                                              | —                | 50               |
| 2324PC                                         | 1"         | 60                                              | —                | 50               |
| 2325PC                                         | 1-1/4"     | 75                                              | —                | 25               |
| 2326PC                                         | 1-1/2"     | 80                                              | —                | 25               |
| 2328PC                                         | 2"         | 100                                             | —                | 25               |
| 2330PC                                         | 2-1/2"     | 125 - 160 @ 10' - 16'                           | —                | 25               |
| 2332PC                                         | 3"         | 165 @ 10' - 20'                                 | —                | 5                |
| 2334PC                                         | 3-1/2"     | 200 - 375 @ 10' - 20'                           | —                | 5                |
| 2336PC                                         | 4"         | 230 - 470 @ 10' - 20'                           | —                | 5                |
| <b>Edge – Galvanized Malleable Iron</b>        |            |                                                 |                  |                  |
| 2302EC                                         | 1/2"       | 50                                              | —                | 25               |
| 2303EC                                         | 3/4"       | 50                                              | —                | 25               |
| 2304EC                                         | 1"         | 60                                              | —                | 25               |
| 2305EC                                         | 1-1/4"     | 75                                              | —                | 25               |
| 2306EC                                         | 1-1/2"     | 80                                              | —                | 25               |
| 2308EC                                         | 2"         | 100                                             | —                | 25               |
| 2310EC                                         | 2-1/2"     | 125 - 160 @ 10' - 16'                           | —                | 25               |
| 2312EC                                         | 3"         | 165 @ 10' - 20'                                 | —                | 5                |
| <b>Right Angle – Galvanized Malleable Iron</b> |            |                                                 |                  |                  |
| 2352RC                                         | 1/2"       | 50                                              | —                | 50               |
| 2353RC                                         | 3/4"       | 50                                              | —                | 50               |
| 2354RC                                         | 1"         | 60                                              | —                | 50               |
| 2355RC                                         | 1-1/4"     | 75                                              | —                | 25               |
| 2356RC                                         | 1-1/2"     | 80                                              | —                | 25               |
| 2358RC                                         | 2"         | 100                                             | —                | 25               |
| 2360RC                                         | 2-1/2"     | 125 - 160 @ 10' - 16'                           | —                | 10               |
| 2362RC                                         | 3"         | 165 @ 10' - 20'                                 | —                | 5                |
| 2364RC                                         | 3-1/2"     | 200 - 375 @ 10' - 20'                           | —                | 5                |
| 2366RC                                         | 4"         | 230 - 470 @ 10' - 20'                           | —                | 5                |

See end of section (Pg B125 and B126) for detailed drawings »



## Knockout Seals - Steel



## Applications

- For use in closing off unused openings in boxes or panelboards

## Product Features

- All steel construction provides installation integrity
- Zinc-electroplated for added corrosion protection



Knockout Seals - One Piece



Knockout Seals - Two Piece\*

## Compliance

- Standard 514B (1037 - 1041)  
UL Listed E195973

## Knockout Seals

| Catalog #                | Nominal Cable Size | Unit Carton Qty. | Ship Carton Qty. |
|--------------------------|--------------------|------------------|------------------|
| <b>One Piece – Steel</b> |                    |                  |                  |
| 1042                     | 1/2"               | 100              | 1000             |
| 1043                     | 3/4"               | 100              | 1000             |
| 1044                     | 1"                 | 100              | 400              |
| 1045                     | 1-1/4"             | 50               | 200              |
| 1046                     | 1-1/2"             | —                | 50               |
| 1048                     | 2"                 | —                | 25               |
| <b>Two Piece – Steel</b> |                    |                  |                  |
| 1037                     | 2-1/2"             | —                | 10               |
| 1039                     | 3"                 | —                | 10               |
| 1040                     | 3-1/2"             | —                | 10               |
| 1041                     | 4"                 | —                | 10               |

Notes: \*Two piece seals include two discs, bolt and nut in a poly bag.

See end of section (Pg B126) for detailed drawings »

## Cable Protectors - Steel



### Applications

- Protects nonmetallic sheathed cable or raceway type wires running through wood studs from accidental nail, screw, or drill penetration. Also applies to plumbing to protect nonmetallic piping

### Product Features

- Interlocking design of RACO® PUZZLE-PLATE® cable protector prevents nail or screw presentation through gaps or holes
- Pre-galvanized steel construction for added corrosion protection
- No additional hardware required, just position and hammer down spurs
- Unique PUZZLE-PLATE® interlocking feature allows installer to easily increase area that requires protection
- Contractor packs or individually bar coded pieces
- Made in USA

### Compliance

- UL File E195968



2709



2710



2712



2713

### Cable Protectors – Pre-galvanized Steel

| Catalog # | Contractor Pack | Plate Length & Thickness   | Standard Package | Weight Per 100 | Bar Code |
|-----------|-----------------|----------------------------|------------------|----------------|----------|
| 2709      | —               | 2-9/16" Long, .0625" Thick | 100              | 6.8            |          |
| 2709-9    | Yes             | 2-9/16" Long, .0625" Thick | 100              | 6.8            | *        |
| 2710      | —               | 2-9/16" Long, .0625" Thick | 200              | 6.8            | —        |

### PUZZLE-PLATE Cable Protectors – Pre-galvanized Steel

| Catalog # | Contractor Pack | Plate Length & Thickness  | Standard Package | Weight Per 100 | Bar Code |
|-----------|-----------------|---------------------------|------------------|----------------|----------|
| 2712**    | —               | 2-3/4" Long, .051" Thick  | 100              | 5.3            |          |
| 2712-9R   | Yes             | 2-3/4" Long, .0625" Thick | 50               | 6.5            | —        |
| 2712R     | —               | 2-3/4" Long, .0625" Thick | 100              | 6.5            |          |
| 2713**    | —               | 5" Long, .051" Thick      | 50               | 10             |          |
| 2713R     | —               | 5" Long, .0625" Thick     | 50               | 12.2           |          |

Notes: \* Project pack sold as a UPC-A bar coded carton of 100.

\*\* Not cULus listed.

See end of section (Pg B121) for detailed drawings »



## Reducing Washers - Steel

### Applications

- For use when a raceway is smaller in trade size than the trade size of the knockout it is intended to enter
- Use reducing washers in pairs. One inside and one outside the box or enclosure



Reducing Washers

### Product Features

- All steel construction provides installation integrity
- Reducing washer is stamped with trade size information for ease of product identification
- Zinc-electroplated for added corrosion protection

### Reducing Washers – Steel

| Catalog # | Trade Size      | Dimensions |          | Unit Carton Qty. | Ship Carton Qty. |
|-----------|-----------------|------------|----------|------------------|------------------|
|           |                 | A          | B        |                  |                  |
| 1365      | 3/4" - 1/2"     | 1-1/4"     | 7/8"     | 200              | 1000             |
| 1366      | 1" - 1/2"       | 1-17/32"   | 7/8"     | 100              | 1000             |
| 1367      | 1" - 3/4"       | 1-17/32"   | 1-3/32"  | 100              | 1000             |
| 1368      | 1-1/4" - 1/2"   | 1-31/32"   | 7/8"     | —                | 100              |
| 1369      | 1-1/4" - 3/4"   | 1-31/32"   | 1-3/32"  | —                | 100              |
| 1370      | 1-1/4" - 1"     | 1-31/32"   | 1-3/8"   | —                | 100              |
| 1371      | 1-1/2" - 1/2"   | 2-5/32"    | 7/8"     | —                | 50               |
| 1372      | 1-1/2" - 3/4"   | 2-5/32"    | 1-3/32"  | —                | 50               |
| 1373      | 1-1/2" - 1"     | 2-5/32"    | 1-3/8"   | —                | 50               |
| 1374      | 1-1/2" - 1-1/4" | 2-5/32"    | 1-3/4"   | —                | 50               |
| 1375      | 2" - 1/2"       | 2-11/16"   | 7/8"     | —                | 50               |
| 1376      | 2" - 3/4"       | 2-11/16"   | 1-3/32"  | —                | 50               |
| 1377      | 2" - 1"         | 2-11/16"   | 1-3/8"   | —                | 50               |
| 1378      | 2" - 1-1/4"     | 2-11/16"   | 1-3/4"   | —                | 50               |
| 1379      | 2" - 1-1/2"     | 2-11/16"   | 1-31/32" | —                | 50               |
| 1380      | 2-1/2" - 1"     | 3-3/16"    | 1-3/8"   | —                | 50               |
| 1381      | 2-1/2" - 1-1/4" | 3-3/16"    | 1-3/4"   | —                | 50               |
| 1382      | 2-1/2" - 1-1/2" | 3-3/16"    | 1-31/32" | —                | 50               |
| 1383      | 2-1/2" - 2"     | 3-3/16"    | 2-15/32" | —                | 50               |
| 1384      | 3" - 1-1/4"     | 3-13/16"   | 1-3/4"   | —                | 25               |
| 1385      | 3" - 1-1/2"     | 3-13/16"   | 1-31/32" | —                | 25               |
| 1386      | 3" - 2"         | 3-13/16"   | 2-15/32" | —                | 25               |
| 1387      | 3" - 2-1/2"     | 3-13/16"   | 3"       | —                | 25               |
| 1389      | 3-1/2" - 2"     | 4-3/8"     | 2-15/32" | —                | 10               |
| 1390      | 3-1/2" - 2-1/2" | 4-3/8"     | 3"       | —                | 10               |
| 1391      | 3-1/2" - 3"     | 4-3/8"     | 3-5/8"   | —                | 10               |
| 1392      | 4" - 2"         | 4-29/32"   | 2-15/32" | —                | 10               |
| 1393      | 4" - 2-1/2"     | 4-29/32"   | 3"       | —                | 10               |
| 1394      | 4" - 3"         | 4-29/32"   | 3-5/8"   | —                | 10               |

See end of section (Pg B127) for detailed drawings »



## Sealing Washers - Steel



### Applications

- For use whenever a positive seal is required between the shoulder of a fitting and an enclosure

### Product Features

- One-piece construction assures proper installation - no need to worry about aligning multiple components
- Steel ring is zinc-electroplated for added corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for an attractive presentation

### Compliance

- Standard 514B  
UL Listed E195973
- C22.2 #18



Sealing Washers\*

### Sealing Washers\* - Steel

| Catalog #     | Trade Size | Unit Carton Qty. | Ship Carton Qty. | Bar Code |
|---------------|------------|------------------|------------------|----------|
| <b>2452</b>   | 1/2"       | 50               | 100              | —        |
| <b>2452-8</b> | 1/2"       | 2 per bag        | 25 bags of 2     |          |
| <b>2453</b>   | 3/4"       | 25               | 50               | —        |
| <b>2453-8</b> | 3/4"       | 2 per bag        | 20 bags of 2     |          |
| <b>2454</b>   | 1"         | 25               | 50               | —        |
| <b>2454-8</b> | 1"         | 2 per bag        | 10 bags of 2     |          |
| <b>2455</b>   | 1-1/4"     | 5                | 25               | —        |
| <b>2456</b>   | 1-1/2"     | 5                | 25               | —        |
| <b>2458</b>   | 2"         | 5                | 25               | —        |

Notes: \* One-piece steel ring and neoprene gasket, raintight.

See end of section (Pg B127) for detailed drawings »



## Nipples - Die Cast Zinc



## Applications for Offset Nipples

- For use when connecting two boxes or panels when the knockouts are not in line

## Product Features

- Rugged metallic construction provides mechanical protection for the conductors



3/4" Offset Nipples



Uninsulated Chase Nipples

## Compliance

- Standard 514B  
UL Listed E195969
- C22.2 #18

## Applications for Uninsulated Nipples

- For use with a conduit coupling to connect conduit to a box or, with a locknut to connect two boxes

## Product Features

- Rugged metallic construction

## Compliance

- Standard 514B  
UL Listed E195969
- C22.2 #18

## 3/4" Offset Nipples – Die-Cast Zinc

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1452      | 1/2"       | —                | 50               |
| 1453      | 3/4"       | —                | 20               |
| 1454      | 1"         | —                | 15               |
| 1455      | 1-1/4"     | —                | 10               |
| 1456      | 1-1/2"     | —                | 10               |
| 1458      | 2"         | —                | 6                |

## Uninsulated Chase Nipples – Die-Cast Zinc

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| 1662      | 1/2"       | 100              | 1000             |
| 1663      | 3/4"       | 50               | 500              |
| 1664      | 1"         | 25               | 250              |
| 1665      | 1-1/4"     | 25               | 250              |
| 1666      | 1-1/2"     | 25               | 100              |
| 1668      | 2"         | 10               | 40               |
| 1670      | 2-1/2"     | 10               | 40               |
| 1672      | 3"         | 10               | 40               |
| 1674      | 3-1/2"     | 10               | 40               |
| 1676      | 4"         | 5                | 20               |

See end of section (Pg B128) for detailed drawings »



## Duct Sealing Compound

### Applications

- Indoor/Outdoor general use
- For use in sealing around electrical boxes, flashings, and mast service entries
- Permanently soft and will adhere to most clean dry surfaces



DS-1LB

### Product Features

- Gray color
- Non-Corrosive: safe for metals and plastics
- Non-Irritant to skin
- Paintable
- Recommended temperature range: 25° to +120° F
- Temperature tolerance range: -30° to +175° F
- Will not slump at +275° F

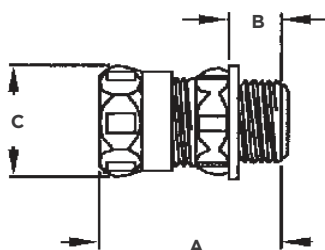
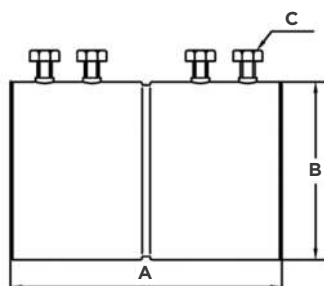
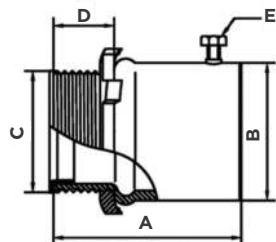


DS-5LB

### Duct Sealing Compound

| Catalog # | Trade Size | Unit Carton Qty. | Ship Carton Qty. |
|-----------|------------|------------------|------------------|
| DS-1LB    | 1 LB Brick | —                | 30               |
| DS-5LB    | 5 LB Brick | —                | 6                |

## EMT Connectors



## Set Screw Connectors - Steel

| Insulated Catalog No. | Uninsulated Catalog No. | A     | B Width/Height | C                 | D      | E        |
|-----------------------|-------------------------|-------|----------------|-------------------|--------|----------|
| 2122, 2122-8          | 2002, 2002-8            | 1.41" | 0.85"          | 1/2-14 NPSM       | 0.374" | #12-28NF |
| 2123, 2123-8          | 2003                    | 1.47" | 1.08"          | 3/4-14 NPSM       | 0.394" | #12-28NF |
| 2124, 2124-8          | 2004, 2004-8            | 1.81" | 1.3"           | 1-11 1/2 NPSM     | 0.391" | #12-28NF |
| 2125                  | 2005                    | 2.16" | 1.67"          | 1 1/4-11 1/2 NPSM | 0.400" | 1/4-28NF |
| 2126                  | 2006                    | 2.34" | 1.9"           | 1 1/2-11 1/2 NPSM | 0.400" | 1/4-28NF |
| 2128                  | 2008                    | 2.49" | 2.36"          | 2-11 1/2 NPSM     | 0.408" | 1/4-28NF |
| 2160                  | 2140                    | 3.28" | 3.15"          | 2 1/2-8 NPSM      | 0.654" | 1/4-28NF |
| 2162RAC               | 2142                    | 3.38" | 3.77"          | 3-8 NPSM          | 0.654" | 1/4-28NF |
| 2164                  | 2144                    | 3.54" | 4.27"          | 3 1/2-8 NPSM      | 0.717" | 1/4-28NF |
| 2166                  | 2146                    | 3.54" | 4.77"          | 4-8 NPSM          | 0.171" | 1/4-28NF |

## Set Screw Couplings

| Catalog No.  | A     | B     | C         |
|--------------|-------|-------|-----------|
| 2022, 2022-8 | 1.57" | 0.85" | #12-28NF  |
| 2023, 2023-8 | 1.92" | 1.08" | #12-28NF  |
| 2024, 2024-8 | 2.40" | 1.33" | #12-28NF  |
| 2025         | 3.03" | 1.70" | 1/4-28UNS |
| 2026         | 3.38" | 1.93" | 1/4-28UNS |
| 2028         | 3.70" | 2.39" | 1/4-28UNS |
| 2150         | 4.09" | 3.14" | 1/4-24UNS |
| 2152         | 4.33" | 3.77" | 1/4-24UNS |
| 2154         | 4.52" | 4.28" | 1/4-24UNS |
| 2156         | 4.72" | 4.78" | 1/4-24UNS |

## Compression Connectors

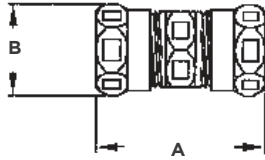
| Insulated Catalog No. | Uninsulated Catalog No. | A     | B     | C     |
|-----------------------|-------------------------|-------|-------|-------|
| <b>Steel</b>          |                         |       |       |       |
| 2912, 2912-8          | 2902, 2902-8            | 1.58" | 0.46" | 1.16" |
| 2913, 2913-8          | 2903, 2903-8            | 1.79" | 0.45" | 1.38" |
| 2914, 2914-8          | 2904, 2904-8            | 1.90" | 0.56" | 1.64" |
| 2915                  | 2905                    | 2.10" | 0.65" | 2.04" |
| 2916                  | 2906                    | 2.25" | 0.70" | 2.27" |
| 2918                  | 2908                    | 2.40" | 0.66" | 2.74" |
| 2960                  | 2940                    | 2.50" | 0.81" | 3.62" |
| 2962                  | 2942                    | 2.62" | 0.94" | 4.25" |
| 2964                  | 2944                    | 2.81" | 1.00" | 4.68" |
| 2966                  | 2946                    | 2.81" | 1.00" | 5.18" |

## Raintight

|        |        |       |       |       |
|--------|--------|-------|-------|-------|
| 2912RT | 2902RT | 1.58" | 0.46" | 1.16" |
| 2913RT | 2903RT | 1.79" | 0.45" | 1.38" |
| 2914RT | 2904RT | 1.90" | 0.56" | 1.64" |
| 2915RT | 2905RT | 2.10" | 0.65" | 2.04" |
| 2916RT | 2906RT | 2.25" | 0.70" | 2.27" |
| 2918RT | 2908RT | 2.40" | 0.66" | 2.74" |
| 2960RT | 2940RT | 2.50" | 0.81" | 3.62" |
| 2962RT | 2942RT | 2.62" | 0.94" | 4.25" |
| 2964RT | 2944RT | 2.81" | 1.00" | 4.68" |
| 2966RT | 2946RT | 2.81" | 1.00" | 5.18" |

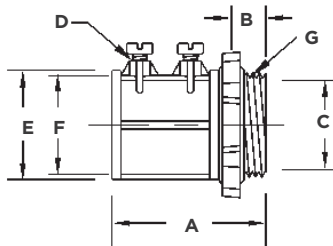
## EMT Connectors & Couplings

### Compression Couplings - Steel



| Catalog Number |        |        | A     | B     |
|----------------|--------|--------|-------|-------|
| 2922, 2922-8   | 2922US | 2922RT | 2.00" | 1.16" |
| 2923           | 2923US | 2923RT | 2.15" | 1.38" |
| 2924, 2924-8   | 2924US | 2924RT | 2.32" | 1.64" |
| 2925           | 2925US | 2925RT | 2.50" | 2.04" |
| 2926           | 2926US | 2926RT | 2.78" | 2.27" |
| 2928           | 2928US | 2928RT | 2.88" | 2.74" |
| 2950           | 2950US | 2950RT | 3.87" | 3.62" |
| 2952           | 2952US | 2952RT | 4.00" | 4.25" |
| 2954           | 2954US | 2954RT | 4.68" | 4.68" |
| 2956           | 2956US | 2956RT | 4.93" | 5.18" |

### Connectors

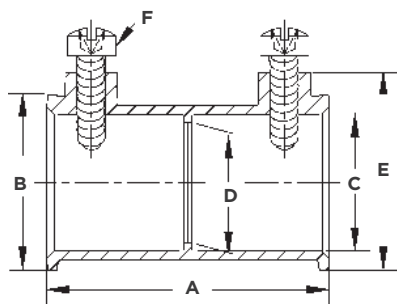


| Insulated Catalog No. | Uninsulated Catalog No. | A        | B       | C        | D             | E        | F        | G            |
|-----------------------|-------------------------|----------|---------|----------|---------------|----------|----------|--------------|
| 2634                  | 2602                    | 1-5/32"  | 25/64"  | 39/64"   | 10-24 x 5/16" | 15/16"   | 23/32"   | 1/2"-14      |
| 2635                  | 2603                    | 1-13/32" | 15/32"  | 13/16"   | 10-24 x 5/16" | 1-7/32"  | 15/16"   | 3/4"-14      |
| 2636                  | 2604                    | 1-35/64" | 35/64"  | 1-1/32"  | 10-24 x 5/16" | 1-27/64" | 1-3/16"  | 1"-11-1/2    |
| 2637                  | 2605                    | 1-31/32" | 5/8"    | 1-3/8"   | 12-24 x 3/8"  | 1-53/64" | 1-35/64" | 1-1/4"-11-12 |
| 2638                  | 2606                    | 2-13/64" | 47/64"  | 1-19/32" | 1/4-20 x 1/2" | 2-3/64"  | 1-49/64" | 1-1/2"-11-12 |
| 2639                  | 2608                    | 2-1/2"   | 3/4"    | 2-3/64"  | 1/4-20 x 1/2" | 2-17/32" | 2-15/64" | 2"-11-12     |
| 2648                  | 2640                    | 3-3/32"  | 1-3/64" | 2-33/64" | 1/4-20 x 1/2" | 3-19/64" | 2-59/64" | 2-1/2"-8     |
| 2649                  | 2642                    | 3-25/64" | 1-1/16" | 3-5/32"  | 1/4-20 x 1/2" | 3-15/16" | 3-9/16"  | 3"-8         |
| 2650                  | 2644                    | 3-9/16"  | 1-3/64" | 3-19/32" | 1/4-20 x 1/2" | 4-7/16"  | 4-3/64"  | 3-1/2"-8     |
| 2651                  | 2646                    | 3-49/64" | 1-1/8"  | 4-7/64"  | 1/4-20 x 1/2" | 4-15/16" | 4-37/64" | 4"-8         |

A = Overall length  
B = Thread length  
C = Throat I.D.  
D = Screw size and length

E = Body O.D.  
F = Body I.D.  
G = NPSM threads

## EMT Connectors &amp; Couplings - Die Cast Zinc

**Couplings**

| Catalog Number | A        | B        | C        | D        | E        | F             |
|----------------|----------|----------|----------|----------|----------|---------------|
| 2622           | 1-1/2"   | 59/64"   | 23/32"   | 41/64"   | 1-3/64"  | 10-24 x 5/16" |
| 2623           | 1-7/8"   | 1-9/64"  | 15/16"   | 55/64"   | 1-15/64" | 10-24 x 5/16" |
| 2624           | 2"       | 1-27/64" | 1-3/16"  | 1-7/64"  | 1-17/32" | 10-24 x 5/16" |
| 2625           | 2-1/2"   | 1-53/64" | 1-17/32" | 1-7/16"  | 1-63/64" | 12-24 x 3/8"  |
| 2626           | 2-7/8"   | 2-1/16"  | 1-49/64" | 1-43/64" | 2-13/64" | 1/4-20 x 1/2" |
| 2628           | 3-7/16"  | 2-35/64" | 2-7/32"  | 2-1/8"   | 2-11/16" | 1/4-20 x 1/2" |
| 2670           | 4-1/64"  | 3-21/64" | 2-29/32" | 2-3/4"   | 3-11/32" | 1/4-20 x 1/2" |
| 2672           | 4-29/64" | 3-15/16" | 3-35/64" | 3-27/64" | 3-63/64" | 1/4-20 x 1/2" |
| 2674           | 4-15/16" | 4-7/16"  | 3-35/64" | 3-61/64" | 4-31/64" | 1/4-20 x 1/2" |
| 2676           | 5-15/64" | 4-15/16" | 4-35/64" | 4-13/32" | 4-31/64" | 1/4-20 x 1/2" |

A = Overall length

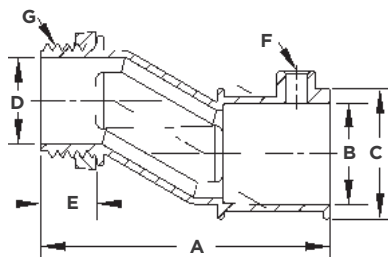
B = O.D. of body

C = I.D. of body

D = Center stop dia.

E = Height of body

F = Screw

**3/8" Offset Connectors**

| Catalog Number | A       | B      | C       | D      | E      | F             | G        |
|----------------|---------|--------|---------|--------|--------|---------------|----------|
| 1763           | 3-1/64" | 15/16" | 1-1/32" | 55/64" | 15/32" | 10-24 x 5/16" | 3/4"- 14 |

A = Overall length

B = I.D. of body

C = O.D. of body

D = Throat I.D.

E = Thread length

F = Screw size and length

G = Thread spec.

## EMT Handy Ells

**90° Handy Ells - Couplings**

| Catalog Number | A        | B       | C        | D           | E             | F        |
|----------------|----------|---------|----------|-------------|---------------|----------|
| 2752           | 1-1/2"   | 47/64"  | 15/16"   | 8-32 x 1/4" | 10-32 x 5/16" | 1-5/16"  |
| 2753           | 1-13/16" | 15/16"  | 1-3/16"  | 8-32 x 1/4" | 10-32 x 5/16" | 1-13/32" |
| 2754           | 2-51/64" | 1-3/16" | 1-35/64" | 8-32 x 1/4" | 1/4-20 x 1/2" | 1-27/32" |

A = Distance between cover screws

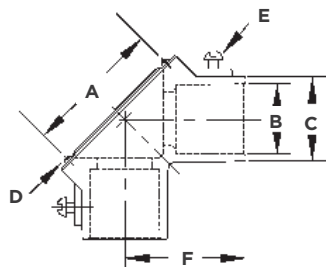
B = I.D. of body

C = O.D. of body

D = Screw size and length

E = Set screw size

F = Length

**90° Handy Ells - Connectors**

| Catalog Number | A        | B      | C       | D           | E             | F        | G            |
|----------------|----------|--------|---------|-------------|---------------|----------|--------------|
| 2762           | 1-1/2"   | 47/64" | 15/16"  | 8-32 x 1/4" | 10-32 x 5/16" | 1-5/16"  | 1/2"-14 NPSM |
| 2763           | 1-13/16" | 15/16" | 1-3/16" | 8-32 x 1/4" | 10-32 x 5/16" | 1-13/32" | 3/4"-14 NPSM |

A = Distance between cover screws

B = I.D. of body

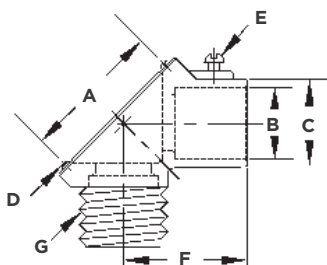
C = O.D. of body

D = Screw size and length

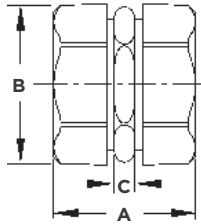
E = Set screw size

F = Length to end of body

G = Thread spec.



## EMT Couplings & Connectors - Die Cast Zinc



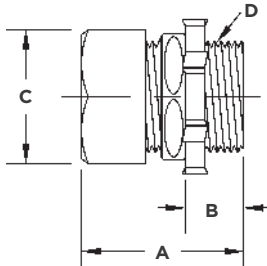
### Compression Couplings

| Catalog Number | A        | B        | C      |
|----------------|----------|----------|--------|
| 2822           | 1-45/64" | 29/32"   | 21/64" |
| 2823           | 1-25/32" | 1-7/64"  | 7/32"  |
| 2824           | 1-53/64" | 1-13/32" | 13/32" |
| 2825           | 2-1/8"   | 1-25/32" | 3/8"   |
| 2826           | 2-11/32" | 2"       | 13/32" |
| 2828           | 2-15/32" | 2-13/32" | 3/8"   |
| 2870           | 3-9/32"  | 3-5/32"  | 3/8"   |
| 2872           | 3-11/32" | 3-13/16" | 3/8"   |
| 2874           | 3-35/64" | 4-9/32"  | 3/8"   |
| 2876           | 3-21/64" | 4-3/4"   | 3/8"   |

A = Overall length

B = Compression nut O.D. across flats

C = Body hex width



### Compression Connectors

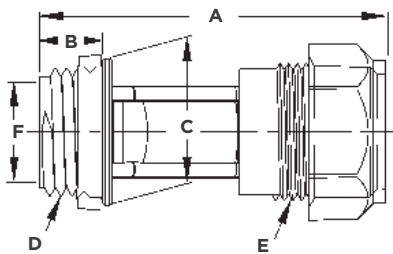
| Insulated Catalog No. | Uninsulated Catalog No. | A        | B        | C        | D                    |
|-----------------------|-------------------------|----------|----------|----------|----------------------|
| 2832                  | 2802                    | 1-11/32" | 9/16"    | 29/32"   | 1/2" - 14 NPSM       |
| 2833                  | 2803                    | 1-3/8"   | 9/16"    | 1-3/32"  | 3/4" - 14 NPSM       |
| 2834                  | 2804                    | 1-33/64" | 23/32"   | 1-13/32" | 1" - 11-1/2 NPSM     |
| 2835                  | 2805                    | 1-53/64" | 49/64"   | 1-25/32" | 1-1/4" - 11-1/2 NPSM |
| 2836                  | 2806                    | 1-15/16" | 49/64"   | 2-1/8"   | 1-1/2" - 11-1/2 NPSM |
| 2838                  | 2808                    | 2-15/64" | 59/64"   | 2-21/32" | 2" - 11-1/2 NPSM     |
| 2890                  | 2840                    | 2-45/64" | 1-11/64" | 3-5/32"  | 2-1/2" - 8 NPSM      |
| 2892                  | 2842                    | 2-49/64" | 1-13/64" | 3-13/16" | 3" - 8 NPSM          |
| 2894                  | 2844                    | 2-59/64" | 1-15/64" | 4-1/4"   | 3-1/2" - 8 NPSM      |
| 2896                  | 2846                    | 2-59/64" | 1-15/64" | 4-49/64" | 4" - 8 NPSM          |

A = Overall length

B = Thread length

C = Compression nut across flats

D = Threads NPSM



### Compression Offset Connectors

| Catalog Number | A        | B      | C       | D         | E               | F      |
|----------------|----------|--------|---------|-----------|-----------------|--------|
| 1952           | 2-5/32"  | 13/32" | 15/16"  | 1/2" - 14 | 7/8"-18-2A      | 5/8"   |
| 1953           | 2-15/16" | 15/32" | 1-5/32" | 3/4" - 14 | 1-5/64" - 18-2A | 25/32" |

A = Overall length

B = Thread length

C = Threaded hub O.D.

D = Threads NPSM

E = Threads UNS

F = Throat I.D.

## Malleable Iron

### 90° Short Angle Connectors

| Catalog Number | A      | B      | C        | D        | E     | Thread Spec.  | F      |
|----------------|--------|--------|----------|----------|-------|---------------|--------|
| 2072           | 1-1/8" | 23/32" | 1-9/32"  | 1-7/32"  | 1/2"  | 1/2" - 14 NPT | 5/8"   |
| 2073           | 1-3/8" | 15/32" | 1-19/32" | 1-15/32" | 9/16" | 3/4" - 14 NPT | 13/16" |

A = Compression nut O.D.

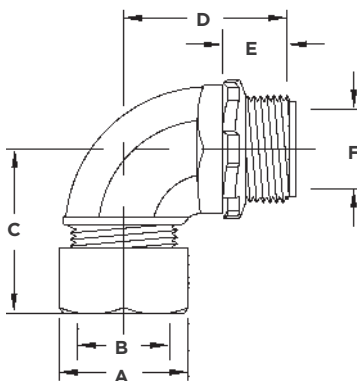
B = Compression nut I.D.

C = Length to end of nut

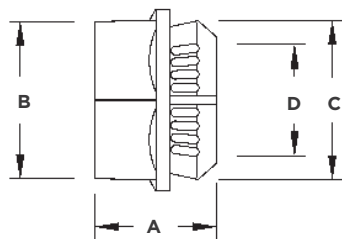
D = Length to end of thread

E = Thread length and thread spec.

F = Throat I.D.



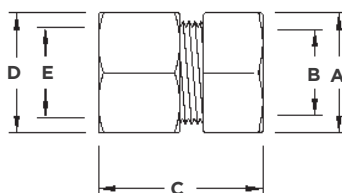
## EMT Connectors &amp; Combination Couplings

**Two-Piece Connectors**

| Catalog Number | A      | B       | C       | D      |
|----------------|--------|---------|---------|--------|
| 2702           | 11/16" | 1-3/64" | 15/16"  | 39/64" |
| 2703           | 13/16" | 1-5/16" | 1-5/32" | 13/16" |

A = Overall length  
B = O.D. of nut

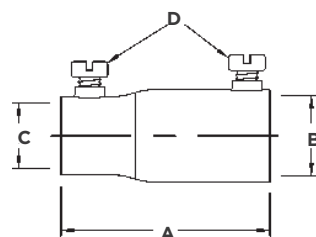
C = O.D. of body  
D = I.D. of throat

**EMT - Rigid - Couplings Threaded/Compression**

| Catalog Number | A        | B       | C        | D        | E        |
|----------------|----------|---------|----------|----------|----------|
| 1352           | 1-5/32"  | 3/4"    | 1-11/32" | 1-1/8"   | 23/32"   |
| 1353           | 1-7/16"  | 31/32"  | 1-17/32" | 1-3/8"   | 15/16"   |
| 1354           | 1-21/32" | 1-7/32" | 1-5/8"   | 1-43/64" | 1-11/64" |

A = O.D. of hub  
B = Throat I.D.  
C = Overall length

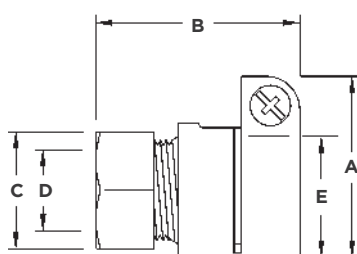
D = Nut O.D.  
E = Nut I.D.

**EMT - Rigid Couplings Set Screw**

| Catalog Number | A        | B        | C        | D                      |
|----------------|----------|----------|----------|------------------------|
| 1432           | 2-13/64" | 55/64"   | 23/32"   | 1/4-28 x 3/8" Pan Head |
| 1433           | 2-21/32" | 1-1/16"  | 59/64"   | 1/4-28 x 3/8" Pan Head |
| 1434           | 3-5/64"  | 1-21/64" | 1-11/64" | 1/4-28 x 3/8" Pan Head |

A = Overall length  
B = I.D. rigid side

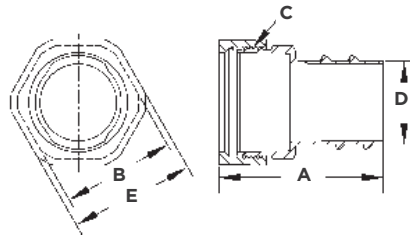
C = I.D. EMT side  
D = Screw spec.

**EMT - Flex Couplings Squeeze/Compression**

| Catalog Number | A      | B        | C       | D      | E                 |
|----------------|--------|----------|---------|--------|-------------------|
| 1941           | 1-1/4" | 1-5/16"  | 1-7/64" | 23/32" | 17/32" - 5/8"     |
| 1942, 1942-8   | 1-1/2" | 1-3/4"   | 1-7/64" | 23/32" | 13/16" - 15/16"   |
| 1943, 1943-8   | 1-3/4" | 1-53/64" | 1-3/8"  | 15/16" | 1-31/32" - 1-1/8" |

A = Width across flex side  
B = Overall length  
C = Nut O.D.

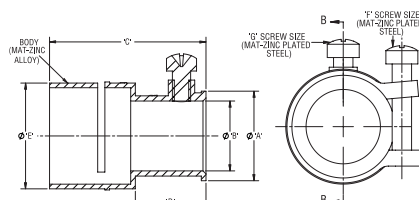
D = Nut I.D.  
E = Clamping range (flex side)

**EMT - Rigid - Couplings Threaded/Compression**

| Catalog Number | A        | B        | C<br>THREAD SPEC. | D      | E        |
|----------------|----------|----------|-------------------|--------|----------|
| 1482           | 1-21/32" | 59/64"   | 7/8"-18 UNS       | 5/8"   | 31/32"   |
| 1483           | 1-51/64" | 1-1/8"   | 1-5/64"-18 UNS    | 13/16" | 1-7/32"  |
| 1484           | 1-63/64" | 1-23/64" | 1-23/64"-18 UNS   | 1"     | 1-33/64" |

A = Overall length  
B = Body across flat  
C = Thread spec.

D = Flex end O.D.  
E = Nut across flat

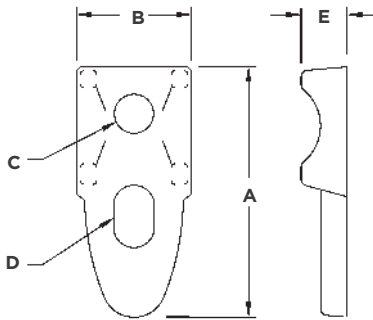
**Combination Couplings**

| Catalog Number | A      | B      | C      | D      | E      |
|----------------|--------|--------|--------|--------|--------|
| 1852           | 0.933" | 0.728" | 1.63"  | 0.736" | 1.102" |
| 1853           | 1.157" | 0.945" | 1.961" | 0.803" | 1.303" |

A = Overall length  
B = Body across flat  
C = Thread spec.

D = Flex end O.D.  
E = Nut across flat

## EMT Couplings & Connectors - Die Cast Zinc



### Clamp Backs

| Catalog Number | A        | B        | C      | D                 | E       |
|----------------|----------|----------|--------|-------------------|---------|
| 1342           | 2-19/64" | 1-1/32"  | 23/64" | 3/8" x 9/16"      | 27/64"  |
| 1343           | 2-7/16"  | 1-11/64" | 29/64" | 27/64" x 21/32"   | 29/64"  |
| 1344           | 3-1/64"  | 1-17/64" | 3/8"   | 33/64" x 23/32"   | 17/32"  |
| 1345           | 3-17/32" | 1-19/32" | 19/32" | 1/2" x 47/64"     | 35/64"  |
| 1346           | 3-29/32" | 1-39/64" | 9/16"  | 9/16" x 15/16"    | 1/2"    |
| 1348           | 4-27/32" | 1-63/64" | 9/16"  | 37/64" x 25/32"   | 59/64"  |
| 1347           | 5-3/4"   | 2-13/32" | 37/64" | 39/64" x 1-1/4"   | 53/64"  |
| 1349           | 6-47/64" | 2-5/8"   | 33/64" | 19/32" x 1-15/64" | 27/32"  |
| 1350           | 7-21/32" | 3-17/64" | 19/32" | 43/64" x 1-7/64"  | 61/64"  |
| 1351           | 8-5/64"  | 3-7/16"  | 33/64" | 7/8" x 1-19/64"   | 1-1/32" |

A = Overall length  
B = Width  
C = Hole diameter

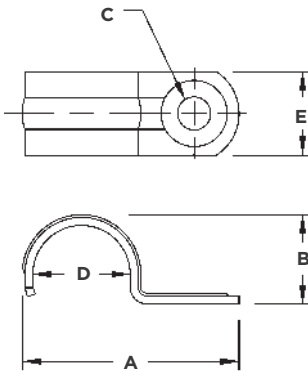
D = Slot size  
E = Height

### One Hole Push-on Straps

| Catalog Number | A       | B        | C      | D        | E      |
|----------------|---------|----------|--------|----------|--------|
| 2082           | 1-5/8"  | 49/64"   | 1/4"   | 23/32"   | 5/8"   |
| 2083           | 2-3/16" | 1"       | 9/32"  | 59/64"   | 5/8"   |
| 2084           | 2-9/16" | 1-9/32"  | 9/32"  | 1-11/64" | 3/4"   |
| 2085           | 3-1/8"  | 1-41/64" | 9/32"  | 1-17/32" | 7/8"   |
| 2086           | 3-5/8"  | 1-57/64" | 11/32" | 1-3/4"   | 1"     |
| 2088           | 4-7/16" | 2-25/64" | 11/32" | 2-3/16"  | 1-1/8" |
| 1337           | 5-5/16" | 3-1/16"  | 21/32" | 2-7/8"   | 1-1/4" |
| 1339           | 6-1/16" | 3-11/16" | 21/32" | 3-1/2"   | 1-1/4" |
| 1340           | 6-7/8"  | 4-1/4"   | 21/32" | 4"       | 1-1/4" |
| 1341           | 7-3/8"  | 4-3/4"   | 21/32" | 4-1/2"   | 1-1/4" |

A = Overall length  
B = Height  
C = Hole size

D = Diameter  
E = Width of strap

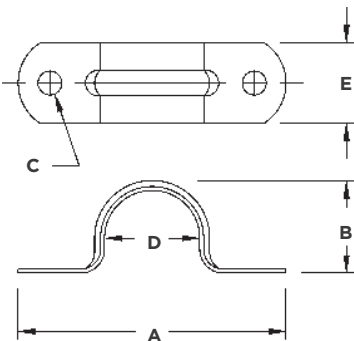


### Two Hole Stamped Straps

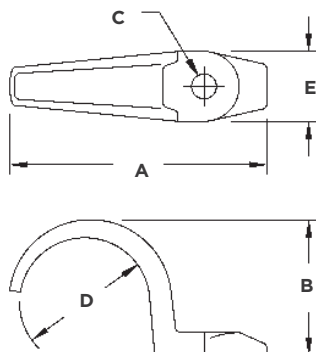
| Catalog Number | A      | B      | C     | D      | E      |
|----------------|--------|--------|-------|--------|--------|
| 2092           | 2.140" | .750"  | .187" | .706"  | .625"  |
| 2093           | 2.288" | 1.015" | .187" | .922"  | .625"  |
| 2094           | 2.750" | 1.235" | .250" | 1.163" | .750"  |
| 2095           | 3.520" | 1.540" | .250" | 1.510" | .750"  |
| 2096           | 3.770" | 1.785" | .250" | 1.740" | .750"  |
| 2098           | 4.453" | 2.270" | .250" | 2.147" | .750"  |
| 2239           | 5.720" | 3.050" | .312" | 2.875" | 1.000" |
| 2240           | 6.578" | 3.670" | .312" | 3.500" | 1.000" |
| 2241           | 7.156" | 3.975" | .312" | 4.000" | 1.000" |
| 2242           | 7.718" | 4.700" | .312" | 4.500" | 1.000" |

A = Overall length  
B = Height  
C = Hole size

D = Diameter  
E = Width of strap



## EMT Clamp Backs & Straps



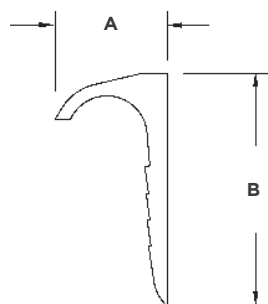
### One Hole Straps

| Catalog Number | A        | B        | C      | D      | E        |
|----------------|----------|----------|--------|--------|----------|
| 1310           | 5-3/8"   | 3-1/32"  | 35/64" | 2-7/8" | 1-5/16"  |
| 1312           | 6-39/64" | 3-25/32" | 9/16"  | 3-1/2" | 1-31/64" |
| 1314           | 7-7/8"   | 4-13/32" | 45/64" | 4"     | 2"       |
| 1316           | 8-15/64" | 4-27/32" | 3/4"   | 4-1/2" | 2"       |

A = Overall length  
B = Height  
C = Hole size

D = Diameter  
E = Width of strap

## Nail-Up Straps

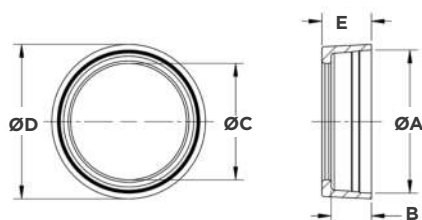


### Nail-up Straps Stamped

| Catalog Number | A       | B        |
|----------------|---------|----------|
| 2252           | 1-1/16" | 2-3/16"  |
| 2253           | 1-1/4"  | 2-19/64" |
| 2254           | 1-1/2"  | 2-13/32" |

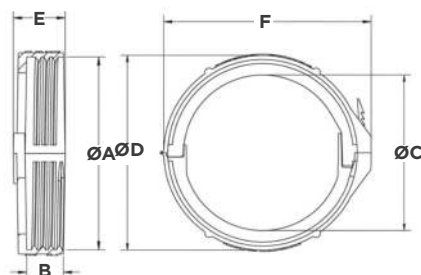
A = Width  
B = Height

## EMT Insulating Bushings



### Insulating Bushings

| Catalog Number | A     | B     | C     | D     | E     |
|----------------|-------|-------|-------|-------|-------|
| 2172RAC        | 0.72" | 0.41" | 0.56" | 0.84" | 0.54" |
| 2173RAC        | 0.93" | 0.40" | 0.74" | 1.05" | 0.53" |
| 2174RAC        | 1.18" | 0.50" | 0.96" | 1.30" | 0.64" |
| 2175RAC        | 1.53" | 0.50" | 1.24" | 1.65" | 0.63" |
| 2176RAC        | 1.77" | 0.49" | 1.44" | 1.91" | 0.62" |
| 2178RAC        | 2.22" | 0.50" | 1.90" | 2.38" | 0.63" |
| 2180RAC        | 2.93" | 1.11" | 2.24" | 3.05" | 1.23" |
| 2182RAC        | 3.54" | 1.11" | 3.57" | 3.70" | 1.23" |
| 2184RAC        | 4.04" | 1.11" | 4.07" | 4.21" | 1.24" |
| 2186RAC        | 4.54" | 1.09" | 4.56" | 4.80" | 1.23" |



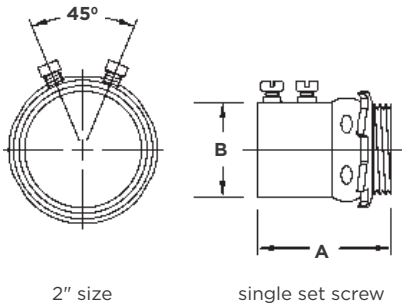
### Universal Split Insulating Bushings - Polypropylene

| Catalog Number | A     | B     | C     | D     | E     | F     |
|----------------|-------|-------|-------|-------|-------|-------|
| 1410USP        | 2.88" | 0.55" | 2.50" | 3.00" | 0.78" | 3.25" |
| 1412USP        | 3.50" | 0.80" | 3.00" | 3.50" | 1.05" | 3.75" |
| 1414USP        | 4.00" | 0.80" | 3.50" | 4.00" | 1.05" | 4.25" |
| 1416USP        | 4.50" | 0.80" | 4.00" | 4.50" | 1.05" | 4.75" |

A = Thread I.D.  
B = Inner thread depth  
C = Throat I.D.

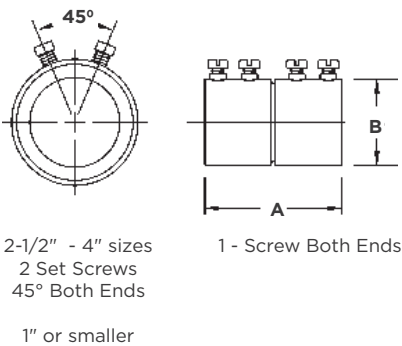
D = Diameter  
E = Length  
F = Max. width

## Rigid and IMC Connectors & Couplings



### Set Screw Connectors

| Catalog Number | A      | B      | Thread Spec.      |
|----------------|--------|--------|-------------------|
| 3002           | 1-1/8" | 1-1/8" | 1/2"-14 NPS       |
| 3003           | 1-1/4" | 1-3/8" | 3/4"-14 NPS       |
| 3004           | 1-1/2" | 1-5/8" | 1"-11-1/2 NPS     |
| 3005           | 1-3/4" | 2"     | 1-1/4"-11-1/2 NPS |
| 3006           | 1-7/8" | 2-1/4" | 1-1/2"-11-1/2 NPS |
| 3008           | 2"     | 2-3/4" | 2"-11-1/2 NPS     |

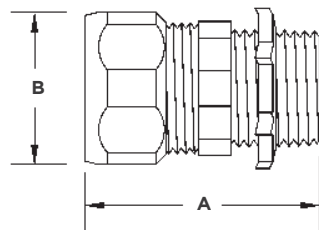


### Set Screw Couplings

| Catalog Number | A       | B      |
|----------------|---------|--------|
| 3022           | 1-1/2"  | 1-1/8" |
| 3023           | 1-1/2"  | 1-3/8" |
| 3024           | 1-7/8"  | 1-5/8" |
| 3025           | 1-3/16" | 2"     |
| 3026           | 2-5/8"  | 2-1/4" |
| 3028           | 2-3/4"  | 2-3/4" |

A = Overall length  
B = Body O.D.

## Rigid Compression Connectors



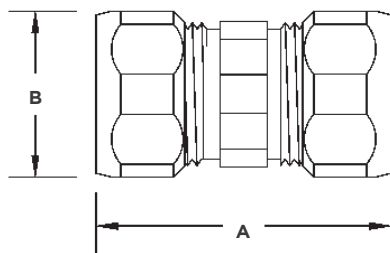
### Connectors

| Insulated Cat. Number | Uninsulated Cat. Number | A        | B        | Thread Spec.      |
|-----------------------|-------------------------|----------|----------|-------------------|
| 3802RAC               | 1802                    | 1-11/32" | 1-11/64" | 1/2"-14 NPS       |
| 3803RAC               | 1803                    | 1-31/64" | 1-7/16"  | 3/4"-14 NPS       |
| 3804RAC               | 1804                    | 1-37/64" | 1-3/4"   | 1"-11-1/2 NPS     |
| 3805RAC               | 1805                    | 1-55/64" | 2-5/32"  | 1-1/4"-11-1/2 NPS |
| 3806RAC               | 1806                    | 1-15/16" | 2-3/8"   | 1-1/2"-11-1/2 NPS |
| 3808RAC               | 1808                    | 2-7/32"  | 2-7/8"   | 2"-11-1/2 NPS     |
| —                     | 1810                    | 4"       | 4-9/64"  | 2-1/2"- 8 NPS     |
| —                     | 1812                    | 4-5/16"  | 4-23/32" | 3"- 8 NPS         |
| —                     | 1814                    | 4-3/8"   | 5-3/8"   | 3-1/2"- 8 NPS     |
| —                     | 1816                    | 4-1/2"   | 5-29/32" | 4"- 8 NPS         |

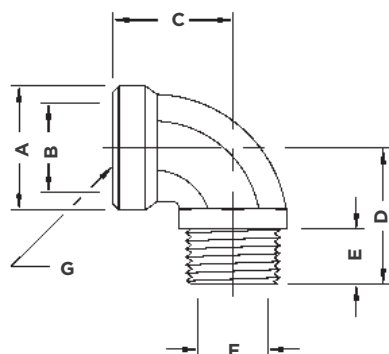
### Couplings

| Catalog Number | A        | B        |
|----------------|----------|----------|
| 1822           | 1-3/4"   | 1-3/16"  |
| 1823           | 1-13/16" | 1-7/16"  |
| 1824           | 1-61/64" | 1-3/4"   |
| 1825           | 2-21/32" | 2-5/32"  |
| 1826           | 2-45/64" | 2-3/8"   |
| 1828           | 2-15/16" | 3-3/8"   |
| 1830           | 5-3/4"   | 3-15/16" |
| 1832           | 5-3/4"   | 4-21/32" |
| 1834           | 6"       | 5-13/64" |
| 1836           | 6-13/16" | 5-3/4"   |

A = Overall length  
B = Body O.D.



## Rigid Short Elbows



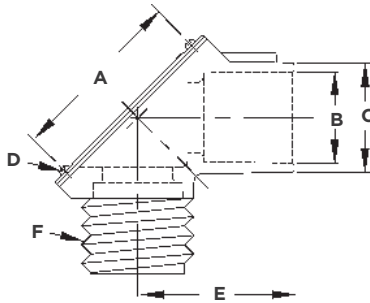
### 90° Short Elbows

| Catalog Number | A       | B      | C       | D        | E     | F      | G<br>THREAD SPEC. |
|----------------|---------|--------|---------|----------|-------|--------|-------------------|
| 1722           | 1-5/64" | 3/4"   | 1-1/16" | 1-17/32" | 1/2"  | 39/64" | 1/2"-14 NPS       |
| 1723           | 1-9/32" | 61/64" | 1-9/32" | 1-15/32" | 9/16" | 13/16" | 3/4"-14 NPS       |

A = Hub O.D.  
B = Hub I.D.  
C = Length to end of hub  
D = Length to end of thread

E = Thread length  
F = Throat I.D.  
G = Thread spec

## Rigid Handy Ells

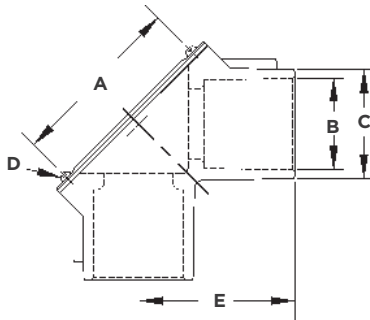


### 90° Handy Ells Threaded - Connectors

| Catalog Number | A        | B              | C        | D             | E        | F              |
|----------------|----------|----------------|----------|---------------|----------|----------------|
| 2662           | 1-1/2"   | 1/2"-14 NPSM   | 1"       | 8 - 32 x 1/4" | 1-5/16"  | 1/2"-14 NPSM   |
| 2663           | 1-13/16" | 3/4"-14 NPSM   | 1-15/64" | 8 - 32 x 1/4" | 1-13/32" | 3/4"-14 NPSM   |
| 2664RAC        | 2-51/64" | 1"-11-1/2 NPSM | 1-35/64" | 8 - 32 x 1/4" | 1-27/32" | 1"-11-1/2 NPSM |

A = Distance between cover screws  
B = Threaded hub end  
C = Body O.D.

D = Screw size and length  
E = Length to end of body  
F = Threaded hub



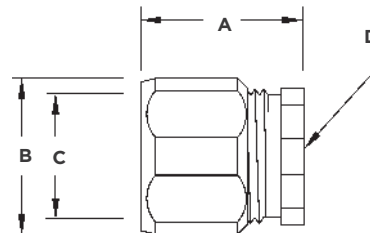
### 90° Handy Ells Threaded - Couplings

| Catalog Number | A        | B                  | C        | D             | E        |
|----------------|----------|--------------------|----------|---------------|----------|
| 2652           | 1-1/2"   | 1/2"-14 NPSM       | 1"       | 8 - 32 x 1/4" | 1-5/16"  |
| 2653           | 1-13/16" | 3/4"-14 NPSM       | 1-15/64" | 8 - 32 x 1/4" | 1-13/32" |
| 2654           | 2-51/64" | 1"-11-1/2 NPSM     | 1-35/64" | 8 - 32 x 1/4" | 1-27/32" |
| 2655           | 2-27/32" | 1-1/4"-11-1/2 NPSM | 1-59/64" | 8 - 32 x 1/4" | 2-1/64"  |

A = Distance between cover screws  
B = Threaded hub  
C = Body O.D.

D = Screw size and length  
E = Length to end of body

## Rigid Three-Piece Couplings

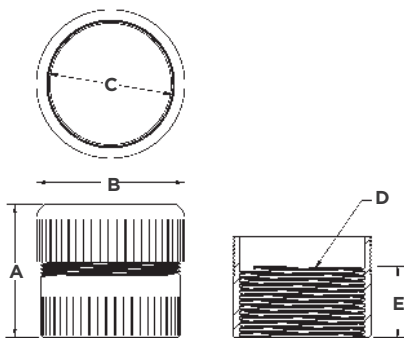


### Three-Piece Couplings

| Catalog Number | A        | B        | C        | D<br>Thread Spec. |
|----------------|----------|----------|----------|-------------------|
| 1502           | 1-3/32"  | 1-7/32"  | 49/64"   | 1/2"-14 NPT       |
| 1503           | 1-1/8"   | 1-7/16"  | 31/32"   | 3/4"-14 NPT       |
| 1504           | 1-3/8"   | 1-3/4"   | 1-7/32"  | 1"-11-1/2 NPT     |
| 1505           | 1-11/16" | 2-5/32"  | 1-9/16"  | 1-1/4"-11-1/2 NPT |
| 1506           | 2-17/64" | 2-3/4"   | 1-13/16" | 1-1/2"-11-1/2 NPT |
| 1508           | 2-13/32" | 3-3/8"   | 2-9/32"  | 2"-11-1/2 NPT     |
| 1510           | 3-1/8"   | 4-1/16"  | 2-3/4"   | 2-1/2"- 8 NPT     |
| 1512           | 3-3/8"   | 4-17/32" | 3-3/8"   | 3"- 8 NPT         |
| 1514           | 3-43/64" | 5-3/16"  | 3-7/8"   | 3-1/2"- 8 NPT     |
| 1516           | 3-15/32" | 5-3/4"   | 4-3/8"   | 4"- 8 NPT         |
| 1520           | 4-3/32"  | 6-3/4"   | 5-7/16"  | 5"- 8 NPT         |

A = Overall length  
B = O.D. body

C = I.D. body  
D = Thread size



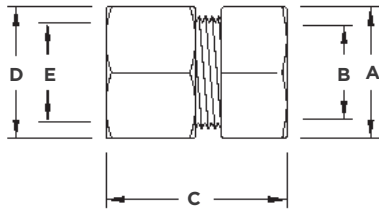
### Three-Piece Super Couplings

| Catalog Number | A       | B       | C        | D              | E      |
|----------------|---------|---------|----------|----------------|--------|
| 1530RAC        | 3-1/8"  | 3-7/16" | 2-15/16" | 2-1/2" - 8 NPT | 1-5/8" |
| 1532RAC        | 3-5/16" | 4-1/16" | 3-1/2"   | 3" - 8 NPT     | 1-3/4" |

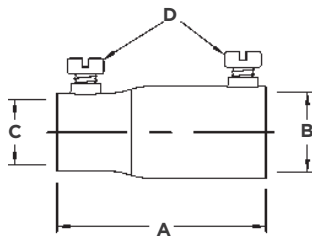
A = Overall length  
B = O.D. body  
C = I.D. body

D = Thread Spec. Internal  
E = Thread Length Internal

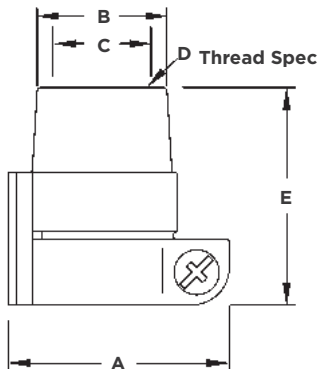
## Rigid Combination Couplings

**Rigid - EMT Couplings Threaded/Compression**

| Catalog Number | A        | B       | C        | D        | E        |
|----------------|----------|---------|----------|----------|----------|
| 1352           | 1-5/32"  | 3/4"    | 1-7/16"  | 1-1/8"   | 23/32"   |
| 1353           | 1-3/8"   | 31/32"  | 1-17/32" | 1-3/8"   | 15/16"   |
| 1354           | 1-21/32" | 1-7/32" | 1-5/8"   | 1-43/64" | 1-11/64" |

*A = Nut O.D.**B = Nut I.D.**C = Overall length**D = O.D. of Hub**E = Throat I.D.***Rigid - EMT Couplings Set Screw**

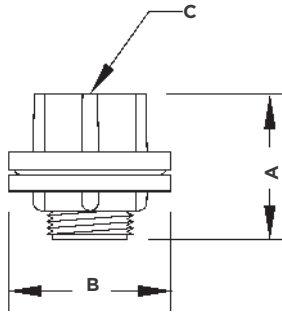
| Catalog Number | A        | B        | C        | D<br>Thread Spec.      |
|----------------|----------|----------|----------|------------------------|
| 1432           | 2-13/64" | 55/64"   | 23/32"   | 1/4-28 x 3/8" Pan Head |
| 1433           | 2-21/32" | 1-1/16"  | 59/64"   | 1/4-28 x 3/8" Pan Head |
| 1434           | 3-1/16"  | 1-21/64" | 1-11/64" | 1/4-28 x 3/8" Pan Head |

*A = Overall length**B = I.D. rigid side**C = I.D. EMT side**D = Screw spec***Rigid - Flex Couplings**

| Catalog Number | A        | B        | C       | D<br>Thread Spec. | E        |
|----------------|----------|----------|---------|-------------------|----------|
| 1552           | 1-43/64" | 1-13/64" | 3/4"    | 1/2"-14 NPT       | 1-1/2"   |
| 1553           | 1-7/8"   | 1-23/64" | 31/32"  | 3/4"-14 NPT       | 1-3/4"   |
| 1554           | 2-5/16"  | 1-21/32" | 1-7/32" | 1"-11-1/2 NPT     | 1-53/64" |

*A = Width across flex side**B = Hub O.D.**C = Hub I.D.**D = Thread spec hub**E = Overall length*

## Rigid Threaded Hubs



**Threaded Hubs Insulated Throat**

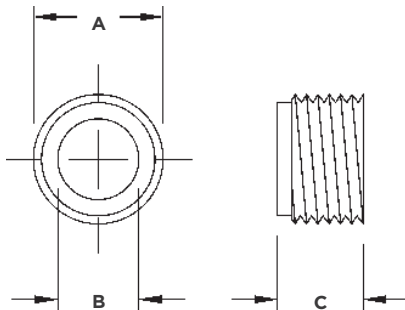
| Catalog Number | A      | B      | C                 |
|----------------|--------|--------|-------------------|
| 1702           | 1.500" | 1.437" | 1/2"-14 NPT       |
| 1703           | 1.510" | 1.685" | 3/4"-14 NPT       |
| 1704           | 1.812" | 1.921" | 1"-11-1/2 NPT     |
| 1705           | 1.877" | 2.370" | 1-1/4"-11-1/2 NPT |
| 1706           | 1.920" | 2.745" | 1-1/2"-11-1/2 NPT |
| 1708           | 1.895" | 3.236" | 2"-11-1/2 NPT     |
| 1710           | 2.605" | 3.708" | 2-1/2"-8 NPT      |
| 1712           | 2.615" | 4.370" | 3"- 8 NPT         |
| 1714           | 2.570" | 4.941" | 3-1/2"- 8 NPT     |
| 1716           | 2.590" | 5.450" | 4"- 8 NPT         |

A = Overall length

B = O.D.

C = Thread size

## Rigid Reducing Bushings



**Reducing Bushings**

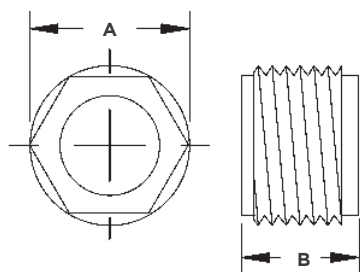
| Catalog Number | A        | Thread Spec.      | B        | Thread Spec.      | C      |
|----------------|----------|-------------------|----------|-------------------|--------|
| 1141           | 13/16"   | 1/2"-14 NPS       | 1/2"     | 3/8"-18 NPS       | 17/32" |
| 1142           | 1-1/64"  | 3/4"-14 NPS       | 39/64"   | 1/2"-14 NPS       | 9/16"  |
| 1143           | 1-9/32"  | 1"-11-1/2 NPS     | 39/64"   | 1/2"-14 NPS       | 5/8"   |
| 1144           | 1-9/32"  | 1"-11-1/2 NPS     | 13/16"   | 3/4"-14 NPS       | 5/8"   |
| 1145           | 1-5/8"   | 1-1/4"-11-1/2 NPS | 39/64"   | 1/2"-14 NPS       | 11/16" |
| 1146           | 1-5/8"   | 1-1/4"-11-1/2 NPS | 13/16"   | 3/4"-14 NPS       | 11/16" |
| 1147           | 1-5/8"   | 1-1/4"-11-1/2 NPS | 1-3/64"  | 1"-11-1/2 NPS     | 11/16" |
| 1148           | 1-7/8"   | 1-1/2"-11-1/2 NPS | 39/64"   | 1/2"-14 NPS       | 23/32" |
| 1149           | 1-7/8"   | 1-1/2"-11-1/2 NPS | 13/16"   | 3/4"-14 NPS       | 23/32" |
| 1150           | 1-7/8"   | 1-1/2"-11-1/2 NPS | 1-3/64"  | 1"-11-1/2 NPS     | 23/32" |
| 1151           | 1-7/8"   | 1-1/2"-11-1/2 NPS | 1-11/32" | 1-1/4"-11-1/2 NPS | 23/32" |
| 1152           | 2-21/64" | 2"-11-1/2 NPS     | 39/64"   | 1/2"-14 NPS       | 27/32" |
| 1153           | 2-21/64" | 2"-11-1/2 NPS     | 1-13/16" | 3/4"-14 NPS       | 27/32" |
| 1154           | 2-21/64" | 2"-11-1/2 NPS     | 1-3/64"  | 1"-11-1/2 NPS     | 27/32" |
| 1155           | 2-21/64" | 2"-11-1/2 NPS     | 1-11/32" | 1-1/4"-11-1/2 NPS | 27/32" |
| 1156           | 2-21/64" | 2"-11-1/2 NPS     | 1-19/32" | 1-1/2"-11-1/2 NPS | 27/32" |

A = O.D./thread size

B = Throat I.D./thread size

C = Thickness

## Rigid Reducing Bushings

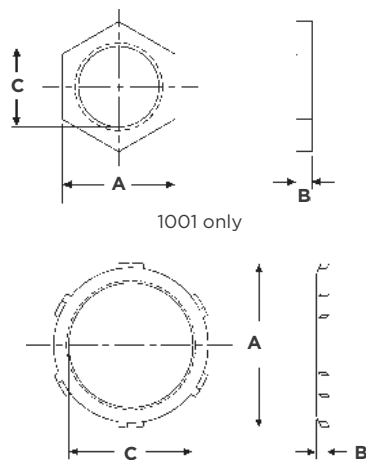


**Reducing Bushings**

| Catalog Number | A       | Thread Spec.  | B       | Thread Spec.      |
|----------------|---------|---------------|---------|-------------------|
| 1160           | 2-7/8"  | 2-1/2"- 8 NPT | 1-5/16" | 1-1/4"-11-1/2 NPT |
| 1161           | 2-7/8"  | 2-1/2"- 8 NPT | 1-5/16" | 1-1/2"-11-1/2 NPT |
| 1162           | 2-7/8"  | 2-1/2"- 8 NPT | 1-5/16" | 2"-11-1/2 NPT     |
| 1168           | 3-7/16" | 3"- 8 NPT     | 1-5/16" | 2"-11-1/2 NPT     |
| 1169           | 3-7/16" | 3"- 8 NPT     | 1-9/16" | 2-1/2"- 8 NPT     |
| 1175           | 4"      | 3-1/2"- 8 NPT | 1-1/2"  | 2"-11-1/2 NPT     |
| 1176           | 4"      | 3-1/2"- 8 NPT | 1-9/16" | 2-1/2"- 8 NPT     |
| 1177           | 4"      | 3-1/2"- 8 NPT | 1-5/8"  | 3"- 8 NPT         |
| 1185           | 4-7/16" | 4"- 8 NPT     | 1-9/16" | 3"- 8 NPT         |
| 1186           | 4-7/16" | 4"- 8 NPT     | 1-3/4"  | 3-1/2"- 8 NPT     |

A = O.D./thread size  
B = Thickness

## Rigid Locknuts



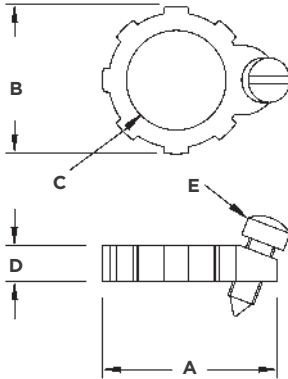
**Locknuts**

| Catalog Number | A      | B      | C            |
|----------------|--------|--------|--------------|
| 1001           | 0.850" | 0.125" | 3/8" - 18    |
| 1002           | 1.130" | 0.125" | 1/2"-14      |
| 1003           | 1.390" | 0.125" | 3/4"-14      |
| 1004           | 1.705" | 0.170" | 1"- 11.5     |
| 1005           | 2.065" | 0.170" | 1-1/4"- 11.5 |
| 1006           | 2.360" | 0.170" | 1-1/2"- 11.5 |
| 1008           | 2.860" | 0.170" | 2" - 11.5    |
| 1010           | 3.430" | 0.170" | 2-1/2" - 8   |
| 1012           | 4.110" | 0.170" | 3" - 8       |
| 1014           | 4.690" | 0.170" | 3-1/2" - 8   |
| 1016           | 5.265" | 0.170" | 4" - 8       |
| 1020           | 6.530" | 0.314" | 5" - 8       |
| 1024           | 7.850" | 0.314" | 6" - 8       |

**Non-UL Locknuts**

| Catalog Number | A     | B      | C            |
|----------------|-------|--------|--------------|
| 1192           | 1.13" | 0.098" | 1/2"-14      |
| 1193           | 1.39" | 0.098" | 3/4"-14      |
| 1194           | 1.70" | 0.125" | 1"- 11.5     |
| 1195           | 2.06" | 0.125" | 1-1/4"- 11.5 |
| 1196           | 2.36" | 0.125" | 1-1/2"- 11.5 |
| 1198           | 2.86" | 0.125" | 2"- 11.5     |
| 1197           | 3.43" | 0.170" | 2-1/2"- 8    |
| 1199           | 4.11" | 0.170" | 3"- 8        |
| 1200           | 4.69" | 0.170" | 3-1/2"- 8    |
| 1201           | 5.26" | 0.170" | 4"- 8        |
| 1219           | 6.53" | 0.314" | 5"- 8        |
| 1220           | 7.85" | 0.314" | 6"- 8        |

## Rigid Locknuts

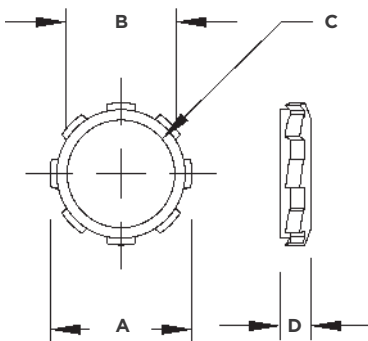


### Bonding Locknuts

| Catalog Number | A     | B     | C Thread Spec.    | D    | E             |
|----------------|-------|-------|-------------------|------|---------------|
| 1242           | 1.35" | 1.04" | 1/2"-14 NPT       | .20" | 6-32 x 1/2"   |
| 1243           | 1.58" | 1.29" | 3/4"-14 NPT       | .20" | 6-32 x 1/2"   |
| 1244           | 1.88" | 1.59" | 1"-11-1/2 NPT     | .22" | 6-32 x 1/2"   |
| 1245           | 2.30" | 1.95" | 1-1/4"-11-1/2 NPT | .23" | 8-24 x 1/2"   |
| 1246           | 2.60" | 2.23" | 1-1/2"-11-1/2 NPT | .23" | 8-24 x 1/2"   |
| 1248           | 3.09" | 2.73" | 2"-11-1/2 NPT     | .26" | 8-24 x 1/2"   |
| 1250           | 3.52" | 3.31" | 2-1/2"- 8 NPT     | .45" | 8-24 x 31/32" |
| 1252           | 4.19" | 4.00" | 3"- 8 NPT         | .45" | 8-24 x 31/32" |
| 1254           | 4.74" | 4.52" | 3-1/2"- 8 NPT     | .45" | 8-24 x 31/32" |
| 1256           | 5.39" | 5.05" | 4"- 8 NPT         | .45" | 8-24 x 31/32" |

A = Overall length  
B = O.D.  
C = Thread size

D = Thickness  
E = Screw spec



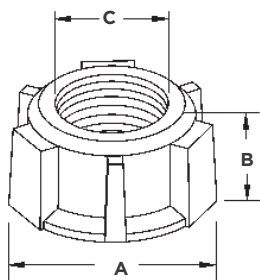
### Sealing Locknuts

| Catalog Number | A        | B        | C Thread Spec.    | D      |
|----------------|----------|----------|-------------------|--------|
| 1202           | 1-9/64"  | 25/32"   | 1/2"-14 NPT       | 7/32"  |
| 1203           | 1-25/64" | 63/64"   | 3/4"-14 NPT       | 15/64" |
| 1204           | 1-23/32" | 1-17/64" | 1"-11-1/2 NPT     | 1/4"   |
| 1205           | 2-5/64"  | 1-37/64" | 1-1/4"-11-1/2 NPT | 9/32"  |
| 1206           | 2-3/8"   | 1-13/16" | 1-1/2"-11-1/2 NPT | 19/64" |
| 1208           | 2-29/32" | 2-5/16"  | 2"-11-1/2 NPT     | 19/64" |
| 1207           | 3-15/32" | 2-51/64" | 2-1/2"- 8 NPT     | 5/16"  |
| 1209           | 4-3/16"  | 3-27/64" | 3"- 8 NPT         | 3/8"   |
| 1210           | 4-11/16" | 3-15/16" | 3-1/2"- 8 NPT     | 3/8"   |
| 1211           | 5-9/32"  | 4-13/32" | 4"- 8 NPT         | 3/8"   |

A = O.D.  
B = I.D.

C = Thread size  
D = Thickness

## Rigid Bushings

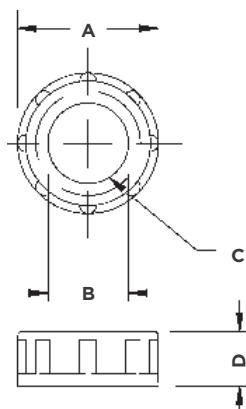


## Bushings

| Catalog Number | A        | B      | C<br>Throat Dia. |
|----------------|----------|--------|------------------|
| 1102RAC        | 1-5/32"  | 9/16"  | 5/8"             |
| 1103           | 1-13/32" | 9-16"  | 53/64"           |
| 1104           | 1-3/4"   | 21/32" | 1-1/32"          |
| 1105           | 2-1/8"   | 21/32" | 1"               |
| 1106           | 2-11/32" | 23/32" | 1-39/64"         |
| 1108           | 2-23/32" | 23/32" | 2-3/64"          |
| 1110           | 3-9/32"  | 15/16" | 2-29/64"         |
| 1112           | 3-7/8"   | 15/16" | 3-3/64"          |
| 1114           | 4-13/32" | 15/16" | 3-17/32"         |
| 1116           | 4-29/32" | 15/16" | 4-1/16"          |

A = O.D.  
B = Thickness

C = I.D.

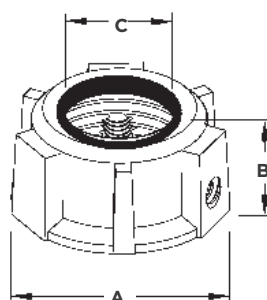


## Insulating Bushings

| Catalog Number | A        | B        | C<br>Thread Spec. | D      |
|----------------|----------|----------|-------------------|--------|
| 1402           | 1-1/16"  | 19/32"   | 1/2"-14 NPT       | 23/64" |
| 1403           | 1-19/64" | 25/32"   | 3/4"-14 NPT       | 13/32" |
| 1404           | 1-5/8"   | 1"       | 1"-11-1/2 NPT     | 31/64" |
| 1405           | 1-61/64" | 1-9/64"  | 1-1/4"-11-1/2 NPT | 31/64" |
| 1406           | 2-3/16"  | 1-33/64" | 1-1/2"-11-1/2 NPT | 31/64" |
| 1408           | 2-41/64" | 1-61/64" | 2"-11-1/2 NPT     | 35/64" |
| 1410           | 3-1/4"   | 2-21/64" | 2-1/2"- 8 NPT     | 5/8"   |
| 1412           | 3-29/32" | 2-29/32" | 3"- 8 NPT         | 11/16" |
| 1414           | 4-13/32" | 3-11/32" | 3-1/2"- 8 NPT     | 11/16" |
| 1416           | 4-15/16" | 3-53/64" | 4"- 8 NPT         | 11/16" |
| 1420           | 5-63/64" | 4-15/16" | 5"- 8 NPT         | 49/64" |
| 1424           | 7-1/16"  | 5-15/16" | 6"- 8 NPT         | 49/64" |

A = O.D.  
B = I.D.

C = Thread size  
D = Thickness



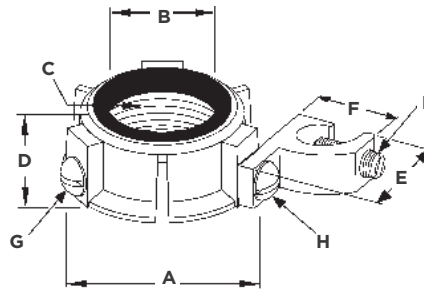
## Insulated Bushings

| Catalog Number | A        | B      | C<br>Throat Dia. |
|----------------|----------|--------|------------------|
| 1132           | 1-5/32"  | 9/16"  | 37/64"           |
| 1133           | 1-13/32" | 9/16"  | 49/64"           |
| 1134           | 1-3/4"   | 21/32" | 31/32"           |
| 1135           | 2-1/8"   | 21/32" | 1-9/32"          |
| 1136           | 2-11/32" | 23/32" | 1-1/2"           |
| 1138           | 2-23/32" | 23/32" | 1-61/64"         |
| 1126           | 3-9/32"  | 15/16" | 2-19/64"         |
| 1127           | 3-7/8"   | 15/16" | 2-29/32"         |
| 1128           | 4-13/32" | 15/16" | 3-3/8"           |
| 1129           | 4-29/32" | 15/16" | 3-55/64"         |

A = O.D.  
B = Thickness

C = I.D.

## Rigid Insulated Grounding Bushings



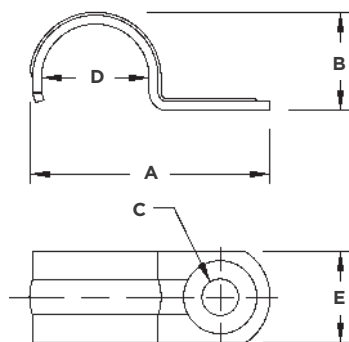
### 150° Insulated Grounding Bushings

| Catalog Number       | A        | B      | C                 | D        | E        | F      | G<br>Set Screw  | H<br>Pan Head Screw | I<br>Set Screw   |
|----------------------|----------|--------|-------------------|----------|----------|--------|-----------------|---------------------|------------------|
| <b>Lay-in Lug</b>    |          |        |                   |          |          |        |                 |                     |                  |
| <b>1212</b>          | 1-5/32"  | 9/16"  | 1/2"-14 NPS       | 37/64"   | 1-1/16"  | 3/8"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 5/8"     |
| <b>1213</b>          | 1-13/32" | 9/16"  | 3/4"-14 NPS       | 3/4"     | 1-1/16"  | 3/8"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 5/8"     |
| <b>1214</b>          | 1-3/4"   | 21/32" | 1"-11-1/2 NPS     | 31/32"   | 1-1/16"  | 3/8"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 5/8"     |
| <b>1215</b>          | 2-1/8"   | 21/32" | 1-1/4"-11-1/2 NPS | 1-9/32"  | 1-1/16"  | 3/8"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 5/8"     |
| <b>1216</b>          | 2-11/32" | 23/32" | 1-1/2"-11-1/2 NPS | 1-1/2"   | 1-1/16"  | 3/8"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 5/8"     |
| <b>1218</b>          | 2-23/32" | 23/32" | 2"-11-1/2 NPS     | 1-61/64" | 1-1/16"  | 3/8"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 5/8"     |
| <b>1290</b>          | 3-9/32"  | 15/16" | 2-1/2"- 8 NPS     | 2-19/64" | 1-1/2"   | 19/32" | 10-32 x 5/16"   | 1/4-20 x 3/8"       | 3/8-24 x 7/8"    |
| <b>1292RAC</b>       | 3-7/8"   | 15/16" | 3"- 8 NPS         | 2-29/32" | 1-1/2"   | 19/32" | 10-32 x 5/16"   | 1/4-20 x 3/8"       | 3/8-24 x 7/8"    |
| <b>1294</b>          | 4-13/32" | 15/16" | 3-1/2"- 8 NPS     | 3-3/8"   | 2-13/64" | 51/64" | 5/16-24 x 3/8"  | 5/16-24 x 17/32"    | 9/16-18 x 1-1/4" |
| <b>1296</b>          | 4-29/32" | 15/16" | 4"- 8 NPS         | 3-55/64" | 2-13/64" | 51/64" | 5/16-24 x 7/16" | 5/16-24 x 17/32"    | 9/16-18 x 1-1/4" |
| <b>1262DC</b>        | 1-5/32"  | 9/16"  | 1/2"-14 NPS       | 37/64"   | 1-1/16"  | 3/8"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 5/8"     |
| <b>1263DC</b>        | 1-13/32" | 9/16"  | 3/4"-14 NPS       | 3/4"     | 1-1/16"  | 3/8"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 5/8"     |
| <b>1264DC</b>        | 1-3/4"   | 21/32" | 1"-11-1/2 NPS     | 31/32"   | 1-1/16"  | 3/8"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 5/8"     |
| <b>Feed-thru Lug</b> |          |        |                   |          |          |        |                 |                     |                  |
| <b>1222</b>          | 1-5/32"  | 9/16"  | 1/2"-14 NPS       | 37/64"   | 1-1/16"  | 1/2"   | 10-32 x 1/4"    | 10-32 x 7/32"       | 14-28 x 3/8"     |
| <b>1223</b>          | 1-13/32" | 9/16"  | 3/4"-14 NPS       | 49/64"   | 1-1/16"  | 1/2"   | 10-32 x 1/4"    | 10-32 x 7/32"       | 14-28 x 3/8"     |
| <b>1224</b>          | 1-3/4"   | 21/32" | 1"-11-1/2 NPS     | 31/32"   | 1-1/16"  | 1/2"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 3/8"     |
| <b>1225</b>          | 2-1/8"   | 21/32" | 1-1/4"-11-1/2 NPS | 1-9/32"  | 1-1/16"  | 1/2"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 3/8"     |
| <b>1226</b>          | 2-11/32" | 23/32" | 1-1/2"-11-1/2 NPS | 1-1/2"   | 1-1/16"  | 1/2"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 3/8"     |
| <b>1228</b>          | 2-23/32" | 23/32" | 2"-11-1/2 NPS     | 1-61/64" | 1-1/16"  | 1/2"   | 10-32 x 1/4"    | 10-32 x 1/4"        | 14-28 x 3/8"     |
| <b>1230</b>          | 3-9/32"  | 15/16" | 2-1/2"- 8 NPS     | 2-19/64" | 1-15/32" | 5/8"   | 5/16-24 x 3/8"  | 5/16-24 x 3/8"      | 7/16-20 x 3/8"   |
| <b>1232RAC</b>       | 3-7/8"   | 15/16" | 3"- 8 NPS         | 2-29/32" | 1-15/32" | 5/8"   | 5/16-24 x 3/8"  | 5/16-24 x 3/8"      | 7/16-20 x 3/8"   |
| <b>1234</b>          | 4-13/32" | 15/16" | 3-1/2"- 8 NPS     | 3-3/8"   | 1-3/4"   | 27-32" | 5/16-24 x 3/8"  | 5/16-24 x 27/64"    | 5/8-18 x 11/16"  |
| <b>1236</b>          | 4-29/32" | 15/16" | 4"- 8 NPS         | 3-55/64" | 1-3/4"   | 27-32" | 5/16-24 x 7/16" | 5/16-24 x 27/64"    | 5/8-18 x 11/16"  |

A = O.D.  
B = I.D.  
C = Thread size  
D = Thickness  
E = Height of lug

F = Width of lug  
G = Screw spec, bonding screw  
H = Screw spec, screw that holds lug to bushing  
I = Screw spec, screw that holds ground wire

## Rigid Straps



## One-Hole Push-on Straps

| Catalog Number | A        | B       | C      | D        | E      |
|----------------|----------|---------|--------|----------|--------|
| 1332           | 1-59/64" | 7/8"    | 9/32"  | 55/64"   | 7/8"   |
| 1333           | 2-5/16"  | 1-3/32" | 9/32"  | 1-1/16"  | 3/4"   |
| 1334           | 2-11/16" | 1-1/4"  | 9/32"  | 1-5/16"  | 3/4"   |
| 1335           | 3-1/8"   | 1-5/8"  | 11/32" | 1-5/8"   | 7/8"   |
| 1336           | 3-27/32" | 1-7/8"  | 13/32" | 1-15/16" | 7/8"   |
| 1338           | 4-9/16"  | 2-7/16" | 13/32" | 2-3/8"   | 7/8"   |
| 1337           | 5-5/16"  | 3"      | 21/32" | 2-7/8"   | 1-1/4" |
| 1339           | 6-1/16"  | 3-9/16" | 21/32" | 3-1/2"   | 1-1/4" |
| 1340           | 6-7/8"   | 3-7/8"  | 21/32" | 4"       | 1-1/4" |
| 1341           | 7-3/8"   | 4-1/4"  | 21/32" | 4-1/2"   | 1-1/4" |

## One-Hole Straps

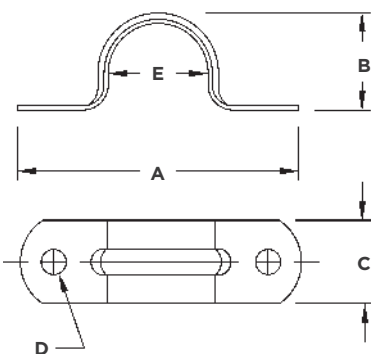
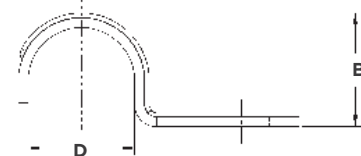
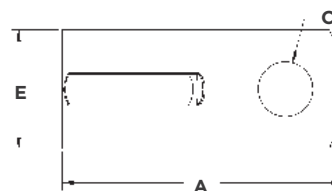
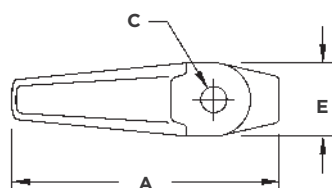
| Catalog Number | A        | B        | C      | D        | E        |
|----------------|----------|----------|--------|----------|----------|
| 1301           | 1-7/8"   | 25/32"   | 11/32" | 11/16"   | 21/32"   |
| 1302           | 2-1/64"  | 31/32"   | 9/32"  | 27/32"   | 5/8"     |
| 1303           | 2-7/32"  | 1-1/32"  | 5/16"  | 1-1/16"  | 3/4"     |
| 1304           | 2-23/32" | 1-5/16"  | 23/64" | 1-5/16"  | 29/32"   |
| 1305           | 3-1/32"  | 1-25/32" | 13/32" | 1-21/32" | 51/64"   |
| 1306           | 3-27/32" | 2-5/64"  | 27/64" | 1-29/32" | 1-1/16"  |
| 1308           | 4-1/2"   | 2-35/64" | 9/16"  | 2-3/8"   | 1-13/32" |
| 1310           | 5-3/8"   | 3-1/32"  | 35/64" | 2-7/8"   | 1-5/16"  |
| 1312           | 6-39/64" | 3-25/32" | 9/16"  | 3-1/2"   | 1-31/64" |
| 1314           | 7-7/8"   | 4-13/32" | 45/64" | 4"       | 2"       |
| 1316           | 8-15/64" | 4-27/32" | 3/4"   | 4-1/2"   | 2"       |

## One-Hole Straps

| Catalog Number | A      | B     | C     | D     | E     |
|----------------|--------|-------|-------|-------|-------|
| 2081           | 1.347" | .545" | .262" | .512" | .570" |

A = Overall length  
B = Height  
C = Hole size

D = Diameter  
E = Width of strap



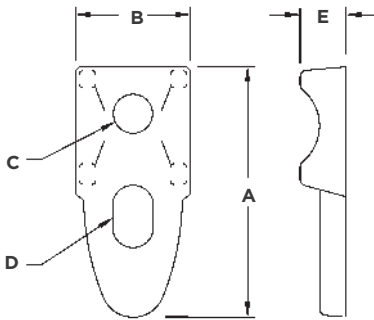
## Two-Hole Straps

| Catalog Number | A         | B        | C      | D      | E        |
|----------------|-----------|----------|--------|--------|----------|
| 2232           | 2-9/16"   | 7/8"     | 19/32" | 3/16"  | 13/16"   |
| 2233           | 2-3/8"    | 1-1/8"   | 19/32" | 3/16"  | 1-1/16"  |
| 2234           | 2-15/16"  | 1-31/32" | 23/32" | 1/4"   | 1-5/16"  |
| 2235           | 3-3/4"    | 1-11/16" | 23/32" | 1/4"   | 1-21/32" |
| 2236           | 4-1/8"    | 1-7/8"   | 23/32" | 1/4"   | 1-7/8"   |
| 2238           | 5"        | 2-7/16"  | 23/32" | 17/64" | 2-3/8"   |
| 2239           | 5-3/4"    | 3-1/8"   | 1"     | 5/16"  | 2-7/8"   |
| 2240           | 6-23/32"  | 3-11/16" | 1"     | 5/16"  | 3-35/64" |
| 2241           | 7-1/2"    | 3-15/16" | 1"     | 5/16"  | 4-3/64"  |
| 2242           | 7-7/8"    | 4-11/16" | 1"     | 5/16"  | 4-35/64" |
| 2245-2         | 10-11/16" | 5-43/64" | 1-1/4" | 21/32" | 5-49/64" |

A = Overall length  
B = Overall height  
C = Strap width

D = Hole diameter  
E = Diameter

## Rigid Clamp Backs



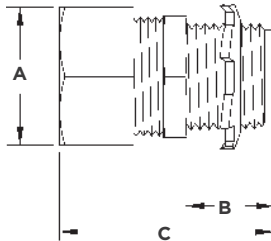
**Clamp Backs**

| Catalog Number | A        | B        | C      | D                 | E       |
|----------------|----------|----------|--------|-------------------|---------|
| 1342           | 2-19/64" | 1-1/32"  | 23/64" | 3/8" x 9/16"      | 27/64"  |
| 1343           | 2-7/16"  | 1-11/64" | 29/64" | 27/64" x 21/32"   | 29/64"  |
| 1344           | 3-1/64"  | 1-17/64" | 3/8"   | 33/64" x 23/32"   | 17/32"  |
| 1345           | 3-17/32" | 1-19/32" | 19/32" | 1/2" x 47/64"     | 35/64"  |
| 1346           | 3-29/32" | 1-39/64" | 9/16"  | 9/16" x 15/16"    | 1/2"    |
| 1348           | 4-27/32" | 1-63/64" | 9/16"  | 37/64" x 25/32"   | 59/64"  |
| 1347           | 5-3/4"   | 2-13/32" | 37/64" | 39/64" x 1-1/4"   | 53/64"  |
| 1349           | 6-47/64" | 2-5/8"   | 33/64" | 19/32" x 1-15/64" | 27/32"  |
| 1350           | 7-21/32" | 3-17/64" | 19/32" | 43/64" x 1-7/64"  | 61/64"  |
| 1351           | 8-5/64"  | 3-7/16"  | 33/64" | 7/8" x 1-19/64"   | 1-1/32" |

A = Overall length  
B = Width  
C = Hole diameter

D = Slot size  
E = Height

## Liquidtight Conduit and Cord Connectors

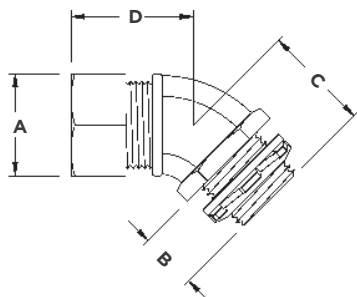


**Straight Connectors**

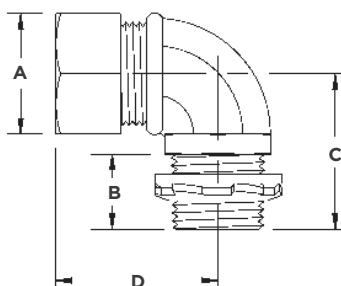
| Insulated Catalog No. | Uninsulated Catalog No. | A        | B       | Thread Spec.      | C        |
|-----------------------|-------------------------|----------|---------|-------------------|----------|
| 3511RAC               | —                       | 1-1/16"  | 1/2"    | 1/2"-14 NPT       | 1-29/64" |
| —                     | 3401                    | 1-1/16"  | 1/2"    | 1/2"-14 NPT       | 1-29/64" |
| —                     | 3401-8                  | 1-1/16"  | 1/2"    | 1/2"-14 NPT       | 1-29/64" |
| 3512RAC               | 3402                    | 1-3/16"  | 1/2"    | 1/2"-14 NPT       | 1-15/32" |
| 3512-8                | 3402-8                  | 1-3/16"  | 1/2"    | 1/2"-14 NPT       | 1-15/32" |
| 3513RAC               | 3403                    | 1-13/32" | 9/16"   | 3/4"-14 NPT       | 1-31/64" |
| 3513-8                | 3403-8                  | 1-13/32" | 9/16"   | 3/4"-14 NPT       | 1-31/64" |
| 3514RAC               | 3404                    | 1-45/64" | 19/32"  | 1"-11-1/2 NPT     | 1-51/64" |
| 3514-8                | 3404-8                  | 1-45/64" | 19/32"  | 1"-11-1/2 NPT     | 1-51/64" |
| 3515RAC               | 3405                    | 2-3/16"  | 43/64"  | 1-1/4"-11-1/2 NPT | 1-7/8"   |
| 3516                  | 3406                    | 2-13/32" | 47/64"  | 1-1/2"-11-1/2 NPT | 2-11/64" |
| 3518                  | 3408                    | 3-1/32"  | 21/32"  | 2"-11-1/2 NPT     | 2-9/32"  |
| 3520                  | 3410                    | 3-5/8"   | 1"      | 2-1/2" - 8 NPT    | 3-5/16"  |
| 3522                  | 3412                    | 3-3/8"   | 1-3/64" | 3" - 8 NPT        | 3-1/2"   |
| 3524                  | 3414                    | 3-31/32" | 1-1/8"  | 3-1/2" - 8 NPT    | 3-5/8"   |
| 3526                  | 3416                    | 5-35/64" | 1-5/32" | 4" - 8 NPT        | 3-5/8"   |

A = Nut Flats  
B = Thread length and thread spec.  
C = Overall Length

## Liquidtight Conduit and Cord Connectors

**45° Connectors**

| Insulated Catalog No. | Uninsulated Catalog No. | A        | B      | Thread Spec.      | C        | D        |
|-----------------------|-------------------------|----------|--------|-------------------|----------|----------|
| 3561                  | 3441                    | 1-1/16"  | 17/32" | 1/2"-14 NPT       | 1-3/8"   | 1-1/32"  |
| 3562                  | 3442                    | 1-3/16"  | 9/16"  | 1/2"-14 NPT       | 1-1/4"   | 1-1/16"  |
| 3563                  | 3443                    | 1-13/32" | 19/32" | 3/4"-14 NPT       | 1-21/32" | 1-3/16"  |
| 3564                  | 3444                    | 1-45/64" | 5/8"   | 1"-11-1/2 NPT     | 1-21/32" | 1-13/32" |
| 3565                  | 3445                    | 2-3/16"  | 23/32" | 1-1/4"-11-1/2 NPT | 1-13/16" | 1-1/2"   |
| 3566                  | 3446                    | 2-3/8"   | 47/64" | 1-1/2"-11-1/2 NPT | 2"       | 1-9/16"  |
| 3568                  | 3448                    | 3-1/32"  | 49/64" | 2"-11-1/2 NPT     | 2-3/8"   | 1-3/4"   |

**90° Connectors**

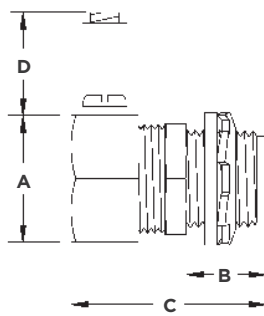
| Insulated Catalog No. | Uninsulated Catalog No. | A        | B       | Thread Spec.      | C        | D       |
|-----------------------|-------------------------|----------|---------|-------------------|----------|---------|
| 3541RAC               | 3421                    | 1-3/64"  | 35/64"  | 1/2"-14 NPT       | 1-3/8"   | 1-7/16" |
| —                     | 3421-8                  | 1-3/64"  | 35/64"  | 1/2"-14 NPT       | 1-3/8"   | 1-7/16" |
| 3542                  | 3422                    | 1-11/64" | 9/16"   | 1/2"-14 NPT       | 1-13/32" | 1-5/8"  |
| 3542-8                | 3422-8                  | 1-11/64" | 9/16"   | 1/2"-14 NPT       | 1-13/32" | 1-5/8"  |
| 3543                  | 3423                    | 1-13/32" | 37/64"  | 3/4"-14 NPT       | 1-5/8"   | 1-7/8"  |
| 3543-8                | 3423-8                  | 1-13/32" | 37/64"  | 3/4"-14 NPT       | 1-5/8"   | 1-7/8"  |
| 3544                  | 3424                    | 1-45/64" | 41/64"  | 1"-11-1/2 NPT     | 1-15/16" | 2-1/8"  |
| 3544-8                | 3424-8                  | 1-45/64" | 41/64"  | 1"-11-1/2 NPT     | 1-15/16" | 2-1/8"  |
| 3545                  | 3425                    | 2-3/16"  | 21/32"  | 1-1/4"-11-1/2 NPT | 2-1/64"  | 2-1/4"  |
| 3546                  | 3426                    | 2-13/32" | 49/64"  | 1-1/2"-11-1/2 NPT | 2-1/4"   | 2-5/8"  |
| 3548                  | 3428                    | 3-1/32"  | 3/4"    | 2"-11-1/2 NPT     | 2-15/32" | 3"      |
| 3550                  | 3430                    | 3-45/64" | 1-1/32" | 2-1/2"- 8 NPT     | 3-11/32" | 5"      |
| 3552                  | 3432                    | 4-13/32" | 1-1/16" | 3"- 8 NPT         | 4-25/32" | 5-7/16" |
| 3556                  | 3436                    | 5-17/32" | 1-3/16" | 4"- 8 NPT         | 5-15/64" | 6"      |

A = Nut Flats

B = Thread length and thread spec.

C = Thread to bend

D = Nut to bend

**Straight Connectors with Ground Lug**

| Insulated Catalog No. | A        | B       | Thread Spec.      | C        | D        |
|-----------------------|----------|---------|-------------------|----------|----------|
| 3511-3                | 1-1/16"  | 1/2"    | 1/2"-14 NPT       | 1-29/64" | 25/32"   |
| 3512-3                | 1-3/16"  | 1/2"    | 1/2"-14 NPT       | 1-15/32" | 25/32"   |
| 3513-3                | 1-13/32" | 9/16"   | 3/4"-14 NPT       | 1-31/64" | 25/32"   |
| 3514-3                | 1-45/64" | 19/32"  | 1"-11-1/2 NPT     | 1-51/64" | 25/32"   |
| 3515-3                | 2-3/16"  | 43/64"  | 1-1/4"-11-1/2 NPT | 1-7/8"   | 25/32"   |
| 3516-3                | 2-13/32" | 47/64"  | 1-1/2"-11-1/2 NPT | 2-11/64" | 25/32"   |
| 3518-3                | 3-1/32"  | 21/32"  | 2"-11-1/2 NPT     | 2-9/32"  | 25/32"   |
| 3520-3                | 3-5/8"   | 1"      | 2-1/2"- 8 NPT     | 3-5/16"  | 1-11/64" |
| 3522-3                | 3-3/8"   | 1-3/64" | 3"- 8 NPT         | 3-1/2"   | 1-11/64" |
| 3524-3                | 3-31/32" | 1-1/8"  | 3-1/2"- 8 NPT     | 3-5/8"   | 1-13/16" |
| 3526-3                | 5-35/64" | 1-5/32" | 4"- 8 NPT         | 3-5/8"   | 1-13/16" |

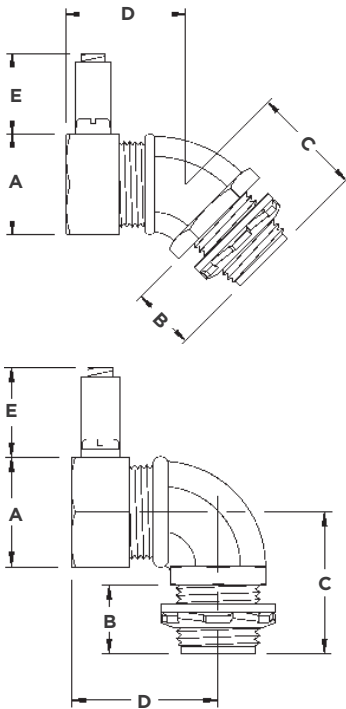
A = Nut Flats

B = Thread length and thread spec.

C = Overall length

D = Lug height

## Liquidtight Conduit and Cord Connectors



### 45° Insulated Connectors with Ground Lug

| Uninsulated Catalog No. | A        | B      | Thread Spec.      | C        | D        | E      |
|-------------------------|----------|--------|-------------------|----------|----------|--------|
| 3561-3                  | 1-1/16"  | 17/32" | 1/2"-14 NPT       | 1-3/8"   | 1-1/32"  | 25/32" |
| 3562-3                  | 1-3/16"  | 9/16"  | 1/2"-14 NPT       | 1-1/4"   | 1-1/16"  | 25/32" |
| 3563-3                  | 1-13/32" | 19/32" | 3/4"-14 NPT       | 1-21/32" | 1-3/16"  | 25/32" |
| 3564-4                  | 1-45/64" | 5/8"   | 1"-11-1/2 NPT     | 1-21/32" | 1-13/32" | 25/32" |
| 3565-3                  | 2-3/16"  | 23/32" | 1-1/4"-11-1/2 NPT | 1-13/16" | 1-1/2"   | 25/32" |
| 3566-3                  | 2-3/8"   | 47/64" | 1-1/2"-11-1/2 NPT | 2"       | 1-9/16"  | 25/32" |
| 3568-3                  | 3-1/32"  | 49/64" | 2"-11-1/2 NPT     | 2-3/8"   | 1-3/4"   | 25/32" |

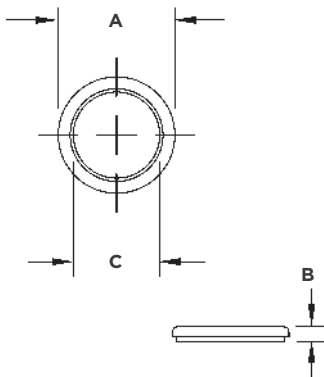
### 90° Insulated Connectors with Ground Lug

| Insulated Catalog No. | A        | B       | Thread Spec.      | C        | D       | E        |
|-----------------------|----------|---------|-------------------|----------|---------|----------|
| 3541-3                | 1-3/64"  | 35/64"  | 1/2"-14 NPT       | 1-3/8"   | 1-7/16" | 25/32"   |
| 3542-3                | 1-11/64" | 9/16"   | 1/2"-14 NPT       | 1-13/32" | 1-5/8"  | 25/32"   |
| 3543-3                | 1-13/32" | 37/64"  | 3/4"-14 NPT       | 1-5/8"   | 1-7/8"  | 25/32"   |
| 3544-3                | 1-45/64" | 41/64"  | 1"-11-1/2 NPT     | 1-15/16" | 2-1/8"  | 25/32"   |
| 3545-3                | 2-3/16"  | 21/32"  | 1-1/4"-11-1/2 NPT | 2-1/64"  | 2-1/4"  | 25/32"   |
| 3546-3                | 2-13/32" | 49/64"  | 1-1/2"-11-1/2 NPT | 2-1/4"   | 2-5/8"  | 25/32"   |
| 3548-3                | 3-1/32"  | 3/4"    | 2"-11-1/2 NPT     | 2-15/32" | 3"      | 25/32"   |
| 3550-3                | 3-45/64" | 1-1/32" | 2-1/2"- 8 NPT     | 3-11/32" | 5"      | 1-11/64" |
| 3552-3                | 4-13/32" | 1-1/16" | 3"- 8 NPT         | 4-25/32" | 5-7/16" | 1-11/64" |
| 3556-3                | 5-17/32" | 1-3/16" | 4"- 8 NPT         | 5-15/64" | 6"      | 1-13/64" |

A = Nut Flats  
B = Thread length and thread spec.  
C = Thread to bend

D = Nut to bend  
E = Lug height

## Sealing Washers

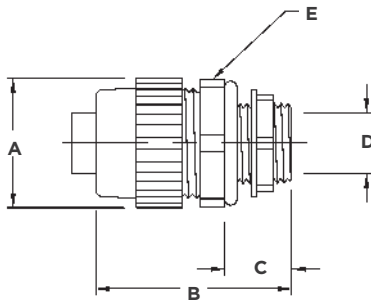


### Sealing Washers - Steel

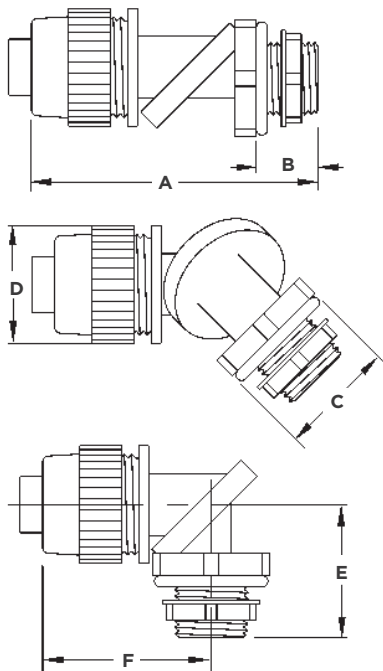
| Catalog Number | A        | B      | C        |
|----------------|----------|--------|----------|
| 2452           | 1-5/64"  | 5/64"  | 51/64"   |
| 2452-8         | 1-5/64"  | 5/64"  | 51/64"   |
| 2453           | 1-11/32" | 5/32"  | 1"       |
| 2453-8         | 1-11/32" | 5/32"  | 1"       |
| 2454           | 1-5/8"   | 11/64" | 1-1/4"   |
| 2454-8         | 1-5/8"   | 11/64" | 1-1/4"   |
| 2455           | 2"       | 11/64" | 1-39/64" |
| 2456           | 2-23/64" | 3/16"  | 1-27/32" |
| 2458           | 2-53/64" | 3/16"  | 2-5/16"  |

A = O.D.  
B = Thickness  
C = I.D.

## Liquidtight Conduit and Cord Connectors

**Straight Connectors - Nylon - For Type B Conduit**

| Catalog Number | A     | B     | C    | D     | E     |       |
|----------------|-------|-------|------|-------|-------|-------|
|                |       |       |      |       | A/C*  | A/F** |
| 4721           | 1.14" | 1.63" | .57" | .42"  | 1.41" | 1.30" |
| 4722           | 1.30" | 2.14" | .57" | .55"  | 1.41" | 1.30" |
| 4722-8         | 1.30" | 2.14" | .57" | .55"  | 1.41" | 1.30" |
| 4723           | 1.53" | 2.22" | .58" | .74"  | 1.85" | 1.53" |
| 4723-8         | 1.53" | 2.22" | .58" | .74"  | 1.85" | 1.53" |
| 4724           | 1.80" | 2.32" | .72" | .96"  | 1.94" | 1.80" |
| 4725           | 2.20" | 2.15" | .74" | 1.30" | 2.38" | 2.18" |
| 4726           | 2.49" | 2.35" | .76" | 1.46" | 2.63" | 2.43" |
| 4728           | 3.05" | 2.51" | .79" | 1.90" | 3.13" | 2.93" |

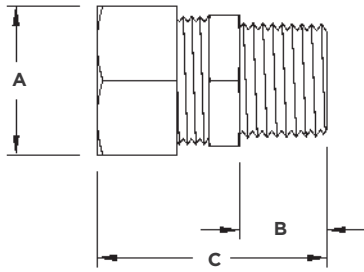
**Multi Position Connectors - Nylon - For Extra Flexible Tubing**

| Catalog Number | A     | B    | C     |       | D     | E     | F     |
|----------------|-------|------|-------|-------|-------|-------|-------|
|                |       |      | A/C*  | A/F** |       |       |       |
| 4731           | 3.27" | .57" | 1.41" | 1.30" | 1.30" | 1.43" | 2.00" |
| 4732           | 3.27" | .57" | 1.41" | 1.30" | 1.30" | 1.43" | 2.00" |
| 4732-8         | 3.27" | .57" | 1.41" | 1.30" | 1.30" | 1.43" | 2.00" |
| 4733           | 3.66" | .58" | 1.65" | 1.53" | 1.53" | 1.59" | 2.23" |
| 4733-8         | 3.66" | .58" | 1.65" | 1.53" | 1.53" | 1.59" | 2.23" |
| 4734           | 4.00" | .72" | 1.94" | 1.80" | 1.80" | 1.84" | 2.30" |
| 4734-8         | 4.00" | .72" | 1.94" | 1.80" | 1.80" | 1.84" | 2.30" |

\*A/C = Across corners

\*\*A/C = Across flats

## Liquidtight Conduit and Cord Connectors



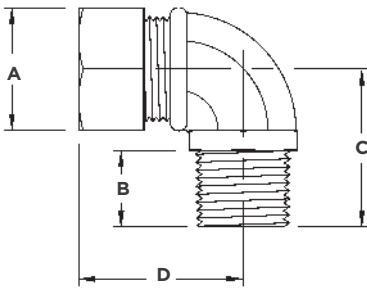
### Straight Strain Relief Cord Connectors

| Hub Size | Form Size | A        | B      | Thread Spec.      | C        |
|----------|-----------|----------|--------|-------------------|----------|
| 1/2"     | F1        | 1-1/16"  | 1/2"   | 1/2"-14 NPT       | 1-29/64" |
| 1/2"     | F2        | 1-3/16"  | 1/2"   | 1/2"-14 NPT       | 1-15/32" |
| 3/4"     | F3        | 1-13/32" | 9/16"  | 3/4"-14 NPT       | 1-31/64" |
| 1"       | F4        | 1-45/64" | 19/32" | 1"-11-1/2 NPT     | 1-51/64" |
| 1-1/4"   | F5        | 2-3/16"  | 43/64" | 1-1/4"-11-1/2 NPT | 1-7/8"   |
| 1-1/2"   | F6        | 2-13/32" | 47/64" | 1-1/2"-11-1/2 NPT | 2-11/64" |

A = Nut Flats

B = Thread length and thread spec.

C = Overall Length



### 90° Strain Relief Cord Connectors

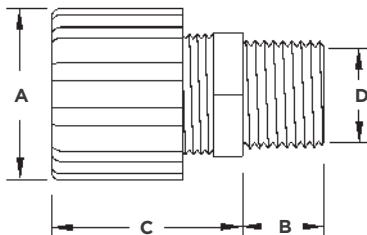
| Hub Size | Form Size | A        | Thread Spec. | B      | C        | D       |
|----------|-----------|----------|--------------|--------|----------|---------|
| 1/2"     | F1        | 1-3/64"  | 1/2"-14 NPT  | 35/64" | 1-3/8"   | 1-7/16" |
| 1/2"     | F2        | 1-11/64" | 1/2"-14 NPT  | 9/16"  | 1-13/32" | 1-5/8"  |
| 3/4"     | F3        | 1-13/32" | 3/4"-14 NPT  | 37/64" | 1-5/8"   | 1-7/8"  |

A = Nut Flats

B = Thread length and thread spec.

C = Thread to bend

D = Nut to bend



### Strain Relief Cord Connectors - Nylon

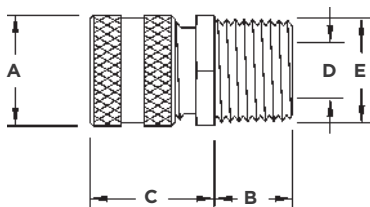
| Hub Size | Form Size | A        | B      | C       | D       |
|----------|-----------|----------|--------|---------|---------|
| 1/4"     | F1        | 63/64"   | 7/16"  | 1-3/32" | 21/64"  |
| 3/8"     | F1        | 63/64"   | 7/16"  | 1-3/32" | 7/16"   |
| 1/2"     | F2        | 1-1/4"   | 17/32" | 1-1/2"  | 37/64"  |
| 3/4"     | F3        | 1-31/64" | 35/64" | 1-5/8"  | 49/64"  |
| 1"       | F4        | 1-27/32" | 11/16" | 1-3/4"  | 1-1/64" |

A = Nut O.D.

B = Thread length

C = Length to shoulder

D = Throat I.D.



### Straight Strain Relief Cord Connectors - Aluminum

| Hub Size | Form Size | A Dia. | B Ref. | C     | D     | E     |       |
|----------|-----------|--------|--------|-------|-------|-------|-------|
|          |           |        |        |       |       | A/C*  | A/F** |
| 1/2"     | F1        | .88"   | .46"   | .90"  | .44"  | 1.00" | .88"  |
| 1/2"     | F2        | 1.13"  | .55"   | 1.10" | .64"  | 1.11" | 1.00" |
| 1/2"     | F3        | 1.38"  | .55"   | 1.50" | .64"  | 1.40" | 1.25" |
| 3/4"     | F2        | 1.13"  | .55"   | 1.10" | .64"  | 1.29" | 1.13" |
| 3/4"     | F3        | 1.38"  | .55"   | 1.50" | .82"  | 1.40" | 1.25" |
| 1"       | F4        | 1.75"  | .71"   | 1.60" | 1.02" | 1.81" | 1.62" |

\*A/C = Across corners

\*\*A/C = Across flats

A = Nut O.D.

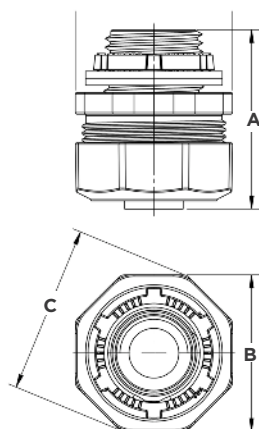
B = Thread length

C = Length to shoulder

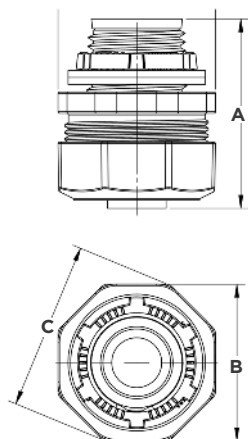
D = Throat I.D.

E = Hex

## Die-Cast Zinc Liquidtight Connectors

**Straight Connector, Insulated**

| Catalog Number | Size   | A     | B     | Thread Spec.        | C     | D     |
|----------------|--------|-------|-------|---------------------|-------|-------|
| 3401DC         | 3/8"   | 1.47" | 1.28" | 1/2" - 14 NPT       | 1.37" | 0.61" |
| 3402DC         | 1/2"   | 1.40" | 1.29" | 1/2" - 14 NPT       | 1.38" | 0.61" |
| 3403DC         | 3/4"   | 1.43" | 1.58" | 3/4" - 14 NPT       | 1.69" | 0.82" |
| 3404DC         | 1"     | 1.87" | 1.84" | 1"-11-1/2 NPT       | 1.94" | 1"    |
| 3405DC         | 1-1/4" | 1.88" | 2.27" | 1-1/4" - 11-1/2 NPT | 2.42" | 1.36" |
| 3406DC         | 1-1/2" | 1.97" | 2.48" | 1-1/2" - 11-1/2 NPT | 2.64" | 1.60" |
| 3408DC         | 2"     | 1.95" | 3.01" | 2" - 11-1/2 NPT     | 3.25" | 2.07" |

**Straight Connector, Uninsulated**

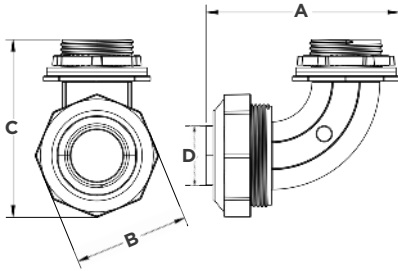
| Catalog Number | Size   | A     | B     | Thread Spec.        | C     | D     |
|----------------|--------|-------|-------|---------------------|-------|-------|
| 3511DC         | 3/8"   | 1.55" | 1.28" | 1/2" - 14 NPT       | 1.37" | 0.41" |
| 3512DC         | 1/2"   | 1.49" | 1.29" | 1/2" - 14 NPT       | 1.38" | 0.54" |
| 3513DC         | 3/4"   | 1.52" | 1.58" | 3/4" - 14 NPT       | 1.69" | 0.71" |
| 3514DC         | 1"     | 1.95" | 1.84" | 1"- 11-1/2 NPT      | 1.94" | 0.94" |
| 3515DC         | 1-1/4" | 1.95" | 2.27" | 1-1/4" - 11-1/2 NPT | 2.42" | 1.26" |
| 3516DC         | 1-1/2" | 2.05" | 2.48" | 1-1/2" - 11-1/2 NPT | 2.64" | 1.41" |
| 3518DC         | 2"     | 2.04" | 3.01" | 2" - 11-1/2 NPT     | 3.25" | 1.89" |
| 3520DC         | 2-1/2" | 3.43" | 3.78" | 2-1/2" - 8 NPT      | 4.13" | 2.32" |
| 3522DC         | 3"     | 3.43" | 4.35" | 3" - 8 NPT          | 4.90" | 2.95" |
| 3524DC         | 3-1/2" | 4.08" | 4.85" | 3-1/2" - 8 NPT      | 5.49" | 3.32" |
| 3526DC         | 4"     | 4.05" | 5.25" | 4" - 8 NPT          | 5.94" | 3.82" |

A = Overall length  
B = Clamping range

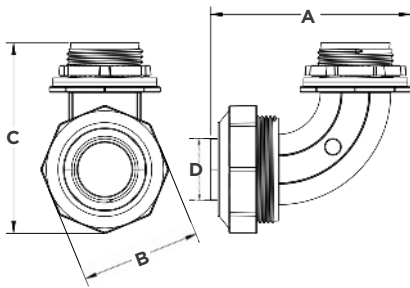
C = Max. width  
D = Throat I.D.

## Die-Cast Zinc Liquidtight Connectors

### 90° Insulated



| Catalog Number | Size   | A     | B     | Thread Spec.        | C     | D    |
|----------------|--------|-------|-------|---------------------|-------|------|
| 3421DC         | 3/8"   | 2.27" | 1.37" | 1/2" - 14 NPT       | 2.27" | 0.41 |
| 3422DC         | 1/2"   | 2.27" | 1.38" | 1/2" - 14 NPT       | 2.27" | 0.54 |
| 3423DC         | 3/4"   | 2.44" | 1.69" | 3/4" - 14 NPT       | 2.44" | 0.71 |
| 3424DC         | 1"     | 3.37" | 1.95" | 1" - 11-1/2 NPT     | 3.37" | 0.95 |
| 3425DC         | 1-1/4" | 3.57" | 2.42" | 1-1/4" - 11-1/2 NPT | 3.57" | 1.27 |
| 3426DC         | 1-1/2" | 3.74" | 2.63" | 1-1/2" - 11-1/2 NPT | 3.74" | 1.41 |
| 3428DC         | 2"     | 4.41" | 3.25" | 2" - 11-1/2 NPT     | 4.41" | 1.90 |



### 90° Uninsulated

| Catalog Number | Size   | A     | B     | Thread Spec.        | C     | D    |
|----------------|--------|-------|-------|---------------------|-------|------|
| 3541DC         | 3/8"   | 2.27" | 1.28" | 1/2" - 14 NPT       | 2.27" | 0.41 |
| 3542DC         | 1/2"   | 2.27" | 1.29" | 1/2" - 14 NPT       | 2.27" | 0.54 |
| 3543DC         | 3/4"   | 2.44" | 1.58" | 3/4" - 14 NPT       | 2.44" | 0.71 |
| 3544DC         | 1"     | 3.37" | 1.84" | 1" - 11-1/2 NPT     | 3.37" | 0.95 |
| 3545DC         | 1-1/4" | 3.57" | 2.27" | 1-1/4" - 11-1/2 NPT | 3.57" | 1.27 |
| 3546DC         | 1-1/2" | 3.74" | 2.48" | 1-1/2" - 11-1/2 NPT | 3.74" | 1.41 |
| 3548DC         | 2"     | 4.41" | 3.02" | 2" - 11-1/2 NPT     | 4.41" | 1.90 |
| 3550DC         | 2-1/2" | 6.39" | 3.78" | 2-1/2" - 8 NPT      | 5.68" | 2.32 |
| 3552DC         | 3"     | 7.13" | 4.35" | 3" - 8 NPT          | 6.48" | 2.95 |
| 3554DC         | 3-1/2" | 8.49" | 4.85" | 3-1/2" - 8 NPT      | 7.16" | 3.33 |
| 3556DC         | 4"     | 8.85" | 5.25" | 4" - 8 NPT          | 7.90" | 3.82 |

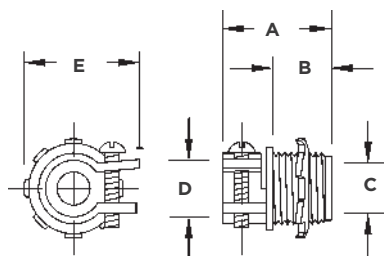
A = Overall length  
B = Clamping range

C = Overall height  
D = Throat I.D.

## Flexible Metal Conduit Fittings

## Straight Squeeze Connector, Insulated

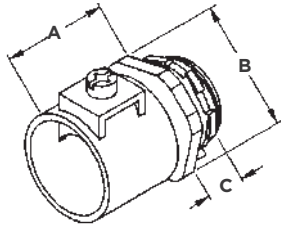
| Catalog Number | A        | B        | Thread Spec.      | C      | D              | E        |
|----------------|----------|----------|-------------------|--------|----------------|----------|
| 3301           | 1-1/16"  | 13/32"   | 1/2"-14 NPS       | 0.345" | .528 - .640"   | 1-23/64" |
| 3302           | 1-23/64" | 17/32"   | 1/2"-14 NPS       | 0.590" | .855 - .910"   | 1-5/8"   |
| 3302-8         | 1-23/64" | 17/32"   | 1/2"-14 NPS       | 0.590" | .855 - .910"   | 1-5/8"   |
| 3303           | 1-15/32" | 31/64"   | 3/4"-14 NPS       | 0.763" | 1.043 - 1.122" | 1-15/16" |
| 3304           | 1-11/16" | 33/64"   | 1"-11-1/2 NPT     | 0.935" | 1.364 - 1.408" | 2-25/64" |
| 3305           | 1-51/64" | 33/64"   | 1-1/4"-11-1/2 NPT | 1.190" | 1.670" MAX.    | 2-9/16"  |
| 3306           | 2-15/32" | 43/64"   | 1-1/2"-11-1/2 NPT | 1.450" | 1.970" MAX.    | 2-27/32" |
| 3308           | 2-3/4"   | 45/64"   | 2"-11-1/2 NPT     | 1.930" | 2.450" MAX.    | 3-11/32" |
| 3310           | 3"       | 1-3/64"  | 2-1/2"- 8 NPS     | 2.358" | 3.080" MAX     | 4-5/32"  |
| 3312           | 3-15/64" | 1-5/64"  | 3"- 8 NPS         | 2.290" | 3.645" MAX     | 5"       |
| 3314           | 5-13/64" | 1-21/64" | 3-1/2"- 8 NPS     | 3.425" | 4.060" MAX     | 6-5/8"   |
| 3316           | 5-23/32" | 1-39/64" | 4"- 8 NPS         | 3.915" | 4.560" MAX     | 7-15/64" |



## Straight Squeeze Connector, Uninsulated

| Catalog Number | A        | B        | Thread Spec.      | C      | D              | E        |
|----------------|----------|----------|-------------------|--------|----------------|----------|
| 2101           | 1-1/16"  | 13/32"   | 1/2"-14 NPS       | 0.345" | .528 - .640"   | 1-23/64" |
| 2102           | 1-33/64" | 17/32"   | 1/2"-14 NPS       | 0.590" | .855 - .910"   | 1-5/8"   |
| 2102-8         | 1-33/64" | 17/32"   | 1/2"-14 NPS       | 0.590" | .855 - .910"   | 1-5/8"   |
| 2103           | 1-15/32" | 31/64"   | 3/4"-14 NPS       | 0.763" | 1.043 - 1.122" | 1-15/16" |
| 2103-8         | 1-15/32" | 31/64"   | 3/4"-14 NPS       | 0.763" | 1.043 - 1.122" | 1-15/16" |
| 2104           | 1-11/16" | 33/64"   | 1"-11-1/2 NPT     | 0.935" | 1.364 - 1.408" | 2-25/64" |
| 2104-8         | 1-11/16" | 33/64"   | 1"-11-1/2 NPT     | 0.935" | 1.364 - 1.408" | 2-25/64" |
| 2105           | 1-51/64" | 33/64"   | 1-1/4"-11-1/2 NPT | 1.190" | 1.670" MAX.    | 2-9/16"  |
| 2106           | 2-15/32" | 43/64"   | 1-1/2"-11-1/2 NPT | 1.450" | 1.970" MAX.    | 2-27/32" |
| 2108           | 2-3/4"   | 45/64"   | 2"-11-1/2 NPT     | 1.930" | 2.450" MAX.    | 3-11/32" |
| 2110           | 3"       | 1-3/64"  | 2-1/2"- 8 NPS     | 2.358" | 3.080" MAX     | 4-5/32"  |
| 2112           | 3-15/64" | 1-5/64"  | 3"- 8 NPS         | 2.290" | 3.645" MAX     | 5"       |
| 2114           | 5-1/64"  | 1-21/64" | 3-1/2"- 8 NPS     | 3.425" | 4.060" MAX     | 6-5/8"   |
| 2116           | 5-23/32" | 1-39/64" | 4"- 8 NPS         | 3.915" | 4.560" MAX     | 7-15/64" |

## Flexible Metal Conduit Fittings



### Straight DOUBLE BITE Saddle Connectors

| Catalog Number | A        | B        | C       |
|----------------|----------|----------|---------|
| 3301DB         | 1-3/16"  | 1-1/4"   | 1/2"    |
| 3302DB         | 1-3/8"   | 1-1/4"   | 7/16"   |
| 3303DB         | 1-3/8"   | 1-7/16"  | 7/16"   |
| 3304DB         | 1-9/16"  | 1-13/16" | 1/2"    |
| 3305DB         | 2-3/16"  | 2-1/8"   | 5/8"    |
| 3306DB         | 2-7/16"  | 2-1/2"   | 5/8"    |
| 3308DB         | 2-9/16"  | 3"       | 5/8"    |
| 3310DB         | 2-11/16" | 3-5/8"   | 13/16"  |
| 3312DB         | 2-13/16" | 4-1/4"   | 15/16"  |
| 3314DB         | 2-15/16" | 4-3/4"   | 1"      |
| 3316DB         | 3"       | 5-3/16"  | 1-1/16" |

A = Overall length  
B = O.D. body

C = Thread length

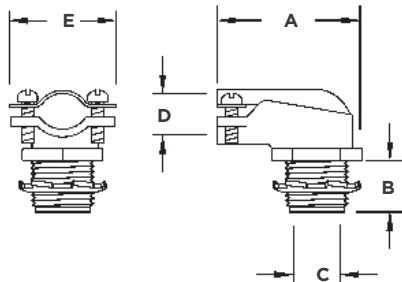
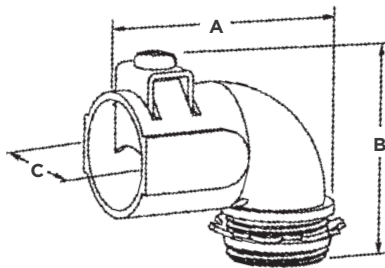
### 90° DOUBLE BITE Saddle Connectors

| Catalog Number | A        | B       | C        |
|----------------|----------|---------|----------|
| 3201DB         | 1-3/4"   | 2-1/16" | 1"       |
| 3202DB         | 2-1/8"   | 2-1/4"  | 1-1/4"   |
| 3203DB         | 2-1/2"   | 2-1/2"  | 1-3/8"   |
| 3204DB         | 2-13/16" | 2-7/8"  | 1-11/16" |

A = Throat length  
B = Overall height

C = Throat I.D.

### 90° Squeeze Connectors

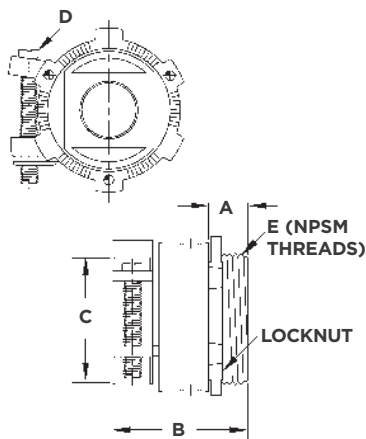


| Insulated Catalog No. | Uninsulated Catalog No. | A         | B        | Thread Spec.      | C      | D           | E        |
|-----------------------|-------------------------|-----------|----------|-------------------|--------|-------------|----------|
| 3201                  | 2201                    | 2-1/64"   | 23/64"   | 1/2"-14 NPS       | .570"  | .390-.630"  | 1-3/8"   |
| 3202                  | 2202                    | 2-15/64"  | 27/64"   | 1/2"-14 NPS       | .570"  | .817-.950"  | 1-51/64" |
| 3202-8                | 2202-8                  | 2-15/64"  | 27/64"   | 1/2"-14 NPS       | .570"  | .817-.950"  | 1-51/64" |
| 3203                  | 2203                    | 2-1/2"    | 1/2"     | 3/4"-14 NPS       | .822"  | .830-1.110" | 1-31/32" |
| 3203-8                | 2203-8                  | 2-1/2"    | 1/2"     | 3/4"-14 NPS       | .822"  | .830-1.110" | 1-31/32" |
| 3204                  | 2204                    | 2-27/32"  | 33/64"   | 1"-11-1/2 NPS     | .950"  | 1.295" MAX  | 2-11/32" |
| —                     | 2204-8                  | 2-27/32"  | 33/64"   | 1"-11-1/2 NPS     | .950"  | 1.295" MAX  | 2-11/32" |
| 3205                  | 2205                    | 4-13/64"  | 43/64"   | 1-1/4"-11-1/2 NPS | 1.210" | 1.535" MAX  | 2-55/64" |
| 3206                  | 2206                    | 4-57/64"  | 19/32"   | 1-1/2"-11-1/2 NPS | 1.450" | 1.890" MAX  | 3-3/32"  |
| 3208                  | 2208                    | 6-35/64"  | 51/64"   | 2"-11-1/2 NPS     | 1.883" | 2.415" MAX  | 3-51/64" |
| 3210                  | 2210                    | 7-9/16"   | 1-7/64"  | 2-1/2"- 8 NPS     | 2.300" | 2.515" MAX  | 4-21/64" |
| 3212                  | 2212                    | 8-31/32"  | 1-3/64"  | 3"- 8 NPS         | 2.940" | 3.025" MAX  | 5-1/16"  |
| 3214                  | 2214                    | 11-15/64" | 1-17/64" | 3-1/2"- 8 NPS     | 3.440" | 3.700" MAX  | 6-51/64" |
| 3216                  | 2216                    | 12-11/32" | 1-9/16"  | 4"- 8 NPS         | 3.935" | 4.050" MAX  | 7-17/64" |

A = Overall length  
B = Thread length and thread spec  
C = Throat I.D.

D = Clamping range  
E = Maximum width body

## Flexible Metal Conduit Fittings

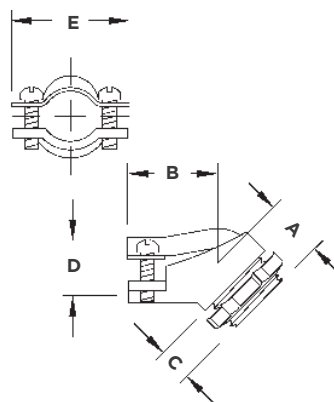


## Straight Squeeze Connectors, Uninsulated

| Catalog Number | A      | B        | C        | D           | E                  |
|----------------|--------|----------|----------|-------------|--------------------|
| 2191           | 13/32" | 1"       | 21/32"   | NO. 10x1.00 | 1/2"-14 NPSM       |
| 2192           | 1/2"   | 1-1/2"   | 63/64"   | NO. 10x1.00 | 1/2"-14 NPSM       |
| 2193           | 1/2"   | 1-19/32" | 1-3/16"  | NO. 12x1.00 | 3/4"-14 NPSM       |
| 2194           | 9/16"  | 1-49/64" | 1-29/64" | NO. 12x1.25 | 1"-11-1/2 NPSM     |
| 2195RAC        | 43/64" | 1-31/32" | 1-47/64" | NO. 12x1.25 | 1-1/4"-11-1/2 NPSM |
| 2196RAC        | 19/32" | 2"       | 2"       | NO. 12x1.25 | 1-1/2"-11-1/2 NPSM |
| 2198           | 19/32" | 2-7/64"  | 2-35/64" | 1/4-20x1.50 | 2"-11-1/2 NPSM     |

A = Thread length  
B = Overall length  
C = Conduit opening

D = Screw spec  
E = Thread spec

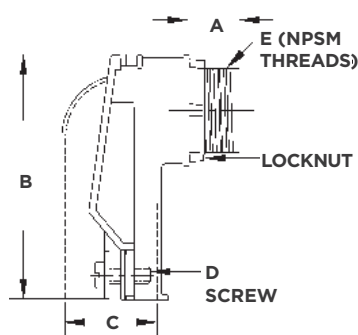


## 45° Squeeze Connectors, Uninsulated

| Catalog Number | A       | B       | C    | Thread Spec. | D               | E      |
|----------------|---------|---------|------|--------------|-----------------|--------|
| 2221           | 5/8"    | 1-3/16" | 1/2" | 1/2" - 14    | 7/16" - 5/8"    | 1-3/8" |
| 2222           | 1-3/16" | 2"      | 1/2" | 1/2" - 14    | 25-32" - 29/32" | 1-3/8" |

A = Length to end of fitting  
B = Length to bend  
C = Thread length and thread spec

D = Clamping range  
E = Maximum width body



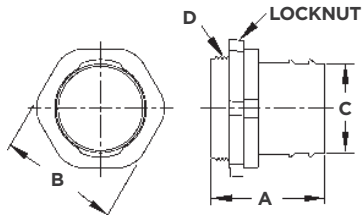
## 90° Squeeze Connectors, Uninsulated

| Catalog Number | A      | B        | C        |          | D                   | E                  |
|----------------|--------|----------|----------|----------|---------------------|--------------------|
|                |        |          | Min.     | Max.     |                     |                    |
| 2691           | 25/64" | 1-25/32" | 29/64"   | 25/32"   | NO. 8 x 1/2"        | 1/2"-14 NPSM       |
| 2692           | 7/16"  | 2-1/8"   | 45/64"   | 1-5/32"  | NO. 8 x 5/8"        | 1/2"-14 NPSM       |
| 2693           | 7/16"  | 2-3/32"  | 63/64"   | 1-13/32" | NO. 8 x 5/8"        | 3/4"-14 NPSM       |
| 2694           | 17/32" | 2-27/32" | 1-7/64"  | 1-53/64" | NO. 12 x 1"         | 1"-11-1/2 NPSM     |
| 2695           | 19/32" | 3-15/16" | 1-3/8"   | 2-1/16"  | NO. 12 x 1"         | 1-1/4"-11-1/2 NPSM |
| 2696           | 45/64" | 6-1/16"  | 1-27/32" | 2-1/16"  | NO. 1/4-20 x 1-1/2" | 1-1/2"-11-1/2 NPSM |
| 2698           | 45/64" | 6-1/4"   | 1-27/32" | 2-1/16"  | NO. 1/4-20 x 1-1/2" | 2"-11-1/2 NPSM     |

A = Thread length  
B = Overall length  
C = Clamping range

D = Screw  
E = Thread spec

## Flexible Metal Conduit Fittings

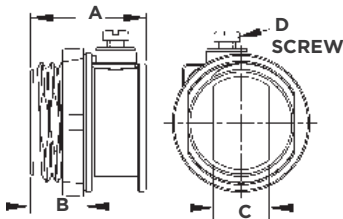


### Screw-in Type Connectors - Uninsulated

| Catalog Number | A        | B      | C      | D<br>THREAD SPEC. |
|----------------|----------|--------|--------|-------------------|
| 2281           | 1-19/64" | 59/64" | 3/8"   | 1/2"-14 NPSM      |
| 2282           | 1-3/8"   | 59/64" | 5/8"   | 1/2"-14 NPSM      |
| 2283           | 1-5/8"   | 1-1/8" | 53/64" | 3/4"-14 NPSM      |

A = Overall length  
B = Dia. across flats

C = Body Dia.  
D = Thread spec

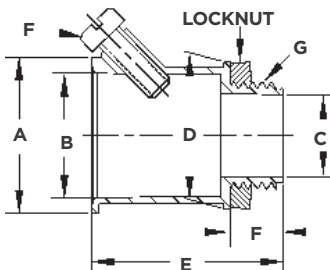


### Set Screw Connector

| Catalog Number | A      | B    | Thread Spec. | C    | D            |
|----------------|--------|------|--------------|------|--------------|
| 2511           | 25/32" | 3/8" | 1/2-14 NPSM  | 3/8" | 10-24 x 1/2" |

A = Overall length  
B = Thread length

C = Throat Dia.  
D = Screw Size



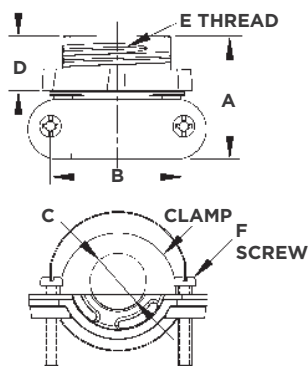
### Set Screw Connector

| Catalog Number | A       | B      | C      | D      | E      | F     | G           | H            |
|----------------|---------|--------|--------|--------|--------|-------|-------------|--------------|
| 2632           | 1-3/16" | 61/64" | 39/64" | 1-1/8" | 1-1/2" | 3/64" | 1/2-14 NPSM | 10-24 x 1/2" |

A = Body O.D.  
B = Body I.D.  
C = Throat I.D.  
D = Hub Dia.

E = Overall length  
F = Thread length  
G = Thread spec  
H = Screw size and length

## Flexible Metal Conduit Fittings

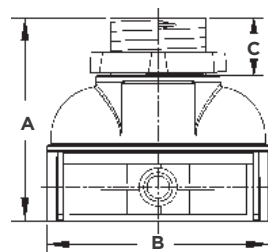


## Clamp Type Connector

| Catalog Number | A      | B    | C      | Thread Spec. | D           | E           | F   |
|----------------|--------|------|--------|--------------|-------------|-------------|-----|
| 2661           | 27/32" | 7/8" | 23/64" | 3/8"         | 1/2-14 NPSM | 8-32 x 3/4" | xxx |

A = Length  
B = Screw centerlines  
C = Clamping range

D = Thread length  
E = Thread spec.  
F = Screw

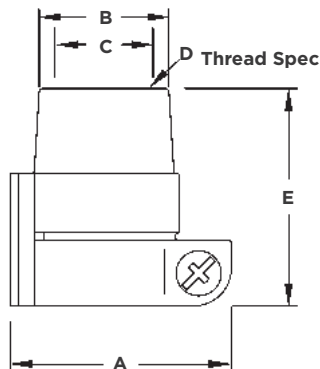


## Duplex Connector

| Catalog Number | A      | B        | C     |
|----------------|--------|----------|-------|
| 2611           | 1-1/2" | 1-21/32" | 7/16" |

A = Overall length  
B = Width

C = Thread length

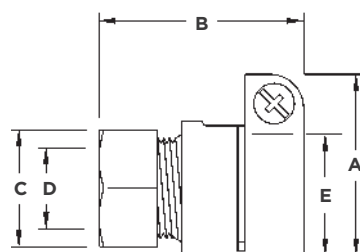


## Flex to Rigid Couplings

| Catalog Number | A        | B        | C        | D<br>THREAD SPEC. | E        |
|----------------|----------|----------|----------|-------------------|----------|
| 1552           | 1-43/64" | 1-13/64" | 31/32"   | 1/2"- 14 NPT      | 1-1/2"   |
| 1553           | 1-3/4"   | 1-23/64" | 1-1/8"   | 3/4"- 14 NPT      | 1-3/4"   |
| 1554           | 2-5/16"  | 1-21/32" | 1-13/34" | 1"- 11-1/2 NPT    | 1-53/64" |

A = Width across flex side  
B = Hub O.D.  
C = Hub I.D.

D = Thread spec. hub  
E = Overall length



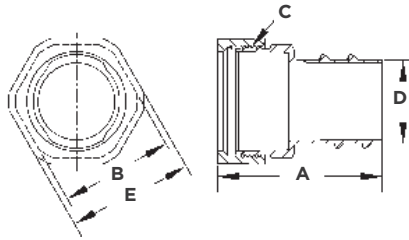
## Flex EMT Squeeze Couplings

| Catalog Number | A      | B        | C       | D<br>THREAD SPEC. | E              |
|----------------|--------|----------|---------|-------------------|----------------|
| 1941           | 1-1/4" | 1-5/16"  | 1-7/64" | 23/32"            | 17/32"-5/8"    |
| 1942           | 1-1/2" | 1-3/4"   | 1-7/64" | 23/32"            | 13/16"-15/16"  |
| 1942-8         | 1-1/2" | 1-3/4"   | 1-7/64" | 23/32"            | 13/16"-15/16"  |
| 1943           | 1-3/4" | 1-53/64" | 1-3/8"  | 15/16"            | 1-1/32"-1-1/8" |
| 1943-8         | 1-3/4" | 1-53/64" | 1-3/8"  | 15/16"            | 1-1/32"-1-1/8" |

A = Width across flex side  
B = Overall length  
C = Nut O.D.

D = Nut I.D.  
E = Clamping range (flex side)

## Flexible Metal Conduit Fittings

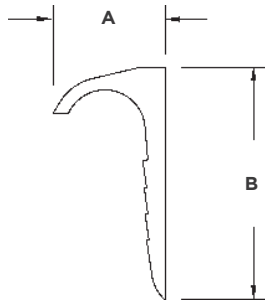


### Flex EMT Couplings Screw-In/Compression

| Catalog Number | A        | B        | C Thread Spec.  | D      | E        |
|----------------|----------|----------|-----------------|--------|----------|
| 1482           | 1-21/32" | 59/64"   | 7/8"-18 UNS     | 5/8"   | 31/32"   |
| 1483           | 1-51/64" | 1-1/8"   | 1-5/64"-18 UNS  | 13/16" | 1-7/32"  |
| 1484           | 1-63/64" | 1-23/64" | 1-23/64"-18 UNS | 1"     | 1-33/64" |

A = Overall length  
B = Body across flat  
C = Thread spec

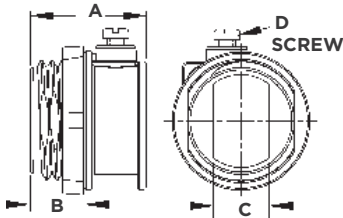
D = Throat I.D.  
E = Nut across flat



### Nail-up Straps Stamped

| Catalog Number | A       | B        |
|----------------|---------|----------|
| 2252           | 1-1/16" | 2-3/16"  |
| 2253           | 1-1/4"  | 2-19/64" |
| 2254           | 1-1/2"  | 2-13/32" |

## Armored Cable Connectors

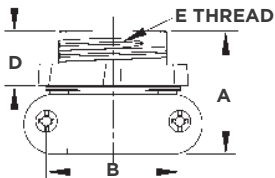


### Set Screw Connector

| Catalog Number | A      | B    | Thread Spec. | C    | D            |
|----------------|--------|------|--------------|------|--------------|
| 2511           | 25/32" | 3/8" | 1/2-14 NPSM  | 3/8" | 10-24 x 1/2" |

A = Overall length  
B = Thread length

C = Throat Dia.  
D = Screw Size

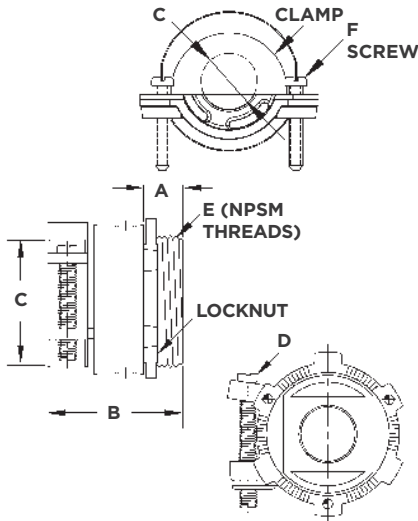


### Clamp Type Connector

| Catalog Number | A      | B    | C      | Thread Spec. | D            | E           |
|----------------|--------|------|--------|--------------|--------------|-------------|
| 2661           | 27/32" | 7/8" | 23/64" | 3/8"         | 1/2"-14 NPSM | 8-32 x 3/4" |

A = Length  
B = Screw centerlines  
C = Clamping range

D = Thread length  
E = Thread spec.  
F = Screw



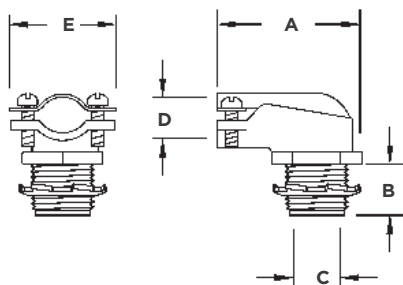
### Squeeze Type Connectors, Uninsulated

| Catalog Number | A      | B        | C        | D           | E              |
|----------------|--------|----------|----------|-------------|----------------|
| 2191           | 13/32" | 1"       | 21/32"   | NO. 10x1.00 | 1/2"-14 NPSM   |
| 2192           | 1/2"   | 1-1/2"   | 63/64"   | NO. 10x1.00 | 1/2"-14 NPSM   |
| 2193           | 1/2"   | 1-19/32" | 1-3/16"  | NO. 12x1.00 | 3/4"-14 NPSM   |
| 2194           | 9/16"  | 1-49/64" | 1-29/64" | NO. 12x1.25 | 1"-11-1/2 NPSM |

A = Thread length  
B = Overall length  
C = Conduit opening

D = Screw spec  
E = Thread spec

## Armored Cable Connectors

**90° Squeeze Connectors**

| Insulated catalog No. | Uninsulated Catalog No. | A        | B      | Thread Spec. | C     | D           | E        |
|-----------------------|-------------------------|----------|--------|--------------|-------|-------------|----------|
| 3201                  | 2201                    | 2-1/64"  | 23/64" | 1/2"-14 NPS  | .570" | .390-.630"  | 1-3/8"   |
| 3202                  | 2202                    | 2-15/64" | 27/64" | 1/2"-14 NPS  | .570" | .817-.950"  | 1-51/64" |
| 3202-8                | 2202-8                  | 2-15/64" | 27/64" | 1/2"-14 NPS  | .570" | .817-.950"  | 1-51/64" |
| 3203                  | 2203                    | 2-1/2"   | 1/2"   | 3/4"-14 NPS  | .822" | .830-1.110" | 1-31/32" |
| 3203-8                | 2203-8                  | 2-1/2"   | 1/2"   | 3/4"-14 NPS  | .822" | .830-1.110" | 1-31/32" |

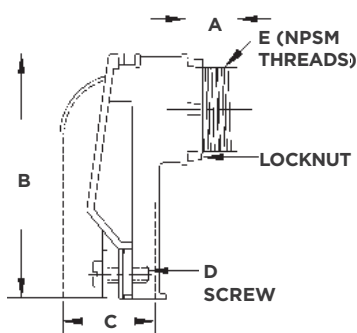
A = Overall length

B = Thread length and thread spec

C = Throat I.D.

D = Clamping range

E = Maximum width body

**90° Squeeze Connectors, Uninsulated**

| Catalog Number | A      | B        | C      |          | D            | E            |
|----------------|--------|----------|--------|----------|--------------|--------------|
|                |        |          | Min.   | Max.     |              |              |
| 2691           | 25/64" | 1-25/32" | 29/64" | 25/32"   | NO. 8 x 1/2" | 1/2"-14 NPSM |
| 2692           | 7/16"  | 2-1/8"   | 45/64" | 1-5/32"  | NO. 8 x 5/8" | 1/2"-14 NPSM |
| 2693           | 7/16"  | 2-3/32"  | 63/64" | 1-13/32" | NO. 8 x 5/8" | 3/4"-14 NPSM |

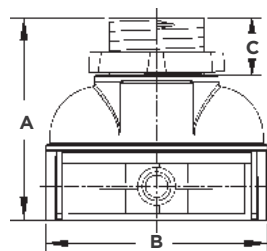
A = Thread length

B = Overall length

C = Clamping range

D = Screw

E = Thread spec

**Duplex Connector**

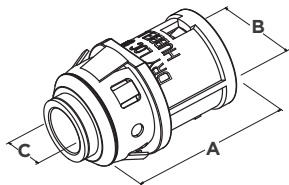
| Catalog Number | A      | B        | C     |
|----------------|--------|----------|-------|
| 2611           | 1-1/2" | 1-21/32" | 7/16" |

A = Overall length

B = Width

C = Thread length

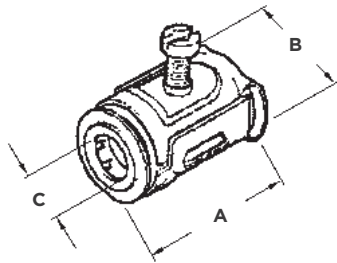
Metal Clad Cable Connectors



Push-in Connectors

| Catalog Number | A       | B      | C      |
|----------------|---------|--------|--------|
| 38RAC          | 1-7/16" | 27/32" | 13/32" |
| 40RAC          | 1-7/16" | 27/32" | 13/32" |

A = Overall length  
B = Body O.D.  
C = Throat I.D.

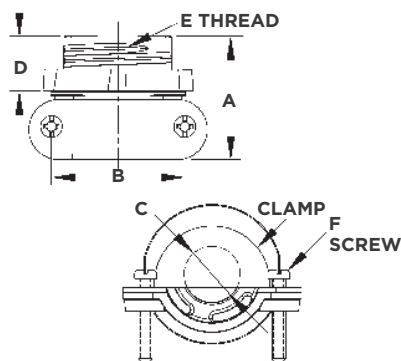


Screw Type Cable Connectors

| Catalog Number | A        | B       | C     |
|----------------|----------|---------|-------|
| 2800           | 1-7/16"  | 7/8"    | 7/16" |
| 2801           | 1-11/16" | 1-5/16" | 9/16" |

A = Overall length  
B = Body O.D.  
C = Throat I.D.

## Metal Clad Cable Connectors

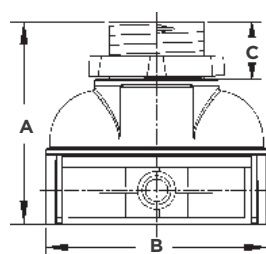


### Clamp Type Cable Connector

| Catalog Number | A      | B    | C      | Thread Spec. | D           | E           |
|----------------|--------|------|--------|--------------|-------------|-------------|
| 2661           | 27/32" | 7/8" | 23/64" | 3/8"         | 1/2-14 NPSM | 8-32 x 3/4" |

A = Length  
B = Screw centerlines  
C = Clamping range

D = Thread length  
E = Thread spec.  
F = Screw

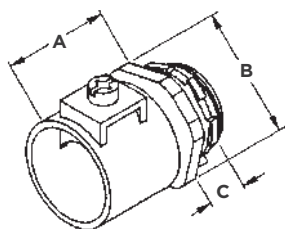


### Duplex Connector

| Catalog Number | A      | B        | C     |
|----------------|--------|----------|-------|
| 2611           | 1-1/2" | 1-21/32" | 7/16" |

A = Overall length  
B = Width  
C = Thread length

## Double Bite Saddle Connectors

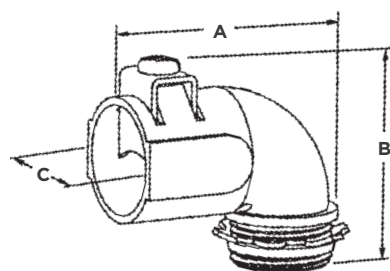


### Straight Saddle Connectors

| Catalog Number | A        | B        | C       |
|----------------|----------|----------|---------|
| 3301DB         | 1-3/16"  | 1-1/4"   | 1/2"    |
| 3302DB         | 1-3/8"   | 1-1/4"   | 7/16"   |
| 3303DB         | 1-3/8"   | 1-7/16"  | 7/16"   |
| 3304DB         | 1-9/16"  | 1-13/16" | 1/2"    |
| 3305DB         | 2-3/16"  | 2-1/8"   | 5/8"    |
| 3306DB         | 2-7/16"  | 2-1/2"   | 5/8"    |
| 3308DB         | 2-9/16"  | 3"       | 5/8"    |
| 3310DB         | 2-11/16" | 3-5/8"   | 13/16"  |
| 3312DB         | 2-13/16" | 4-1/4"   | 15/16"  |
| 3314DB         | 2-15/16" | 4-3/4"   | 1"      |
| 3316DB         | 3"       | 5-3/16"  | 1-1/16" |

A = Overall length  
B = O.D. body  
C = Thread length

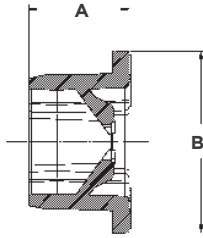
### 90° Saddle Connectors



| Catalog Number | A        | B       | C        |
|----------------|----------|---------|----------|
| 3201DB         | 1-3/4"   | 2-1/16" | 1"       |
| 3202DB         | 2-1/8"   | 2-1/4"  | 1-1/4"   |
| 3203DB         | 2-1/2"   | 2-1/2"  | 1-3/8"   |
| 3204DB         | 2-13/16" | 2-7/8"  | 1-11/16" |

A = Throat length  
B = Overall height  
C = Throat I.D.

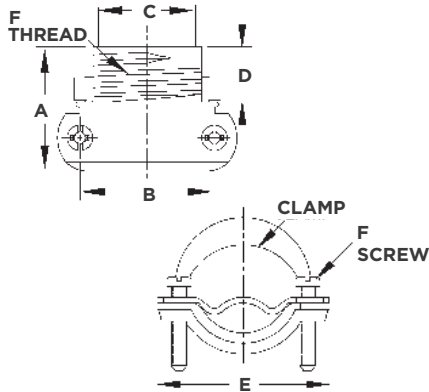
## Nonmetallic Sheathed Cable Connectors & Accessories



### Nonmetallic Sheathed Cable Connector

| Catalog Number | A    | B       |
|----------------|------|---------|
| 4714           | 5/8" | 1-9/64" |

A = Overall length  
B = Flange O.D.

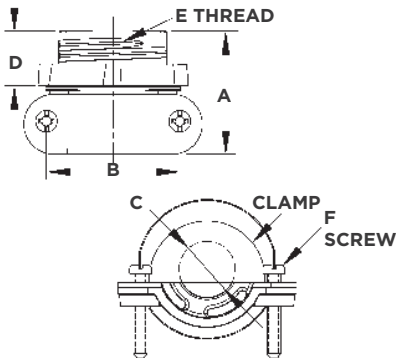


### Clamp Type Cable Connectors

| Catalog Number | A       | B       | C       | D      | E        | F              | G               |
|----------------|---------|---------|---------|--------|----------|----------------|-----------------|
| 2711           | 13/16"  | 7/8"    | 5/8"    | 23/64" | 1-11/64" | 1/2"-1/4 NPSM  | NO. 8-32 x 3/4" |
| 2863           | 15/16"  | 1-3/16" | 27/32"  | 27/64" | 1-21/32" | 3/4"-1/4 NPSM  | NO.10-24 x 1"   |
| 2864           | 1-7/64" | 1-7/16" | 1-3/64" | 33/64" | 1-15/16" | 1"-11-1/2 NPSM | NO.10-24 x 1"   |

A = Length  
B = Screw centerlines  
C = Throat I.D.  
D = Thread length

E = Max. body width  
F = Thread spec.  
G = Screw

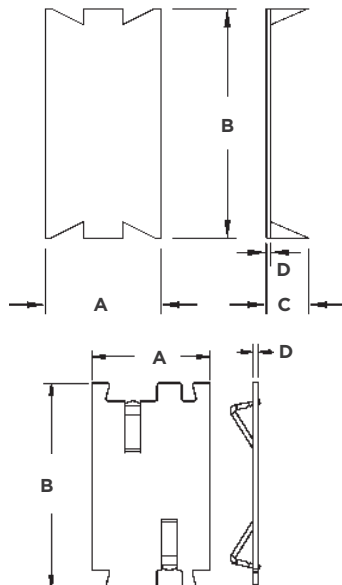


### Clamp Type Cable Connector

| Catalog Number | A      | B    | C      | D    | E            | F           |
|----------------|--------|------|--------|------|--------------|-------------|
| 2661           | 27/32" | 7/8" | 23/64" | 3/8" | 1/2"-14 NPSM | 8-32 x 3/4" |

A = Length  
B = Screw centerlines  
C = Throat I.D.

D = Thread length  
E = Thread spec.  
F = Screw



### Cable Protectors

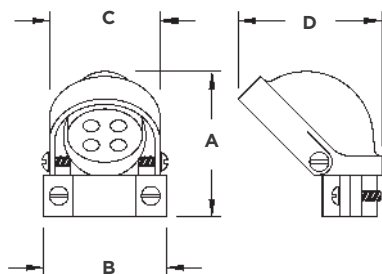
| Catalog Number | A      | B       | C    | D     |
|----------------|--------|---------|------|-------|
| 2709           | 1-1/2" | 2-9/16" | 1/2" | 1/16" |
| 2709-9         | 1-1/2" | 2-9/16" | 1/2" | 1/16" |
| 2710           | 1-1/2" | 2-9/16" | 1/2" | 1/16" |

### PUZZLE-PLATE® Cable Protectors

| Catalog Number | A      | B      | C | D     |
|----------------|--------|--------|---|-------|
| 2712           | 1-1/2" | 2-5/8" | — | 3/64" |
| 2712-9R        | 1-1/2" | 2-5/8" | — | 1/16" |
| 2712R          | 1-1/2" | 2-5/8" | — | 1/16" |
| 2713           | 1-1/2" | 5"     | — | 3/64" |
| 2713R          | 1-1/2" | 5"     | — | 1/16" |

A = Width  
B = Height  
C = Thickness - measure from the tip of the tang  
D = Thickness of material

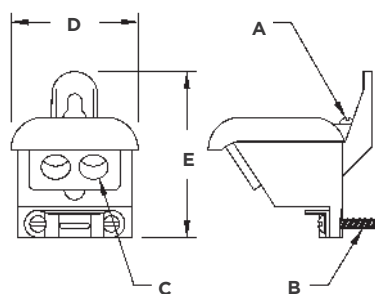
## Service Entrance Fittings

**Entrance Heads, Clamp Type for Rigid/IMC or EMT**

| Catalog Number | A        | B        | C        | D        | Insulating Hole Dia.                                            |
|----------------|----------|----------|----------|----------|-----------------------------------------------------------------|
| 2402           | 2-11/16" | 2-1/4"   | 2-1/8"   | 2-37/64" | 4 Holes 19/64" Dia.                                             |
| 2403           | 2-55/64" | 2-1/4"   | 2-9/32"  | 2-63/64" | 2 Holes 3/8" Dia.,<br>3 Holes 13/32" Dia.                       |
| 2404           | 3-9/32"  | 2-39/64" | 2-39/64" | 3-3/8"   | 3 Holes 1/2" Dia.,<br>2 Holes 7/16" Dia.                        |
| 2405           | 3-1/4"   | 3-3/32"  | 3-3/32"  | 4-7/32"  | 3 Holes 5/8" Dia.,<br>2 Holes 7/16" Dia.                        |
| 2406           | 4-43/64" | 3-3/4"   | 3-13/32" | 5-3/32"  | 3 Holes 3/4" Dia.,<br>2 Holes 19/32" Dia.,<br>1 Hole 7/16" Dia. |
| 2408           | 6"       | 4-1/2"   | 4-23/32" | 6-19/32" | 3 Holes 1" Dia.,<br>2 Holes 3/4" Dia.,<br>1 Hole 17/32" Dia.    |
| 2410           | 8"       | 5-13/16" | 6-7/16"  | 9-57/64" | 3 Holes 1-5/16" Dia.,<br>3 Holes 7/8" Dia.,<br>1 Hole 1" Dia.   |
| 2412           | 8-7/64"  | 6-3/8"   | 6-7/16"  | 10-1/64" | 3 Holes 1-5/16" Dia.,<br>1 Hole 1" Dia.                         |
| 2414           | 9-9/16"  | 7-7/64"  | 8-5/32"  | 13-1/16" | 3 Holes 1-5/16" Dia.,<br>4 Holes 1-1/8" Dia.                    |
| 2416           | 9-11/32" | 7-61/64" | 8-5/32"  | 13-7/32" | 3 Holes 1-3/4" Dia.,<br>4 Holes 1-1/8" Dia.                     |

A = Height  
B = Width of clamp

C = Width of head  
D = Depth of head

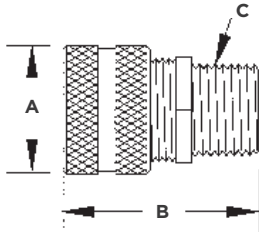
**Entrance Heads, Clamp Type for SEU Cable**

| Catalog Number | A            | B          | C      | D       | E       |
|----------------|--------------|------------|--------|---------|---------|
| 2430           | 8-32 x 1/2"  | 10-24 x 1" | 17/32" | 3-5/16" | 3-5/16" |
| 2440           | 12-24 x 1/2" | 12-24 x 1" | 13/16" | 4-1/2"  | 5"      |

A = Cover screw spec  
B = Clamp screw spec  
C = Hole size

D = Depth of head  
E = Height

## Service Entrance Fittings

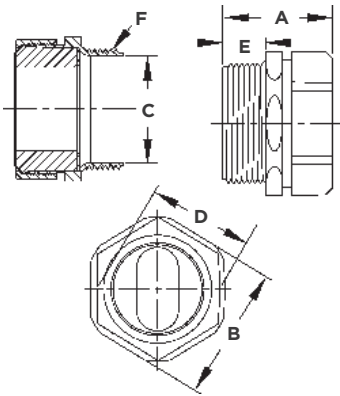


### Underground Feeder (UF) Connectors, Liquid Tight

| Catalog Number | A     | B     | C         |
|----------------|-------|-------|-----------|
| 4899-9         | 1.25" | 1.65" | 1/2" - 14 |
| 4799-1         | 1.32" | 2.03" | 1/2" - 14 |
| 4799-3         | 1.56" | 2.15" | 3/4" - 14 |
| 2462           | 1.25" | 1.75" | 1/2" - 14 |

A = Nut O.D.  
B = Length

C = Thread spec

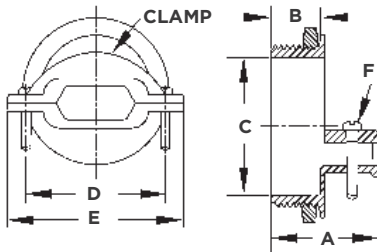


### Service Entrance Cable Connectors, Liquid Tight

| Catalog Number | A        | B        | C        | D        | E      | F              |
|----------------|----------|----------|----------|----------|--------|----------------|
| 2475           | 2"       | 1-27/32" | 1-23/64" | 1-49/64" | 39/64" | 1-1/4" -11-1/2 |
| 2485           | 2"       | 1-27/32" | 1-23/64" | 1-49/64" | 39/64" | 1-1/4" -11-1/2 |
| 2486           | 2-3/16"  | 2-5/32"  | 1-19/32" | 2-7/64"  | 39/64" | 1-1/2" -11-1/2 |
| 2498           | 2-13/32" | 2-37/64" | 2-1/16"  | 2-21/32" | 49/64" | 2" -11-1/2     |
| 2468           | 2-13/32" | 2-37/64" | 2-1/16"  | 2-21/32" | 49/64" | 2" -11-1/2     |

A = Overall length  
B = Nut across flat  
C = Throat dia.

D = Body across flat  
E = Thread length  
F = Thread spec

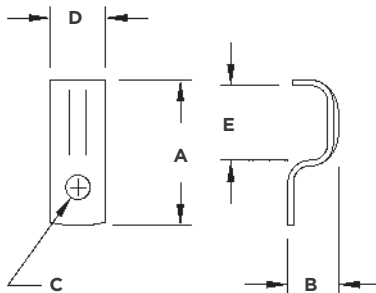


### Non-watertight Connectors for Oval or Round Cable

| Catalog Number | A        | B      | C                    | D        | E        | F              |
|----------------|----------|--------|----------------------|----------|----------|----------------|
| 2853/2863      | 15/16"   | 27/64" | 3/4" - 14 NPSM       | 1-3/16"  | 1-21/32" | No. 10-24 x 1" |
| 2854/2864      | 1-7/64"  | 33/64" | 1" - 11-1/2 NPSM     | 1-7/16"  | 1-15/16" | No. 10-24 x 1" |
| 2855           | 1-5/16"  | 39/64" | 1-1/4" - 11-1/2 NPSM | 1-5/8"   | 2-1/4"   | No. 10-24 x 1" |
| 2856           | 1-21/64" | 19/32" | 1-1/2" - 11-1/2 NPSM | 2-13/64" | 2-27/32" | No. 10-24 x 1" |
| 2858           | 1-37/64" | 47/64" | 2" - 11-1/2 NPSM     | 2-3/4"   | 3-1/2"   | No. 12-24 x 1" |

A = Overall length  
B = Thread length and thread spec  
C = Throat I.D.

D = Screw center to center  
E = Maximum body width  
F = Screw size



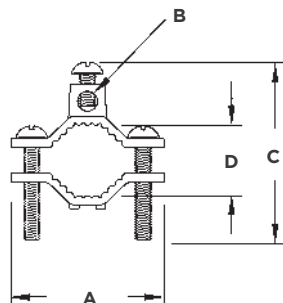
### One Hole Cable Straps

| Catalog Number | A        | B       | C     | D    | E        |
|----------------|----------|---------|-------|------|----------|
| 2441           | 1-5/8"   | 37/64"  | 9/32" | 5/8" | 13/16"   |
| 2442           | 1-55/64" | 3/4"    | 9/32" | 5/8" | 1-3/64"  |
| 2443           | 1-21/32" | 1"      | 9/32" | 1"   | 1-7/16"  |
| 2444           | 2-59/64" | 1-9/64" | 9/32" | 1"   | 1-45/64" |

A = Overall length  
B = Height  
C = Hole size

D = Width of strap  
E = Inside length

## Grounding

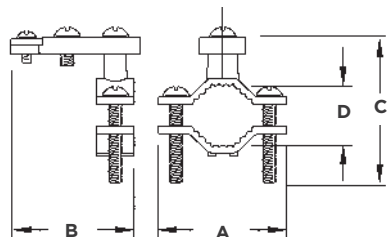


## Ground Clamps for Bare Ground Wires

| Catalog Number | A       | B     | C       | D              |
|----------------|---------|-------|---------|----------------|
| 2504           | 2-1/4"  | 5/16" | 2-5/16" | 11/16"-1-5/16" |
| 2505           | 3-9/16" | 5/16" | 3-1/8"  | 1-3/8"-2-1/2"  |
| 2506           | 2-1/4"  | 5/16" | 2-5/16" | 11/16"-1-5/16" |

A = Width  
B = Hole diameter  
C = Height

C = Height  
D = Min./Max. clamping range

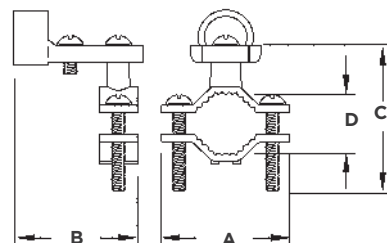


## Ground Clamps for Bare Armored Ground Wires

| Catalog Number | A      | B      | C      | D             |
|----------------|--------|--------|--------|---------------|
| 2507           | 2-1/4" | 2-3/8" | 2-3/4" | 9/16"-1-5/16" |
| 2508           | 3-5/8" | 2-1/4" | 3-5/8" | 1-3/8"-2-1/2" |

A = Width  
B = Length

C = Height  
D = Min./Max. clamping range



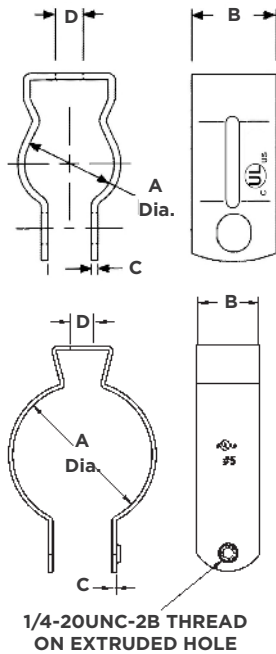
## Ground Clamps for 1/2" Rigid Conduit

| Catalog Number | A       | B        | C      | D              |
|----------------|---------|----------|--------|----------------|
| 2512           | 2-1/4"  | 2-1/2"   | 3-1/8" | 5/8"-1-3/8"    |
| 2522           | 3-9/16" | 1-15/16" | 3-1/2" | 1-1/4"-2-1/2"  |
| 2513           | 2-5/16" | 2-1/8"   | 3-1/2" | 11/16"-1-3/8"  |
| 2523           | 3-5/8"  | 2-3/16"  | 4-3/8" | 1-7/16"-2-1/2" |

A = Width  
B = Length

C = Height  
D = Min./Max. clamping range

## Conduit Support Fittings



### Conduit Hangers

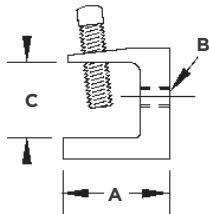
| Catalog Number           | A     | B     | C     | D     |
|--------------------------|-------|-------|-------|-------|
| <b>With Nut and Bolt</b> |       |       |       |       |
| 2052                     | 0.80" | 0.75" | 0.04" | 0.25" |
| 2053                     | 1.00" | 0.75" | 0.04" | 0.25" |
| 2054                     | 1.20" | 0.87" | 0.04" | 0.25" |
| 2041                     | 1.50" | 0.87" | 0.04" | 0.25" |
| 2055                     | 1.70" | 0.87" | 0.04" | 0.25" |
| 2056                     | 1.87" | 1.00" | 0.04" | 0.31" |
| 2058                     | 2.25" | 1.00" | 0.04" | 0.31" |
| 2057                     | 2.87" | 1.25" | 0.63" | 0.31" |
| 2059                     | 3.50" | 1.25" | 0.63" | 0.31" |
| 2060                     | 4.00" | 1.25" | 0.63" | 0.31" |
| 2061                     | 4.50" | 1.25" | 0.63" | 0.31" |

### With Bolt and Threaded Hole

| Catalog Number | A     | B     | C            | D     |
|----------------|-------|-------|--------------|-------|
| 2052TH         | 0.78" | 0.73" | .055 - .062" | 0.26" |
| 2053TH         | 0.99" | 0.72" | .055 - .062" | 0.26" |
| 2054TH         | 1.25" | 0.89" | .055 - .062" | 0.26" |
| 2041TH         | 1.52" | 0.88" | .055 - .062" | 0.26" |
| 2055TH         | 1.71" | 1.00" | .055 - .062" | 0.33" |
| 2056TH         | 1.92" | 1.00" | .055 - .062" | 0.33" |
| 2058TH         | 2.30" | 1.00" | .055 - .062" | 0.33" |

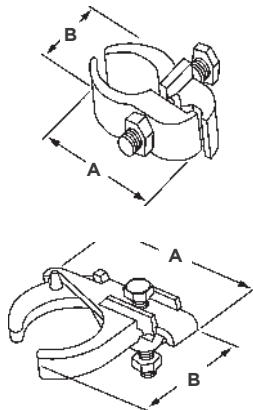
A = Inner Diameter  
B = Width

C = Thickness  
D = Hole Diameter



### Beam Clamps

| Catalog Number | A        | B         | C       |
|----------------|----------|-----------|---------|
| 2500           | 1-23/32" | 1/4" - 20 | 21/32"  |
| 2524           | 1-11/32" | 1/4" - 20 | 27/32"  |
| 2536           | 1-1/2"   | 5/16" - 8 | 15/16"  |
| 2538           | 1-27/32" | 3/8" - 16 | 1-3/16" |
| 2510           | 2-11/32" | 1/2" - 13 | 1-1/4"  |



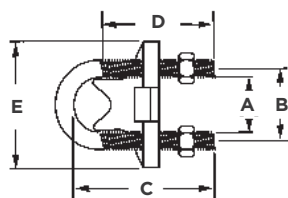
### Parallel Conduit Clamps

| Catalog Number | A        | B        |
|----------------|----------|----------|
| 2322PC         | 2-7/8"   | 1-7/16"  |
| 2323PC         | 3-1/16"  | 1-11/16" |
| 2324PC         | 3-1/4"   | 2"       |
| 2325PC         | 3-5/8"   | 2-1/8"   |
| 2326PC         | 3-7/8"   | 2-3/16"  |
| 2328PC         | 4-5/8"   | 2-7/8"   |
| 2330PC         | 5-1/4"   | 3-1/4"   |
| 2332PC         | 5-7/8"   | 3-7/8"   |
| 2334PC         | 6-5/16"  | 4-5/16"  |
| 2336PC         | 6-13/16" | 4-13/16" |

### Edge Conduit Clamps

| Catalog Number | A        | B       |
|----------------|----------|---------|
| 2302EC         | 2-13/16" | 2-1/8"  |
| 2303EC         | 2-15/16" | 2-3/8"  |
| 2304EC         | 3-1/16"  | 2-5/8"  |
| 2305EC         | 3-1/16"  | 3-1/16" |
| 2306EC         | 3-15/16" | 3-1/4"  |
| 2308EC         | 4-1/2"   | 4-1/16" |
| 2310PC         | 5-1/8"   | 4-5/8"  |
| 2312PC         | 5-3/4"   | 5-1/4"  |

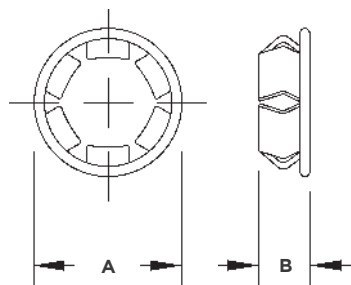
## Conduit Support Fittings



## Right Angle Conduit Clamps

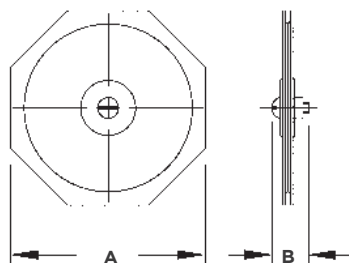
| Catalog Number | A        | B       | C        | D        | E       |
|----------------|----------|---------|----------|----------|---------|
| 2352RC         | 1"       | 1-1/4"  | 2-1/2"   | 1-13/16" | 2-1/16" |
| 2353RC         | 1-1/8"   | 1-33/8" | 2-13/16" | 1-13/16" | 2-1/4"  |
| 2354RC         | 1-3/8"   | 1-5/8"  | 3-1/16"  | 1-13/16" | 2-9/16" |
| 2355RC         | 1-3/4"   | 2"      | 3-3/16"  | 1-13/16" | 2-7/8"  |
| 2356RC         | 2"       | 2-3/8"  | 3-1/2"   | 1-13/16" | 3-1/4"  |
| 2358RC         | 2-1/2"   | 2-1/2"  | 4-1/2"   | 2-5/8"   | 4-1/16" |
| 2360RC         | 3"       | 3-1/4"  | 4-7/8"   | 2-5/8"   | 4-1/2"  |
| 2362RC         | 3-1/2"   | 3-7/8"  | 5-3/8"   | 2-5/8"   | 5-1/8"  |
| 2364RC         | 4"       | 4-9/16" | 5-7/8"   | 2-5/8"   | 5-5/8"  |
| 2366RC         | 4-11/16" | 5-1/16" | 6-11/16" | 2-5/8"   | 6-1/8"  |

## Miscellaneous Fittings



## Knockout Seals, One Piece

| Catalog Number | A        | B      |
|----------------|----------|--------|
| 1042           | 1-5/64"  | 23/64" |
| 1043           | 1-15/64" | 5/16"  |
| 1044           | 1-29/64" | 11/32" |
| 1045           | 1-13/16" | 11/32" |
| 1046           | 2-13/64" | 11/32" |
| 1048           | 2-43/64" | 3/8"   |



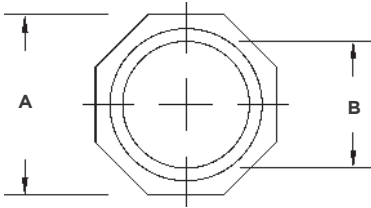
## Knockout Seals, Two Piece

| Catalog Number | A        | B    |
|----------------|----------|------|
| 1037           | 3-3/16"  | 5/8" |
| 1039           | 3-13/16" | 5/8" |
| 1040           | 4-3/8"   | 5/8" |
| 1041           | 4-29/32" | 5/8" |

A = O. D.

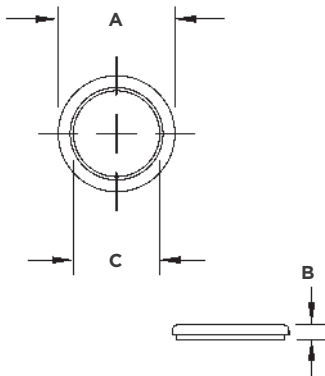
B = Height

## Miscellaneous Fittings



### Reducing Washers

| Catalog Number | A        | B        |
|----------------|----------|----------|
| 1365           | 1-1/4"   | 7/8"     |
| 1366           | 1-17/32" | 7/8"     |
| 1367           | 1-17/32" | 1-3/32"  |
| 1368           | 1-31/32" | 7/8"     |
| 1369           | 1-31/32" | 1-3/32"  |
| 1370           | 1-31/32" | 1-3/8"   |
| 1371           | 2-5/32"  | 7/8"     |
| 1372           | 2-5/32"  | 1-3/32"  |
| 1373           | 2-5/32"  | 1-3/8"   |
| 1374           | 2-5/32"  | 1-3/4"   |
| 1375           | 2-11/16" | 7/8"     |
| 1376           | 2-11/16" | 1-3/32"  |
| 1377           | 2-11/16" | 1-3/8"   |
| 1378           | 2-11/16" | 1-3/4"   |
| 1379           | 2-11/16" | 1-31/32" |
| 1380           | 3-3/16"  | 1-3/8"   |
| 1381           | 3-3/16"  | 1-3/4"   |
| 1382           | 3-3/16"  | 1-31/32" |
| 1383           | 3-3/16"  | 2-15/32" |
| 1384           | 3-13/16" | 1-3/4"   |
| 1385           | 3-13/16" | 1-31/32" |
| 1386           | 3-13/16" | 2-15/32" |
| 1387           | 3-13/16" | 3"       |
| 1389           | 4-3/8"   | 2-15/32" |
| 1390           | 4-3/8"   | 3"       |
| 1391           | 4-3/8"   | 3-5/8"   |
| 1392           | 4-29/32" | 2-15/32" |
| 1393           | 4-29/32" | 3"       |
| 1394           | 4-29/32" | 3-5/8"   |



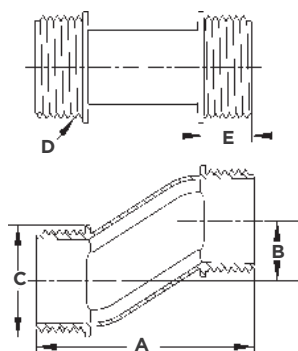
### Sealing Washers - Steel

| Catalog Number | A        | B      | C        |
|----------------|----------|--------|----------|
| 2452           | 1-5/64"  | 5/64"  | 51/64"   |
| 2452-8         | 1-5/64"  | 5/64"  | 51/64"   |
| 2453           | 1-11/32" | 5/32"  | 1"       |
| 2453-8         | 1-11/32" | 5/32"  | 1"       |
| 2454           | 1-5/8"   | 11/64" | 1-1/4"   |
| 2454-8         | 1-5/8"   | 11/64" | 1-1/4"   |
| 2455           | 2"       | 11/64" | 1-39/64" |
| 2456           | 2-23/64" | 3/16"  | 1-27/32" |
| 2458           | 2-53/64" | 3/16"  | 2-5/16"  |

A = O.D.  
B = Thickness

C = I.D.

## Miscellaneous Fittings



## Offset Nipples

| Catalog Number | A        | B    | C        | D                    | E      |
|----------------|----------|------|----------|----------------------|--------|
| 1452           | 2-27/64" | 3/4" | 15/16"   | 1/2" - 14 NPSM       | 7/16"  |
| 1453           | 2-13/32" | 3/4" | 1-3/16"  | 3/4" - 14 NPSM       | 7/16"  |
| 1454           | 2-23/32" | 3/4" | 1-25/64" | 1"-11/12 NPSM        | 39/64" |
| 1455           | 2-13/16" | 3/4" | 1-13/16" | 1-1/4" - 11-1/2 NPSM | 19/32" |
| 1456           | 3-1/32"  | 3/4" | 2-1/16"  | 1-1/2" - 11-1/2 NPSM | 11/16" |
| 1458           | 3-5/32"  | 3/4" | 2-9/16"  | 2" - 11-1/2 NPSM     | 3/4"   |

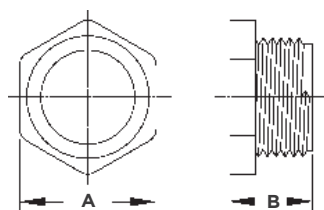
A = Overall length

B = Offset

C = Hub dia.

D = Thread spec

E = Thread length



## Uninsulated Nipples

| Catalog Number | A        | B       |
|----------------|----------|---------|
| 1662           | 15/16"   | 19/32"  |
| 1663           | 1-3/16"  | 23/32"  |
| 1664           | 1-3/8"   | 55/64"  |
| 1665           | 1-47/64" | 7/8"    |
| 1666           | 2-1/8"   | 29/32"  |
| 1668           | 2-35/64" | 1-5/32" |
| 1670           | 3-7/32"  | 1-7/16" |
| 1672           | 3-51/64" | 1-7/16" |
| 1674           | 4-17/64" | 1-7/16" |
| 1676           | 4-51/64" | 1-7/16" |

A = Across flats

B = Length





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**RACO**  
**3902 W. Sample St.**  
**South Bend, IN 46619**

