RACO TayMac BELL OUTDOOR

CATALOG

Commercial Fittings

Section B



HUBBELL

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EMT Fittings



Liquidtight Conduit & Cord Connectors



Nonmetallic Sheathed Cable Connectors

RACO® Commercial Fittings

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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.

NEMA® Member

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

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

Compliance

1/2" - 2"

- Standard 514B
  C22.2 # 18

2-1/2" - 4"

- Standard 514B
  UL Listed E195969,
  E195970



Insulated Connectors



Uninsulated Connectors

Compression Connectors – *Steel*

Insulated Catalog #	Uninsulated Catalog #	Trade Size	Unit Carton Qty.	Ship Carton Qty.	Bar Code
2122	**2002**	1/2"	50	500	—
2122-8	**2002-8**	1/2"	1	25	IIIIIIII
2123	**2003**	3/4"	25	250	—
2123-8	**—**	3/4"	1	20	IIIIIIII
2124	**2004**	1"	25	100	—
2124-8	**2004-8**	1"	1	10	IIIIIIII
2125	**2005**	1-1/4"	—	20	—
2126	**2006**	1-1/2"	—	20	—
2128	**2008**	2"	—	20	—
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 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

Compliance

1/2" - 2"

- Standard 514B
  C22.2 # 18

2-1/2" - 4"

- Standard 514B
  UL Listed E195969,
  E195970

Set Screw Couplings – *Steel*

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

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	IIIIIIII
2913	**2903**	3/4”	25	250	—
2913-8	**2903-8**	3/4”	1	20	IIIIIIII
2914	**2904**	1”	25	100	—
2914-8	**2904-8**	1”	1	10	IIIIIIII
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

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



Couplings

Compression Couplings – *Steel*

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

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

Compliance

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



Couplings

Compression Couplings – *Steel*

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

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

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



Insulated Connectors



Uninsulated Connectors

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 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



Offset Connectors

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.
2752	1/2"	10	100
2753	3/4"	5	50
2754	1"	—	25

90° Handy Ells – *Die-Cast Zinc Connectors*

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

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

EMT Compression Couplings

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

Product Features

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

Compliance

- File E195970
- C22.2 # 18



Couplings

Compression Couplings – *Die Cast*

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

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



Insulated Throat Connectors



Uninsulated Connectors

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

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

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

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

Compliance

- Standard 514B



90˚ Short Angle Connectors

90° Short Angle Connectors – *Malleable Iron*

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

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

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



EMT to Rigid Couplings Threaded/Compression

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

Compliance

- File E195969
- Listed (1852 & 1853)



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
Squeeze/Compression - *Malleable Iron*					
1941*	3/8"	1/2"	—	25	—
1942	1/2"	1/2"	—	25	—
1942-8	1/2"	1/2"	1	25	IIIIIIII
1943	3/4"	3/4"	—	25	—
1943-8	3/4"	3/4"	1	25	IIIIIIII
Screw-in/Compression - *Die-Cast Zinc*					
1482	1/2"	1/2"	50	500	—
1483	3/4"	3/4"	25	250	—
1484	1"	1"	25	250	—
Squeeze/Set Screw - *Die-Cast Zinc*					
1852	1/2"	1/2"	25	250	—
1853	3/4"	3/4"	25	250	

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.
One Hole Push-on Straps Stamped – *Steel (cULus)*			
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
Two Hole Straps Stamped – *Steel*			
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 »

EMT Straps & Clamp Backs

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.
EMT or Rigid/IMC 1-Hole Strap – *Malleable Iron*			
1310	2-1/2"	—	10
1312	3"	—	10
1314	3-1/2"	—	5
1316	4"	—	5
EMT or Flex Nail-Up Straps – *Steel*			
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

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

Compliance

- File E195968



Clamp Backs

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

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

Rigid Set Screw Connectors

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

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



Insulated Connectors



Uninsulated Connectors

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

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

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.
1822	1/2″	—	25
1823	3/4″	—	10
1824	1″	—	5
1825	1-1/4″	—	5
1826	1-1/2″	—	5
1828	2″	—	5
1830	2-1/2″	—	5
1832	3″	—	1
1834	3-1/2″	—	1
1836	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

Product Features

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

Compliance

- Standard 514B



90 Degree Short Elbows

90° Short Elbows – *Malleable Iron*

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

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.
Threaded Connectors - *Die-Cast Zinc*			
2662	1/2"	10	100
2663	3/4"	5	50
2664RAC	1"	—	25
Threaded Couplings - *Die-Cast Zinc*			
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

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

Three-Piece Couplings

Insulated Catalog #	Trade Size	Unit Carton Qty.	Ship Carton Qty.
Malleable Iron			
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
Steel			
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

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

Compliance

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



Rigid to EMT Couplings Threaded/Compression



Rigid to EMT Couplings Set Screw

Rigid-EMT Couplings

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

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.
1552	1/2"	—	100
1553	3/4"	—	25
1554	1"	—	25

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

Rigid Combination Couplings

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

Compliance

- UL Listed E195969

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





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

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

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 »

Rigid Reducing Bushings

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

Product Features

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

Compliance

- UL Listed E195969



Reducing Bushings

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

Product Features

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

Compliance

- UL Listed E195969



Reducing Bushings

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 »

Rigid Locknuts

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

Compliance

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



Locknuts (1001)



Locknuts (1002 - 1220)

Locknuts - *Steel*

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

Non-UL Locknuts - *Steel*

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

Product Features

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

Compliance

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



Bonding Locknuts

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

Product Features

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



Grounding Ring

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 »

Rigid Sealing Locknuts

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

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

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

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



Universal Split Insulating Bushings



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

Product Features

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

Compliance

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



Bushings

Bushings - *Malleable Iron*

Catalog #	Trade Size	Unit Carton Qty.	Ship Carton Qty.
1102RAC	1/2"	—	100
1103	3/4"	—	100
1104	1"	—	50
1105	1-1/4"	—	50
1106	1-1/2"	—	50
1108	2"	—	50
1110	2-1/2"	—	30
1112	3"	—	10
1114	3-1/2"	—	10
1116	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.
1132*	1/2"	100	100
1133*	3/4"	100	50
1134*	1"	50	25
1135	1-1/4"	—	25
1136	1-1/2"	—	25
1138	2"	—	10
1126	2-1/2"	—	10
1127	3"	—	5
1128	3-1/2"	—	5
1129	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)

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

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)

Product Features

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



Two Hole Straps

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)

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

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

Product Features

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

Compliance

- UL Listed E195968



Clamp Backs

Clamp Backs – *Malleable Iron*

Catalog #	Trade Size		Unit Carton Qty.	Ship Carton Qty.
	RIGID SIZE	EMT SIZE		
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

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	IIIIIIII
3512RAC	3402	1/2"	50	200	—
3512-8	3402-8	1/2"	1	15	IIIIIIII
3513RAC	3403	3/4"	25	100	—
3513-8	3403-8	3/4"	1	10	IIIIIIII
3514RAC	3404	1"	—	10	—
3514-8	3404-8	1"	1	5	IIIIIIII
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

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

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



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
3541RAC*	3421*	3/8"	25	100	—
—	3421-8*	3/8"	1	15	IIIIIIII
3542	3422	1/2"	25	100	—
3542-8	3422-8	1/2"	1	15	IIIIIIII
3543	3423	3/4"	25	100	—
3543-8	3423-8	3/4"	1	10	IIIIIIII
3544	3424	1"	—	10	—
3544-8	3424-8	1"	1	5	IIIIIIII
3545	3425	1-1/4"	—	10	—
—	3425-8	1-1/4"	1	3	
3546	3426	1-1/2"	—	5	—
—	3426-8	1-1/2"	1	3	
3548	3428	2"	—	5	—
3550	3430	2-1/2"	—	1	—
3552	3432	3"	—	1	—
3556	3436	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).

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

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

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



Insulated w/Ground Lug
Steel/Malleable Iron

Straight - Insulated with Ground Lug – *Steel/Malleable Iron*

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

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

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

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

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



Insulated w/Ground Lug
Steel/Malleable Iron

45° - Insulated with Ground Lug – *Steel/Malleable Iron*

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

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

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

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

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



Insulated w/Ground Lug
Steel/Malleable Iron

90˚ - Insulated with ground Lug – *Steel/Malleable Iron*

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

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

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

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

Compliance

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



Straight Connectors
Nylon - for Type B Conduit

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	IIIIIIII
4723	3/4"	—	25	—
4723-8	3/4"	1	15	IIIIIIII
4724	1"	—	10	—
4725	1-1/4"	—	10	—
4726	1-1/2"	—	5	—
4728	2"	—	5	—

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



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	IIIIIIII
4733	3/4"	—	25	—
4733-8	3/4"	1	15	IIIIIIII
4734	1"	—	10	—
4734-8	1"	1	10	IIIIIIII

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
1/2" Hubs - Form 1				
3702-1	.125 - .250	—	25	—
3702-2	.250 - .375	—	25	—
3782-2	.250 - .375	1	15	IIIIIIII
3702-3	.375 - .425	—	25	—
3702-4	.425 - .500	—	25	—
1/2" Hubs - Form 2				
3702-5	.375 - .500	—	25	—
3782-5	.375 - .500	1	15	IIIIIIII
3702-6	.500 - .600	—	25	—
3782-6	.500 - .600	1	15	IIIIIIII
3/4" Hubs - Form 3				
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	—
1" Hubs - Form 4				
3704-1	.600 - .700	—	25	—
3704-2	.700 - .850	—	25	—
3704-3	.850 - 1.000	—	25	—
1-1/4" Hubs - Form 5				
3705-1	.850 - 1.000	—	25	—
3705-2	1.000 - 1.250	—	25	—
3705-3	1.250 - 1.400	—	25	—
1-1/2" Hubs - Form 6				
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.
1/2" Hubs - Form 1			
3792-1	.125 - .250	—	25
3792-2	.250 - .375	—	25
3792-3	.375 - .425	1	25
3792-4	.425 - .500	—	25
1/2" Hubs - Form 2			
3792-5	.375 - .500	—	25
3792-6	.500 - .600	1	25
3/4" Hubs - Form 3			
3793-1	.250 - .375	—	10
3793-2	.375 - .500	—	10
3793-3	.500 - .600	—	10
3793-4	.600 - .650	—	10
3793-6	.650 - .700	—	10
3793-5	.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.
1/4" Hubs - Form 1			
4699-5	.312 - .375	—	25
3/8" Hubs - Form 1			
4700-6	.375 - .437	1	25
1/2" Hubs - Form 2			
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
3/4" Hubs - Form 3			
4703-1	.375 - .500	—	15
4703-2	.500 - .625	—	15
4703-3	.625 - .750	—	15
4703-4	.750 - .875	—	15
1" Hubs - Form 4			
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
1/2" Hubs - Form 1				
4801-2	.187 - .250	—	25	—
4801-3	.250 - .312	—	25	—
4801-4	.312 - .375	—	25	—
4801-5	.375 - .437	—	25	—
1/2" Hubs - Form 2				
4801-0	.062 - .125	—	25	—
4802-4	.375 - .500	—	25	—
4802-5	.500 - .625	—	25	—
1/2" Hubs - Form 3				
4802-8	.625 - .750	—	15	—
4802-9	.750 - .875	—	15	—
3/4" Hubs - Form 2				
4803-2	.187 - .250	—	25	—
4803-4	.375 - .500	—	25	—
4803-5	.500 - .625	—	25	
3/4" Hubs - Form 3				
4803-8	.625 - .750	—	15	—
4803-9	.750 - .875	—	15	—
1" Hubs - Form 4				
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
Insulated - *Malleable Iron*				
3301	3/8"*	—	50	—
3302	1/2"	—	50	—
3302-8	1/2"	1	25	IIIIIIII
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	—
Uninsulated - *Malleable Iron*				
2101	3/8"*	—	50	—
2102	1/2"	—	50	—
2102-8	1/2"	1	25	IIIIIIII
2103	3/4"	—	25	—
2103-8	3/4"	1	20	IIIIIIII
2104	1"	—	25	—
2104-8	1"	1	5	IIIIIIII
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.
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

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	IIIIIIII
3203	**2203**	3/4"	—	25	—
3203-8	**2203-8**	3/4"	1	20	IIIIIIII
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

Compliance

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



Straight Squeeze Uninsulated

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

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

Compliance

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



45˚ Squeeze Connectors Uninsulated



90˚ Squeeze Connectors Uninsulated

Squeeze Connector, Uninsulated

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

*Notes: * Trade size knockout.*

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

Flexible Metal Conduit Fittings

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

Compliance

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



Uninsulated Screw-In Connectors

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

Compliance

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



2511
Set Screw Connector



2632
Set Screw Connector

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
Clamp Type Connector – *Die-Cast Zinc*				
2661	3/8"*	100	1000	—
Duplex Connector – *Die-Cast Zinc*				
2611	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

Product Features

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

Compliance

- UL File E195969



Flex - Rigid Couplings

Flex to Rigid Couplings – *Malleable Iron*

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



Flex - EMT Squeeze Couplings

Flex-EMT Squeeze Couplings – *Malleable Iron*

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

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

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	IIIIIIII

*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

Compliance

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



Set Screw Connector



Clamp Type Connector



Squeeze Type Connector

Connectors

Catalog #	Trade Size	Unit Carton Qty.	Ship Carton Qty.
Set Screw Connector – *Die-Cast Zinc*			
2511①	3/8"	100	1000
Clamp Type Connector – *Die-Cast Zinc*			
2661①	3/8"	100	1000
Squeeze Type Connector – *Die-Cast Zinc*			
2191②	3/8"	50	500
2192	1/2"	25	250
2193	3/4"	25	250
2194	1"	10	100

Notes: ①For 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.

②For 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.
90° Squeeze Type Connector, Uninsulated – *Die-Cast Zinc*			
2691	3/8"*	50	500
2692	1/2"	25	250
2693	3/4"	10	100
Duplex Connector – *Die-Cast Zinc*			
2611	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 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) RWFMC CONDUIT	12/2 - 12/3 3/8" Trade Size Flex 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, RWFMC
- 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
3838RAC	3/8"	25	100	IIIIIIII
40040RAC	3/8"	25	100	IIIIIIII

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		
RWFMC 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		
RWFMC 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 »

Metal Clad Cable Connectors

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.
Clamp Type Cable Connector – *Die-Cast Zinc*			
2661	3/8"*	100	1000
Duplex Cable Connector – *Die-Cast Zinc*			
2611	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"
DUPLEX - Part No. 2611	
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 Catalog #	UNINSULATED CATALOG #	Trade Size	Unit Carton Qty.	Ship Carton 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 CLAD CABLES	MCI-A CABLES	FEFMC
STEEL & ALUMINUM			STEEL & ALUMINUM		
2101DB 3201DB 3301DB	3/8" 3/8"	14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, .450-.660	14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, .450-.660	12-2, 12-3, 12-4, 12-6, 12-8, 10-3, 10-4, .400-.590	
3202DB 3302DB	1/2" 1/2"	12-4, 10-2, 10-3, 10-4, 8-2, 8-3, 8-4, 6-2, 6-3, .550-.920	10-2, 10-3, 10-4, 8-2, 8-3, .640-.920	12-6, 12-8 .520-.620	
3203DB 3303DB	3/4" 3/4"	AL: 8-3, 8-4, 6-2, 6-3, 6-4, 4-2, 4-3, .680-1.075 ST: 6-4, 4-2, 4-3, .930-1.075	AL: 6-4, 4-3, 3-3, .930-1.075 ST: 8-3, 8-4, 6-2, 6-3, 6-4, 4-3, 3-3, .730-1.075		
3204DB 3304DB	1" 1"	6-4, 4-3, 4-4, 3-2, 3-3, 2-3, 2-4, 1-3, 1-4, .930-1.468	6-4, 4-3, 4-4, 3-3, 3-4, .960-1.468		
3305DB 3306DB 3308DB 3310DB 3312DB 3314DB 3316DB	1-1/4" 1-1/2" 2" 2-1/2" 3" 3-1/2" 4"				1.150-1.610 1.490-1.950 1.765-2.450 2.270-3.060 2.725-3.560 3.410-4.060 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 »

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 14/2 NM (3 Cable) 14/3 NM (1 Cable) 12/3 NM (1 Cable) 12/3 NM (2 Cable) 12/2 NM (2 Cable) 10/2 NM (1 Cable) 10/2 NM (2 Cable) 10/3 NM (1 Cable) (2) 14-2	100	1000
2863	3/4"	10-3 through 8-2 14/3 NM (1 Cable) 14/3 NM (2 Cable) 12/3 NM (1 Cable) 10/3 NM (1 Cable) 10/3 NM (2 Cable) 8/3 NM (1 Cable) 6/2 NM (1 Cable) 6/3 NM (1 Cable) 4/2 NM (1 Cable)	50	500
2864	1"	10-3 through 4-3 12/3 NM (1 Cable) 10/3 NM (1 Cable) 10/3 NM (2 Cable) 8/2 NM (1 Cable) 8/2 NM (2 Cable) 8/2 NM (3 Cable) 8/3 NM (1 Cable) 8/3 NM (2 Cable) 6/2 NM (1 Cable) 6/2 NM (2 Cable) 6/2 NM (3 Cable) 6/3 NM (1 Cable) 4/2 NM (1 Cable) 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

Compliance

- Standard 514B
  UL Listed E195972, E195973



Clamp Type for Rigid/IMC or EMT



Clamp Type for SEU Cable

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

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

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 1-#6 through 1-#3	—	10	—
2440	3-#3/0 through 3-#4/0 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.
Aluminum					
4899-9	1/2"	Min. .20" x .40" Max. .25" x .55"	2#14, 2#12, 2#10	—	10
Nylon					
4799-1	1/2"	Min. .20" x .40" Max. .25" x .55"	2#14, 2#12, 2#10	—	25
4799-3	3/4"	Min. .20" x .60" Max. .26" x .78"	3#14, 3#12, 3#10	—	15
Steel					
2462	1/2"	Min. .255" 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.
For Oval Cable – *Die-Cast Zinc*				
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
For Oval or Round Cable – *Die-Cast Zinc*				
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.
For Bare Ground Wires – *Bronze Alloy*				
2504	1/2" - 1"	No. 2 Str. / No. 10 Sol.	—	25
2505	1-1/4" - 2"	No. 2 Str. / No. 10 Sol.	—	25
For Direct Burial in Earth or Concrete – *Bronze Alloy*				
2506	1/2" - 1"	No. 2 Str. / No. 10 Sol.	—	25
For Bare Armored Ground Wires – *Bronze Alloy*				
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.
For 1/2" Rigid Conduit – *Bronze Alloy*				
2512	1/2" - 1"	No. 6 Str. / No. 10 Sol.	—	25
2522	1-1/4" - 2"	No. 6 Str. / No. 10 Sol.	—	25
For 3/4" Rigid Conduit – *Bronze Alloy*				
2513	1/2" - 1"	No. 2/0 Str. / No. 10 Sol.	—	25

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

Conduit Support Fittings

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



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.
With Bolts – *Steel*					
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
With Threaded Hole – *Steel*					
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

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



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.
Parallel – *Galvanized Malleable Iron*				
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
Edge – *Galvanized Malleable Iron*				
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
Right Angle – *Galvanized Malleable Iron*				
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

Compliance

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



Knockout Seals - One Piece



Knockout Seals - Two Piece*

Knockout Seals

Catalog #	Nominal Cable Size	Unit Carton Qty.	Ship Carton Qty.
One Piece – *Steel*			
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
Two Piece – *Steel*			
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

c UL us LISTED

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	IIIIIIII
2709-9	Yes	2-9/16" Long, .0625" Thick	100	6.8	IIIIIIII*
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	IIIIIIII
2712-9R	Yes	2-3/4" Long, .0625" Thick	50	6.5	—
2712R	—	2-3/4" Long, .0625" Thick	100	6.5	IIIIIIII
2713**	—	5" Long, .051" Thick	50	10	IIIIIIII
2713R	—	5" Long, .0625" Thick	50	12.2	IIIIIIII

*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

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

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
2452	1/2"	50	100	—
2452-8	1/2"	2 per bag	25 bags of 2	IIIIIIII
2453	3/4"	25	50	—
2453-8	3/4"	2 per bag	20 bags of 2	IIIIIIII
2454	1"	25	50	—
2454-8	1"	2 per bag	10 bags of 2	IIIIIIII
2455	1-1/4"	5	25	—
2456	1-1/2"	5	25	—
2458	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

Compliance

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



3/4" Offset Nipples



Uninsulated Chase Nipples

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

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

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

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-1LB



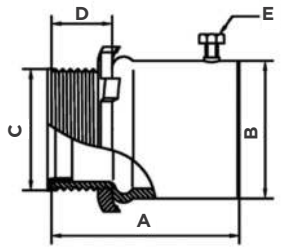
DS-5LB

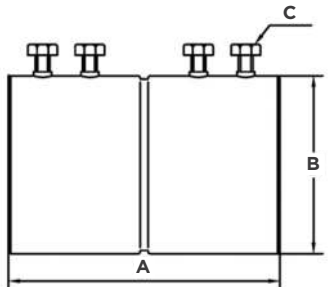
Duct Sealing Compound

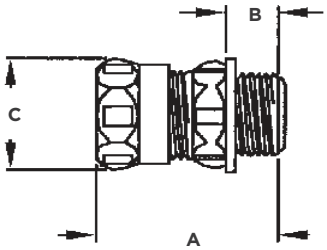
Catalog #	Trade Size	Unit Carton Qty.	Ship Carton Qty.
DS-1LB	1 LB Brick	—	30
DS-5LB	5 LB Brick	—	6

Detailed Drawings

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

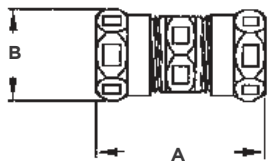
Set Screw Couplings

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

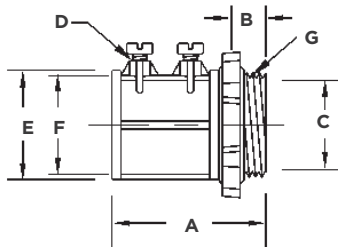
Insulated Catalog No.	Uninsulated Catalog No.	A	B	C
Steel				
2912, 2912-8	2902, 2902-8	1.58″	0.46″	1.16″
2913, 2913-8	2903, 2903-8	1.79″	0.45″	1.38″
2914, 2914-8	2904, 2904-8	1.90″	0.56″	1.64″
2915	2905	2.10″	0.65″	2.04″
2916	2906	2.25″	0.70″	2.27″
2918	2908	2.40″	0.66″	2.74″
2960	2940	2.50″	0.81″	3.62″
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″



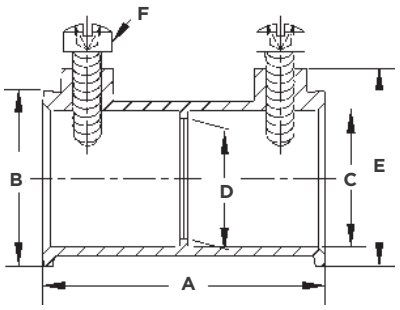
Connectors

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

Detailed Drawings

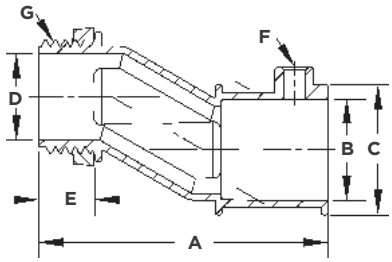
EMT Connectors & Couplings - Die Cast Zinc



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

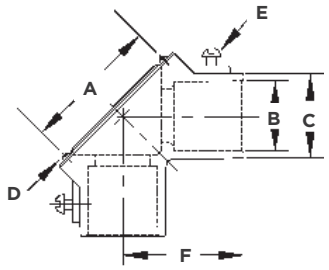


3/8" Offset Connectors

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.

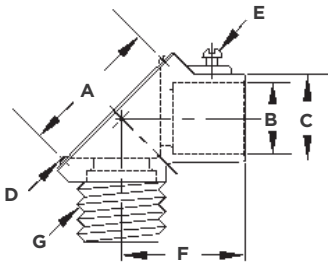
EMT Handy Ells



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

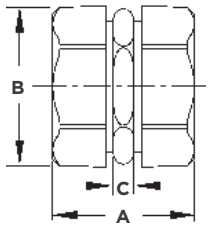


90° Handy Ells - Connectors

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.

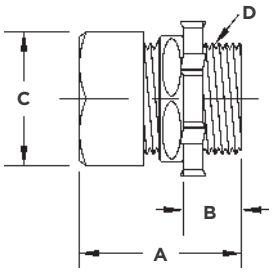
EMT Couplings & Connectors - Die Cast Zinc



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"

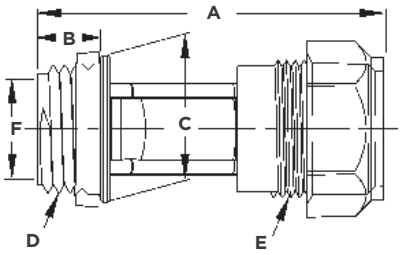
A = Overall length
B = Compression nut O.D. across flats
C = Body hex width



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

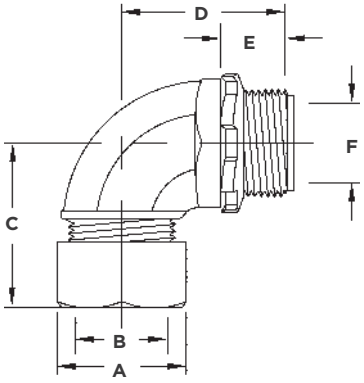
A = Overall length
B = Thread length
C = Compression nut across flats
D = Threads NPSM



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

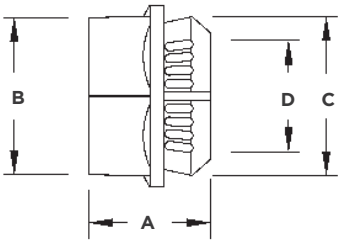
90˚ Short Angle Connectors

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.

Detailed Drawings

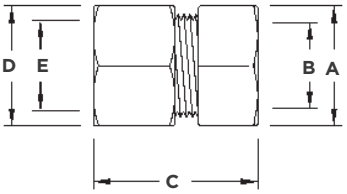
EMT Connectors & Combination Couplings



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"

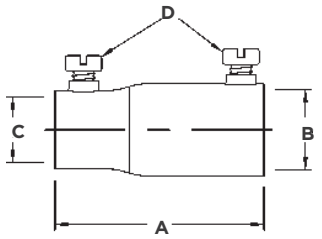
A = Overall length
B = O.D. of nut
C = O.D. of body
D = I.D. of throat



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"

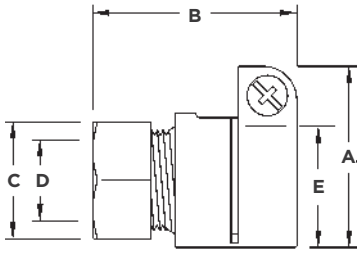
A = O.D. of hub
B = Throat I.D.
C = Overall length
D = Nut O.D.
E = Nut I.D.



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

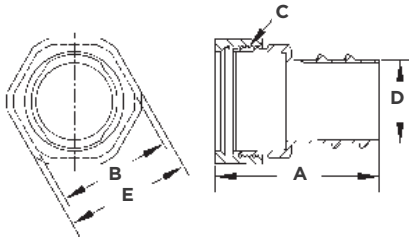
A = Overall length
B = I.D. rigid side
C = I.D. EMT side
D = Screw spec.



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"

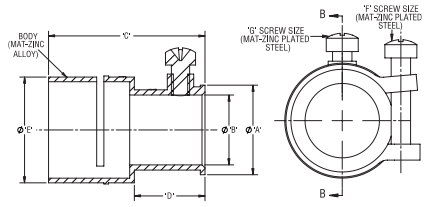
A = Width across flex side
B = Overall length
C = Nut O.D.
D = Nut I.D.
E = Clamping range (flex side)



EMT - Rigid - Couplings Threaded/Compression

Catalog Number	A	B	C 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

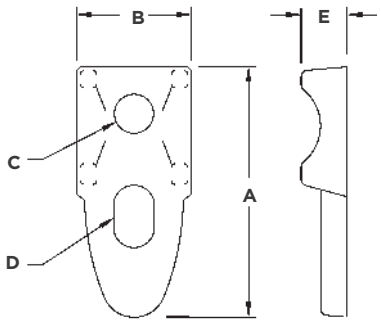


Combination Couplings

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

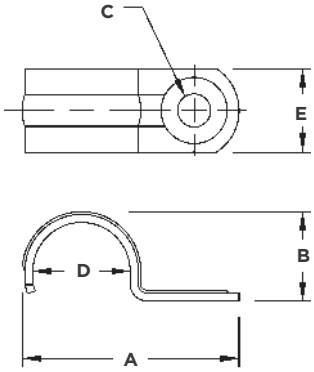
EMT Couplings & Connectors - Die Cast Zinc



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"

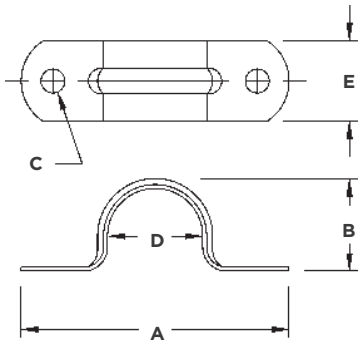
A = Overall length
B = Width
C = Hole diameter
D = Slot size
E = Height



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



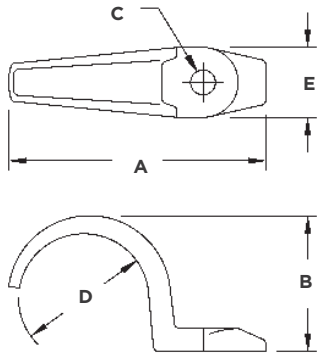
Two Hole Stamped Straps

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

Detailed Drawings

EMT Clamp Backs & Straps

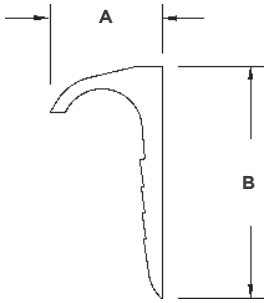


One Hole Straps

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

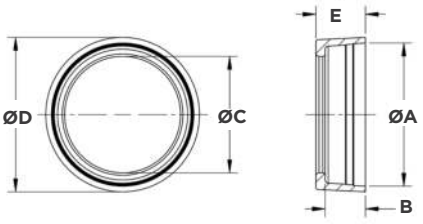


Nail-up Straps Stamped

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″

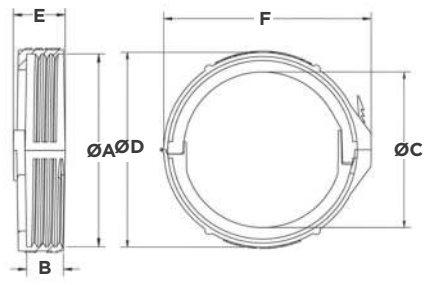
A = Width
B = Height

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″

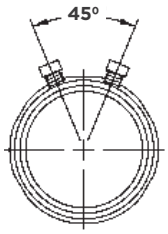


Universal Split Insulating Bushings – Polypropylene

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″

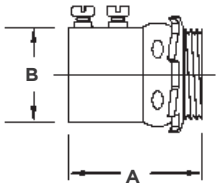
A = Thread I.D.
B = Inner thread depth
C = Throat I.D.
D = Diameter
E = Length
F = Max. width

Rigid and IMC Connectors & Couplings



2" size

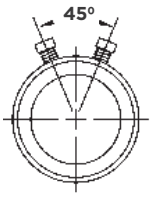
1-1/2" or smaller



single set screw

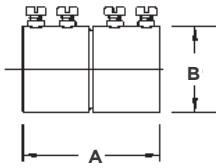
Set Screw Connectors

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



2-1/2" - 4" sizes
2 Set Screws
45° Both Ends

1" or smaller



1 - Screw Both Ends

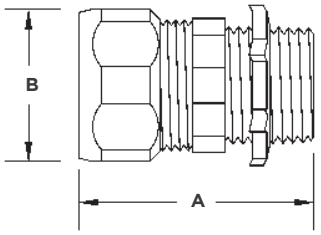
Set Screw Couplings

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.

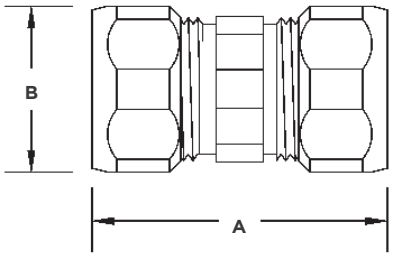
Detailed Drawings

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

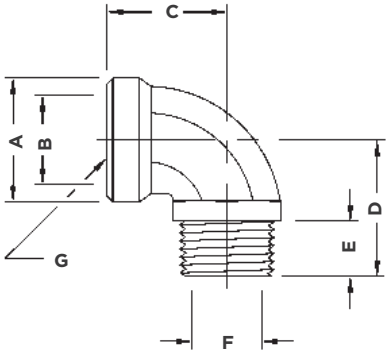


Couplings

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

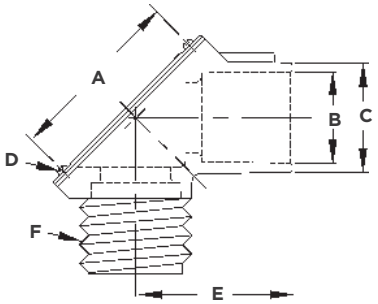


90˚ Short Elbows

Catalog Number	A	B	C	D	E	F	G 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

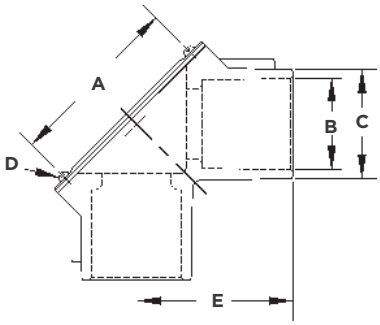
Rigid Handy Ells



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

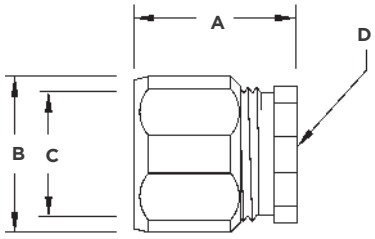


90° Handy Ells Threaded - Couplings

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

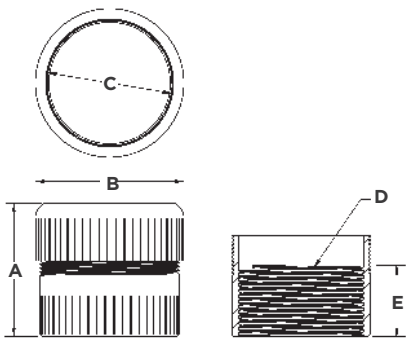
Rigid Three-Piece Couplings



Three-Piece Couplings

Catalog Number	A	B	C	D 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



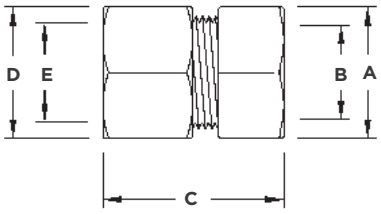
Three-Piece Super Couplings

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

Detailed Drawings

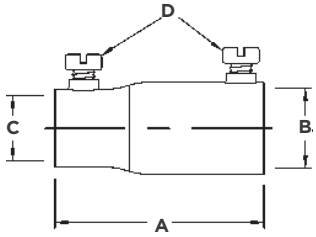
Rigid Combination Couplings



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″

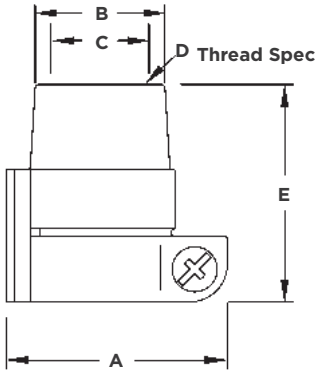
A = Nut O.D.
B = Nut I.D.
C = Overall length
D = O.D. of Hub
E = Throat I.D.



Rigid - EMT Couplings Set Screw

Catalog Number	A	B	C	D 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

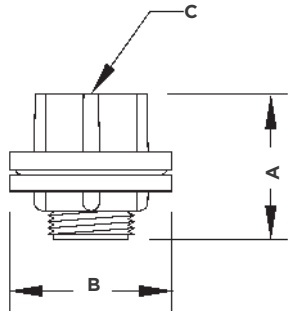


Rigid - Flex Couplings

Catalog Number	A	B	C	D 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

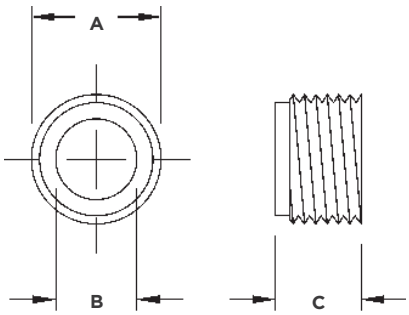


Threaded Hubs Insulated Throat

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



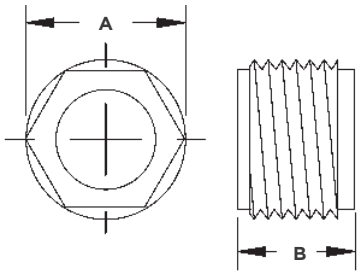
Reducing Bushings

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

Detailed Drawings

Rigid Reducing Bushings

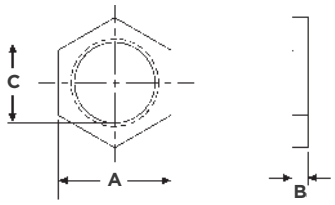


Reducing Bushings

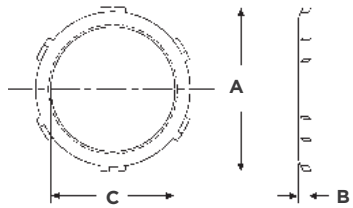
Catalog Number	A	Thread Spec.	B	Thread Spec.
1160	2-7/8″	2-1/2″- 8 NPT	1-5/16″	1-1/4″-11-1/2 NPT
1161	2-7/8″	2-1/2″- 8 NPT	1-5/16″	1-1/2″-11-1/2 NPT
1162	2-7/8″	2-1/2″- 8 NPT	1-5/16″	2″-11-1/2 NPT
1168	3-7/16″	3″- 8 NPT	1-5/16″	2″-11-1/2 NPT
1169	3-7/16″	3″- 8 NPT	1-9/16″	2-1/2″- 8 NPT
1175	4″	3-1/2″- 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



1001 only



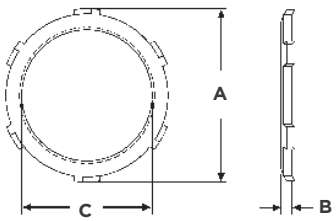
1002 - 1024

Locknuts

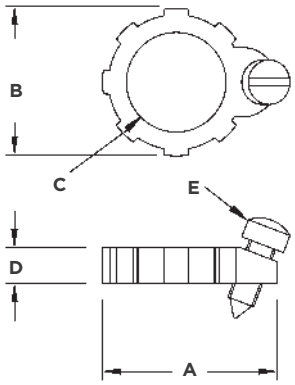
Catalog Number	A	B	C
1001	0.850″	0.125″	3/8″ - 18
1002	1.130″	0.125″	1/2″-14
1003	1.390″	0.125″	3/4″-14
1004	1.705″	0.170″	1″- 11.5
1005	2.065″	0.170″	1-1/4″- 11.5
1006	2.360″	0.170″	1-1/2″- 11.5
1008	2.860″	0.170″	2″ - 11.5
1010	3.430″	0.170″	2-1/2″ - 8
1012	4.110″	0.170″	3″ - 8
1014	4.690″	0.170″	3-1/2″ - 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



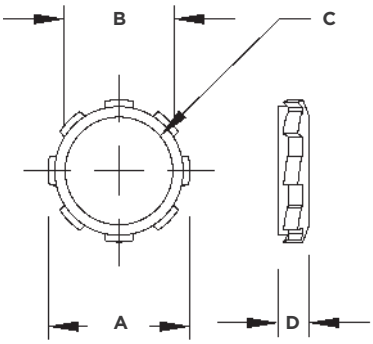
Rigid Locknuts



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



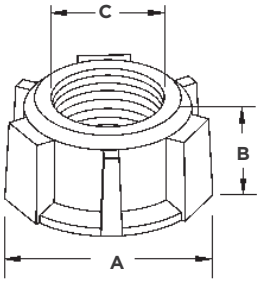
Sealing Locknuts

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

Detailed Drawings

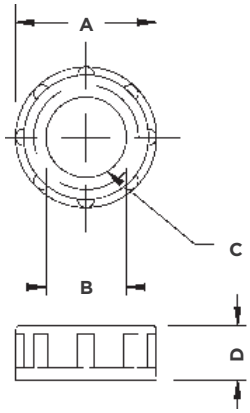
Rigid Bushings



Bushings

Catalog Number	A	B	C 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″

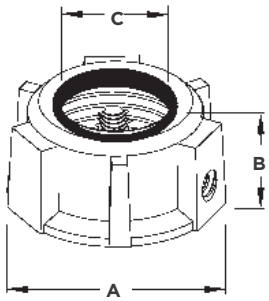
A = O.D.
B = Thickness
C = I.D.



Insulating Bushings

Catalog Number	A	B	C 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

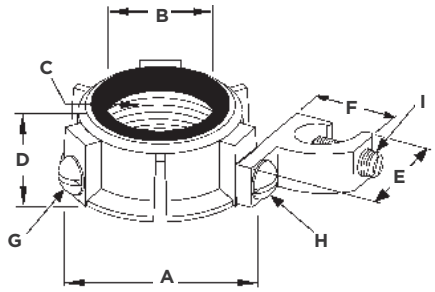


Insulated Bushings

Catalog Number	A	B	C 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



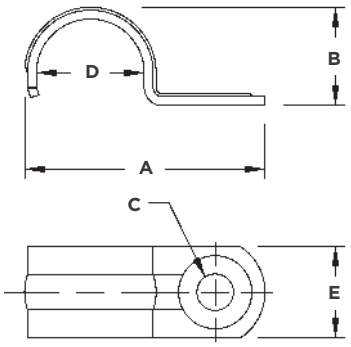
150° Insulated Grounding Bushings

Catalog Number	A	B	C	D	E	F	G Set Screw	H Pan Head Screw	I Set Screw
Lay-in Lug									
1212	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"
1213	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"
1214	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"
1215	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"
1216	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"
1218	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"
1290	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"
1292RAC	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"
1294	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"
1296	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"
1262DC	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"
1263DC	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"
1264DC	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"
Feed-thru Lug									
1222	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"
1223	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"
1224	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"
1225	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"
1226	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"
1228	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"
1230	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"
1232RAC	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"
1234	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"
1236	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

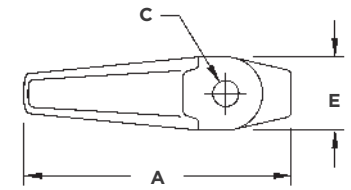
Detailed Drawings

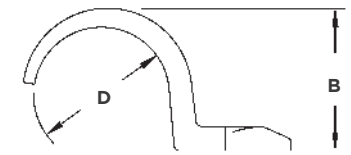
Rigid Straps



One-Hole Push-on Straps

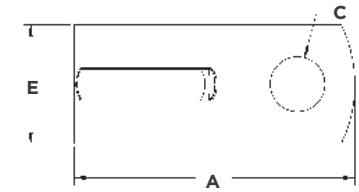
Catalog Number	A	B	C	D	E
1332	1-59/64″	7/8″	9/32″	55/64″	7/8″
1333	2-5/16″	1-3/32″	9/32″	1-1/16″	3/4″
1334	2-11/16″	1-1/4″	9/32″	1-5/16″	3/4″
1335	3-1/8″	1-5/8″	11/32″	1-5/8″	7/8″
1336	3-27/32″	1-7/8″	13/32″	1-15/16″	7/8″
1338	4-9/16″	2-7/16″	13/32″	2-3/8″	7/8″
1337	5-5/16″	3″	21/32″	2-7/8″	1-1/4″
1339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

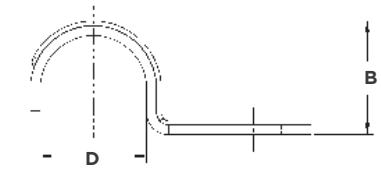
Catalog Number	A	B	C	D	E
1301	1-7/8″	25/32″	11/32″	11/16″	21/32″
1302	2-1/64″	31/32″	9/32″	27/32″	5/8″
1303	2-7/32″	1-1/32″	5/16″	1-1/16″	3/4″
1304	2-23/32″	1-5/16″	23/64″	1-5/16″	29/32″
1305	3-1/32″	1-25/32″	13/32″	1-21/32″	51/64″
1306	3-27/32″	2-5/64″	27/64″	1-29/32″	1-1/16″
1308	4-1/2″	2-35/64″	9/16″	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

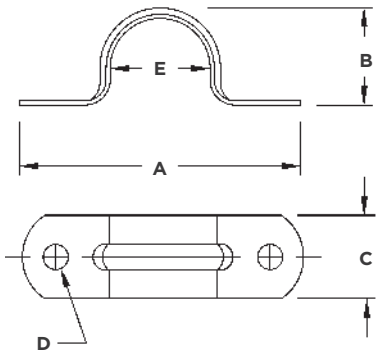
Catalog Number	A	B	C	D	E
2081	1.347″	.545″	.262″	.512″	.570″

A = Overall length
B = Height
C = Hole size
D = Diameter
E = Width of strap



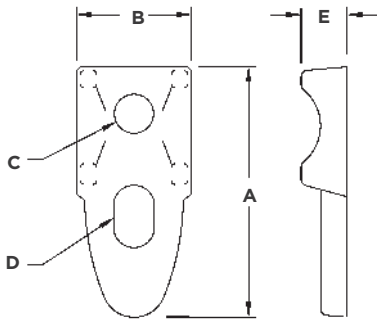
Two-Hole Straps

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

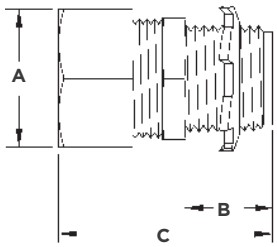


Clamp Backs

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



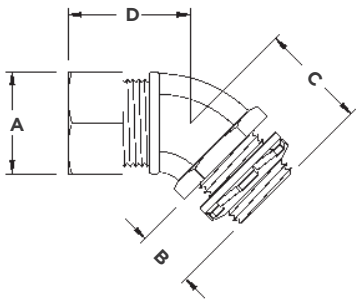
Straight Connectors

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

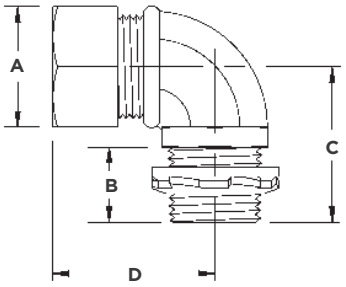
Detailed Drawings

Liquidtight Conduit and Cord Connectors



45° Connectors

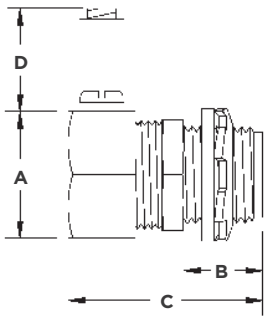
Insulated Catalog No.	Uninsulated Catalog No.	A	B	Thread Spec.	C	D
3561	**3441**	1-1/16″	17/32″	1/2″-14 NPT	1-3/8″	1-1/32″
3562	**3442**	1-3/16″	9/16″	1/2″-14 NPT	1-1/4″	1-1/16″
3563	**3443**	1-13/32″	19/32″	3/4″-14 NPT	1-21/32″	1-3/16″
3564	**3444**	1-45/64″	5/8″	1″-11-1/2 NPT	1-21/32″	1-13/32″
3565	**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

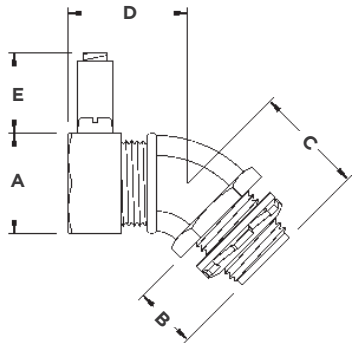


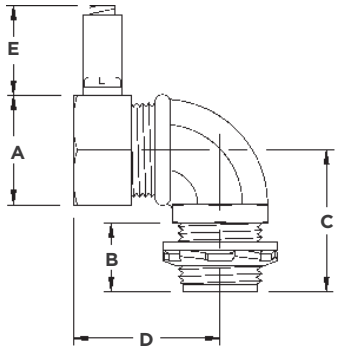
Straight Connectors with Ground Lug

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

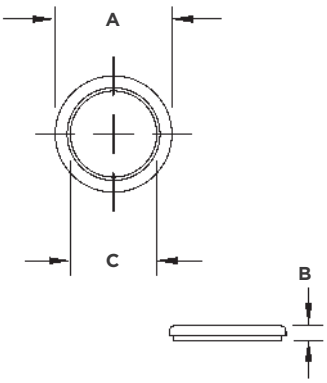
Uninsulated Catalog No.	A	B	Thread Spec.	C	D	E
3561-3	1-1/16″	17/32″	1/2″-14 NPT	1-3/8″	1-1/32″	25/32″
3562-3	1-3/16″	9/16″	1/2″-14 NPT	1-1/4″	1-1/16″	25/32″
3563-3	1-13/32″	19/32″	3/4″-14 NPT	1-21/32″	1-3/16″	25/32″
3564-4	1-45/64″	5/8″	1″-11-1/2 NPT	1-21/32″	1-13/32″	25/32″
3565-3	2-3/16″	23/32″	1-1/4″-11-1/2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



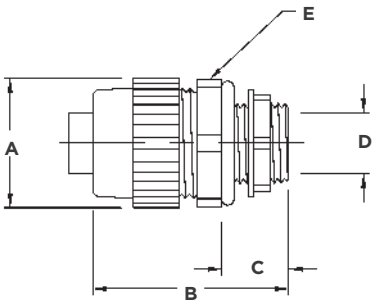
Sealing Washers - Steel

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.

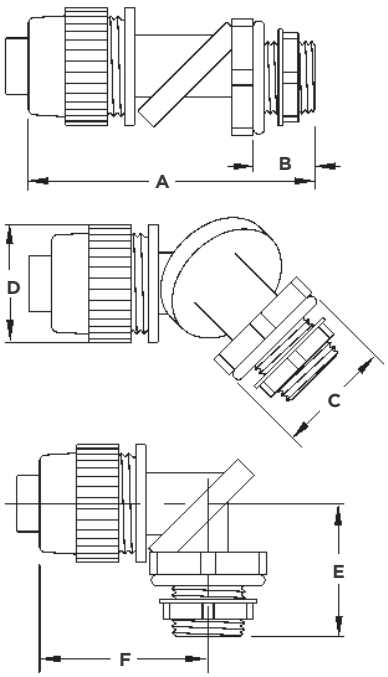
Detailed Drawings

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″



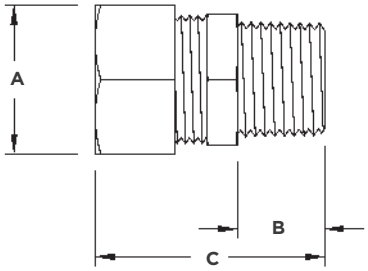
Multi Position Connectors - Nylon - For Extra Flexible Tubing

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*

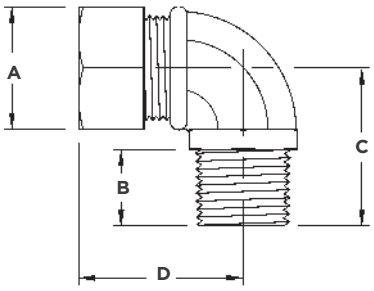
Liquidtight Conduit and Cord Connectors



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″

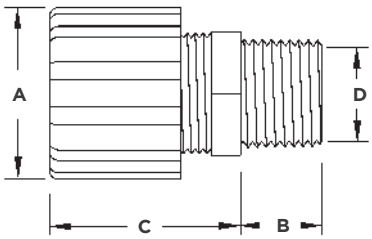
A = Nut Flats
B = Thread length and thread spec.
C = Overall Length



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″

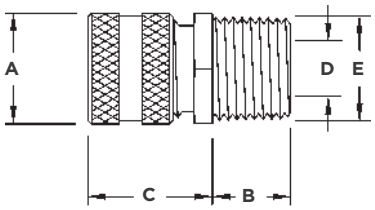
A = Nut Flats
B = Thread length and thread spec.
C = Thread to bend
D = Nut to bend



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

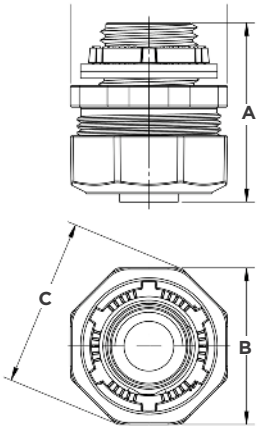
Hub Size	Form Size	A Dia.	B Ref.	C	D	E	
						A/C*	A/F**
1/2″	F1	.88″	.46″	.90″	.44″	1.00″	.88″
1/2″	F2	1.13″	.55″	1.10″	.64″	1.11″	1.00″
1/2″	F3	1.38″	.55″	1.50″	.64″	1.40″	1.25″
3/4″	F2	1.13″	.55″	1.10″	.64″	1.29″	1.13″
3/4″	F3	1.38″	.55″	1.50″	.82″	1.40″	1.25″
1″	F4	1.75″	.71″	1.60″	1.02″	1.81″	1.62″

**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

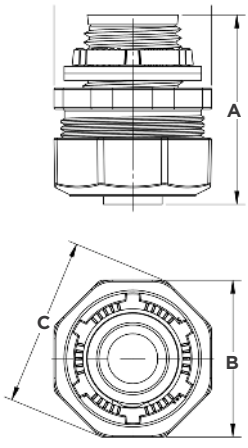
Detailed Drawings

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″

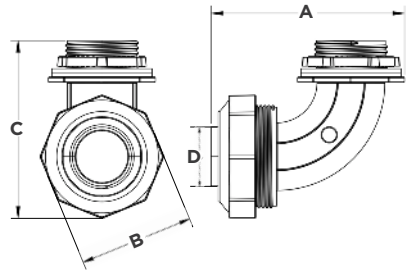


Straight Connector, Uninsulated

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″

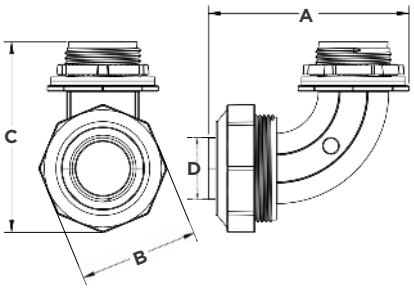
A = Overall length
B = Clamping range
C = Max. width
D = Throat I.D.

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



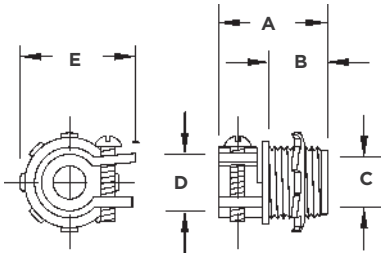
90° Uninsulated

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.

Detailed Drawings

Flexible Metal Conduit Fittings



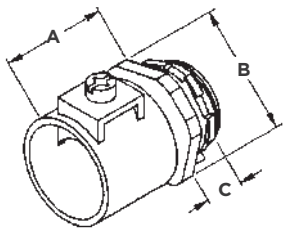
Straight Squeeze Connector, Insulated

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	5-23/64″	1-39/64″	4″- 8 NPS	3.915″	4.560″ MAX	7-15/64″

Flexible Metal Conduit Fittings



Straight DOUBLE BITE Saddle Connectors

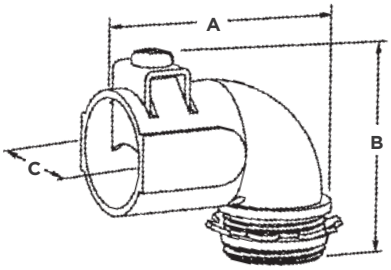
Catalog Number	A	B	C
3301DB	1-3/16″	1-1/4″	1/2″
3302DB	1-3/8″	1-1/4″	7/16″
3303DB	1-3/8″	1-7/16″	7/16″
3304DB	1-9/16″	1-13/16″	1/2″
3305DB	2-3/16″	2-1/8″	5/8″
3306DB	2-7/16″	2-1/2″	5/8″
3308DB	2-9/16″	3″	5/8″
3310DB	2-11/16″	3-5/8″	13/16″
3312DB	2-13/16″	4-1/4″	15/16″
3314DB	2-15/16″	4-3/4″	1″
3316DB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

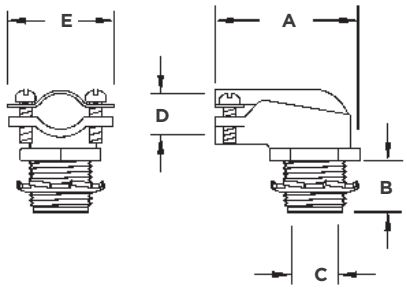
A = Overall length
B = O.D. body
C = Thread length

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.





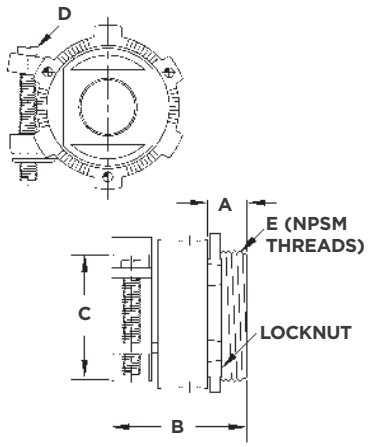
90˚ Squeeze Connectors

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

Detailed Drawings

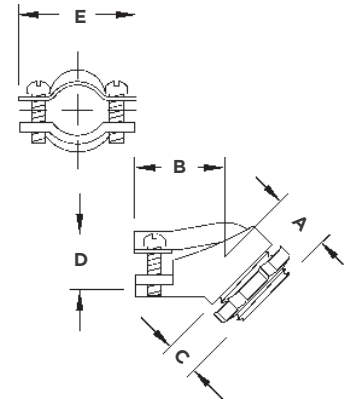
Flexible Metal Conduit Fittings



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

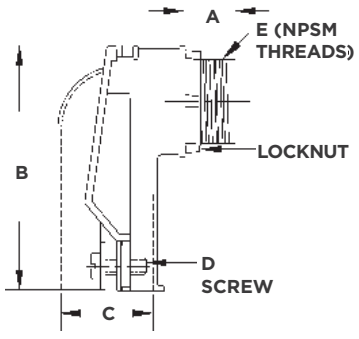
A = Thread length
B = Overall length
C = Conduit opening
D = Screw spec
E = Thread spec



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

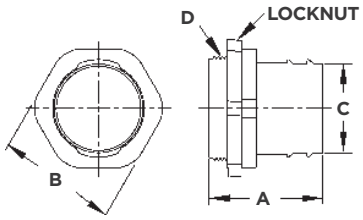


90° Squeeze Connectors, Uninsulated

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

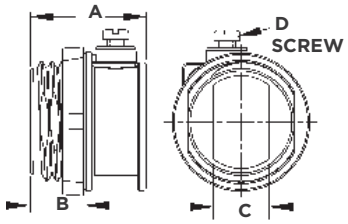
Flexible Metal Conduit Fittings



Screw-in Type Connectors - Uninsulated

Catalog Number	A	B	C	D 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

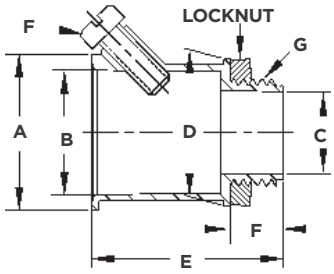
A = Overall length
B = Dia. across flats
C = Body Dia.
D = Thread spec



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

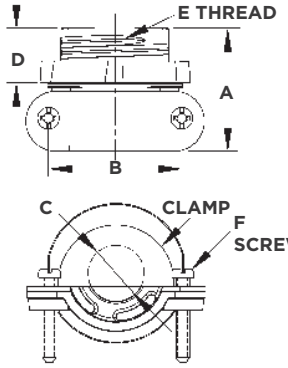
Catalog Number	A	B	C	D	E	F	G	H
2632	1-3/16"	61/64"	39/64"	1-1/8"	1-1/2"	3/64"	1/2-14 NPSM	10-24 x 1/2"

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

Detailed Drawings

Flexible Metal Conduit Fittings

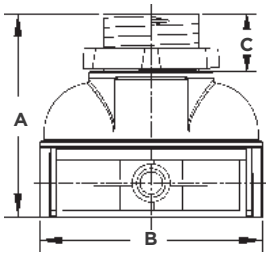
Clamp Type Connector



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

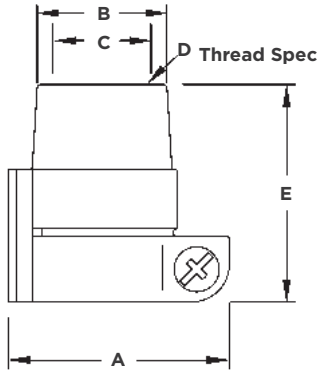
Duplex Connector



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

A = Overall length
B = Width
C = Thread length

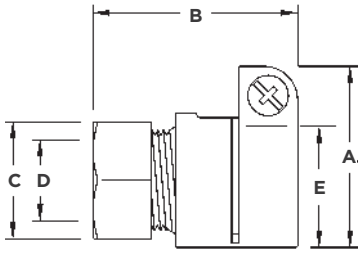
Flex to Rigid Couplings



Catalog Number	A	B	C	D 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

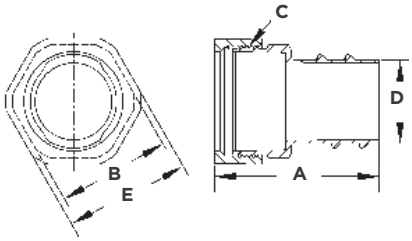
Flex EMT Squeeze Couplings



Catalog Number	A	B	C	D 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)

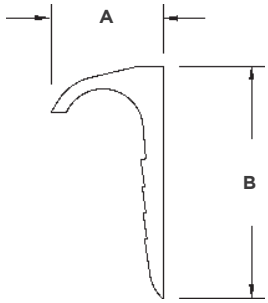
Flexible Metal Conduit Fittings



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"

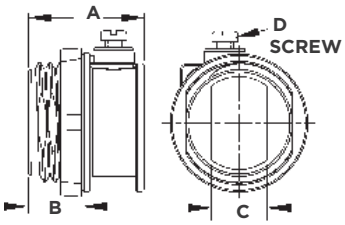
A = Overall length
B = Body across flat
C = Thread spec
D = Throat I.D.
E = Nut across flat



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"

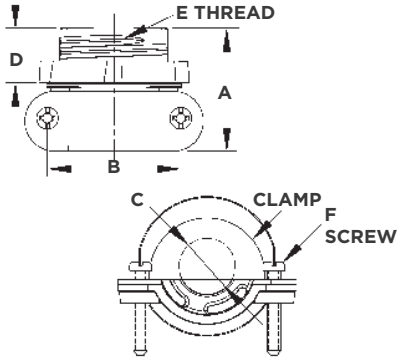
Armored Cable Connectors



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"

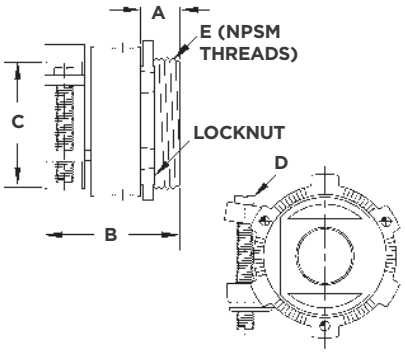
A = Overall length
B = Thread length
C = Throat Dia.
D = Screw Size



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



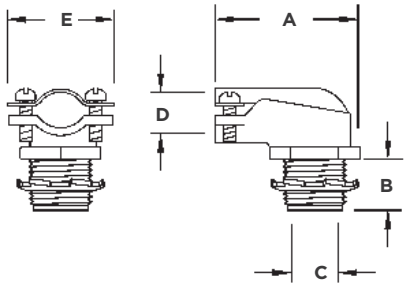
Squeeze Type Connectors, Uninsulated

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

Detailed Drawings

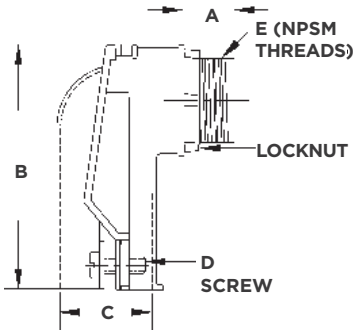
Armored Cable Connectors



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"

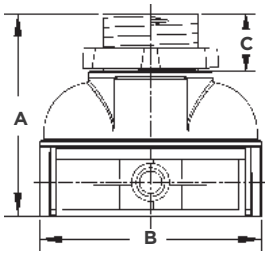
A = Overall length
B = Thread length and thread spec
C = Throat I.D.
D = Clamping range
E = Maximum width body



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

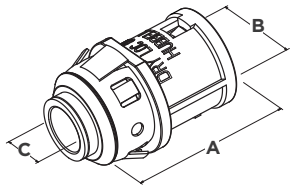


Duplex Connector

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

A = Overall length
B = Width
C = Thread length

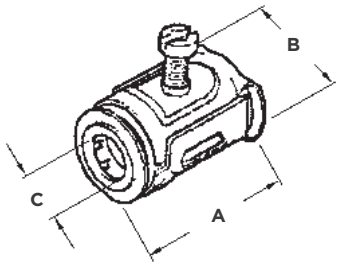
Metal Clad Cable Connectors



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.



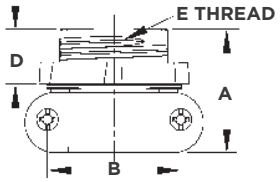
Screw Type Cable Connectors

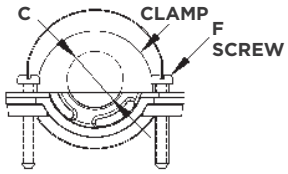
Catalog Number	A	B	C
2800	1-7/16″	7/8″	7/16″
2801	1-11/16″	1-5/16″	9/16″

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

Detailed Drawings

Metal Clad Cable Connectors

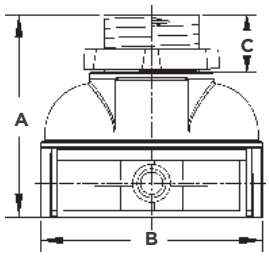




Clamp Type Cable Connector

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

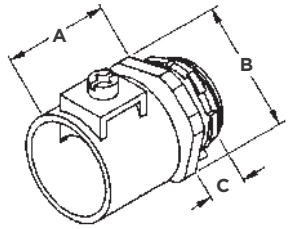


Duplex Connector

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

A = Overall length
B = Width
C = Thread length

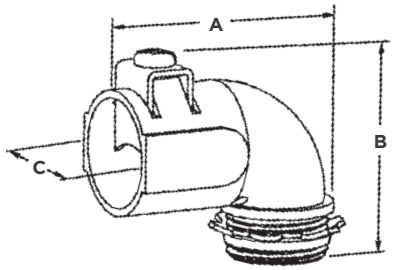
Double Bite Saddle Connectors



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

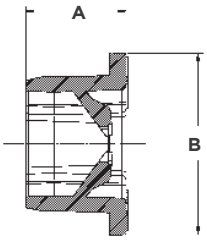


90˚ Saddle Connectors

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.

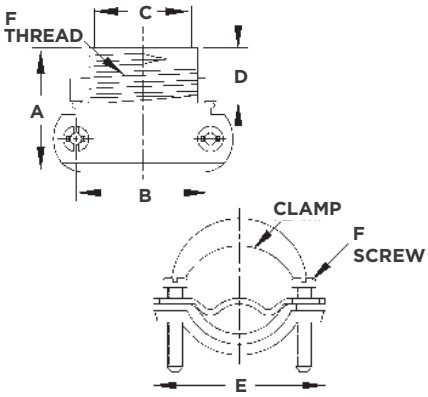
Nonmetallic Sheathed Cable Connectors & Accessories



Nonmetallic Sheathed Cable Connector

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

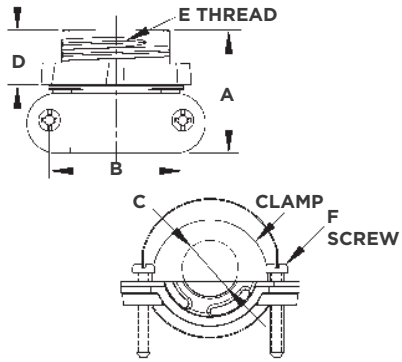
A = Overall length
B = Flange O.D.



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"

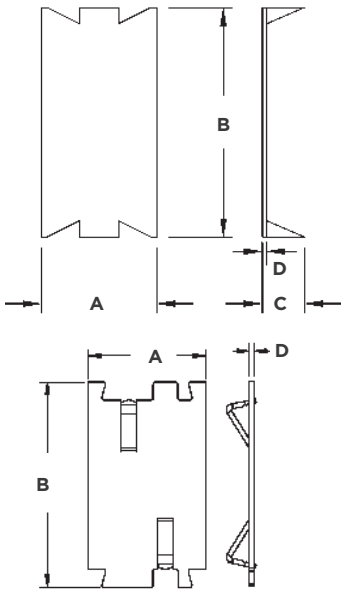
A = Length
B = Screw centerlines
C = Throat I.D.
D = Thread length
E = Max. body width
F = Thread spec.
G = Screw



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"

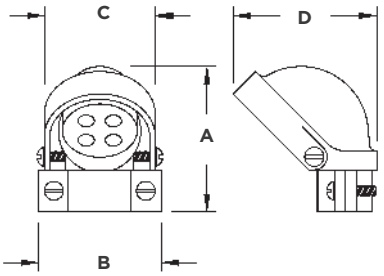
PUZZLE-PLATE® Cable Protectors

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

Detailed Drawings

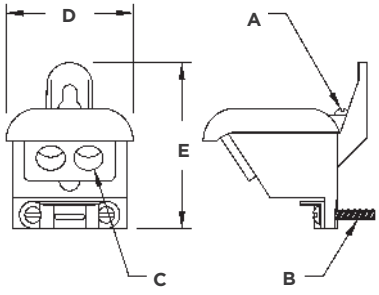
Service Entrance Fittings



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.,
					3 Holes 13/32″ Dia.
2404	3-9/32″	2-39/64″	2-39/64″	3-3/8″	3 Holes 1/2″ Dia.,
					2 Holes 7/16″ Dia.
2405	3-1/4″	3-3/32″	3-3/32″	4-7/32″	3 Holes 5/8″ Dia.,
					2 Holes 7/16″ Dia.
2406	4-43/64″	3-3/4″	3-13/32″	5-3/32″	3 Holes 3/4″ Dia.,
					2 Holes 19/32″ Dia.,
					1 Hole 7/16″ Dia.
2408	6″	4-1/2″	4-23/32″	6-19/32″	3 Holes 1″ Dia.,
					2 Holes 3/4″ Dia.,
					1 Hole 17/32″ Dia.
2410	8″	5-13/16″	6-7/16″	9-57/64″	3 Holes 1-5/16″ Dia.,
					3 Holes 7/8″ Dia.,
					1 Hole 1″ Dia.
2412	8-7/64″	6-3/8″	6-7/16″	10-1/64″	3 Holes 1-5/16″ Dia.,
					1 Hole 1″ Dia.
2414	9-9/16″	7-7/64″	8-5/32″	13-1/16″	3 Holes 1-5/16″ Dia.,
					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.,
					4 Holes 1-1/8″ Dia.

A = Height
B = Width of clamp
C = Width of head
D = Depth of head

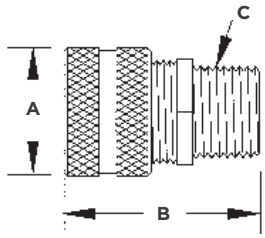


Entrance Heads, Clamp Type for SEU Cable

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

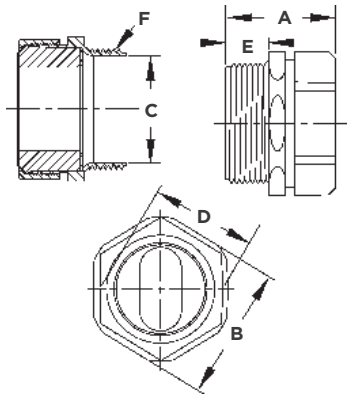
Service Entrance Fittings



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

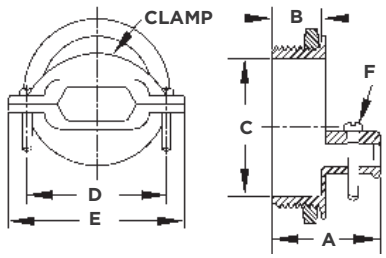
A = Nut O.D.
B = Length
C = Thread spec



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

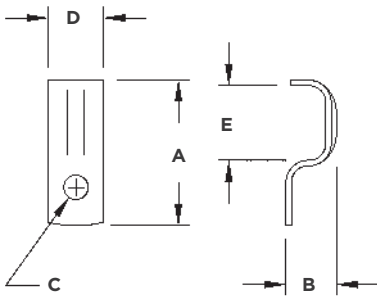
A = Overall length
B = Nut across flat
C = Throat dia.
D = Body across flat
E = Thread length
F = Thread spec



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



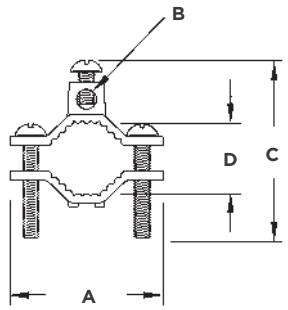
One Hole Cable Straps

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

Detailed Drawings

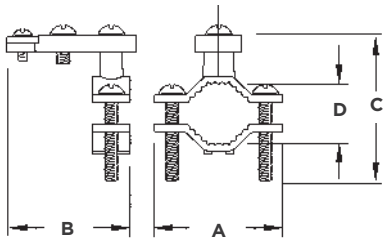
Grounding



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"

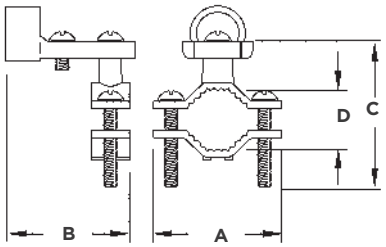
A = Width
B = Hole diameter
C = Height
C = Height
D = Min./Max. clamping range



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

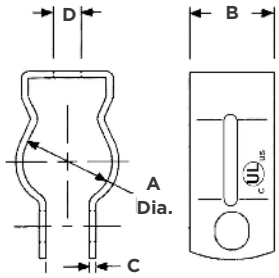


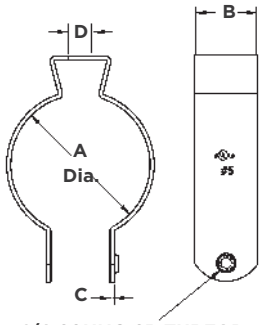
Ground Clamps for 1/2" Rigid Conduit

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



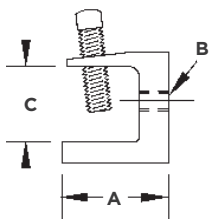


1/4-20UNC-2B THREAD
ON EXTRUDED HOLE

Conduit Hangers

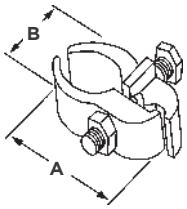
Catalog Number	A	B	C	D
With Nut and Bolt				
2052	0.80″	0.75″	0.04″	0.25″
2053	1.00″	0.75″	0.04″	0.25″
2054	1.20″	0.87″	0.04″	0.25″
2041	1.50″	0.87″	0.04″	0.25″
2055	1.70″	0.87″	0.04″	0.25″
2056	1.87″	1.00″	0.04″	0.31″
2058	2.25″	1.00″	0.04″	0.31″
2057	2.87″	1.25″	0.63″	0.31″
2059	3.50″	1.25″	0.63″	0.31″
2060	4.00″	1.25″	0.63″	0.31″
2061	4.50″	1.25″	0.63″	0.31″
With Bolt and Threaded Hole				
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″

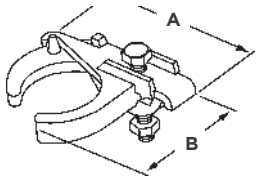
A = Inner Diameter
B = Width
C = Thickness
D = Hole Diameter



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

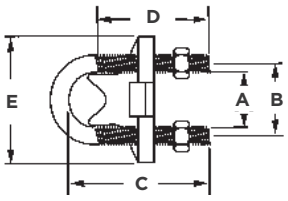
Catalog Number	A	B
2322PC	2-7/8″	1-7/16″
2323PC	3-1/16″	1-11/16″
2324PC	3-1/4″	2″
2325PC	3-5/8″	2-1/8″
2326PC	3-7/8″	2-3/16″
2328PC	4-5/8″	2-7/8″
2330PC	5-1/4″	3-1/4″
2332PC	5-7/8″	3-7/8″
2334PC	6-5/16″	4-5/16″
2336PC	6-13/16″	4-13/16″

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″

Detailed Drawings

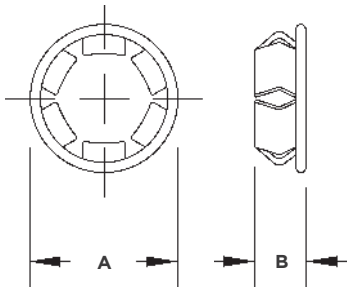
Conduit Support Fittings

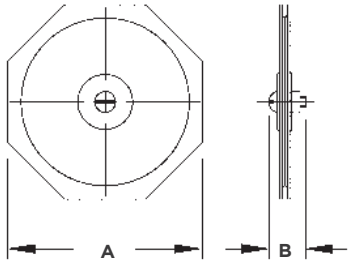


Right Angle Conduit Clamps

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

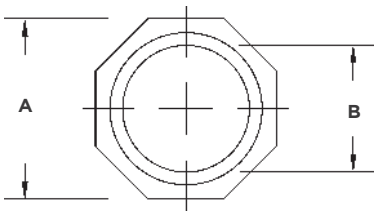
Catalog Number	A	B
1042	1-5/64″	23/64″
1043	1-15/64″	5/16″
1044	1-29/64″	11/32″
1045	1-13/16″	11/32″
1046	2-13/64″	11/32″
1048	2-43/64″	3/8″

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″

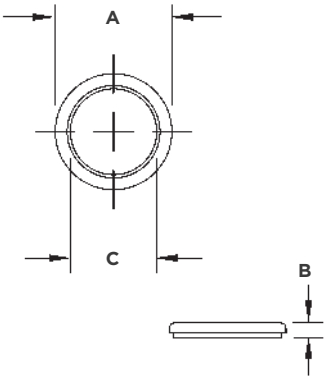
A = O. D. *B = Height*

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″



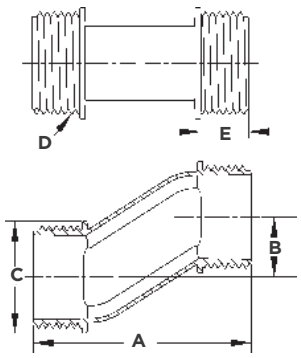
Sealing Washers - Steel

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. *C = I.D.*
B = Thickness

Detailed Drawings

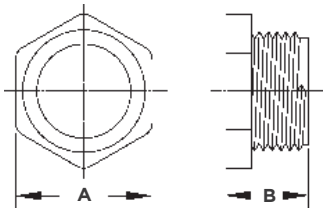
Miscellaneous Fittings



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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