

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

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

Fittings should be installed by licensed electricians in compliance with national and local electrical codes.

Standards

Where applicable, RACO® products are engineered in accordance with the standards established by Underwriters' Laboratories (UL). Most products are listed by UL and also certified by the Canadian Standards Association (CSA). 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 FB1-2003, U.L. 467, U.L. 514B,

and CSA Standard C22.2 #18. Note: ANSI Standard C80-4 has been cancelled and replaced by NEMA FB-1.

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 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.

Hazardous Locations

RACO® liquidtight conduit and cord connectors are approved for use in hazardous locations by the National Electrical Code. Applications and the Code reference include:

- Class 1 Div. 2 where volatile liquids are handled or stored (501-4b)
- Class 2 Div. 1 where combustible dust is in the air (502-4a2)
- Class 2 Div. 2 where dust deposits may accumulate (502-4b2)

Class 3 Div. 1 where easily ignitable fibers are manufactured or used (503-3a2)

Class 3 Div. 2 where easily ignitable fibers are handled or stored (503-3b)

The Code does not permit liquidtight connectors for Class 1, Div. 1, locations where volatile liquids and flammable gases are likely to be in the air.



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.

EMT FITTINGS

STEEL - SET SCREW CONNECTORS

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 insures 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 electro-plated 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 an attractive presentation

Compliances

1/2"- 2"

-  - Standard 514B
- C22.2 # 18

2-1/2"- 4"

-  - Standard 514B

2-1/2"- 4"

-  - C22.2 # 18



Uninsulated Throat Connectors
Steel



Insulated Connectors
Steel

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION

SET SCREW CONNECTORS – STEEL

INSULATED CATALOG NUMBER	UNINSULATED CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2122	2002	1/2"	50	500	—
2122-8	2002-8	1/2"	1	25	
2123	2003	3/4"	25	250	—
2123-8	2003-8	3/4"	1	20	
—	2004	1"	25	100	—
2124	—	1"	—	25	—
2124-8	2004-8	1"	1	10	
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	—

B4**EMT FITTINGS****STEEL - SET SCREW COUPLINGS****RACO COMMERCIAL
FITTINGS****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

Product Features

- All steel construction insures 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 an attractive presentation

Compliances**1/2"- 2"**

-  - Standard 514B
- C22.2 # 18

2-1/2"- 4"

-  - Standard 514B
 -  - C22.2 # 18

**COUPLINGS
STEEL****ORDERING INFORMATION****COUPLINGS - STEEL**

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2022	1/2"	50	500	—
2022-8	1/2"	1	25	
2023	3/4"	25	250	—
2023-8	3/4"	1	20	
2024	1"	25	100	—
2024-8	1"	1	10	
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	—

EMT FITTINGS

STEEL - COMPRESSION CONNECTORS

Applications

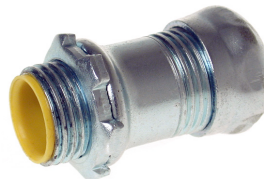
- For use to bond EMT conduit to a box or enclosure
- RACO® 1/2" to 4" connectors provide concrete-tight connections
- RACO® compression connectors are suitable for applications above 600V

Product Features

- All steel construction insures mechanical protection for the raceway
- All components are zinc electro plated 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 an attractive presentation

Compliances

-  - Standard 514B
- C22.2 # 18



Insulated Throat Connectors
Steel



Uninsulated Connectors
Steel

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION

COMPRESSION CONNECTORS – STEEL

INSULATED CATALOG NUMBER	UNINSULATED CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2912	2902	1/2"	50	500	—
2912-8	2902-8	1/2"	1	25	
2913	2903	3/4"	25	250	—
2913-8	2903-8	3/4"	1	20	
2914	2904	1"	25	100	—
2914-8	2904-8	1"	1	10	
2915	2905	1-1/4"	5	25	—
2916	2906	1-1/2"	—	20	—
2918	2908	2"	—	20	—
2960	2940	2-1/2"	—	5	—
2962	2942	3"	—	1	—
2964	2944	3-1/2"	—	1	—
2966	2946	4"	—	1	—

B6**EMT FITTINGS****STEEL - COMPRESSION COUPLINGS****RACO COMMERCIAL
FITTINGS****Applications**

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

Product Features

- All steel construction insures mechanical protection for the raceway
- All components are zinc electro plated 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 an attractive presentation

Compliances

-  - Standard 514B
- C22.2 # 18



**Couplings
Steel**

ORDERING INFORMATION**COUPLINGS - STEEL**

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2922	1/2"	50	500	—
2922-8	1/2"	1	25	
2923	3/4"	25	250	—
2923-8	3/4"	1	15	
2924	1"	25	100	—
2924-8	1"	1	10	
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	—

EMT FITTINGS

RAINTIGHT - STEEL - COMPRESSION FITTINGS

Applications

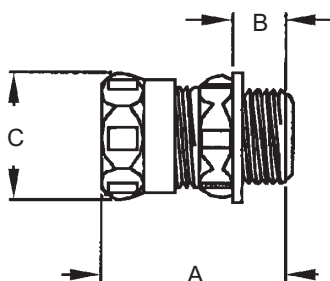
- For use in wet locations to bond and secure EMT conduit to a box or enclosure
- RACO® Raintight Steel EMT Compression Fittings have been designed to comply with the new U.L. Raintight test requirements and to comply with the requirements of the 2008 NEC 358.42 and 314.15

Product Features

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

Compliances

-  - Standard 514B
- C22.2 #18



Uninsulated Connectors
Steel



Insulated Connectors
Steel

ORDERING INFORMATION - DIMENSIONS

COMPRESSION FITTINGS - UNINSULATED CONNECTORS

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2902RT	1/2"	50	250	—
2903RT	3/4"	25	125	—
2904RT	1"	15	75	—
2905RT	1-1/4"	—	20	—
2906RT	1-1/2"	—	10	—
2908RT	2"	—	10	—
2940RT	2-1/2"	—	1	—
2942RT	3"	—	1	—
2944RT	3-1/2"	—	1	—
2946RT	4"	—	1	—

COMPRESSION FITTINGS - INSULATED CONNECTORS

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2912RT	1/2"	50	250	—
2913RT	3/4"	25	125	—
2914RT	1"	15	75	—
2915RT	1-1/4"	—	20	—
2916RT	1-1/2"	—	10	—
2918RT	2"	—	10	—
2960RT	2-1/2"	—	1	—
2962RT	3"	—	1	—
2964RT	3-1/2"	—	1	—
2966RT	4"	—	1	—

DIMENSIONS

INSULATED CONNECTOR	UNINSULATED CONNECTOR	A	B	C
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

B8**EMT FITTINGS****RAINTIGHT - STEEL - COMPRESSION COUPLINGS****RACO COMMERCIAL
FITTINGS****Applications**

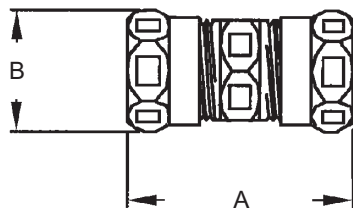
- For use in wet locations to couple two ends of EMT conduit
- RACO® Raintight Steel EMT Compression Fittings have been designed to comply with the new U.L. Raintight test requirements and to comply with the requirements of the 2008 NEC 358.42 and 314.15

Product Features

- All steel construction insures mechanical protection for the raceway
- Fittings are available in 1/2" to 4" trade sizes
- Zinc electroplate finish
- All fittings are marked "Wet Locations". Allows 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 so that when they come out of the carton they can be installed directly on the conduit. No need to waste time loosening compression nuts
- No need for special tools to install properly. Install these fittings like any other Steel EMT Compression Fitting. No need for a torque wrench to insure proper installation

Compliances

-  - Standard 514B
- C22.2 # 18

Couplings
Steel**ORDERING INFORMATION - DIMENSIONS****COMPRESSION FITTINGS - COUPLINGS**

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

DIMENSIONS

CATALOG NUMBER	A	B
2922RT	2.00	1.16
2923RT	2.15	1.38
2924RT	2.32	1.64
2925RT	2.50	2.04
2926RT	2.78	2.27
2928RT	2.88	2.74
2950RT	3.87	3.62
2952RT	4.00	4.25
2954RT	4.68	4.68
2956RT	4.93	5.18

EMT FITTINGS

STEEL - INDENTER CONNECTORS

Applications

- For use in dry locations to bond EMT conduit to a box or enclosure
- RACO® indenter connectors provide concrete-tight connections when taped

Product Features

- All steel construction insures mechanical protection for the raceway
- All components are zinc electroplated for corrosion protection

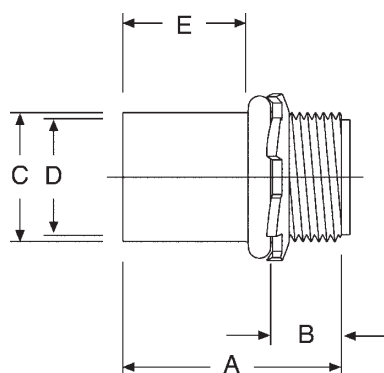


Insulated Throat Connectors
Steel



Uninsulated Connectors
Steel

RACO COMMERCIAL
FITTINGS



A = Overall length
B = Thread length
C = Body O.D.
D = Body I.D.
E = Length to conduit stop

ORDERING INFORMATION - DIMENSIONS

INSULATED THROAT CONNECTORS STEEL

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1992	1/2"	50	500	—
1993	3/4"	25	250	—

UNINSULATED CONNECTORS - STEEL

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1972	1/2"	50	500	—
1973	3/4"	25	250	—

DIMENSIONS

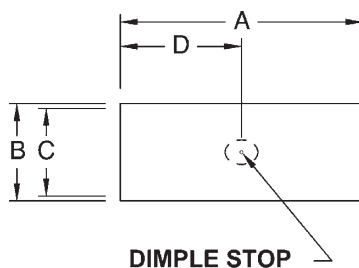
CATALOG NUMBER	A	B	C	D	E
1992	1-1/2"	11/32"	13/16"	23/32"	1"
1993	1-35/64"	25/64"	1-1/64"	15/16"	1-1/16"
1972	1-1/2"	11/32"	13/16"	23/32"	1"
1973	1-35/64"	25/64"	1-1/64"	15/16"	1-1/16"

B10**EMT FITTINGS****STEEL - INDENTER COUPLINGS, INDENTER TOOLS****RACO COMMERCIAL
FITTINGS****Applications**

- For use in dry locations to couple two ends of EMT conduit
- RACO® indenter couplings provide concrete-tight connections when taped

Product Features

- All steel construction insures mechanical protection for the raceway
- All components are zinc electroplated for corrosion protection

Couplings
SteelReplacement
PointsIndenter Tools Forged
Steel

A = Overall length
B = O.D. of body
C = I.D. of body
D = Length to center stop

ORDERING INFORMATION - DIMENSIONS**COUPLINGS - STEEL**

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1982	1/2"	50	500	—
1983	3/4"	25	250	—

DIMENSIONS

CATALOG NUMBER	A	B	C	D
1982	2"	13/16"	23/32"	31/32"
1983	2-1/4"	1-1/32"	15/16"	1-1/16"

INDENTER TOOLS FORGED - STEEL

CATALOG NUMBER	TRADE SIZE	DESCRIPTION	SHIP CTN. QTY.	UPC BAR CODE
1962	1/2"	Tool	1	—
1963	3/4"	Tool	1	—
1961	For No. 1962	Replacement Point	10	—
1971	For No. 1963	Replacement Point	10	—

EMT FITTINGS

DIE CAST - SET SCREW CONNECTORS

Applications

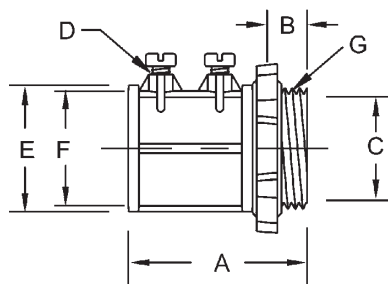
- For use in dry locations to bond EMT conduit to a box or enclosure
- RACO® die cast set screw connectors provide concrete-tight connections when taped
- RACO® set screw connectors are suitable for applications above 600V

Product Features

- Rugged metallic construction provides 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

-  - Standard 514B
-  - C22.2 # 18



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



Insulated Throat Connectors
Die Cast Zinc



Uninsulated Connectors
Die Cast Zinc

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

SET SCREW CONNECTORS – DIE CAST ZINC					
INSULATED CONNECTOR CATALOG NUMBER	UNINSULATED CONNECTOR CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

DIMENSIONS								
INSULATED CONNECTOR CATALOG NUMBER	UNINSULATED CONNECTOR CATALOG NUMBER	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" -11-1/2
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" -11-1/2
2639	2608	2-1/2"	3/4"	2-3/64"	1/4-20 x 1/2"	2-17/32"	2-15/64"	2" - 11-1/2
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

B12**EMT FITTINGS****DIE CAST - SET SCREW - COUPLINGS AND OFFSETS****RACO COMMERCIAL
FITTINGS****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 Feature

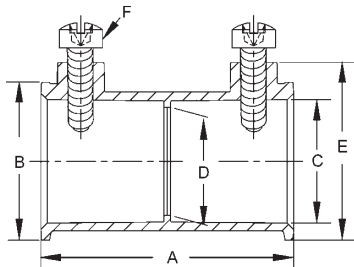
- Rugged metallic construction provides mechanical protection for the raceway

Couplings Product Feature

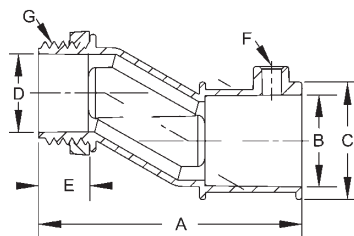
- 2-1/2" to 4" trade sizes are UL Listed for use on Rigid/IMC conduit, allowing for installation flexibility

Compliances

-  - Standard 514B
-  - C22.2 # 18



A = Overall length D = Center stop dia.
 B = O.D. of body E = Height of body
 C = I.D. of body F = Screw



A = Overall length E = Thread length
 B = I.D. of body F = Screw size and length
 C = O.D. of body G = Thread spec.
 D = Throat I.D..



Couplings
Die Cast Zinc



Offset Connectors
Die Cast Zinc

ORDERING INFORMATION - DIMENSIONS**COUPLINGS - DIE CAST ZINC**

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

DIMENSIONS

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"

OFFSET CONNECTORS - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1762	1/2"	—	50	—
1763	3/4"	—	25	—

DIMENSIONS

CATALOG NUMBER	A	B	C	D	E	F	G
1762	2-3/32"	23/32"	13/16"	5/8"	13/32"	10-24 x 5/16"	1/2"-14
1763	3-1/64"	15/16"	1-1/32"	55/64"	15/32"	10-24 x 5/16"	3/4"-14

EMT FITTINGS

DIE CAST - HANDY ELLS

Applications

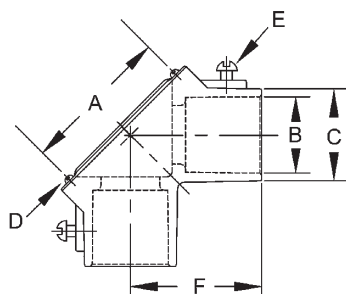
- For use in dry locations to bond EMT conduit to a box or enclosure, or to couple two ends of EMT conduit
- Use handy ells when bending conduit is not practical

Product Feature

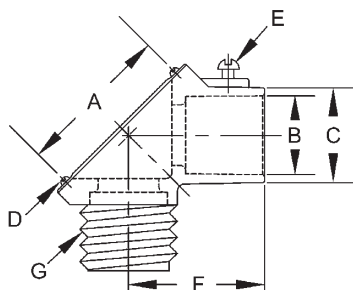
- Cover included

Compliances

-  - Standard 514B
-  - C22.2 # 18



A = Distance between cover screws
 B = Body I.D.
 C = Body O.D.
 D = Screw size and length
 E = Setscrew size
 F = Length



A = Distance between cover screws
 B = Body I.D.
 C = Body O.D.
 D = Screw size and length
 E = Setscrew size
 F = Length to end of body
 G = Threaded spec



90 Degree Handy Ells
Die Cast Zinc Couplings



90 Degree Handy Ells
Die Cast Zinc Connectors

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

90 DEGREE HANDY ELLS - DIE CAST ZINC COUPLINGS

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2752	1/2"	10	100	—
2753	3/4"	5	50	—
2754	1"	—	25	—

DIMENSIONS

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"

90 DEGREE HANDY ELLS - DIE CAST ZINC CONNECTORS

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2762	1/2"	10	100	—
2763	3/4"	5	50	—

DIMENSIONS

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

B14**EMT FITTINGS****DIE CAST - COMPRESSION CONNECTORS****RACO COMMERCIAL
FITTINGS****Applications**

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

Product Features

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

Compliances

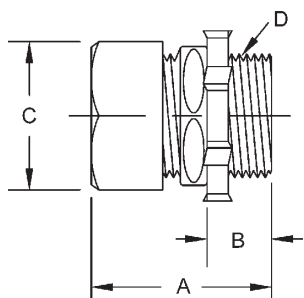
-  – Standard 514B
-  – C22.2 # 18



**Insulated Throat
Connectors Die Cast Zinc**



**Uninsulated Connectors
Die Cast Zinc**



A= Overall length
B = Thread length
C = Compression nut across flats
D = Thread spec.

ORDERING INFORMATION - DIMENSIONS**COMPRESSION CONNECTORS - DIE CAST ZINC**

INSULATED CONNECTOR CATALOG NUMBER	UNINSULATED CONNECTOR CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

DIMENSIONS

INSULATED CONNECTOR CATALOG NUMBER	UNINSULATED CONNECTOR CATALOG NUMBER	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

EMT FITTINGS

DIE CAST - COMPRESSION COUPLINGS

Applications

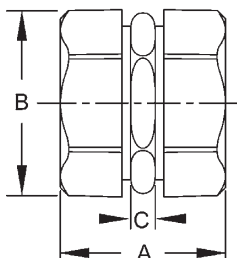
- For use to couple two ends of EMT conduit
- RACO® compression couplings are suitable for applications above 600V
- RACO® 1/2" to 4" couplings provide concrete-tight connections

Product Features

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

Compliances

-  – Standard 514B
-  – C22.2 # 18



A = Overall length

B = Compression nut O.D. across flats

C = Body hex width



Couplings
Die Cast Zinc

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

COUPLINGS - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

DIMENSIONS

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"

B16**EMT FITTINGS****DIE CAST - COMPRESSION OFFSET CONNECTORS****RACO COMMERCIAL
FITTINGS****Applications**

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

Product Features

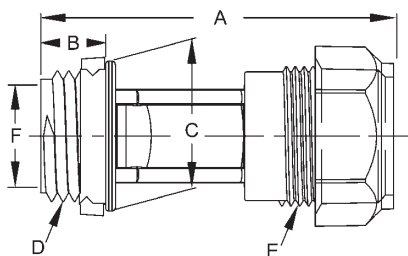
- Rugged metallic construction provides mechanical protection for the raceway
- Hex compression nuts assure easy wrench installation

Compliances

-  – Standard 514B
-  – C22.2 # 18



OFFSET CONNECTORS
DIE CAST ZINC



A = Overall length
B = Thread length
C = Threaded hub O.D.
D = Threads NPSM
E = Threads UNS
F = Throat I.D.

ORDERING INFORMATION - DIMENSIONS**OFFSET CONNECTORS - DIE CAST ZINC**

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1952	1/2"	—	50	—
1953	3/4"	—	25	—

DIMENSIONS

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"

EMT FITTINGS

90 DEGREE SHORT ANGLE CONNECTORS

Applications

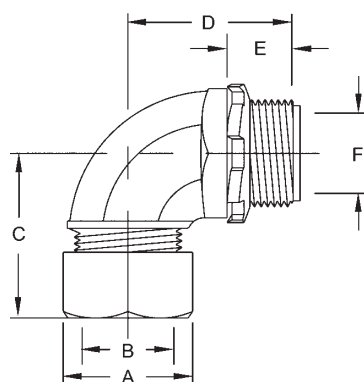
- For use with EMT conduit to bond EMT conduit to a box or enclosure
- Use RACO® 90 degree short angle connectors when bending conduit is not practical

Product Features

- Malleable construction insures mechanical protection for the raceway
- Hex compression nut assures easy wrench installation
- All components are zinc electro plated for corrosion protection

Compliances

-  – Standard 514B
-  – Certified



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.



90 Degree Short Angle Connectors
Malleable Iron

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

90 DEGREE SHORT ANGLE CONNECTORS - MALLEABLE IRON

CATALOG NUMBER	EMT TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2072	1/2"	25	100	—
2073	3/4"	—	25	—

DIMENSIONS

CATALOG NUMBER	A	B	C	D	E	THD. 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"	15/16"	1-19/32"	1-15/32"	9/16"	3/4"-14 NPT	13/16"

B18**EMT FITTINGS****DIE CAST/STEEL - TWO PIECE CONNECTORS AND COMBINATION COUPLINGS****RACO COMMERCIAL
FITTINGS****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

**Die Cast Two-Piece Connectors
Product Feature**

- Rugged metallic construction insures mechanical protection

**Die Cast Two-Piece Connectors
Compliance**

-  – Standard 514B

**Steel Combination Couplings
Application**

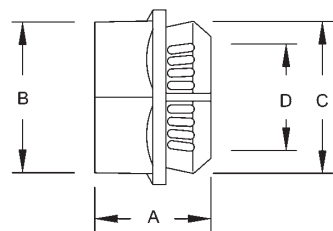
- Use RACO® Cat. Nos. 1352-1354 when coupling threaded rigid/IMC conduit to EMT

**Steel Combination Couplings Product
Features**

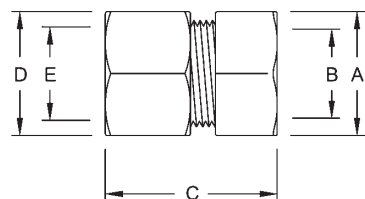
- Rugged metallic construction insures mechanical protection
- All steel components are zinc electro plated for corrosion protection

**Steel Combination Couplings
Compliance**

-  – Standard 514B



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



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



Two-Piece Connectors
Die Cast Zinc



EMT – Rigid Couplings
Threaded/Compression Steel

ORDERING INFORMATION - DIMENSIONS**TWO-PIECE CONNECTORS - DIE CAST ZINC**

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2702	1/2"	—	100	—
2703	3/4"	—	50	—

DIMENSIONS

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"

EMT – RIGID COUPLINGS THREADED/COMPRESSION - STEEL

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1352	1/2"	—	25	—
1353	3/4"	—	25	—
1354	1"	—	25	—

DIMENSIONS

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"

EMT FITTINGS

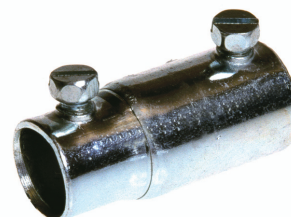
STEEL COMBINATION COUPLINGS

Application

- Use RACO® Cat. Nos. 1432-1434 when coupling unthreaded rigid/IMC to EMT

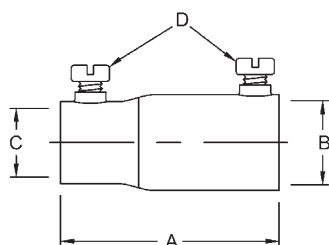
Product Features

- Rugged metallic construction insures mechanical protection
- All steel components are zinc electro plated 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 an attractive presentation



EMT – Rigid Couplings Set Screw
Steel

RACO COMMERCIAL
FITTINGS



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

ORDERING INFORMATION - DIMENSIONS

EMT – RIGID COUPLINGS SET SCREW - STEEL

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1432	1/2"	—	25	—
1432-8	1/2"	1	25	
1433	3/4"	—	25	—
1433-8	3/4"	1	15	
1434	1"	—	25	—
1434-8	1"	1	15	

DIMENSIONS

CATALOG NUMBER	A	B	C	D
1432	2-13/64"	55/64"	23/32"	1/4-28 x 3/8" Pan Head
1432-8	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
1433-8	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
1434-8	3-5/64"	1-21/64"	1-11/64"	1/4-28 x 3/8" Pan Head

B20**EMT FITTINGS****MALLEABLE IRON/DIE CAST - COMBINATION COUPLINGS****RACO COMMERCIAL
FITTINGS****Application**

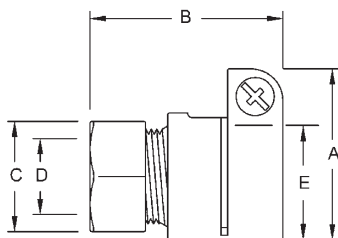
- Use RACO® Cat. Nos. 1941-1943 or Cat. Nos. 1482-1484 when coupling flexible metal conduit to EMT

Product Features

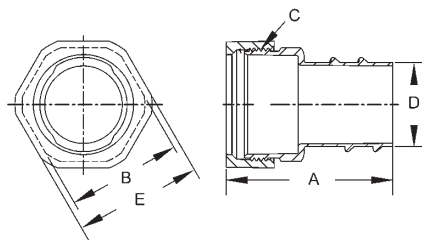
- Rugged metallic construction insures mechanical protection
- All steel/malleable components are zinc electro plated for corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for an attractive presentation

Compliances

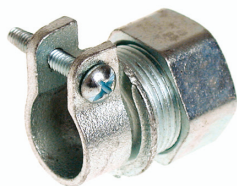
-  – Standard 514B
-  – Certified



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



A = Overall length
 B = Body across flat
 C = Thread spec
 D = Flex end O.D.
 E = Nut across flat



EMT-Flex Couplings
Squeeze/Compression
Malleable Iron



EMT-Flex Couplings
Screw-in/Compression
Die Cast Zinc

ORDERING INFORMATION - DIMENSIONS**EMT – FLEX COUPLINGS SQUEEZE/COMPRESSION - MALLEABLE IRON**

CATALOG NUMBER	FLEX SIZE	EMT SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1941*	3/8"	1/2"	—	25	—
1942	1/2"	1/2"	—	25	—
1942-8	1/2"	1/2"	1	25	
1943	3/4"	3/4"	—	25	—
1943-8	3/4"	3/4"	1	20	

*Not U.L. Listed

DIMENSIONS

CATALOG NUMBER	A	B	C	D	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"

EMT-FLEX COUPLINGS SCREW-IN/COMPRESSION - DIE CAST ZINC

CATALOG NUMBER	FLEX SIZE	EMT SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1482	1/2"	1/2"	50	500	—
1483	3/4"	3/4"	25	250	—
1484	1"	1"	25	250	—

DIMENSIONS

CATALOG NUMBER	A	B A/F	C THREAD SPEC	D	E A/F
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"