

RACO® BELL®

**Commercial, Industrial
and Residential
Electrical Products**

Steel Boxes and Covers

Box Positioning Products

Plastic Boxes

Floor Boxes

Fittings

ENT Boxes

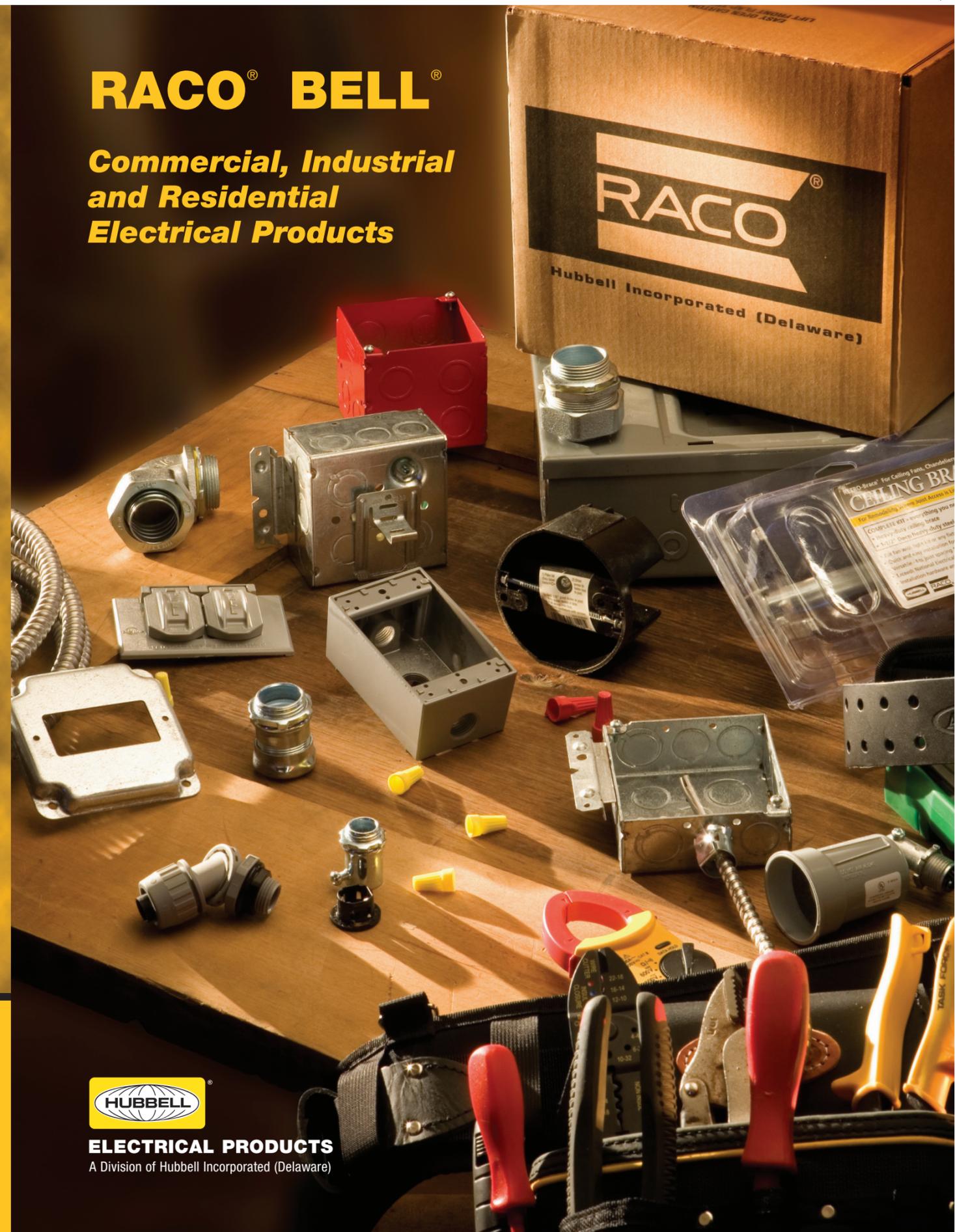
Bell Weatherproof

Specialty Switches

RACO® BELL® Commercial, Industrial and Residential Electrical Products

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**Commercial, Industrial
and Residential
Electrical Products**



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RACO® BELL® KILLARK® CHALMIT® HAWKE®



ELECTRICAL PRODUCTS
A Division of Hubbell Incorporated (Delaware)

HUBBELL INC. Corporate Headquarters 584 Derby Milford Rd. Orange, CT 06477**HUBBELL INC. GROUPS AND SUBSIDIARIES****Domestic****ELECTRICAL PRODUCTS**

Bell	(574) 234-7151]	3902 West Sample Street	South Bend, Indiana 46634-4002
Killark	(314) 531-0460	3940 Martin Luther King Drive	St. Louis, Missouri 63115
RACO	(219) 234-7151	3902 West Sample Street	South Bend, Indiana 46634-4002

COMMUNICATION TECHNOLOGY

Hubbell Premise Wiring, Inc.	(860) 535-8326	14 Lord's Hill Road	Stonington, Connecticut 06378-0901
Pulse Communications	(703) 471-2900	2900 Towerview Road	Herndon, Virginia 22071

LIGHTING

Divine Lighting	(816) 221-9440	One Design Way	North Kansas City, Missouri 64116
Hubbell Lighting, Inc.	(540) 382-6111	2000 Electric Way	Christiansburg, Virginia 24073-2500
Sterner Corporation	(952) 906-7300	7575 Corporate Way	Eden Prairie, Minnesota 55344-2022

POWER SYSTEMS

A.B. Chance Co.	(573) 682-5521	210 North Allen Street	Centralia, Missouri 65240
Anderson Electrical Products, Inc.	(205) 699-2411	940 Moores Street, N.E.	Leeds, Alabama 35094
Ohio Brass Co.	(330) 335-2361	8711 Wadsworth Road, State Rte. 57	Wadsworth, Ohio 44281

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GAI-Tronics Corporation	(610) 777-1374	400 E. Wyomissing Ave.	Mohnton, Pennsylvania 19540
Gleason Reel Corporation	(920) 387-4120	600 South Clarke Street	Maryville, Wisconsin 53050-0026
Hipotronics, Inc.	(914) 279-8091	Route 22 (North)	Brewster, New York 10509
Hubbell Industrial Controls	(440) 428-1161	50 Edwards Street	Madison, Ohio 44057
Wiegmann	(618) 539-3193	501 West Apple Street	Freeburg, Illinois 62243

WIRING SYSTEMS

Wiring Device - Kellems	(202) 882-4800	185 Plains Road	Milford, Connecticut 06460-2465
Bryant	(203) 876-3600	185 Plains Road	Milford, Connecticut 06460-2465
Uneco	(800) 245-9135	185 Plains Road	Milford, Connecticut 06460-2465
Wirecon	(203) 876-3625	185 Plains Road	Milford, Connecticut 06460-2465

INTERNATIONAL

Chalmit	011-44-141-882-5555	388 Hillington Road	Glasgow G524BL, UK
Haefely Test AG	011-61-373-4111	Ch-4028	Basel, Switzerland
Hubbell Canada, Inc.	(905) 839-1138	870 Brock Road South	Pickering, Ontario L1W 1Z8
Hubbell China	011-86-21-6217-3478	Room 2307, Westgate Mall	1038 Nanjing West Road, Shanghai, China
Hubbell de Mexico, S.A. De C.V.	011-525-575-2022	Ave. Coyoacan 1051	Col. del Valle, 03100 Mexico, D.F. Mexico
Hubbell Incorporated Middle East	011-971-4393-4194	Arenco Bldg.-Zabeel Road	301-B Block, P.O. Box 23529, Dubai, U.A.E.
Hubbell-International, Inc., Korea	011-82-2-607-1363	2nd Floor Jungwon Bldg.	1115-8 Hwagok-Dong, Kangseo-KuHubbell, Ltd. Seoul, Korea 157-010
Hubbell, Ltd.	011-441-234-855444	Woburn Road Industrial Estate	Kempston, Bedford, England MK427SH
Hubbell S.E. Asia Pte., Ltd.	011-65-454-4772	159 Sin Ming Road, #05-08 Amtech Bldg.	Signapore 575625 - Rep. of Signapor
Hubbell-Taiwan Co. Ltd.	011-886-2-515-0855	12th Floor, 66, Sec. 2, Chien-Koo North Rd.	Taipei, Taiwan R.O.C.
Hubbell Turkey	011-90-216-4148147	Sogutluceme Cad., Firdevs Hand, No: 38/4	81300 Kadikoy Istanbul, Turkey



ELECTRICAL PRODUCTS
A Division of Hubbell Incorporated (Delaware)

RACO® Steel Boxes and Covers



Applications: Steel Boxes

RACO® high-quality steel boxes:

- Are used in branch circuit wiring
- Accommodate wiring devices, such as switches and receptacles
- Most may also serve as fixture supports
- Provide excellent protection for wiring system or devices
- Must be closed with a cover, light fixture canopy or wallplate
- Permit access to conductors for maintenance
- Allow for branch circuit runs
- Provide two-hour fire rating for 4x4 or smaller wall opening

Product Features: Outlet Boxes for Fixture or Fan Support

These high-quality boxes:

- Are listed to support lighting fixture canopies or fans
- Feature oversized #10 screws to provide strength and rigidity

Product Features: Patented TKO® Knockouts

- TKO® knockouts offer greater flexibility with RACO® * combination 1/2" and 3/4" knockout
- Stock just one product instead of two or three
- One product for the installer to carry

*U.S. Patent has expired.

TKO® Provides Reliable Grounding Path

- Independent tests conducted by UL prove that the TKO® passes the same high-current fault test used to test grounding bushings and ground lugs
- RACO® TKO® knockout is UL Listed, providing bonding without the use of bonding jumpers
- Suitable for bonding without any additional bonding means around concentric (or eccentric, TKO) knockouts where used in circuits above or below 250V
- This knockout does not impair the electrical connection to ground

Most Raco® Boxes Have At Least One Tapped #10-32 Grounding Hole

- The products that do not have a grounding hole are: plenum boxes catalog numbers 226 and 239

Product Features: Combination Screw Heads

- Cover and clamp screws have combination slotted/Phillips heads
- Self-tapping screws provide for 100% thread engagement

Metallic Boxes: Fire Resistance Rating Wall Penetrations*

Listed single- and double-gang metallic outlet and switch boxes with metallic or nonmetallic cover plates, also 4x4 and octagon boxes may be used in bearing and non-bearing wood stud and steel stud walls with ratings not exceeding two hours.

The surface area of individual metallic outlet or switch boxes shall not exceed 16 square inches through a fire rated wall. The aggregate surface area of the boxes shall not exceed 100 square inches per 100 square feet. Boxes located on opposite sides of walls or partitions shall be separated by a horizontal distance of 24 inches.

The metallic outlet or switch boxes shall be securely fastened to the studs, and the opening in the wallboard facing shall be cut so that the clearance between the box and the wallboard does not exceed 1/8 inch.

*Reference: UL Fire Resistance Directory (Orange Book)

Standard Material: Steel Covers, Outlet And Switch Boxes

- Steel boxes and covers are made of .0625 inch thick pre-galvanized sheet steel
- Handy Box covers are made of .030 inch thick galvanized sheet steel

Compliances

RACO® steel boxes and covers generally carry the following compliance ratings. Check specific catalog pages for individual compliances.

- UL Listed – Standard 514-A, file E195978 (“QCIT” Category)
- Boxes are listed for their Electrical Applications (electrical codes), UL Green Book
- Boxes are listed for mechanical properties, including the Two-Hour Fire Rating, (building codes) UL Orange Book

- CSA Certified – C22.2 #18, CSA File LR-1082
- U.S. Federal Specification and Standards W-J-800
- ANSI/NEMA OS1
- Federal Manufacturer's number 28488

Reference Data

- TKO® knockout U.S. Patent 4,640,433; Canada Patent 1,260,597
- Ceiling fan outlet box U.S. Patent 4,892,211; Canada Patent 1,324,360; Mexico Patent 166,125
- Far-side support (#978) U.S. Patent 4,898,357
- Box-Loc® U.S. Patent 5,408,045 MEXICO Patent 186848
- Adjust-A-Brace® U.S. Patent 5,330,137 and 5,927,667 U.S.
- Steel Stud box Support (#978) 4,898,357 U.S.
- W.P. self tap holes 4,898,453 U.S. and 4,906,206 U.S.



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.

RACO® UL Guide Cards

You can download and print out any or all UL Guide Cards issued to RACO. Just go to the RACO website at www.hubbell-raco.com and click on the UL symbol. Every RACO UL guide card is listed by product category. Click on the live link (right hand column in blue type) and the UL Guide Card will appear. Save to your computer or print it out.

UL Guide Information Pages

UL publishes the most frequently asked questions concerning product ratings, configurations, installations, uses allowed or not allowed, grounding and bonding, and much more. Each UL category has a unique Guide Information Page. Live links to each UL Guide Information Page appears just below the RACO UL guide card for each product category.

GENERAL INFORMATION – STANDARDS, 2008 NATIONAL ELECTRICAL CODES®

Wiring Capacity: Steel Outlet And Switch Boxes; Cubic Inches**Maximum Number of Conductors or Minimum Size Box Required – National Electrical Code Article 314.16 (A and B) also table 314.16(A)**

The purpose of NEC Article 314.16 is to determine the maximum conductor count or the minimum box size required for an application. It also may be used to determine how many other conductors may be added without exceeding the Code-prescribed limit. Most applications have determined the number of conductors. The question that then remains is the smallest (minimum) size box that is permitted. The rules of Article 314.16 are to be used to determine the Code-recognized limit.

Selection of an outlet or junction box for use in an electrical circuit work must take into consideration the maximum number of wires permitted in the box. Safe electrical practice demands that wires not be jammed into boxes because of the possibility of nicks, abrasions or other damage to the insulating material, creating the potential for ground faults or short circuits.

Article 314 – Boxes and Fittings**NEC 314.16 (A and B) also table 314.16(A). Number of Conductors in Outlet, Device, and Junction Boxes, and Conduit Bodies.**

Boxes shall be of sufficient size to provide free space for all enclosed conductors. In no case shall the volume of the box, as calculated in (a) below, be less than the fill calculation as calculated in (b) below. The minimum volume for conduit bodies shall be as calculated in (c) below.

The provisions of this section shall not

apply to terminal housings supplied with motors. See Section 430-12.

Boxes and conduit bodies enclosing conductors, size #4 or larger, shall also comply with the provisions of Section 314-28.

(a) Box Volume Calculations.

The volume of a wiring enclosure (box) shall be the total volume of the assembled sections, and, where used, the space provided by plaster rings, domed covers, extension rings, etc., that are marked with their volume in cubic inches or are made from boxes the dimensions of which are listed in Table 314-16(A).

(1) Standard Boxes. The volume of standard boxes that are not marked with a cubic inch capacity shall be as given in *Table 314-16(A).

(2) Other Boxes. Boxes 100 cubic inches (1,640 cu. cm³) or less, other than those described in table, and nonmetallic boxes shall be durably and legibly marked by the manufacturer with their cubic inch capacity. Boxes described in table that have a larger cubic inch capacity than is designated in the table shall be permitted to have their cubic inch capacity marked as required by this section.

(b) Box Fill Calculations. The volumes in paragraphs (1) through (5) below, as applicable, shall be added together. No allowance shall be required for small fittings such as locknuts and bushings.

(1) Conductor Fill. Each conductor that originates outside the box and terminates or is spliced within the box shall be counted once, and each conductor that passes through the box without splice or termination shall be counted once. The conductor fill, in cubic inches, shall be computed using Table 314.16(B)(1). A conductor, no part of which leaves the box, shall not be counted.

Exception: Where an equipment grounding conductor or not over four fixture wires smaller than #14, or both, enter a box, from a domed fixture or similar canopy and terminate within that box, it shall be permitted to omit these conductors from the calculations.

(2) Clamp Fill. Where one or more internal cable clamps, whether factory or field supplied, are present in the box, a single volume allowance in accordance with NEC 314.16(B)(2) shall be made based on the largest conductor present in the box. No allowance shall be required for a cable connector with this clamping mechanism outside the box.

(3) Support Fittings Fill. Where one or more fixture studs or hickies are present in the box, a single volume allowance in accordance with NEC 314.16(B)(3) shall be made for each type of fitting based on the largest conductor present in the box.

(4) Device or Equipment Fill. For each yoke or strap containing one or more devices or equipment, a double volume allowance in accordance with NEC 314.16(B)(4) shall be made for each yoke or strap based on the largest conductor connected to a device(s) or equipment supported by that yoke or strap.

(5) Equipment Grounding Conductor Fill. Where one or more equipment grounding conductor(s) enter(s) a box, a single volume allowance in accordance with Table 314.16B shall be made based on the largest equipment grounding conductor present in the box. Where an additional set of equipment grounding conductors, as permitted by NEC 314.16(B)(5) are present in the box, an additional volume allowance shall be made based on the largest equipment grounding conductor in the additional set.

MOST OFTEN REQUESTED ARTICLES OF THE 2008 NATIONAL ELECTRICAL CODE®	HOW RACO® PRODUCTS HELP COMPLETE THE INSTALLATION
<p>250-97 (d) Method of Bonding Service Equipment – Bonding Jumpers. Bonding jumpers are <u>not</u> required for concentric and eccentric knockouts <u>if</u> they are listed for the purpose.</p>	<p>This Article is used to ensure that there is ground continuity when a concentric or eccentric knockout is encountered. A bonding jumper is not required when using any of the RACO® patented TKO® knockout boxes, Catalog Numbers 189, 232, etc.</p>
<p>314-27 (A) Boxes at Lighting Fixture Outlets. Boxes to support light fixtures must be listed for fixture support. Exception: Device boxes are allowed to support wall mounted fixtures not over 6 lbs.</p>	<p>Device boxes use #6-32 screws to secure devices such as snap-switches and receptacles. They are not suitable for support of other than very lightweight lighting fixtures, such as some wall-bracket types. See Article 410-16. All RACO® 4" and 4-11/16" square boxes are listed for fixture support.</p>
<p>314.27 (C) Floor Boxes. Boxes listed specifically for this application shall be used for receptacles located in the floor. Exception: Boxes located in elevated floors of show windows and similar locations where the authority having jurisdiction judges them free from physical damage, moisture and dirt.</p>	<p>Only boxes that are UL Listed for the application may be fastened into the floor. RACO® floor boxes are in Section E of this catalog.</p>
<p>314.27 (D) Boxes at Fan Outlets. Boxes that support ceiling fans must be listed for that purpose.</p>	<p>For any ceiling outlet that is intended to have a ceiling (paddle) fan installed, a UL Listed outlet box rated for ceiling fan support must be installed. RACO® offers a complete line of products designed for various applications and mounting needs.</p>
<p>314.16 (A) Space for Conductors. Canopies and outlet boxes taken together shall provide adequate space so that fixture conductors and their connecting devices can be properly installed.</p>	<p>When calculating the minimum cubic inch requirements for an outlet box, the canopy may be included in the calculation at the discretion of the Authority Having Jurisdiction. If the canopy of the fixture/fan is marked with the cubic inch capacity, then the additional volume must be accepted by the Authority Having Jurisdiction.</p>
<p>314.27 (B) Maximum Luminaire Weight. Fixtures greater than 50 pounds cannot be supported by a fixture box unless the box has been listed for a heavier load.</p>	<p>All outlet boxes that are intended to be used with fixtures are tested in accordance with UL Standard 514-A.</p>
<p>250.146 (A) Receptacles in Raised Covers. A bonding jumper is no longer required for raised covers. However, (1) a cover with flat corners, (2) two device attachment screws, and (3) A lock washer or equivalent is required.</p>	<p>This new method provides better bonding for the cover than the bonding wire did. RACO flat corner covers and mud rings comply.</p>

GENERAL INFORMATION – STANDARDS, 2008 NATIONAL ELECTRICAL CODES®

MOST OFTEN REQUESTED ARTICLES OF THE 2008 NATIONAL ELECTRICAL CODE®	HOW RACO® PRODUCTS HELP COMPLETE THE INSTALLATION
<p>314.27 (D) Support of Ceiling Fans.</p> <p>(a) Ceiling Fans 70 lbs. or Less. Listed ceiling fans that do not exceed 35 pounds in weight, with or without accessories, shall be permitted to be supported by outlet boxes identified for such use. (1) Boxes that can support more than 35 pounds must be marked with the maximum fan weight they are listed for.</p> <p>(b) Ceiling Fans Exceeding 35 lbs. (1) Boxes that can support more than 35 pounds must be marked with the maximum fan weight they are listed for.</p>	<p>Unless otherwise marked, a UL Listed outlet box listed for ceiling fan support can support a maximum of 35 pounds. All of RACO® steel fan outlet boxes use hardened #10-32 screws for support of the fan. Captive star lock-washers prevent the screws from loosening, providing a safe and secure installation.</p>
<p>800.133 Exception (c) Installation of Communications Wires, Cables and Equipment – Electric Light or Power Circuits. Communications conductors shall not be placed in any raceway, compartment, outlet box, junction box, or similar fitting with conductors of electric light or power circuits or Class 1 circuits.</p>	<p>When power and voice/data are brought to one enclosure, a means of dividing the wiring is required. Voltage barriers are available on the following box types: 4" and 4-11/16" square boxes, three- and four-gang switch boxes, masonry boxes, and gang boxes.</p>
<p>406.11 Tamper-resistant Receptacles in Dwelling Units. In all areas specified in 210.52, all 125 volt, 15 and 20 amp receptacles shall be listed tamper-resistant receptacles.</p>	<p>This is to prevent shocks of small children that like to insert keys, paper clips, etc. into the receptacle slots.</p>
<p>NEC 314.24 Minimum depth of boxes for outlets, devices, and utilization equipment.</p>	<p>Boxes must be a minimum depth depending on their use and/or are required to have a minimum clearance behind the device or equipment of 1/4 inch.</p>

RACO STEEL BOXES
& COVERS

STEEL BOX SELECTION CHART

CU. IN.	42.0	30.3	29.5	21.5	21.0	18.0	16.5
CONDUIT STEEL BOXES							
	4-11/16" Sq. 2-1/8" Deep INSIDE	4" Sq. 2-1/8" Deep INSIDE	4-11/16" Sq. 1-1/2" Deep INSIDE	4" Oct. 2-1/8" Deep INSIDE	4" Sq. 1-1/2" Deep INSIDE	Switch 3-1/2" Deep OUTSIDE	Handy 2-1/8" Deep INSIDE

CU. IN.	15.5	14.0	13.0	12.5	6.0
CONDUIT STEEL BOXES					
	4" Oct. 1-1/2" Deep INSIDE	Switch 2-3/4" Deep OUTSIDE	Handy 1-7/8" Deep OUTSIDE	Switch 2-1/2" Deep OUTSIDE	4" Rnd. Pan 1/2" Deep INSIDE

CU. IN.	30.3	21.5	21.0	18.0	15.8
CABLE STEEL BOXES					
	4" Sq. 2-1/8" Deep INSIDE	4" Oct. 2-1/8" Deep INSIDE	4" Sq. 1-1/2" Deep INSIDE	Switch 3-1/2" Deep OUTSIDE	Switch 2-9/64" Deep OUTSIDE

CU. IN.	15.5	14.0	12.5	4.0
				
	4" Oct. 1-1/2" Deep INSIDE	Switch 2-3/4" Deep OUTSIDE	Switch 2-1/2" Deep OUTSIDE	3-1/2" Pan 1/2" Deep INSIDE

BOX SELECTION

Calculate The Minimum Size Box

NEC 314.16 (A and B) describes the detailed way of counting wires, as well as clamps, fittings or devices (i.e., switches, receptacles, combination devices) — by establishing an equivalent conductor value for each. Those values are added together to get a total number of conductors. The minimum size box is the smallest one in Table 314.16(A) that can accommodate that number of conductors.

1. No matter how many ground wires come into a box, they only count as one conductor within the box.
2. Any wire running unbroken through the box counts as one wire.
3. Each wire coming into a splice device (crimp or twist-on type) is counted as one wire.
4. Each wire coming into the box and connecting to a device counts as one wire of that size.

5. Fixture studs, cable clamps and hickies are to be counted as one regardless of how many there may be. If a box contains two cable clamps, the total is only to be increased by one.
6. Where devices are mounted in the box, the total conductor count must be increased by two for each mounting strap.

Example #1: — Conduit Boxes:

Supply power to a switch that will control a remote light with #14 conductors. Metal conduit and fittings will be used as the wire way. You must provide space for four conductors and one switch, totaling 6. Read across the line "Deductions" in the **Box Fill Table** to column 6, then read down to the minimum cubic inches required for #14 conductor. This example requires a minimum of 12.0 cubic inches.

Example #2: — Cable Boxes:

This example will illustrate how the minimum size is determined for a box with cable clamps fed by two #12-2 non-metallic sheathed cables and supplying a 15A duplex receptacle. After supplying the receptacle, the conductors are extended to other outlets.

Circuit conductors	4
Ground conductors	1
Cable clamps	1
Device (receptacle)	2
Total	8

Using the **Box Fill Table** below, read across the line "deductions" to column 8, then down to the minimum cubic inches required for #12 conductor. This example requires a minimum of 18.0 cubic inches.

RACO STEEL BOXES & COVERS

BOX FILL TABLE										
DEDUCTIONS		6	7	8	9	10	11	12	13	14
Volume Required per Conductor Size per Deductions	#18 (1.50)	9.00	10.50	12.00	13.50	15.00	16.50	18.00	19.50	21.00
	#16 (1.75)	10.50	12.25	14.00	15.75	17.50	19.25	21.00	22.75	24.50
	#14 (2.00)	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00
	#12 (2.25)	13.50	15.75	18.00	20.25	22.50	24.75	27.00	29.25	31.50
	#10 (2.50)	15.00	17.50	20.00	22.50	25.00	27.50	30.00	32.50	35.00
	#8 (3.00)	18.00	21.00	24.00	27.00	30.00	33.00	36.00	39.00	42.00
#6 (5.00)	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00	70.00	

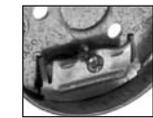
CLAMP TECHNICAL DATA AND STUD TYPE						
CLAMP TYPE	RACEWAY TYPE					
	ARMORED CABLE (BX)		METAL CLAD CABLE INTERLOCKING (MCI)		NONMETALLIC SHEATHED CABLE	FLEXIBLE METAL CONDUIT
	STEEL	ALUMINUM	STEEL	ALUMINUM		
"L" TYPE					#14-2 to #10-3 w/ground	
"X" TYPE	#14-2 (.444 in outer diam.) to largest size to fit in clamp	#14-2 (.444 in outer diam.) to largest size to fit in clamp	.425 to .600 outer diam.	.400 to .495 outer diam.		3/8" trade size
"#9 OR AOL" TYPE					#14-2 w/ground	
"BN" TYPE					#14-2 to #10-3 w/ground	
"Q" TYPE					#14-2 w/ground or #12-2 w/ground	



"L" TYPE



"X" TYPE



"#9 or AOL" TYPE



"BN" TYPE



"Q" TYPE

KNOCKOUTS AND PRIOUTS



1/2" CONDUIT KO



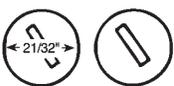
1" CONDUIT KO



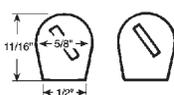
3/4" CONDUIT KO



TKO CONDUIT KO

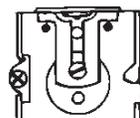


CABLE PRIOUTS Always in pairs.

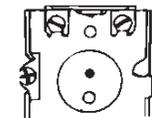


FLAT-BOTTOMED CABLE PRIOUTS Eliminate chance of cable being cut.

PLASTER EARS



ONE-SCREW EAR



TWO-SCREW EAR

Adjustable plaster ears are included on many switch boxes and one octagon box. They are set forward 1/32".



BRACKET TECHNICAL DATA

BRACKET TYPE	"A"	"B"	"D"	"FA"	"FH"	"FM"	"J"	"LB"	"MS"	"TS"	"W"	"H" or "M"
LENGTH	6-7/16"	1-61/64"	6-1/4"	5-1/2"	7-3/8"	6-7/8"	2-3/8"	1-31/32"	4-1/2"	7"	6-25/32"	4-15/16"
WIDTH	5/8"	2"	21/32"	2-1/4"	1-9/16"	1-9/16"	2-23/32"	3-3/64"	1-1/2"	1-1/16"	1-1/16"	7/8"
OFFSET					3/8"	3/8"	1/4"			17/64"	1-5/16"	3/8"
FOR METAL	✓		✓	✓		✓			✓	✓	✓	✓
FOR WOOD	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓



"A" Bracket
Positions handy box against face and side of stud.



"B" Bracket
Face mounts on front edge of wood stud. Use when space between studs is limited.



"W" Bracket
Positions box away from side of stud to clear the trim molding of a door frame.



"FH" Bracket
Side-mount bracket with hooks that drive into face of stud.



"FM" Bracket
Mounts on flat side of stud.



"FA" Bracket
Allows box to be flush mounted to stud or joist.



BOX-LOC® "MS" Bracket
Positions box on either side of stud. BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud. Barbed hooks dig into the flat side of the stud, quickly locking it into place.



"TS" Bracket
Side-mount bracket for octagon, square, switch and handy boxes. Gauging tabs and recessed nailing spurs.



"LB" Bracket
Face mounts on front edge of wood stud. Use when space between studs is limited. 5/8" offset to clear narrow door molding.



"D" Bracket
Mounts on flat side of stud.



"H" Bracket
Narrow bracket allows side-by-side mounting on stud. Positioning tabs locate box perfect distance from stud. V notch centers box. Dimples protect flush drywall installation.



"UBS" Support
Universal Back Side support to provide bracing on back of box for wall cavities 2-1/2" - 6" thick.



"J" Bracket
Spurs, slotted holes for toenailing. Gauging notches at 3/8" and 1/2".



"M" Bracket
Brackets on both/opposite sides of box

CEILING FAN SUPPORT PRODUCTS



Application

- The RACO® 7120, and 7120-1 are premium boxes for rugged new work, old work ceiling fan and fixture installations

Product Features

- The 7120, and 7120-1 are made of heavy-duty engineered polycarbonate plastic 7120VB for vapor barrier applications
- Rated for 70 pound ceiling fan and 210 pound fixture support
- Self-gripping wire entry clamps
- Grips the joist for hands free positioning and installation
- Designed to accommodate 1/2" thick drywall
- Mounting hardware and instructions included

Reference Data

- Cable clamp U.S. Patent 4,874,905 & 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599
- Cat. #7120 U.S. Patent 5,234,119; Mexico Patent 179,825

Compliances

- – Standard 514-C, File E104681 and R9320
- RACO® 7120, 7120-1 and 7120VB are UL listed for nonmetallic wiring systems
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hr. Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7120VB



7120-1
SADDLE BOX®



7120
SADDLE BOX®

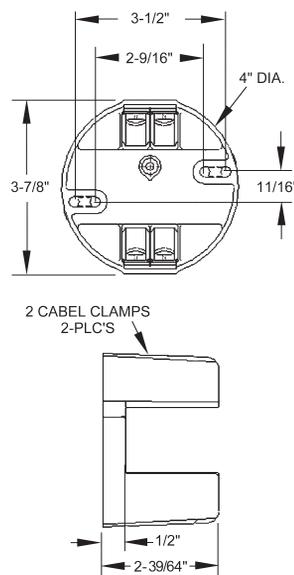
RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4" ROUND CEILING FAN AND FIXTURE BOX – SADDLE BOX®							
FOR NONMETALLIC SHEATHED CABLE OR CONDUIT – 12.5 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7120VB	Ceiling box	4	12.5	24*		70	210
7120	SADDLE BOX®	4	12.5	20*		70	210
7120-1	SADDLE BOX®	4	12.5	24		70	210

*Packaged in a stackable, individual chipboard box suitable for shelf display

SADDLE BOX®



CEILING FAN AND FIXTURE SUPPORT PRODUCTS

1/2", 1-1/2" AND 2-1/8" DEEP



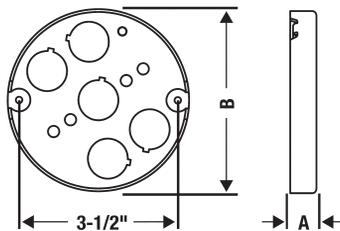
Application

- RACO® Ceiling Support Boxes are specifically designed for ceiling fan and ceiling or wall light fixture support

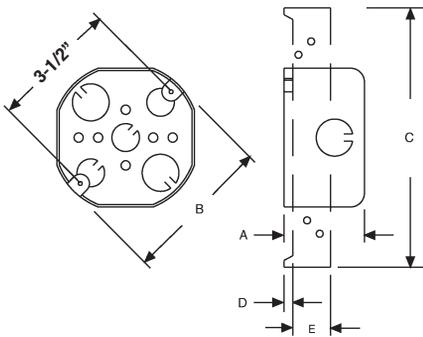
Product Features

- See page B87 for **THE INSIDER®** (part #4714) nonmetallic sheathed cable connector information
- Mounting hardware and instructions are included

4" ROUND PAN



4" OCTAGON BOXES



Compliance

- – File E195978



295-1, w/4714 THE INSIDER®



294, 295, 296, 299



294-1



299



296-1

ORDERING INFORMATION - DIMENSIONS

4" ROUND CEILING FAN PAN - 1/2" DEEP – DRAWN WITH CONDUIT KO'S 6.0 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		CABLE	BOTTOM COND.			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
295-1	—	INSIDER	5-1/2"	10	—	70	150
295*	—	INSIDER	5-1/2"	10		70	150

4" OCTAGON CEILING FAN BOX – 1-1/2" AND 2-1/8" DEEP – DRAWN WITH INSIDER® CONNECTOR FOR NONMETALLIC SHEATHED CABLE									
CATALOG NUMBER	BOX DEPTH	BOX VOL. CU. IN.	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
			CABLE	SIDES COND.	BOTTOM COND.			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
296-1	1-1/2"	15.5	INSIDER	4-1/2"	3-1/2"	20	—	70	150
296*	1-1/2"	15.5	INSIDER	4-1/2"	3-1/2"	8		70	150
299*	2-1/8"	21.5	INSIDER	4-1/2"	3-1/2"	6		70	150

4" OCTAGON CEILING FAN BOX – 2-1/8" DEEP – DRAWN WITH INSIDER® CONNECTOR FOR NONMETALLIC SHEATHED CABLE – 21.5 CUBIC INCHES								
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		CABLE	SIDES COND.	BOTTOM COND.			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
294-1	FA brkt., 1/2"	INSIDER	3-1/2"	3-1/2"	10	—	70	150
294*	FA brkt., 1/2"	INSIDER	3-1/2"	3-1/2"	10		70	150

REPLACEMENT HARDWARE – FAN MOUNTING SCREWS			
CATALOG NUMBER	DESCRIPTION	SHIP CARTON QTY.	INNER PACK QTY.
8994*	#10-32 x 1-3/8" replacement screws for RACO catalog numbers 295, 295-1	500	50
8995*	#10-32 x 2-3/8" replacement screws for RACO catalog numbers 296, 296-1	300	30
8996*	#10-32 x 3-1/8" replacement screws for RACO catalog numbers 294, 294-1, 299	250	25

DIMENSIONS					
CATALOG NUMBER	A (INSIDE)	B	C	D	E
294, 294-1	2-1/8"	4"	5-1/2"	1/2"	2-1/4"
295, 295-1	1/2"	4"	—	—	—
296, 296-1	1-1/2"	4"	—	—	—
299	2-1/8"	4"	—	—	—

* Packaged in a stackable, individual chipboard box suitable for shelf display. Sold in master carton quantities only. Hubbell® RACO® does not break carton quantities on these items



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



CEILING FAN SUPPORT PRODUCTS



Brace Applications

- RACO® RETRO-BRACE® is intended for installations of heavy lighting fixtures or ceiling paddle fans in old work or new work applications
- KWIK-BRACE® is for new work installations where the ceiling drywall has not been installed
- They are ideal for heavy lighting fixtures and ceiling paddle fans

Brace Product Features

- RETRO-BRACE is adjustable for joist spacing from 16" to 24"
- RETRO-BRACE - Simple "tool free" expansion of brace
- RETRO-BRACE has preset support brackets
- Easy-to-follow instructions and mounting hardware included
- KWIK-BRACE slides apart to accommodate joist spacing from 16" to 24"
- Nailing spurs allow for easy brace positioning
- Outlet box can be positioned in any location along its length
- Simple fastener for tightening outlet box and brace
- See page B87 for **THE INSIDER®** (part #4714) nonmetallic sheathed cable connector information

Concrete Ring Application

- Concrete rings are used with poured deck (floor) in high-rise construction

GORILLA RING® Product Features

- GORILLA RING features mounting screws that allow for safe and secure mounting of any chandeliers, or lighting fixtures 70 lbs. or less
- Double row of KO's allow greater installation flexibility with a minimum of bends or offsets for working around reinforcing rods

Compliance

- – File E195978



923, 924
KWIK-BRACE®
w/4714 THE INSIDER®



936, 937
RETRO-BRACE®
w/4714 THE INSIDER®



926 - 926-1
KWIK-BRACE®



927, 928 KWIK-BRACE®
w/4714 THE INSIDER®



284
GORILLA-RING®

RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

REMODELING BRACES FOR LIGHTING FIXTURES OR CEILING FANS – RETRO-BRACE WITH BOX						
CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS ^①	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
936*	1-1/2" Deep Box Remodeling Kit	15.5	6		70/35	110/50
937*	2-1/8" Deep Box Remodeling Kit	21.5	4		70/35	110/50

①70/110 ratings @ 16" span; 35/50 ratings @ 24" spans

NEW CONSTRUCTION BRACES FOR LIGHTING FIXTURES OR CEILING FANS KWIK-BRACE WITH BOX						
CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS ^②	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
923	1/2" Deep box	6.0	18		70	210/90
924*	1/2" Deep box	6.0	6		70	210/90
926-1	1-1/2" Deep box	15.5	12		70	210/90
926*	1-1/2" Deep box	15.5	6		70	210/90
927	2-1/8" Deep box	21.5	12		70	210/90
928*	2-1/8" Deep box	21.5	6		70	210/90

②70/210 ratings @ 16" span; 70/90 ratings @ 24" spans

REPLACEMENT HARDWARE – FAN MOUNTING SCREWS			
CATALOG NUMBER	DESCRIPTION	SHIP CARTON QTY.	INNER PACK QTY.
8994*	#10-32 x 1-3/8" replacement screws for RACO catalog numbers 295, 295-1, 923, 924	500	50
8995*	#10-32 x 2-3/8" replacement screws for RACO catalog numbers 296, 926, 936	300	30
8996*	#10-32 x 3-1/8" replacement screws for RACO catalog numbers 294, 299, 928, 937	250	25

CONCRETE RING - 4" DEEP – FOR CEILING FAN SUPPORT – GORILLA RING									
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS			CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.					
284	RACO 890 or 892 cover must be ordered separately	—	Double row 1/2" & 3/4"	—	49.3	6	—	35	70

* Packaged in a stackable, individual chipboard box suitable for shelf display. *Sold in master carton quantities only. Hubbell® RACO® does not break carton quantities on these items

4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



1/2" AND 3/4" DEEP - 3-1/2" and 4" ROUND

Application

- Ceiling pans are used in the installation of ceiling or wall lighting fixtures

Product Features

- Combination screw heads provide for faster installation
- See page B87 for **THE INSIDER®** (part #4714) nonmetallic sheathed cable connector information



292, 8292

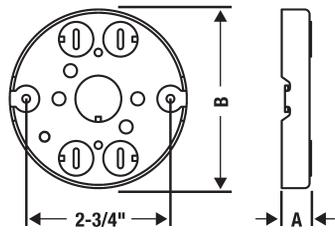
287

293, 8293

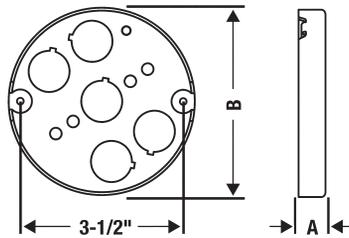
295, 295-1, w/4714 THE INSIDER®

703, 8703-5

3-1/2" ROUND PAN



4" ROUND PAN



Compliance

- – File E195978

ORDERING INFORMATION - DIMENSIONS

3-1/2" ROUND PAN – 1/2" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 4.0 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.				
292	Round ceiling pan	4 priouts	1-1/2"	50	—	No	50
8292	Round ceiling pan	4 priouts	1-1/2"	50		No	50

3-1/2" ROUND PAN – 11/16" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 5.0 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.				
287	Round ceiling pan	4 priouts	1-1/2"	50	—	No	50

4" ROUND CEILING FAN AND FIXTURE PAN – 1/2" DEEP – DRAWN WITH CONDUIT KO'S 6.0 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.				
293	Round ceiling pan	—	5-1/2"	50	—	No	50
8293	Round ceiling pan	—	5-1/2"	50		No	50
295-1*	Round ceiling pan	INSIDER	5-1/2"	10	—	70	150
295*	Round ceiling pan	INSIDER	5-1/2"	10		70	150

3-1/2" ROUND COVER			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
703	Flat, 1/2" KO in center	25	
8703-5	Flat, 1/2" KO in center	50*	

*5 Bundles of 10

DIMENSIONS		
CATALOG NUMBER	A (INSIDE)	B
292, 8292	1/2"	3-3/8"
287	11/16"	3-3/8"
293, 8293	1/2"	4"
295, 295-1	1/2"	4"

* Packaged in a stackable, individual chipboard box suitable for shelf display. Sold in master carton quantities only. Hubbell® RACO® does not break carton quantities on these items



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

3-1/2" OCTAGON BOXES

1-1/2" DEEP

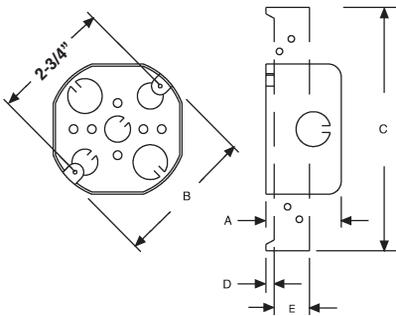
Applications

- Octagon boxes are used in the installation of ceiling or wall lighting fixtures
- Extension rings provide a means for adding additional cubic capacity or as an outlet box for surface conduit

Product Features

- Combination screw heads provide for faster installation
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features

3-1/2" OCTAGON BOXES



Compliance

- – File E195978



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

3-1/2" OCTAGON BOX – 1-1/2" DEEP – DRAWN WITH CONDUIT KO'S – 11.8 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		COND.	COND.				
110	—	4-1/2"	1-1/2"	25		No	50

3-1/2" OCTAGON BOX – 1-1/2" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 11.8 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
112	—	4	2-1/2"	1-1/2"	25		No	50
119	TS brkt., 1/2"	4	1-1/2"	1-1/2"	25		No	50

3-1/2" OCTAGON EXTENSION RING – 1-1/2" DEEP – DRAWN WITH CONDUIT KO'S – 11.8 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE
		SIDES COND.	BOTTOM COND.		
111	Extension ring	4-1/2"	—	25	

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C	D	E
110	1-1/2"	3-1/2"	—	—	—
112	1-1/2"	3-1/2"	—	—	—
119	1-1/2"	3-1/2"	7"	1/2"	1-1/16"
111	1-1/2"	3-1/2"	—	—	—



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

4" OCTAGON BOXES AND EXTENSIONS

1-1/2" DEEP/CONDUIT

Application

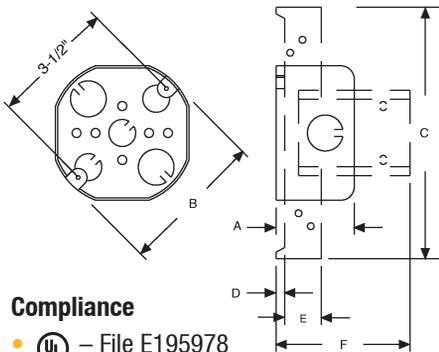
- Octagon boxes are used in the installation of ceiling or wall lighting fixtures

Product Features

- Combination screw heads provide for faster installation
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- Fixture bar hanger allows box to be located anywhere along length of bar
- RACO® 324 includes 3/8"-18 NPS trade sized stud to accommodate fixture stem. Locknut is not required for mounting box



4" OCTAGON BOXES



Compliance

- - File E195978

ORDERING INFORMATION - DIMENSIONS

4" OCTAGON BOX - 1-1/2" DEEP - DRAWN WITH CONDUIT KO'S - 15.5 CUBIC INCHES								
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RAISED GROUND PROVISION	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		COND.	COND.					
125	—	4-1/2"	5-1/2"	50	—	—	No	50
8125	—	4-1/2"	4-1/2"	50		Yes	No	50
126	—	4-3/4"	2-1/2" 2-3/4"	50	—	Yes	No	50
127	—	2-1/2" 2-3/4"	2-1/2" 2-3/4"	50		Yes	No	50
158	J brkt., 3/8" or 1/2"	4-1/2"	5-1/2"	50		—	No	50
161	TS brkt., 1/2"	3-1/2"	5-1/2"	50		—	No	50

DIMENSIONS						
CATALOG NUMBER	A (INSIDE)	B	C	D	E	F
125, 8125	1-1/2"	4"	—	—	—	—
126	1-1/2"	4"	—	—	—	—
127	1-1/2"	4"	—	—	—	—
158	1-1/2"	4"	2-3/8"	—	—	3-1/8"
161	1-1/2"	4"	7"	1/2"	1-1/16"	—

4" OCTAGON BOX WITH BAR HANGER - 1-1/2" DEEP (INSIDE) - DRAWN WITH CONDUIT KO'S - 15.5 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		COND.	COND.				
324*	3/8" Stud, adj. 14-1/4" to 22-1/2"	4-1/2"	4-1/2"	25		No	50

*UL Rated at 16" on center joist

4" OCTAGON BOXES

1-1/2" DEEP WITH NONMETALLIC CABLE CLAMPS

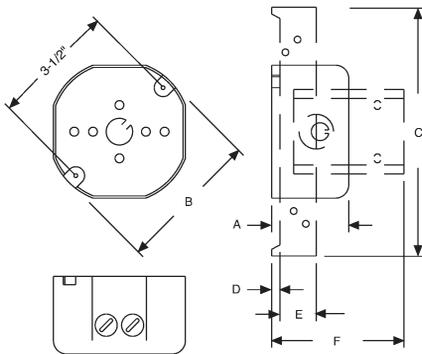
Application

- Octagon boxes are used in the installation of ceiling or wall lighting fixtures

Product Features

- RACO® offers a variety of labor saving mounting brackets that allow for easy positioning of box along studs or joists
- Reference the Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- Fixture bar hanger allows box to be located anywhere along length of bar
- RACO® 326, 8326 includes 3/8"-18 NPS trade sized stud to accommodate fixture stem. Locknut not required to mount box
- Combination screw heads provide for faster installation

4" OCTAGON BOXES



Compliance

- – File E195978



ORDERING INFORMATION - DIMENSIONS

4" OCTAGON BOX – 1-1/2" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 15.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
146	—	4	2-1/2"	1-1/2"	50	—	No	50
8146	—	4	2-1/2"	1-1/2"	50		No	50
145	Side holes, 1/8" & 1/4"	4	2-1/2"	1-1/2"	50	—	No	50
150	Ears	4	2-1/2"	1-1/2"	50		No	50
160	J brkt., 3/8" or 1/2"	4	2-1/2"	1-1/2"	50		No	50
164	TS brkt., 1/2"	4	1-1/2"	1-1/2"	50		No	50

4" OCTAGON WITH BAR HANGER – 1-1/2" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 15.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
326*	3/8" Stud, adj. 14-1/4" to 22-1/2"	4	2-1/2"	—	25	—	No	50
8326*	3/8" Stud, adj. 14-1/4" to 22-1/2"	4	2-1/2"	—	25		No	50

*UL Rated at 16" on center joist

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C	D	E	F
146, 8146	1-1/2"	4"	—	—	—	—
145	1-1/2"	4"	—	—	—	—
150	1-1/2"	4"	—	—	—	—
160	1-1/2"	4"	2-3/8"	—	—	3-1/8"
164	1-1/2"	4"	7"	1/2"	1-1/16"	—

RACO STEEL BOXES & COVERS



1-1/2" DEEP WITH ARMORED CABLE CLAMPS

Applications

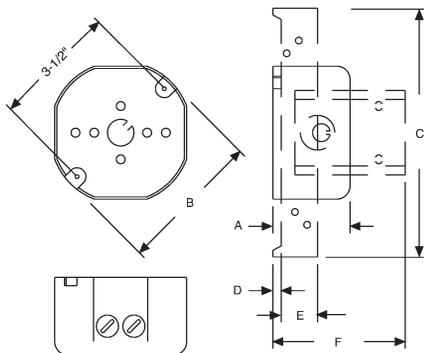
- Octagon boxes are used in the installation of ceiling or wall lighting fixtures

Product Features

- RACO® offers a variety of labor saving mounting brackets that allow for easy positioning of box along studs or joists
- Reference the Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- Fixture bar hanger allows box to be located anywhere along length of bar
- RACO® 325, 8325 includes 3/8"-18 NPS trade sized stud to accommodate fixture stem. Locknut not required to mount box



4" OCTAGON BOXES



Compliance

- – File E195978

ORDERING INFORMATION - DIMENSIONS

4" OCTAGON BOX WITH BAR HANGER – 1-1/2" DEEP – DRAWN WITH ARMORED CABLE/METAL CLAD/FLEX CLAMPS – 15.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
325*	3/8" Stud, adj. 14-1/4" – 22-1/2"	4	2-1/2"	—	25	—	No	50
8325*	3/8" Stud, adj. 14-1/4" – 22-1/2"	4	2-1/2"	—	25		No	50

*UL Rated at 16" on center joist

4" OCTAGON BOX – 1-1/2" DEEP – DRAWN WITH ARMORED CABLE/METAL CLAD/FLEX CLAMPS – 15.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
153	—	4	2-1/2"	1-1/2"	25		No	50
155	TS brkt., 1/2"	4	1-1/2"	1-1/2"	50		No	50
157	J brkt., 3/8" or 1/2"	4	2-1/2"	1-1/2"	50		No	50

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C	D	E	F
153	1-1/2"	4"	—	—	—	—
155	1-1/2"	4"	7"	1/2"	1-1/16"	—
157	1-1/2"	4"	2-3/8"	1/2"	—	3-1/8"

4" OCTAGON BOXES

2-1/8" DEEP/CONDUIT

Application

- Octagon boxes are used in the installation of ceiling or wall lighting fixtures



166



167

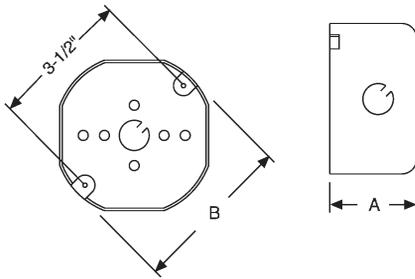


165

RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4" OCTAGON BOXES



4" OCTAGON BOX – 2-1/8" DEEP (INSIDE) – DRAWN WITH CONDUIT KNOCKOUTS – 21.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		COND.	COND.				
165	—	4-1/2"	5-1/2"	50	—	No	50
166	—	4-3/4"	3-1/2" 2-3/4"	50	—	No	50
167	—	2-1/2" 2-3/4"	2-3/4" 3-1/2"	50		No	50

Compliance

- UL – File E195978

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B
165	2-1/8"	4"
166	2-1/8"	4"
167	2-1/8"	4"



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

2-1/8" DEEP WITH NONMETALLIC CABLE CLAMPS

Application

- Octagon boxes are used in the installation of ceiling or wall lighting fixtures
- Extension rings provide a means for adding additional cubic capacity or as an outlet box for surface conduit

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- Combination screw heads provide for faster installation



175



176



177



128

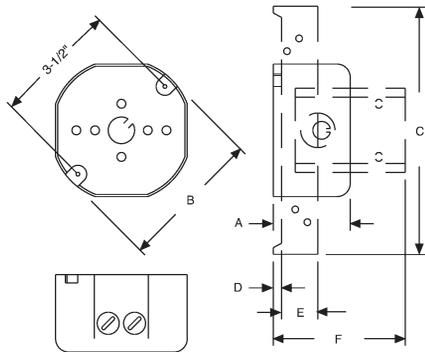


130



131RAC

4" OCTAGON BOXES



ORDERING INFORMATION - DIMENSIONS

4" OCTAGON BOX – 2-1/8" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 21.5 CUBIC INCHES								
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
175	—	4	2-1/2"	1-1/2"	50		No	50
176	J brkt., 5/8"	4	2-1/2"	1-1/2"	25		No	50
177	TS brkt., 1/2"	4	1-1/2"	1-1/2"	25	—	No	50

Compliance

- – File E195978
- – File LR-1082 (128, 130, 131RAC)

4" OCTAGON EXTENSION RINGS – 1-1/2" DEEP – DRAWN WITH CONDUIT KO'S – 15.5 CU. IN.							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES COND.				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
128	Extension ring	4-1/2"		25		NO	50
130	Extension ring	2-1/2", 2-3/4"		50		NO	50
131RAC	Extension ring	4-3/4"		25		NO	50

DIMENSIONS						
CATALOG NUMBER	A (INSIDE)	B	C	D	E	F
128	1-1/2"	4"	—	—	—	—
130	1-1/2"	4"	—	—	—	—
131RAC	1-1/2"	4"	—	—	—	—
175	2-1/8"	4"	—	—	—	—
176	2-1/8"	4"	2-3/8"	5/8"	—	3-1/8"
177	2-1/8"	4"	7"	1/2"	1-1/16"	—

OCTAGON AND ROUND COVERS

RACO STEEL BOXES & COVERS

Applications

- Covers are used to close an outlet box
- Switches or receptacles may be installed into octagon boxes by using covers 729 or 731
- Raised covers are used for mounting lighting fixtures
- 5" Round closure plates are designed for use in dry locations for closure at unused ceiling outlets

Product Features

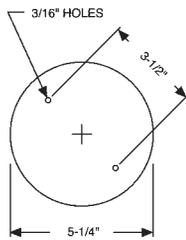
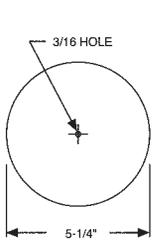
- 5" Round covers feature state-of-the-art powder coat paint finish which provides a light texture finish and scratch resistance
- Swivel cover restricted to 20° swing from vertical
- KWIK-HANG® allows easy installation of high bay lighting fixtures. Fixture nests in cover while wiring is completed



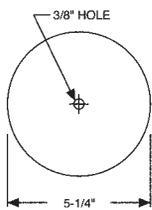
ROUND CLOSURE PLATES

CAT. NO. 5652-1

CAT. NO. 5653-1



CAT. NO. 5654-1



Compliance

- – File E195978
- – File LR-1082 (722, 729, 731)

ORDERING INFORMATION - DIMENSIONS

4" OCTAGON AND ROUND COVERS						
CATALOG NUMBER	DESCRIPTION	CU. IN.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
722	Flat, blank	—	50	—	No	No
8722-5	Flat, blank	—	50*		No	No
724	Flat, 1/2" KO	—	50		No	No
8724-5	Flat, 1/2" KO	—	50*		No	No
729	Flat, toggle switch	—	50		No	No
731	Flat, duplex receptacle	—	25		No	No
8731-5	Flat, duplex receptacle	—	50*		No	No
737	Raised 1/2", open, ears 2-3/4" O.C.	3.3	25		No	50
727	Raised 5/8", open, ears 2-3/4" O.C.	3.8	25		No	50
732	Raised 1", open, ears 2-3/4" O.C.	6.5	25	—	No	50

*5 Bundles of 10

SWIVEL FIXTURE, SUPPORT COVERS						
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS		
				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.	
894	KWIK-HANG®, For 3-1/2" or 4" octagon boxes, 1/2" or 3/4" conduit	25		No	50	
895	For 3-1/2" or 4" octagon boxes, 1/2" or 3/4" conduit	25		No	50	

5" ROUND STEEL CLOSURE PLATES					
CATALOG NUMBER	COLOR	DESCRIPTION TYPE	PKG. PKG.	STD. BAR CODE	UPC
5652-1	Off-white	Screw & universal mount strap	Shrink	10	—
5653-1	Off-white	(2) 8-32 screws, direct mount to fixture outlet box	Shrink	10	—
5654-1	Off-white	Fixture stud & universal mount strap	Shrink	10	—



Applications

- Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices
- Drawn boxes are ideal for exposed work applications

Product Features

- Combination screw heads provide for faster installation
- Thru-the-wall box is designed for shallow wall applications and allows for attachment of wall plate to both faces of box
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout
- TKO® knockouts allow for design and installation flexibility
- UBS Support - Welded to box, preset bend points to work with wall thickness 2-1/2" to 6"
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliances

-  - File E195978

 All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts



ORDERING INFORMATION - DIMENSIONS

4" SQUARE - 1-1/4" DEEP (INSIDE) - DRAWN WITH CONDUIT KO'S - 18.0 CUBIC INCHES

CATALOG NUMBER	UBS FAR SIDE SUPPORT	KNOCKOUTS		STD. PKG.	RAISED GROUND PROVISION	PIG-TAIL	UPC BAR CODE
		SIDES COND.	BOTTOM COND.				
185	—	10-1/2"	5-1/2"	50	No	No	

4" SQUARE - 1-1/2" DEEP (INSIDE) - DRAWN WITH CONDUIT KO'S - 21.0 CUBIC INCHES

CATALOG NUMBER	UBS FAR SIDE SUPPORT	KNOCKOUTS		STD. PKG.	RAISED GROUND PROVISION	PIG-TAIL	UPC BAR CODE
		SIDES	BOTTOM				
		COND.	COND.				
190	—	12-1/2"	4-1/2"	50	Yes	No	
8190	—	12-1/2"	4-1/2"	50	Yes	No	
191	—	8-3/4"	1-1/2", 3-3/4"	50	Yes	No	
8191	—	8-3/4"	1-1/2", 3-3/4"	25	Yes	No	
192	—	8-1/2", 4-3/4"	2-1/2", 2-3/4"	50	Yes	No	
8192	—	8-1/2", 4-3/4"	2-1/2", 2-3/4"	50	Yes	No	
192SM	—	8-1/2", 4-3/4"	2-1/2", 2-3/4"	50	Yes	Yes	

4" SQUARE - 1-1/2" DEEP (INSIDE) - WELDED WITH CONDUIT KO'S - 21.0 CUBIC INCHES

CATALOG NUMBER	UBS FAR SIDE SUPPORT	KNOCKOUTS		STD. PKG.	RAISED GROUND PROVISION	PIG-TAIL	UPC BAR CODE
		SIDES COND.	BOTTOM COND.				
181	—	8-3/4"	1-1/2", 4-3/4"	50	No	No	—
600V 189	—	8-1/2", 4-TKO®	2-1/2", 2-TKO®	50	Yes	No	—
600V 8189	—	8-1/2", 4-TKO®	3-1/2", 2-TKO®	50	No	No	
600V 189SM	—	8-1/2", 4-TKO®	2-1/2", 2-TKO®	50	Yes	Yes	—
600V 189F	Yes	8-1/2", 4-TKO®	2-1/2", 2-TKO®	50	Yes	Yes	—
600V 911-9	—	8-1/2", 4-TKO®	3-1/2", 2-TKO®	50	No	No	—

4" SQ. - THRU-THE-WALL BOX - 1-1/2" DEEP (INSIDE) - DRAWN WITH CONDUIT KO'S - 22.5 CU. IN.

CATALOG NUMBER	UBS FAR SIDE SUPPORT	KNOCKOUTS		CU. IN.	STD. PKG.	PIG-TAIL	UPC BAR CODE
		SIDES COND.	BOTTOM COND.				
204	—	8-1/2", 4-3/4"	—	22.5	50	No	—

 4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

4" SQUARE BOXES

1-1/2" DEEP/CONDUIT

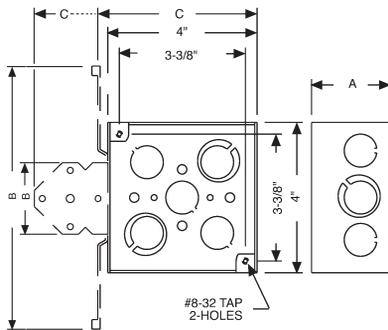
Applications

- Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud. Barbed hooks dig into the flat side of the stud, quickly locking it in place
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout
- UBS Support - Welded to box, preset bend points to work with wall thickness 2-1/2" to 6"

4" SQUARE BOXES

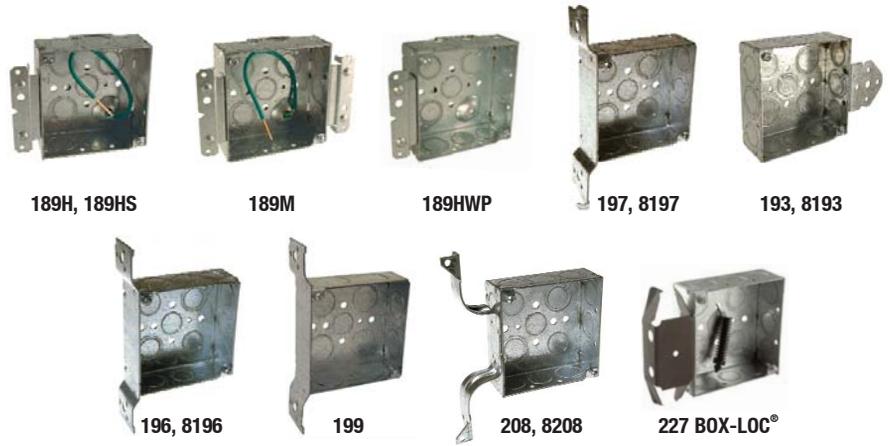


Compliances

- - File E195978

All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4" SQUARE BRACKETED BOXES - 1-1/2" DEEP - WELDED WITH CONDUIT KO'S - 21.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UBS SUP-PORT	PIG-TAIL	RSD. GRND. PRVSN.	UPC BAR CODE
		SIDES	BOTTOM					
		COND.	COND.					
600V 189H	HM	6-1/2", 3 - TKO®	2-1/2", 2 - TKO®	20	Yes	Yes	Yes	—
600V 189HS*	HM	6-1/2", 3 - TKO®	2-1/2", 2 - TKO®	20	Yes	Yes	Yes	—
600V 189M	HM	4-1/2", 2 - TKO®	2-1/2", 2 - TKO®	20	Yes	Yes	Yes	—
600V 189HWP	HM	6-1/2", 3 - TKO®	2-1/2", 2 - TKO®	20	Yes	No	Yes	—
600V 193	B, flush	6-1/2", 3 - TKO®	3-1/2", 2 - TKO®	25	—	No	—	
600V 8193	B, flush	6-1/2", 3 - TKO®	3-1/2", 2 - TKO®	10	—	No	—	
600V 196	FM, flush	6-1/2", 3 - TKO®	3-1/2", 2 - TKO®	25	—	No	—	—
600V 8196	FM, flush	6-1/2", 3 - TKO®	3-1/2", 2 - TKO®	25	—	No	—	
600V 197	FH, flush	6-1/2", 3 - TKO®	3-1/2", 2 - TKO®	25	—	No	—	—
600V 8197	FH, flush	6-1/2", 3 - TKO®	3-1/2", 2 - TKO®	25	—	No	—	
600V 199	FM, flush	6-3/4"	1-1/2", 4-3/4"	25	—	No	—	—
600V 208	W, flush	6-1/2", 3 - TKO®	3-1/2", 2 - TKO®	25	—	No	—	—
600V 8208	W, flush	6-1/2", 3 - TKO®	3-1/2", 2 - TKO®	25	—	No	—	
600V 227	BOX-LOC® (MS) flush	6-1/2", 3 - TKO®	3-1/2", 2 - TKO®	25	Plastic	No	—	

*Box has stranded pigtail assembled

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C
189H	1-1/2"	3-1/8"	4-5/16"
189HS	1-1/2"	3-1/8"	4-5/16"
189M	1-1/2"	3-1/8"	4-5/16"
189HWP	1-1/2"	3-1/8"	4-5/16"
193, 8193	1-1/2"	1-31/32"	6"
196, 8196	1-1/2"	6-7/8"	4-3/8"
197, 8197	1-1/2"	7-3/8"	4-3/8"
199	1-1/2"	6-7/8"	4-3/8"
208, 8208	1-1/2"	6-13/16"	5-15/16"
227	1-1/2"	4-5/8"	5-1/2"



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



4" SQUARE BOXES

1-1/2" DEEP WITH ARMORED CABLE CLAMPS

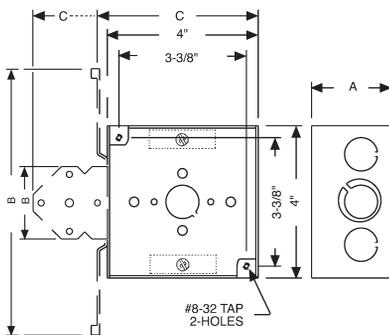
Applications

- Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud. Barbed hooks dig into the flat side of the stud, quickly locking it in place
- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout

4" SQUARE BOXES



Compliances

- UL – File E195978

All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts



ORDERING INFORMATION - DIMENSIONS

4" SQUARE – 1-1/2" DEEP – WELDED WITH ARMORED CABLE/METAL CLAD/FLEX CLAMPS – 21.0 CUBIC INCHES								
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			UBS SUP-PORT	STD. PKG.	UPC BAR CODE	
		SIDES		BOTTOM COND.				
		CABLE	COND.					
600V 213	—	4	4-1/2", 2 – TKO®	1-1/2"	—	50	—	
600V 8213	—	4	4-1/2", 2 – TKO®	1-1/2"	—	50		
600V 219	FH, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	—	
600V 224	B, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	—	
600V 218	FM, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	—	
600V 8218	FM, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25		
600V 229*	BOX-LOC® (MS) flush	4	2-1/2", 1 – TKO®	1-1/2"	Plastic	25		
600V 213HWP	HM Bracket	4	2-1/2", 1 – TKO®	1-1/2"	Yes	20	—	

*Provided w/far-side support (part #978)

DIMENSIONS			
CATALOG NUMBER	A (INSIDE)	B	C
213, 8213	1-1/2"	—	—
218, 8218	1-1/2"	6-7/8"	4-3/8"
219	1-1/2"	7-3/8"	4-3/8"
224	1-1/2"	1-31/32"	6"
229	1-1/2"	4-5/8"	5-1/2"

4" SQUARE BOXES

1-1/2" DEEP WITH NONMETALLIC CABLE CLAMPS

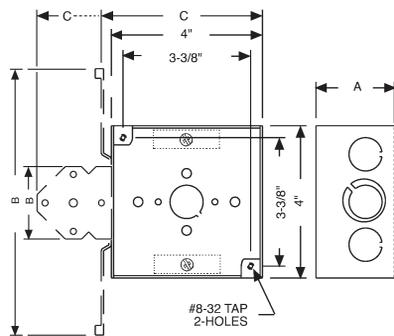
Applications

- Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud. Barbed hooks dig into the flat side of the stud, quickly locking it in place
- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout

4" SQUARE BOXES



Compliances

- – File E195978

All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts



211, 8211

220, 8220

223

228 BOX-LOC®

225

RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4" SQUARE – 1-1/2" DEEP – WELDED WITH NONMETALLIC SHEATHED CABLE CLAMPS – 21.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			UBS SUP-PORT	STD. PKG.	UPC BAR CODE
		SIDES		BOTTOM COND.			
		CABLE	COND.				
600V 211	—	4	4-1/2", 2 – TKO®	1-1/2"	—	50	—
600V 8211	—	4	4-1/2", 2 – TKO®	1-1/2"	—	50	
600V 220	FH, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	—
600V 8220	FH, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	
600V 223	FM, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	
600V 225	B, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	—
600V 228*	BOX-LOC® (MS) flush	4	2-1/2", 1 – TKO®	1-1/2"	Plastic	25	

*Provided w/far-side support (part #978)

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C
211, 8211	1-1/2"	—	—
220, 8220	1-1/2"	7-3/8"	4-3/8"
223	1-1/2"	6-7/8"	4-3/8"
225	1-1/2"	1-31/32"	6"
228	1-1/2"	4-5/8"	5-1/2"

4" SQUARE EXTENSION RINGS AND 4" SQUARE PLENUM BOXES

1-1/2" AND 2-1/8" DEEP/CONDUIT

Application

- Extension rings provide a means for adding additional cubic capacity or as an outlet box for surface conduit

Product Feature

- Combination screw heads provide for faster installation
- Red boxes, covers and extensions for dedicated life safety alarm circuits
- RACO 187 can be positioned to accommodate one or two switch boxes

Compliance

-  – File E195978



ORDERING INFORMATION - DIMENSIONS

4" SQUARE EXTENSION RINGS – 1-1/2" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 22.5 CUBIC INCHES					
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE
		SIDES COND.	BOTTOM COND.		
201	—	12-1/2"	—	50	—
8201	—	12-1/2"	—	25	
202	—	8-3/4"	—	50	—
203	—	8-1/2", 4-3/4"	—	50	—
8203	—	8-1/2", 4-3/4"	—	50	
187	Attaches to switch boxes	8-1/2", 4-3/4"	—	25	
911-6	Painted Red	8-1/2", 4-3/4"	—	50	—

Applications

- Plenum boxes are used in above-ceiling applications where air-tight enclosures are required

Product Features

- To maintain plenum seal, both RACO® 226 and 239 do not provide ground screw holes
- Cover gasket is PVC foam material

Compliance

-  – File E195978



ORDERING INFORMATION - DIMENSIONS

4" SQUARE PLENUM BOXES & COVER – 1-1/2" & 2-1/8" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S						
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		CU. IN.	STD. PKG.	UPC BAR CODE
		SIDES	BOTTOM			
226	1-1/2" Deep	8-1/2", 4-3/4"	3-1/2", 2-3/4"	21.0	50	—
239	2-1/8" Deep	8-1/2", 4-3/4"	3-1/2", 2-3/4"	30.3	25	—
762	Gasketed cover for 4" square boxes	—	—	—	50	—

4" SQUARE BOXES

2-1/8" DEEP/CONDUIT

Applications

- Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliances

-  – File E195978

 All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts



231, 8231

232, 8232

232F

232SM

233, 8233

911-3

RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4" SQUARE – 2-1/8" DEEP (INSIDE) – WELDED WITH CONDUIT KO'S – 30.3 CUBIC INCHES

CATALOG NUMBER	UBS FAR SIDE SUPPORT	KNOCKOUTS		STD. PKG.	RAISED GROUND PROVISION	PIGTAIL	UPC BAR CODE
		SIDES	BOTTOM				
		COND.	COND.				
231	—	8-3/4"	1-1/2", 4-3/4"	25	No	No	—
8231	—	8-3/4"	1-1/2", 4-3/4"	25	No	No	
600V 232	—	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	No	—
600V 8232	—	8-1/2", 4-TKO®	3-1/2", 2-TKO®	25	No	No	
600V 232F	Yes	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	—
600V 232SM	—	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	
233	—	8-1"	3-1/2", 2-3/4"	25	No	No	—
8233	—	8-1"	3-1/2", 2-3/4"	25	No	No	
600V 911-3	—	8-1/2", 4-TKO®	3-1/2", 2-TKO®	25	No	No	—



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

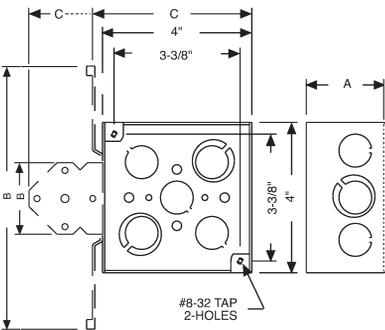
Applications

- Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud. Barbed hooks dig into the flat side of the stud, quickly locking it in place
- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout
- UBS Support - Welded to box, preset bend points to work with wall thickness 2-1/2" to 6"
- Red boxes, covers and extensions for dedicated life safety alarm circuits

4" SQUARE BOXES



Compliances

- UL – File E195978

All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts



ORDERING INFORMATION - DIMENSIONS

4" SQUARE – 2-1/8" DEEP – WELDED WITH CONDUIT KO'S – 30.3 CUBIC INCHES								
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UBS SUP-PORT	RSD. GRND. PRVSN.	PIG-TAIL	UPC BAR CODE
		SIDES	BOTTOM					
		COND.	COND.					
232H	HM Brkt	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	Yes	—
232HS*	HM Brkt	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	Yes	—
232HWP	HM Brkt	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	No	—
232M	HM Brkt	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	Yes	—
235	TS, flush	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	—	—	No	—
8235	TS, flush	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	—	—	No	
236	FM, flush	6-3/4"	1-1/2", 4-3/4"	25	—	—	No	
237	FM, flush	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	—	—	No	
238	BOX-LOC® (MS) flush	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	Plastic	—	No	
251	B Brkt	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	—	—	No	—
911-4	FM, flush	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	—	—	No	—

*Box has stranded pigtail assembled

DIMENSIONS			
CATALOG NUMBER	A (INSIDE)	B	C
232H, 232HS	2-1/8"	3-1/4"	4-5/16"
232HWP	2-1/8"	3-1/4"	4-5/16"
232M	2-1/8"	3-1/4"	4-5/16"
235, 8235	2-1/8"	7"	4-5/16"
236	2-1/8"	7-5/8"	4-3/8"
237	2-1/8"	7-5/8"	4-3/8"
238	2-1/8"	4-5/8"	5-1/2"
251	2-1/8"	1-31/32"	6"
911-4	2-1/8"	7-5/8"	4-3/8"



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

4" SQUARE BOXES

2-1/8" DEEP WITH CLAMPS (NONMETALLIC AND ARMORED CABLE)

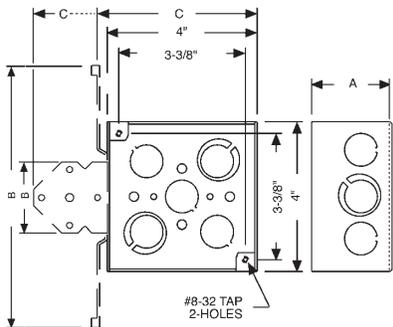
Applications

- Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud. Barbed hooks dig into the flat side of the stud, quickly locking it in place
- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout

4" SQUARE BOXES



Compliances

- - File E195978



All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4" SQUARE - 2-1/8" DEEP WITH NONMETALLIC SHEATHED CABLE CLAMPS - 30.3 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES		BOTTOM COND.		
		CABLE	COND.			
600V 240	TS, flush	4	2-1/2", 1 - TKO®	1-1/2"	25	—
600V 8240	TS, flush	4	2-1/2", 1 - TKO®	1-1/2"	25	
600V 242	—	4	4-1/2", 2 - TKO®	1-1/2"	25	—

4" SQUARE - 2-1/8" DEEP WITH ARMORED CABLE/METAL CLAD/FLEX CLAMPS - 30.3 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES		BOTTOM COND.		
		CABLE	COND.			
600V 241	TS, flush	4	2-1/2", 2 - TKO®	1-1/2"	25	—
600V 8241	TS, flush	4	2-1/2", 1 - TKO®	1-1/2"	25	
600V 243*	BOX-LOC® (MS) flush	4	2-1/2", 1 - TKO®	1-1/2"	25	
600V 248	—	4	4-1/2", 2 - TKO®	1-1/2"	25	
600V 249	B, flush	4	2-1/2", 1 - TKO®	1-1/2"	25	—

*Provided w/far-side support (part #978)

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C
240, 8240	2-1/8"	7"	4-5/16"
241, 8241	2-1/8"	7"	4-5/16"
242	2-1/8"	—	—
243	2-1/8"	4-5/8"	5-1/2"
248	2-1/8"	—	—
249	2-1/8"	1-31/32"	6"



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3-3/4" SQUARE BOXES AND 4" SQUARE RETRO RING®

3-1/2" DEEP/CONDUIT

RACO STEEL BOXES & COVERS

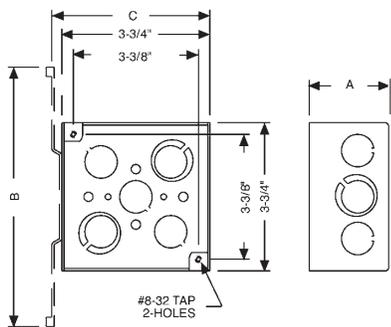
Applications

- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- 3-3/4" opening in wall allows for margin of error when using a 4" square cover
- Will accept all 4" square covers and mudrings
- Red boxes, covers and extensions for dedicated life safety alarm circuits

3-3/4" SQUARE BOXES



Compliance

- – File E195978

Applications

- RETRO-RING® 205RAC and 206RAC are used to position a 4" sq. steel junction box in a sheet rock covered wall cavity
- Use 205RAC in old work, life safety appliance installations
- 206RAC is used in old work installations where one or two devices are required

Product Features

- Works in 3/8" to 1-1/2" thick wall or ceiling applications
- Small footprint is covered by most popular life safety devices
- Steel old work wings allow for secure mounting of box and device to wall
- Includes one wall template per carton

Compliance

- Listed



255



911-1



256



911-2

ORDERING INFORMATION - DIMENSIONS

3-3/4" SQUARE, LARGE CAPACITY BOXES – 3-1/2" DEEP – WELDED WITH CONDUIT KO'S

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		CU. IN.	STD. PKG.	UPC BAR CODE
		SIDES	BOTTOM			
255*	FM, flush	10, 1/2" - 3/4" conc.	4, 1/2" - 3/4" conc.	40.5	10	
911-1*	FM, flush, Painted Red	10, 1/2" - 3/4" conc.	4, 1/2" - 3/4" conc.	40.5	10	—
256*	No bracket	12, 1/2" - 3/4" conc.	4, 1/2" - 3/4" conc.	40.5	25	
911-2*	No bracket, Painted Red	12, 1/2" - 3/4" conc.	4, 1/2" - 3/4" conc.	40.5	25	—

*Will accept a 4" square cover

DIMENSIONS

CATALOG NUMBER	A	B	C
255	3-1/2"	7- 5/8"	4-1/8"
911-1	3-1/2"	7- 5/8"	4-1/8"
256	3-1/2"	—	—
911-2	3-1/2"	—	—



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



205RAC



206RAC, 8206RAC

4" SQUARE RETRO-RINGS®

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
205RAC	Old work ring for alarm installation	20	—
206RAC	Old work ring for device installation	20	—
8206RAC	Old work ring for device installation	10	



4" SQUARE COVERS

Applications

- Covers are used to close an outlet box
- Raised device covers are used for mounting switches or receptacles

Product Features

- Angled mounting slots compensate up to 12° for box misalignment
- Swivel covers restricted to 20° swing from vertical
- KWIK-HANG® allows easy installation of high bay lighting fixtures. Fixture rests in position while wiring is completed
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliances

-  – File E195978
-  – File LR-1082

*5 Bundles of 10



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4" SQUARE COVERS						
CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
752	Flat, blank	—	50	—	No	No
8752	Flat, blank	—	50		No	No
8752-5	Flat, blank	—	50*		No	No
753	Flat, 1/2" KO in center	—	50	—	No	No
8753	Flat, 1/2" KO in center	—	50		No	No
8753-5	Flat, 1/2" KO in center	—	50*		No	No
911-8	Flat, blank, Painted Red	—	50	—	No	No

4" SQUARE DEVICE AND TILE COVERS - SINGLE DEVICE						
CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
767	Raised 1/2" open, ears 2-3/4" O.C.	3.0	25	—	No	50
8767	Raised 1/2" open, ears 2-3/4" O.C.	3.0	25		No	50
756	Raised 5/8" open, ears 2-3/4" O.C.	4.0	100	—	No	50
8756	Raised 5/8" open, ears 2-3/4" O.C.	4.0	25		No	50
759	Raised 3/4" open, ears 2-3/4" O.C.	5.0	25		No	50
757	Raised 1" open, ears 2-3/4" O.C.	6.8	25		No	50
758	Raised 1-1/4" open, ears 2-3/4" O.C.	8.5	25	—	No	50
787	Flat	—	50	—	—	—
8787	Flat	—	50		—	—
771	Raised 1/4"	1.5	100	—	—	—
8771	Raised 1/4"	1.5	25		—	—
772	Raised 1/2" drawn	3.5	100	—	—	—
8772	Raised 1/2" drawn	3.5	50		—	—
782	Raised 1/2" tile	3.5	25		—	—
768	Raised 5/8"	4.5	50	—	—	—
8768	Raised 5/8"	4.5	25		—	—
773	Raised 3/4"	5.5	50	—	—	—
8773	Raised 3/4"	5.5	50		—	—
774	Raised 1"	7.5	25		—	—
775	Raised 1-1/4"	9.5	25	—	—	—
8775	Raised 1-1/4"	9.5	25		—	—
785	Raised 1-1/2"	11.3	25	—	—	—
786	Raised 2"	14.5	25		—	—

SWIVEL FIXTURE COVERS						
CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
896	For 4" sq. boxes, 1/2" or 3/4" pipe	—	25	—	No	50
897	KWIK-HANG® For 4" sq. boxes 1/2" or 3/4" pipe	—	25	—	No	50



A30**4" SQUARE COVERS AND PARTITIONS**RACO STEEL BOXES
& COVERS**Applications**

- Covers are used to close an outlet box
- Raised device covers are used for mounting switches or receptacles

Product Feature

- Angled mounting slots compensate up to 12° for box misalignment

Low Voltage Partitions Applications

- Low voltage partitions may be added to conduit-type boxes to divide power from voice/data
- Must be used with raised covers

Product Features

- Partition divides 4" square boxes into two compartments
- Use with two-device covers which have a slot for the partition
- Partition is scored, so it can be broken at the proper depth of box and cover combination
- Helpful hint: Assemble the box with the partition in place before breaking off at the scored tab. This will prevent you from breaking off more tab than needed

Compliances

-  – File E195978
-  – File LR-1082
- Low voltage partitions are not UL listed

**ORDERING INFORMATION - DIMENSIONS**

4" SQUARE COMBINATION DEVICE AND TILE COVERS TWO DEVICE				
CATALOG NUMBER	DESCRIPTION	CU. IN.	STD. PKG.	UPC BAR CODE
791	Flat	—	50	
777	Raised 1/4", drawn	3.0	50	—
8777-0	Raised 1/4", drawn	3.0	10	
778	Raised 1/2", drawn	5.5	50	—
8778	Raised 1/2", drawn	5.5	25	
769	Raised 5/8", drawn	7.3	50	—
8769	Raised 5/8", drawn	7.3	25	
779	Raised 3/4", drawn	8.8	50	—
8779	Raised 3/4", drawn	8.8	50	
780	Raised 1", drawn	12.0	25	
781	Raised 1-1/4", drawn	15.0	25	—
8781	Raised 1-1/4", drawn	15.0	25	
795	Raised 1-1/2", welded	15.5	25	—
796	Raised 2", welded	20.5	25	—

LOW VOLTAGE PARTITIONS – FOR 1-1/2" & 2-1/8" DEEP			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
For 1-1/2" Deep Box and 2-Device Raised Cover*:			
706RAC	1/4", 1/2", 3/4" or 1" (777, 778, 8778, 779, 8779, 780)	25	—
708	1-1/4", 1-1/2", or 2" (781, 8781, 795, 796)	25	—
For 2-1/8" Deep Box and 2-Device Raised Cover*:			
707RAC	1/4", 1/2", 3/4" or 1" (777, 778, 8778, 779, 8779, 780)	25	—
709	1-1/4", 1-1/2", or 2" (781, 8781, 795, 796)	25	—

* Boxes, covers, and partitions must be ordered separately

* For 1-1/2" deep box with 5/8" cover, partition not available

* For 2-1/8" deep box with 5/8" cover, use #708 partition

* Partitions are usable but not UL listed for 4-11/16" sq. box

4" SQUARE EXPOSED WORK COVERS

Application

- Surface covers are used to support switches or receptacles in areas where the box is surface mounted or positioned in exposed work applications.

Product Features

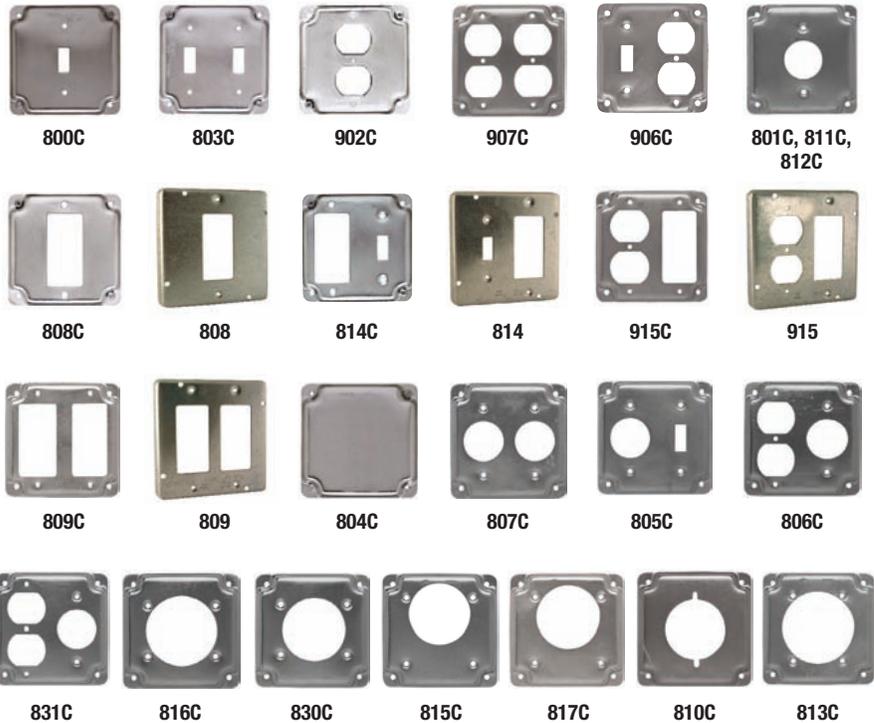
- RACO® exposed work covers include required hardware for mounting the receptacle(s)
- RACO® exposed work covers meet the requirements of the 2008 NEC Article 250.146 (A). No bonding jumper is required for covers with (1) crushed corners (2) two or more device attachment screws and (3) a lockwasher or equivalent
- Hardware and cover are packed in a poly-bag with printed catalog number, compliances and installation instructions

HELPFUL HINT: Remove a portion of the GFCI receptacle ear to mount device to 4" square cover

NOTE: 808, 809, 814, 915 covers are not crushed corners and require longer screws to attach to box. Longer screws are provided with covers

Compliances

-  – File E195978
 -  – File LR-1082



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4" SQUARE SURFACE COVERS – RAISED 1/2"						
CATALOG NUMBER	DESCRIPTION	CU. IN.	STD. PKG.	CRUSHED CORNERS	UPC BAR CODE	
800C	1 Toggle switch	6.5	10	Yes		
801C	1 Receptacle 1.406" dia.	6.5	10	Yes		
803C	2 Toggle switches	6.5	10	Yes		
804C	Blank, no holes	6.5	10	Yes		
805C	1 Toggle switch & 1 1.406" dia.	6.5	10	Yes		
806C	1 Duplex & 1 1.406" dia.	6.5	10	Yes		
807C	2 Receptacles, 1.406" dia. holes	6.5	10	Yes		
808C	1 GFCI	6.5	10	Yes		
808	1 GFCI	7.3	10	No		
809C	2 GFCI	6.5	10	Yes		
809	2 GFCI	7.3	10	No		
810C	30-50A Receptacle 2.141" dia.	6.5	10	Yes		
811C	30A locking 1.719" dia.	6.5	10	Yes		
812C	20A Receptacle 1.594" dia.	6.5	10	Yes		
813C	30-60A Receptacle 2.625" dia.	6.5	10	Yes		
814C	1 GFCI & 1 toggle switch	6.5	10	Yes		
814	1 GFCI & 1 toggle switch	7.3	10	No		
815C	1 Receptacle, 2.165" dia. hole, offset	6.5	10	Yes		
816C	1 Receptacle, 2.480" dia. hole	6.5	10	Yes		
817C	1 Receptacle, 2.275" dia. hole	6.5	10	Yes		
830C	1 Receptacle, 2.55" dia. hole	6.5	10	Yes		
831C	1 Duplex, 1 20A Twist Lock® 1.620" dia.	6.5	10	Yes		
902C	1 Duplex receptacle	6.5	10	Yes		
906C	1 Dup. & 1 toggle switch	6.5	10	Yes		
907C	2 Duplex receptacles	6.5	10	Yes		
915C	1 GFCI & 1 duplex receptacle	6.5	10	Yes		
915	GFCI & 1 duplex receptacle	7.3	10	No		



A32

4-11/16" SQUARE BOXES

1-1/2" AND 2-1/8" DEEP

RACO STEEL BOXES & COVERS

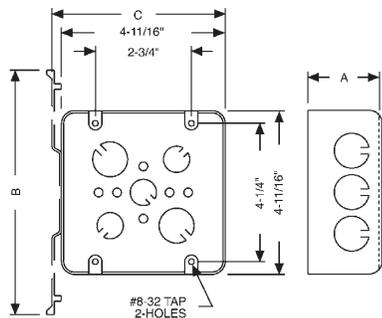
Applications

- Boxes are used for a wide variety of industrial applications where larger-sized conductors or wiring devices are needed and more volume is required
- Drawn boxes are ideal for exposed work applications (surface mounted wiring)

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud. Barbed hooks dig into the flat side of the stud, quickly locking it in place
- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout
- UBS Support - Welded to box, preset bend points to work with wall thickness 2-1/2" to 6"
- Red boxes, covers and extensions for dedicated life safety alarm circuits

4-11/16" SQUARE BOXES



Compliances

- UL – File E195978
- 600V Per U.L. 514-A, suitable for us without a bonding jumper in circuits up to 600 volts



ORDERING INFORMATION - DIMENSIONS

4-11/16" SQUARE BOXES – 1-1/2" DEEP – DRAWN WITH CONDUIT KO'S – 29.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	RAISED GROUND PROVISION	UPC BAR CODE
		SIDES COND.	BOTTOM COND.			
245	—	12-1/2"	3-1/2", 2-3/4"	25	—	—
246	—	10-3/4"	3-1/2", 2-3/4"	25	—	—
247	—	8-1/2", 4- 3/4"	3-1/2", 2-3/4"	25	—	—

4-11/16" SQUARE BOXES – 2-1/8" DEEP – WELDED WITH CONDUIT KO'S – 42.0 CUBIC INCHES

CAT. NUMBER	DESCR. BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UBS SUP-PORT	PIG-TAIL	RSD. GRND. PRVSN.	UPC BAR CODE
		SIDES COND.	BOTTOM COND.					
600V 257	—	12-TKO®	1-1/2", 3-TKO®	25	No	—	Yes	—
600V 8257	—	12-TKO®	1-1/2", 3-TKO®	25	No	—	Yes	
600V 257F	—	12-TKO®	1-1/2", 3-TKO®	20	Yes	Yes	Yes	—
600V 257H	HM	12-TKO®	1-1/2", 3-TKO®	20	Yes	Yes	Yes	—
600V 257HS*	HM	12-TKO®	1-1/2", 3-TKO®	20	Yes	Yes	Yes	—
600V 257M	HM	12-TKO®	1-1/2", 3-TKO®	20	Yes	Yes	Yes	—
600V 257SM	—	12-TKO®	1-1/2", 3-TKO®	25	No	Yes	Yes	
600V 258	—	8-1"	1-1/2", 3-TKO®	25	No	—	Yes	—
600V 258SM	—	8-1"	1-1/2", 3-TKO®	25	No	Yes	Yes	
600V 259	—	6-1-1/4"	1-1/2", 3-TKO®	25	No	—	Yes	—
600V 265	—	4-3/4", 4-1"	1-1/2", 3-TKO®	25	No	—	Yes	—
600V 8265	—	4-3/4", 4-1"	1-1/2", 3-TKO®	25	No	—	Yes	
600V 254	FM brkt.	9-TKO®	1-1/2", 3-TKO®	25	No	—	Yes	
600V 266	BOX-LOC®	9-TKO, MS fish.	1-1/2", 3-TKO®	25	No	—	Yes	
600V 911-12	—	12-TKO®	1-1/2", 2-3/4", 2-TKO	25	No	—	No	—

*Box has stranded pigtail assembled

4-11/16" SQUARE BOXES – 2-1/8" DEEP – WELDED WITH ARMORED CABLE/METAL CLAD/FLEX CLAMPS – 42.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG. CODE	UPC BAR	
		SIDES CABLE	BOTTOM COND.			
600V 252	—	4	6-TKO	1-1/2"	25	

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C
245, 246, 247	1-1/2"	—	—
257H, 257HS, 257M	2-1/8"	—	—
266	2-1/8"	4-5/8"	6-3/16"
254	2-1/8"	7-5/8"	5-1/16"
252, 257, 8257, 257F, 257SM, 258, 258SM, 259, 265, 8265	2-1/8"	—	—



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

4-11/16" SQUARE COVERS AND EXTENSIONS

1-1/2" DEEP AND 2-1/8" DEEP

Applications

- Extension rings provide a means for adding additional cubic capacity or as an outlet box for surface conduit
- Covers are used to close an outlet box
- Raised device covers are used for mounting switches or receptacles

Product Feature

- Angled mounting slots compensate up to 12° for box misalignment
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliances

-  – File E195978
-  – File LR-1082



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4-11/16" SQUARE EXTENSION – 1-1/2" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 29.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	STD. PKG.
		SIDE COND.	BOTTOM COND.		
250	—	8-1/2", 4-3/4"	—	25	

4-11/16" SQUARE EXTENSION – 2-1/8" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 43.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	STD. PKG.
		SIDE COND.	BOTTOM COND.		
262	—	8-1/2", 4-3/4"	—	25	

4-11/16" SQUARE COVERS

CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
832	Flat, blank	—	50	
833	Flat, 1/2"KO centered	—	50	
8833-5	Flat, 1/2" KO centered	—	50*	
911-11	Red, Flat, blank	—	50	—

*5 Bundles of 10

4-11/16" SQUARE FIXTURE COMBINATION DEVICE AND TILE COVERS – SINGLE DEVICE

CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
829	Raised 1/2", open, ears 2-3/4" O.C.	3.0	25		—	50
835	Raised 5/8", open, ears 2-3/4" O.C.	4.0	25	—	—	50
837	Raised 1/2"	3.5	25	—	—	—
8837	Raised 1/2"	3.5	25		—	—
843	Raised 5/8"	4.5	25		—	—
838	Raised 3/4"	5.5	25	—	—	—
839	Raised 1"	7.5	25	—	—	—
842	Raised 1-1/4"	9.5	25	—	—	—
898	Raised 1-1/2"	11.0	20	—	—	—
899	Raised 2"	16.0	20	—	—	—

A34**4-11/16" SQUARE COVERS****Applications**

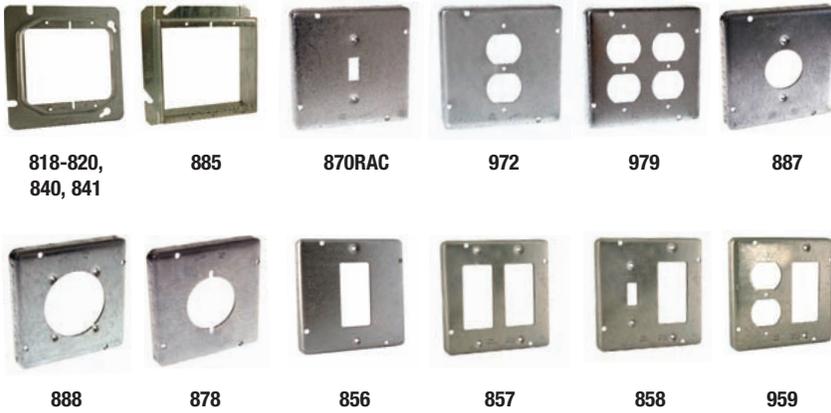
- Raised device covers are for mounting switches or receptacles
- Exposed work covers are used to support switches or receptacles independent of the box

Product Features

- RACO® exposed work covers meet the requirements of the 2008 NEC Article 250.146 (A). No bonding jumper is required for covers with (1) flat corners (2) two or more device attachment screws and (3) a lockwasher or equivalent
- RACO® exposed work covers include required hardware needed for mounting the device(s)
- Hardware and cover are packed in a poly-bag printed with catalog number, compliances and installation instructions

Compliances

-  – File E195978
-  – File LR-1082

**ORDERING INFORMATION - DIMENSIONS**

4-11/16" SQUARE COMBINATION DEVICE AND TILE COVERS – TWO DEVICE				
CATALOG NUMBER	DESCRIPTION	CU. IN.	STD. PKG.	UPC BAR CODE
841	Raised 1/2"	5.5	25	
818	Raised 5/8"	7.3	25	—
840	Raised 3/4"	8.8	25	—
819	Raised 1"	12.0	25	—
820	Raised 1-1/4"	15.0	25	—
885	Raised 1-1/2"	15.5	20	—

4-11/16" SQUARE SURFACE COVERS – RAISED 1/2"				
CATALOG NUMBER	DESCRIPTION	CU. IN.	STD. PKG.	UPC BAR CODE
856	1 Decorator dev. or GFCI	10.3	10	
857	2 Decorator dev. or GFCI	10.3	10	
858	1 Toggle & 1 GFCI	10.3	10	
870RAC	1 Toggle switch	10.3	10	
878	30-50A Receptacle 2.141" dia.	10.3	10	
887	20A Receptacle 1.594" dia.	10.3	10	
888	30-60A Receptacle 2.625" dia.	10.3	10	
959	1 Duplex & 1 GFCI	10.3	10	
972	1 Duplex receptacle	10.3	10	
979	2 Duplex receptacles	10.3	10	

HANDY BOXES

1-1/2" AND 1-7/8" DEEP

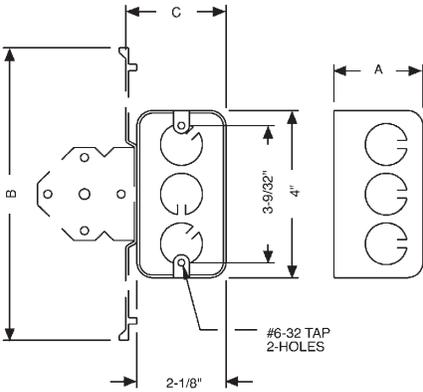
Applications

- Handy Boxes, also called utility boxes, are used for convenience outlets, switch boxes or small junction boxes
- They are popular for exposed work applications (surface mounted wiring)
- The NEC requires that surface-mounted wiring be enclosed with a protective covering such as EMT conduit

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket types and features

STEEL HANDY BOXES



Compliances

- – File E195978
- – File LR-1082 (611 only)



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4" x 2" HANDY BOXES – 1-1/2" DEEP (INSIDE) – WELDED WITH CONDUIT KO'S – 11.5 CUBIC INCHES								
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	PIG-TAIL	RSD. GRND. PRVSN.	UPC BAR CODE
		SIDES	ENDS	BOTTOM				
650	—	6-1/2"	2-1/2"	3-1/2"	50	—	—	—
8650	—	6-1/2"	2-1/2"	3-1/2"	50	—	—	
655	B brkt., 1/4"	3-1/2"	2-1/2"	3-1/2"	50	—	—	—

4" x 2" HANDY BOXES – 1-7/8" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 13.0 CUBIC INCHES								
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	PIG-TAIL	RSD. GRND. PRVSN.	UPC BAR CODE
		SIDES	ENDS	BOTTOM				
611	Ground screw incl.	6-1/2"	2-1/2"	2-1/2"	50	No	Yes	—
660	—	6-1/2"	2-1/2"	2-1/2"	50	No	Yes	—
8660	—	6-1/2"	2-1/2"	2-1/2"	50	No	Yes	
660SM	—	6-1/2"	2-1/2"	2-1/2"	50	Yes	Yes	
661	A brkt., 5/8"	3-1/2"	2-1/2"	2-1/2"	50	No	Yes	
662	TS brkt., 1/2"	3-1/2"	2-1/2"	2-1/2"	50	No	Yes	
663	—	4-3/4"	2-3/4"	1-3/4"	50	No	Yes	—
8663	—	4-3/4"	2-3/4"	1-3/4"	50	No	Yes	
663SM	—	4-3/4"	2-3/4"	1-3/4"	50	Yes	Yes	

3-3/4" x 1-9/16" INDUSTRIAL HANDY BOX & COVER – 1-1/2" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 7.3 CUBIC INCHES						
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM		
640	—	6-1/2"	2-1/2"	3-1/2"	50	—
880	Blank cover & captive screws	—	—	—	50	—

DIMENSIONS			
CATALOG NUMBER	A	B	C
661	1-7/8"	6-7/16"	2-11/32"
662	1-7/8"	7"	2-3/8"
655	1-1/2"	1-31/32"	4"



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

A36

HANDY BOXES

2-1/8" DEEP

RACO STEEL BOXES & COVERS

Applications

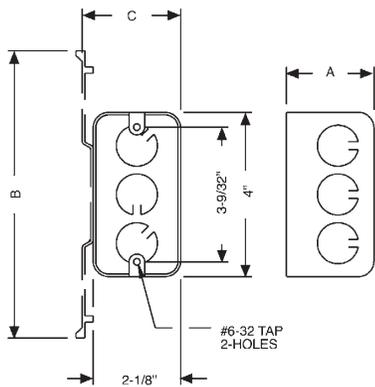
- Handy Boxes, also called utility boxes, are used for convenience outlets, switch boxes or small junction boxes
- They are popular for exposed work applications (surface mounted wiring)
- The NEC requires that surface mounted wiring be enclosed with a protective covering such as EMT conduit

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket types and features



STEEL HANDY BOXES



ORDERING INFORMATION - DIMENSIONS

4" x 2" HANDY BOXES – 2-1/8" DEEP (INSIDE) – WELDED WITH CONDUIT KO'S – 16.5 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	RAISED GROUNDING PROVISION	UPC BAR CODE
		SIDES	ENDS	BOTTOM			
670RAC	—	6-1/2"	2-1/2"	3-1/2"	50	—	—
8670	—	6-1/2"	2-1/2"	3-1/2"	50	—	
674	—	4-3/4"	2-3/4"	2-3/4"	50	—	
678	TS brkt., 1/2	3-1/2"	2-1/2"	3-1/2"	50	—	
671	A brkt., 5/8"	3-1/2"	2-1/2"	3-1/2"	50	—	

DIMENSIONS			
CATALOG NUMBER	A	B	C
670RAC, 8670	2-1/8"	—	—
674	2-1/8"	—	—
678	2-1/8"	7"	2-3/8"
671	2-1/8"	6-7/16"	2-11/32"

Compliances

- – File E195978

All RACO® Handy Box, U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



HANDY BOX COVERS AND EXTENSION

Applications

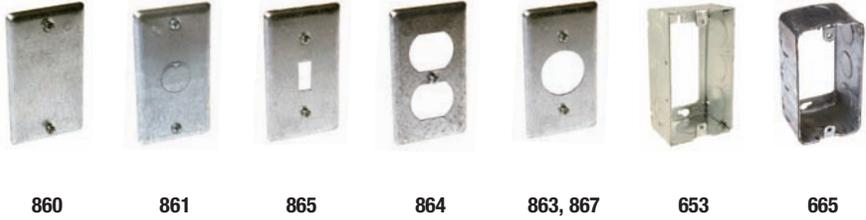
- Handy Box covers are used to close a Handy Box
- Covers also may be used as single-gang wall plates
- Extension rings provide a means for adding additional cubic capacity or as an outlet box for surface conduit

Product Features

- RACO® Handy Box covers are designed to match the contours of the box
- Cover corners are rounded
- All covers have captive screws

Compliances

-  – File E195978 (Cat. #861 not UL Listed)
-  – File LR-1082 (Covers only)



RACO STEEL BOXES
& COVERS

ORDERING INFORMATION - DIMENSIONS

4" x 2" HANDY BOX COVERS – 2-5/16" WIDE x 4-3/16" LENGTH			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
860	Blank	25	
861	1/2" KO centered	25	
865	Toggle switch	25	
864	Duplex receptacle	25	
863	Single receptacle 1.406" dia.	25	
867	20A Receptacle 1.594" dia.	25	

4" x 2" HANDY BOX EXTENSION – 1-1/2" DEEP (INSIDE) – WELDED WITH CONDUIT KO'S – 11.5 CUBIC INCHES						
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM		
653	—	6-1/2"	2-1/2"	—	25	

4" x 2" HANDY BOX EXTENSION – 1-7/8" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 13.0 CUBIC INCHES						
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM		
665	—	6-1/2"	2-1/2"	—	50	

A38**SWITCH BOXES****SINGLE GANG - 1" DEEP****RACO STEEL BOXES
& COVERS****Application**

- Shallow switch boxes are made for use with furring strips and 1/4" paneling

Product Features

- RACO® "D" bracket is pre-scored and can be broken off if needed
- Reference Box Selection section in the front of this catalog for complete description of bracket types and features
- 418 will accept 4" square mud ring or cover

Compliances

-  – File E195978 (Cat. #404 and #405 not UL Listed)



All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com



404



405



418

ORDERING INFORMATION - DIMENSIONS**3-3/4" x 2" SWITCH BOXES – 1" DEEP – NONGANGABLE – WITH NONMETALLIC SHEATHED CABLE CLAMPS – 6.5 CUBIC INCHES**

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS				STD. PKG.	UPC BAR CODE
		SIDES COND.	ENDS		BOTTOM COND.		
			CABLE	COND.			
404	Q clamp, 1/4"	—	2	1-1/2"	—	25	
405	Q clamp, 1/4"	—	4	—	—	25	

4" x 4" SWITCH BOX – 1" DEEP – NONGANGABLE – WITH NONMETALLIC SHEATHED CABLE CLAMPS – 14.8 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS				STD. PKG.	UPC BAR CODE
		SIDES COND.	ENDS		BOTTOM COND.		
			CABLE	COND.			
418	(2) Q clamp, 1/4"	—	4	2-1/2"	—	25	

SWITCH BOXES

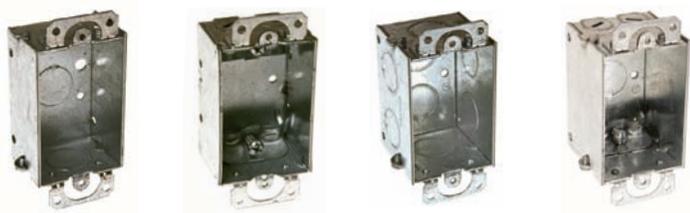
SINGLE GANG - 1-1/2" AND 2" DEEP

Application

- Switch boxes are used to house wiring devices such as switches or outlets

Product Features

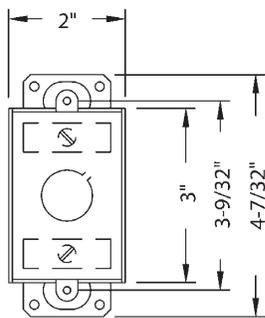
- Gangable switch boxes offer the option of constructing a box to hold two or more devices
- Plaster ears allow box to be used in "old work" applications



400 410 420, 8420 445

RACO STEEL BOXES & COVERS

STEEL SWITCH BOXES



Compliances

- – File E195978

All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

ORDERING INFORMATION - DIMENSIONS

3" x 2" SWITCH BOX – 1-1/2" DEEP – GANGABLE WITH CONDUIT KO'S – 7.5 CUBIC INCHES						
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM		
400	Ears	—	2-1/2"	1-1/2"	20	

3" x 2" SWITCH BOX – 1-1/2" DEEP – NONGANGABLE WITH NONMETALLIC SHEATHED CABLE CLAMPS – 7.5 CUBIC INCHES						
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES COND.	CABLE COND.	ENDS		
410	Ears	—	4	—	—	

3" x 2" SWITCH BOX – 2" DEEP – GANGABLE WITH CONDUIT KO'S – 10.0 CUBIC INCHES						
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM		
420	Ears	4-1/2"	2-1/2"	2-1/2"	50	—
8420	Ears	4-1/2"	2-1/2"	2-1/2"	50	

3" x 2" SWITCH BOX – 2" DEEP – GANGABLE WITH NONMETALLIC SHEATHED CABLE CLAMPS – 10.0 CUBIC INCHES						
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES COND.	CABLE COND.	ENDS		
445	Ears	—	4	—	1-1/2"	—

4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



A40

SWITCH BOXES

SINGLE GANG - 2", 2-1/8" AND 2-1/4" DEEP

RACO STEEL BOXES & COVERS

Application

- Switch boxes are used to house wiring devices such as switches or outlets

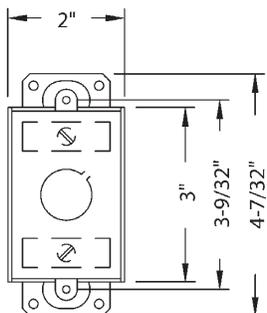
Product Features

- Gangable boxes offer the option of constructing a box to hold two or more devices
- Beveled corner boxes are designed to prevent the clamp screws from protruding into back wall
- Plaster ears allow box to be used in "old work" applications
- Reference box selection section in the front of this catalog for complete description of clamp types and features



440 513 471, 8471 473 487

STEEL SWITCH BOXES



Compliance

- – File E195978 (Cat. #513 not UL Listed)



All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

ORDERING INFORMATION - DIMENSIONS

3" x 2" SWITCH BOX – 2" DEEP – GANGABLE WITH ARMORED CABLE/METAL CLAD/FLEX CLAMPS – 10.0 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	
		SIDES COND.	CABLE COND.	ENDS COND.			BOTTOM COND.
440	Ears	—	4	—	1-1/2"	50	—

3" x 2" SWITCH BOX – 2-1/8" DEEP – NONGANGABLE – "SNAP IN CLIP" "OLD WORK" WITH CONDUIT KO'S – 11.0 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	
		SIDES	ENDS	BOTTOM			
513	Old Work With Snap In Clips And Ears	4-1/2"	2-1/2"	2-1/2"	24		

3" x 2" SWITCH BOXES – 2-1/4" DEEP – GANGABLE – BEVELED CORNERS WITH NONMETALLIC SHEATHED CABLE CLAMPS – 10.5 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	
		SIDES COND.	CABLE COND.	ENDS COND.			BOTTOM COND.
471	One screw, Ears	—	4	—	1-1/2"	50	—
8471	One screw, Ears	—	4	—	1-1/2"	50	
473	Level bumps	—	4	2-1/2"	1-1/2"	20	
487	Old work, Tigergr [®]	—	4	—	1-1/2"	20	



SWITCH BOXES

SINGLE GANG - 2-1/2" DEEP

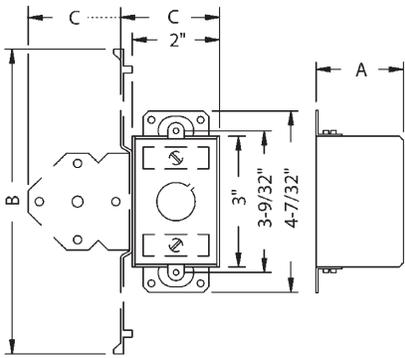
Application

- Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket types and features
- Gangable switch boxes offer the option of constructing a box to hold two or more devices
- Plaster ears allow the box to be used in "old work" applications

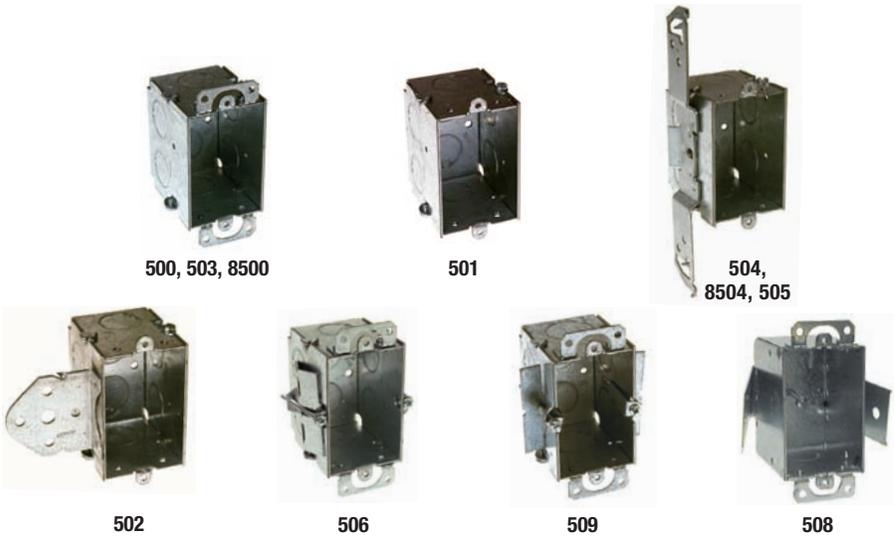
STEEL SWITCH BOXES



Compliance

- **UL** – File E195978

All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

3" x 2" SWITCH BOXES – 2-1/2" DEEP – GANGABLE WITH CONDUIT KO'S – 12.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM		
500	Ears	4-1/2"	2-1/2"	2-1/2"	50	—
8500	Ears	4-1/2"	2-1/2"	2-1/2"	25	
501	Without ears	4-1/2"	2-1/2"	2-1/2"	50	
502	B brkt., 5/8"	4-1/2"	2-1/2"	2-1/2"	10	—
503	Ears	4-1/2"	2-3/4"	2-1/2"	50	—
504	TS brkt., 1/2"	2-1/2"	2-1/2"	2-1/2"	50	—
8504	TS brkt., 1/2"	2-1/2"	2-1/2"	2-1/2"	20	
505	TS brkt., 1/2"	2-1/2"	2-3/4"	2-1/2"	50	—
506	Old work, Tigergrip®	—	2-1/2"	2-1/2"	20	
509	Old work	—	2-1/2"	2-1/2"	20	

3" x 2" SWITCH BOX – 2-1/2" DEEP – NONGANGABLE WITH CONDUIT KO'S – 12.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES COND.	ENDS CABLE COND.	BOTTOM COND.		
508	Old work, 3/4" sheet rock max.	—	—	2-1/2"	20	

DIMENSIONS

CATALOG NUMBER	A	B	C
500, 8500	2-1/2"	—	—
501	2-1/2"	—	—
502	2-1/2"	1-31/32"	4"
503	2-1/2"	—	—
504, 8504	2-1/2"	7"	2-13/64"
505	2-1/2"	7"	2-13/64"
506	2-1/2"	—	—
508	2-1/2"	—	—
509	2-1/2"	—	—

4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



A42

SWITCH BOXES

SINGLE GANG - 2-1/2" DEEP WITH NONMETALLIC CABLE CLAMPS

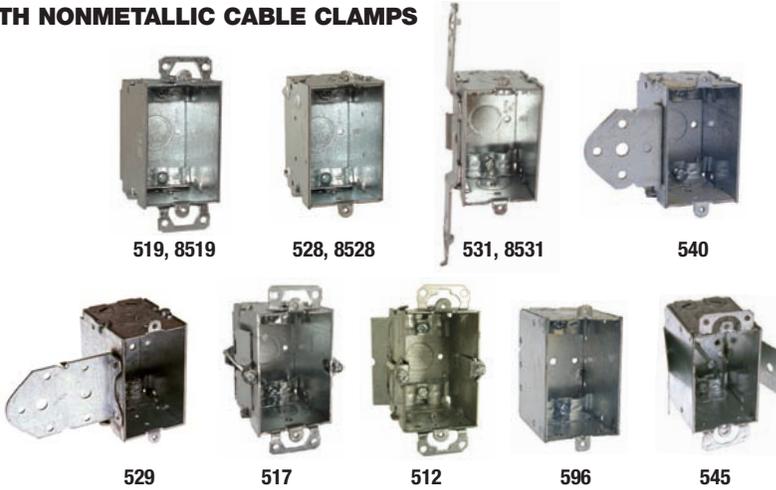
RACO STEEL BOXES & COVERS

Application

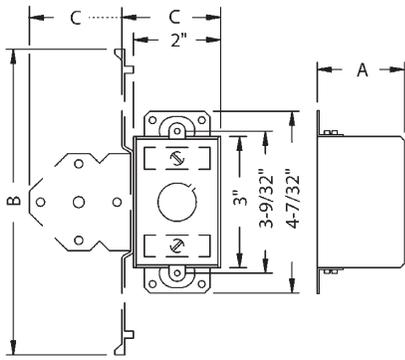
- Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- Gangable switch boxes offer the option of constructing a box to hold two or more devices
- Plaster ears allow box to be used in "old work" applications



STEEL SWITCH BOXES



Compliance

- – File E195978

All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

ORDERING INFORMATION - DIMENSIONS

3" x 2" SWITCH BOXES – 2-1/2" DEEP – GANGABLE WITH NONMETALLIC SHEATHED CABLE CLAMPS – 12.5 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	
		SIDE COND.	ENDS CABLE COND.	BOTTOM COND.			
512	Ears, Old work	—	4	—	1-1/2"	20	—
517	Ears, Old work, Tigergrip®	—	4	—	1-1/2"	20	
519	Ears	—	4	—	1-1/2"	50	—
8519	Ears	—	4	—	1-1/2"	50	
528	Level bumps	—	4	2-1/2"	1-1/2"	50	—
8528	Level bumps	—	4	2-1/2"	1-1/2"	25	
529	LB brkt., 5/8"	—	4	2-1/2"	1-1/2"	20	
531	TS brkt., 1/2"	—	4	2-1/2"	1-1/2"	50	—
8531	TS brkt., 1/2"	—	4	2-1/2"	1-1/2"	50	
540	B brkt., 1/4"	—	4	2-1/2"	1-1/2"	50	—

3" x 2" SWITCH BOXES – 2-1/2" DEEP – NONGANGABLE WITH NONMETALLIC SHEATHED CABLE CLAMPS – 12.5 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	
		SIDE COND.	ENDS CABLE COND.	BOTTOM COND.			
545	Ears, Old work, 3/4" sheet rock max.	—	4	2-1/2"	—	20	
596	Without ears	—	4	2-1/2"	—	50	—

DIMENSIONS			
CATALOG NUMBER	A	B	C
512	2-1/2"	—	—
517	2-1/2"	—	—
519, 8519	2-1/2"	—	—
528, 8528	2-1/2"	—	—
529	2-1/2"	1-31/32"	5-3/64"
531, 8531	2-1/2"	7"	2-13/64"
540	2-1/2"	1-31/32"	4"
545	2-1/2"	—	—
596	2-1/2"	—	—



SWITCH BOXES

SINGLE GANG - 2-1/2" DEEP WITH ARMORED CABLE CLAMPS

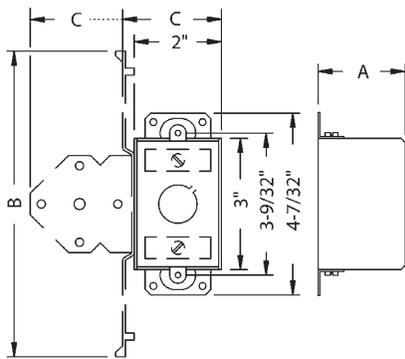
Application

- Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- Gangable switch boxes offer the option of constructing a box to hold two or more devices
- Plaster ears allow box to be used in "old work" applications

STEEL SWITCH BOXES



Compliance

- - File E195978

All RACO® single gang, two gang 4" square, and single gang gangable boxes U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com



ORDERING INFORMATION - DIMENSIONS

3" x 2" SWITCH BOXES – 2-1/2" DEEP – GANGABLE WITH ARMORED CABLE/METAL CLAD/ FLEX CLAMPS – 12.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	
		SIDES COND.	ENDS				BOTTOM COND.
	CABLE		COND.				
518	Ears	—	4	—	1-1/2"	50	—
8518	Ears	—	4	—	1-1/2"	50	
522	LB brkt., 5/8"	—	4	2-1/2"	1-1/2"	50	—
8522	LB brkt., 5/8"	—	4	2-1/2"	1-1/2"	50	
523	Ears, Old work, Griptite	—	4	—	1-1/2"	—	
8523	Ears, Old work, Griptite	—	4	—	1-1/2"	50	
524	TS brkt., 1/2"	—	4	2-1/2"	1-1/2"	50	—
8524	TS brkt., 1/2"	—	4	2-1/2"	1-1/2"	50	

3" x 2" SWITCH BOX – 2-1/2" DEEP – NONGANGABLE WITH ARMORED CABLE/METAL CLAD/ FLEX CLAMPS – 12.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	
		SIDES COND.	ENDS				BOTTOM COND.
	CABLE		COND.				
526	Ears, Old work, 3/4" sheet rock max.	—	4	—	—	20	

DIMENSIONS

CATALOG NUMBER	A	B	C
518, 8518	2-1/2"	—	—
522, 8522	2-1/2"	1-31/32"	5-3/64"
523, 8523	2-1/2"	—	—
524, 8524	2-1/2"	7"	2-13/64"
526	2-1/2"	1-3/8"	3-13/32"

RACO STEEL BOXES & COVERS



A44

SWITCH BOXES

SINGLE GANG - 2-3/4" AND 2-27/32" DEEP

RACO STEEL BOXES & COVERS

Application

- Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- RACO® 353, 355 and 8355 are extra-wide for ease of GFCI device installation
- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- Plaster ears allow the box to be used in "old work" applications



353



355, 8355



560, 8560, 565

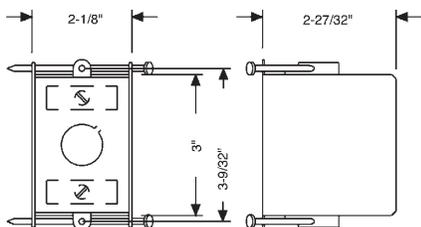


561

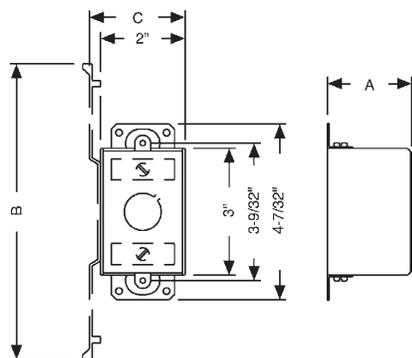


562

CAT. NO. 353, 355, 8355



STEEL SWITCH BOXES



Compliance

- UL – File E195978



All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

ORDERING INFORMATION - DIMENSIONS

3" x 2-1/8" SWITCH BOX – 2-27/32" DEEP – NONGANGABLE WITH ARMORED CABLE/ METAL CLAD/FLEX CLAMPS – 15.8 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS				STD. PKG.	UPC BAR CODE
		SIDES	ENDS		BOTTOM		
		COND.	CABLE COND.	COND.			
353	S brkt., Nails	—	4	—	1-1/2"	50	

3" x 2-1/8" SWITCH BOX – 2-27/32" DEEP – NONGANGABLE WITH NONMETALLIC SHEATHED CABLE CLAMPS – 15.8 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS				STD. PKG.	UPC BAR CODE
		SIDES	ENDS		BOTTOM		
		COND.	CABLE COND.	COND.			
355	S brkt., Nails	—	4	—	1-1/2"	50	—
8355	S brkt., Nails	—	4	—	1-1/2"	20	

3" x 2" SWITCH BOXES – 2-3/4" DEEP – GANGABLE WITH CONDUIT KO'S – 14.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM		
		560	Ears	4-1/2"		
8560	Ears	4-1/2"	2-1/2"	2-1/2"	50	
565	Ears	4-3/4"	2-3/4"	2-1/2"	50	—
561	Without ears	4-1/2"	2-1/2"	2-1/2"	50	—
562	TS brkt., 1/2"	2-1/2"	2-1/2"	2-1/2"	50	—

DIMENSIONS

CATALOG NUMBER	A	B	C
560, 8560	2-3/4"	—	—
561	2-3/4"	—	—
562	2-3/4"	7"	2-13/64"
565	2-3/4"	—	—



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



SWITCH BOXES

SINGLE GANG - 2-3/4" DEEP

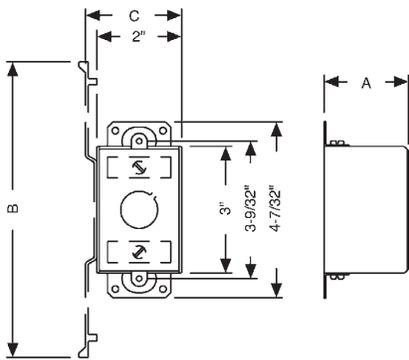
Application

- Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- Plaster ears allow the box to be used in "old work" applications

STEEL SWITCH BOXES



Compliances

- – File E195978

All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

3" x 2" SWITCH BOXES – 2-3/4" DEEP – GANGABLE WITH NONMETALLIC SHEATHED CABLE CLAMPS – 14.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS				STD. PKG.	UPC BAR CODE
		SIDES COND.	ENDS		BOTTOM COND.		
			CABLE	COND.			
567	Ears	4-1/2"	4	2-1/2"	1-1/2"	50	
564	TS brkt., 1/2"	2-1/2"	4	2-1/2"	1-1/2"	50	

3" x 2" SWITCH BOXES – 2-3/4" DEEP – GANGABLE WITH ARMORED CABLE/METAL CLAD/FLEX CLAMPS – 14.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS				STD. PKG.	UPC BAR CODE
		SIDES COND.	ENDS		BOTTOM COND.		
			CABLE	COND.			
570RAC	Ears	4-1/2"	4	2-1/2"	1-1/2"	50	—
574	TS brkt., 1/2"	2-1/2"	4	2-1/2"	1-1/2"	25	

DIMENSIONS

CATALOG NUMBER	A	B	C
567	2-3/4"	—	—
564	2-3/4"	7"	2-13/64"
570RAC	2-3/4"	—	—
574	2-3/4"	7"	2-13/64"



A46

SWITCH BOXES

SINGLE GANG - 3-1/2" DEEP

RACO STEEL BOXES & COVERS

Application

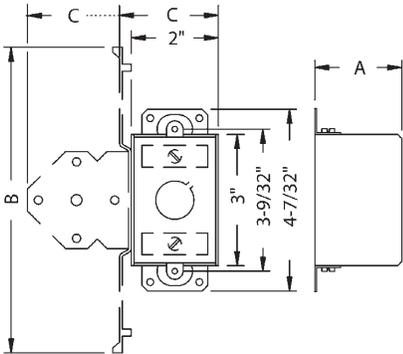
- Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- Gangable switch boxes offer the option of constructing a box to hold two or more devices
- Plaster ears allow the box to be used in "old work" applications



STEEL SWITCH BOXES



Compliance

- – File E195978



All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

ORDERING INFORMATION - DIMENSIONS

3" x 2" SWITCH BOXES – 3-1/2" DEEP – GANGABLE WITH NONMETALLIC SHEATHED CABLE CLAMPS – 18.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	
		SIDES COND.	ENDS CABLE COND.	BOTTOM COND.			
601	Ears	4-1/2"	4	2-1/2"	1-1/2"	25	—
8601	Ears	4-1/2"	4	2-1/2"	1-1/2"	25	
603	B brkt., 5/8"	4-1/2"	4	2-1/2"	1-1/2"	25	—
605	TS brkt., 1/2"	4-1/2"	4	2-1/2"	1-1/2"	25	

3" x 2" SWITCH BOXES – 3-1/2" DEEP – GANGABLE WITH ARMORED CABLE/METAL CLAD/FLEX CLAMPS – 18.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	
		SIDES COND.	ENDS CABLE COND.	BOTTOM COND.			
600	Ears	4-1/2"	4	2-1/2"	1-1/2"	25	—
604	TS brkt., 1/2"	4-1/2"	4	2-1/2"	1-1/2"	25	

3" x 2" SWITCH BOXES – 3-1/2" DEEP – GANGABLE WITH CONDUIT KO'S – 18.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM		
590	Ears	4-1/2"	4-1/2"	1-1/2"	50	—
8590	Ears	4-1/2"	4-1/2"	1-1/2"	25	
591	Ears	4-3/4"	4-3/4"	1-1/2"	50	
592	Without ears	4-1/2"	4-1/2"	1-1/2"	50	—

DIMENSIONS

CATALOG NUMBER	A	B	C
590, 8590	3-1/2"	—	—
591	3-1/2"	—	—
592	3-1/2"	—	—
600	3-1/2"	—	—
601, 8601	3-1/2"	—	—
603	3-1/2"	1-31/32"	4"
604	3-1/2"	7"	2-13/64"
605	3-1/2"	7"	2-13/64"



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

SWITCH BOXES AND WALL PLATES

TWO GANG, 2-1/8" DEEP

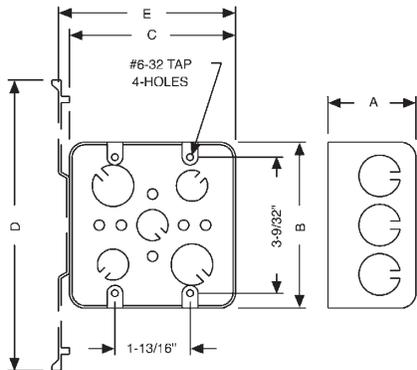
Applications

- Installers can save time and cut installation costs with two gang switch boxes
- Larger capacity boxes are ideal for today's designs where there is a need to install two devices at one location
- Drawn boxes are ideal for exposed work applications (surface mounted wiring)

Product Features

- 681, 685 bracketed boxes are set back 1/2" eliminating the need for a plaster ring
- Reference Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- Covers are unpainted and manufactured from pre-galvanized steel

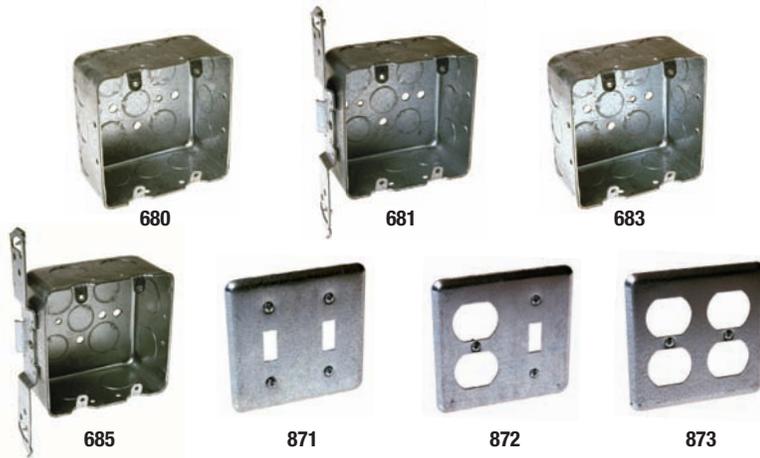
TWO GANG SWITCH BOXES



Compliance

- - File E195978

All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

4" SQUARE TWO DEVICE SWITCH BOX – 2-1/8" DEEP – DRAWN WITH CONDUIT KO'S – 30.3 CUBIC INCHES					
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE
		SIDES	BOTTOM		
680	—	12-1/2"	5-1/2"	25	
681	TS brkt., 1/2"	9-1/2"	5-1/2"	25	
683	—	8-1/2", 4-3/4"	3-1/2", 2-3/4"	25	
685	TS brkt., 1/2"	6-3/4"	3-1/2", 2-3/4"	25	

4" SQUARE – TWO-DEVICE WALL PLATES*			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
871	2 Toggle switches	25	
872	1 Dup. & 1 Toggle switch	25	
873	2 Duplex receptacles	25	

*Cover face surface is 1/4" from wall when installed

DIMENSIONS					
CATALOG NUMBER	A	B	C	D	E
680	2-1/8"	4"	4"	—	—
681	2-1/8"	4"	4"	7"	4-9/32"
683	2-1/8"	4"	4"	—	—
685	2-1/8"	4"	4"	7"	4-9/32"

4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



A48

SWITCH BOXES AND PARTITIONS

MULTI-GANG - 2-1/2" DEEP

RACO STEEL BOXES & COVERS

Applications

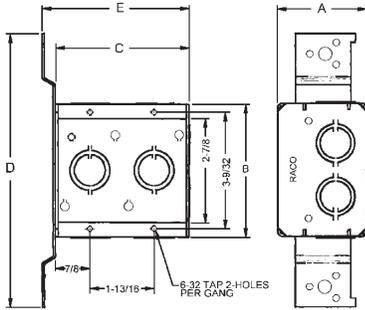
- Installers can save time and cut installation costs with multi-gang switch boxes
- These larger capacity boxes are ideal for today's designs where there is a need to install more than two devices at one location

Product Features

- Reference Box Selection section in the front of this catalog for complete description of bracket types and features



MULTI-GANG SWITCH BOXES



Compliance

- – File E195978 (Cat. #971 not UL Listed)

ORDERING INFORMATION - DIMENSIONS

MULTI-DEVICE SWITCH BOXES – 2-1/2" DEEP – WELDED WITH CONDUIT KO'S							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			CU. IN. CAP.	STD. PKG.	UPC BAR CODE
		ENDS	SIDES	BOTTOM			
686	3-Gang 1/2" setback	2-1/2", 2-3/4"	6-1/2", 6-3/4"	3-1/2", 3-3/4"	47.8	10	
687	4-Gang 1/2" setback	2-1/2", 2-3/4"	8-1/2", 8-3/4"	4-1/2", 4-3/4"	63.5	10	
971	Low voltage partition	—	—	—	—	25	—

DIMENSIONS					
CATALOG NUMBER	A	B	C	D	E
686	2-1/2"	3-3/4"	5-9/16"	7-5/8"	5-31/32"
687	2-1/2"	3-3/4"	7-3/8"	7-5/8"	7-25/32"

4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



GANG BOXES

1-5/8" AND 2-1/2" DEEP

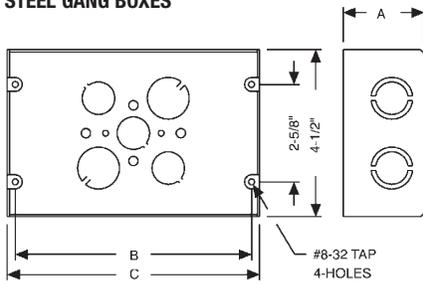
Application

- Gang boxes are used where a number of wiring devices are to be centrally located

Product Features

- Gang boxes save time in installation, no need to gang boxes together
- Have 1/2" and 3/4" concentric KO's for use with a wide variety of wiring methods
- Bottom KO pattern, 3-1/2" and 2-3/4" at either end of box
- Accept two styles of covers, flat and 3/4" raised device cover
- Device covers also fit next smaller box, i.e. three-gang cover fits two or three-gang box
- Use low voltage partitions #974 or #949

STEEL GANG BOXES



Compliance

- UL – File E195978



941 through 945



951 through 958

RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

GANG BOXES – 1-5/8" & 2-1/2" DEEP – WELDED WITH CONDUIT KO'S							
CATALOG NUMBER	NO. OF GANGS	KNOCKOUTS			CU. IN.	STD. PKG.	UPC BAR CODE
		TOP &* BOTTOM	SIDES*	BACK			
941	2	4-3/4", 4-conc.	4-conc.	3-1/2", 2-3/4"	70.0	5	
942	3	8-3/4", 2-conc.	4-conc.	6-1/2", 4-3/4"	90.0	5	
943	4	4-3/4", 4-conc.	4-conc.	6-1/2", 4-3/4"	110.0	5	
944	5	6-3/4", 4-conc.	4-conc.	6-1/2", 4-3/4"	130.0	5	
945	6	6-3/4", 6-conc.	4-conc.	6-1/2", 4-3/4"	150.0	1	
951	2	8-conc.	4-conc.	3-1/2", 2-3/4"	47.0	5	—
952	3	10-conc.	4-conc.	6-1/2", 4-3/4"	60.0	5	
953	4	12-conc.	4-conc.	6-1/2", 4-3/4"	72.8	5	
954	5	14-conc.	4-conc.	6-1/2", 4-3/4"	85.8	5	—
955	6	16-conc.	4-conc.	6-1/2", 4-3/4"	98.5	1	—
956	7	18-conc.	4-conc.	6-1/2", 4-3/4"	111.5	1	—
957	8	20-conc.	4-conc.	6-1/2", 4-3/4"	124.5	1	—
958	9	22-conc.	4-conc.	6-1/2", 4-3/4"	137.3	1	—

*1-5/8" deep boxes, concentric KO's are 1/2" & 3/4" *2-1/2" deep boxes, concentric KO's are 3/4" & 1"

DIMENSIONS				
CATALOG NUMBER	NO. OF GANGS	A	B	C
941	2	2-1/2"	6-3/8"	6-13/16"
942	3	2-1/2"	8-3/16"	8-5/8"
943	4	2-1/2"	10"	10-7/16"
944	5	2-1/2"	11-13/16"	12-1/4"
945	6	2-1/2"	13-5/8"	14-1/16"
951	2	1-5/8"	6-3/8"	6-13/16"
952	3	1-5/8"	8-3/16"	8-5/8"
953	4	1-5/8"	10"	10-7/16"
954	5	1-5/8"	11-13/16"	12-1/4"
955	6	1-5/8"	13-5/8"	14-1/16"
956	7	1-5/8"	15-7/16"	15-7/8"
957	8	1-5/8"	17-1/4"	17-11/16"
958	9	1-5/8"	19-1/16"	19-1/2"

4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



A50**COVERS AND PARTITIONS****Application**

- Gang box covers permit the mounting of devices

Product Feature

- Device covers also fit next smaller box, i.e. three gang cover fits two or three gang box

Compliance

-  – File E195978 (Cat. #974 and 949 not UL Listed)



846



823



974



949

ORDERING INFORMATION - DIMENSIONS

FLAT, BLANK COVERS FOR GANG BOXES					
CATALOG NUMBER	NO. OF GANGS	WIDTH	CU. IN.	STD. PKG.	UPC BAR CODE
844	2	7-1/16"	—	5	—
845	3	8-7/8"	—	5	—
846	4	10-11/16"	—	5	—
847	5	12-1/2"	—	1	—
848	6	14-5/16"	—	1	—
849	7	16-1/8"	—	1	—
850	8	17-15/16"	—	1	—
851	9	19-3/4"	—	1	—

DEVICE COVERS FOR GANG BOXES RAISED 3/4"					
CATALOG NUMBER	NO. OF GANGS	WIDTH	CU. IN.	STD. PKG.	UPC BAR CODE
821	2	7-1/16"	10.0	5	—
822	3	8-7/8"	15.3	5	
823	4	10-11/16"	20.3	5	
824	5	12-1/2"	25.5	5	—
825	6	14-5/16"	30.5	1	—
826	7	16-1/8"	35.5	1	—
827	8	17-15/16"	40.8	1	—
828	9	19-3/4"	45.8	1	—

LOW VOLTAGE PARTITION FOR GANG BOXES			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
974	For 1-5/8" Deep	25	—
949	For 2-1/2" Deep	25	—

STEEL CONCRETE RINGS

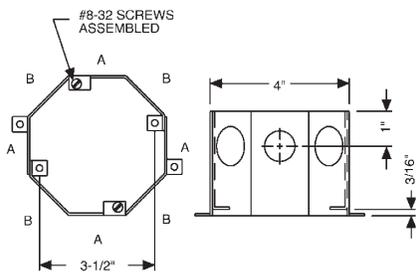
Applications

- Concrete rings are used with poured deck (floor) in high-rise construction
- These boxes are installed on wooden or steel concrete forms. After the forms are removed, the box is flush with the concrete
- RACO® Ceiling Fan Concrete Ring 284 is listed for support of ceiling fans

Product Features

- Flat sides provide excellent contact for locknuts
- External ears are used to nail the ring to the wood form
- The top cover is removable for before-pour work
- Ears on inside of box are for fixtures
- Waxed fixture ears prevent concrete from interfering with the threads
- Variety of cover plates are available
- Cover plate must be ordered separately with all (except 280 which includes a 891 cover) RACO® concrete rings

STEEL CONCRETE RINGS



Compliance

- – File E195978



270RAC, 271, 272, 273, 274, 275, 276, 277, 278, 279



284 GORILLA-RING™



*280 shown with 918 BARS



890



891



892



893

RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

CONCRETE RINGS									
CATALOG NUMBER	DEPTH	KO SIZES	NO. ROWS KO'S	CU. IN.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOAD		
							CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.	
270RAC	2"	1/2" & 3/4"	Single	24.5	25	—	No	50	
271	2-1/2"	1/2" & 3/4"	Single	30.8	25	—	No	50	
272	3"	1/2" & 3/4"	Single	37.0	25	—	No	50	
277	3"	3/4" & 1"	Single	37.0	25	—	No	50	
273	3-1/2"	1/2" & 3/4"	Double	43.0	20	—	No	50	
278	3-1/2"	3/4" & 1"	Single	43.0	20	—	No	50	
274	4"	1/2" & 3/4"	Double	49.3	20	—	No	50	
279	4"	3/4" & 1"	Double	49.3	20	—	No	50	
275	5"	1/2" & 3/4"	Double	61.5	10	—	No	50	
276	6"	1/2" & 3/4"	Double	74.0	10	—	No	50	
284*	4"	1/2" & 3/4"	Double	49.3	6	—	35	75	

*Ceiling Fan Support Box

HUNG CEILING BOX – 3-1/2" DEEP				
CATALOG NUMBER	DESCRIPTION	CU. IN.	STD. PKG.	UPC BAR CODE
280	3/8" x 1/2" Long stud, 8-1/2", 8-3/4" KO's*	43.0	20	—
918	30" Long bars for hung ceiling box	—	40	—

*Order bars separately

CONCRETE RING – BACK PLATES/COVERS AND ADAPTER RING					
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS	O.D. DIAM.	STD. PKG.	UPC BAR CODE
890	—	3-1/2", 2-3/4"	4-1/2"	25	—
891	3/8" Stud	2-1/2", 2-3/4"	4-1/2"	25	—
892	Flat, blank	—	4-1/2"	25	—
893	Joins Oct. Ext. ring to concrete ring Includes two retained screws	—	4-1/2"	50	—

KNOCKOUT LOCATIONS		
KNOCKOUT SIZE	A	B
1/2" and 3/4" KOs	1/2"	3/4"
3/4" and 1" KOs	3/4"	1"



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MASONRY BOXES AND PARTITIONS

2-1/2" AND 3-1/2" DEEP

RACO STEEL BOXES & COVERS

Applications

- Masonry boxes are designed to accommodate the mounting of switches or other devices in masonry walls
- Gangable masonry boxes offer the option of constructing a box to hold two or more devices
- 2-1/2" deep boxes are used in 4" block walls, 3-1/2" deep boxes are used in 6" or 8" block walls

Non-Gangable Product Features

- Rugged welded construction does not fall apart during construction
- Available from one to six gang configurations in both 2-1/2" and 3-1/2" depths
- Rectangular shape fits square cuts in block
- Large volume design allows for additional work room inside the box
- Standard 1/2" and 3/4" concentric knockouts
- Device ears are formed inside the box, preventing mortar from getting in the device holes
- Steel low voltage partition: 971 fits all 2-1/2" or 3-1/2" depths (non-gangable versions only)
- Standard wall plates cover the box

Gangable Product Features

- Rugged design does not fall apart during construction
- Gangable design allows installer to build unlimited number of gangs to hold multiple devices
- Rectangular shape fits square cuts in block
- Standard 1/2" - 3/4" TKO® knockouts
- Device ears are formed inside the box, preventing mortar from getting in the device holes
- Steel low voltage partitions: 675 fits 2-1/2" deep box, 676 fits 3-1/2" deep box
- Forward mounted grounding provision allows for easy installation of grounding pigtail
- Standard wall plates cover the box

Compliance

-  – File E195978 (Cat. #971 not UL Listed)



ORDERING INFORMATION - DIMENSIONS

MASONRY BOXES – 2-1/2" DEEP – NONGANGABLE WITH CONDUIT KO'S								
CATALOG NUMBER	NO. OF GANGS	WIDTH (B)	KNOCKOUTS			CU. IN.	STD. PKG.	UPC BAR CODE
			ENDS	BOTTOM	SIDES			
690	1	1-31/32"	2 conc.	2 conc.	4 conc.	16.0	25	—
691	2	3-25/32"	4 conc.	4 conc.	4 conc.	31.8	25	—
692	3	5-19/32"	6 conc.	3 conc.	4 conc.	47.8	10	—
693	4	7-13/32"	8 conc.	4 conc.	4 conc.	63.5	10	—
694	5	9-7/32"	10 conc.	5 conc.	4 conc.	79.5	10	—
960	6	11-1/32"	12 conc.	6 conc.	4 conc.	95.3	1	—

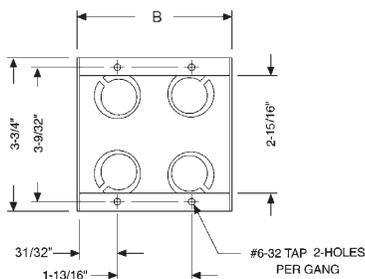
MASONRY BOXES – 3-1/2" DEEP – NONGANGABLE WITH CONDUIT KO'S								
CATALOG NUMBER	NO. OF GANGS	WIDTH (B)	KNOCKOUTS			CU. IN.	STD. PKG.	UPC BAR CODE
			ENDS	BOTTOM	SIDES			
695	1	1-31/32"	4 conc.	2 conc.	4 conc.	22.5	25	—
8695	1	1-31/32"	4 conc.	2 conc.	4 conc.	22.5	25	
696	2	3-25/32"	8 conc.	4 conc.	4 conc.	45.0	25	
697	3	5-19/32"	12 conc.	3 conc.	4 conc.	67.3	10	
698	4	7-13/32"	16 conc.	4 conc.	4 conc.	89.8	10	—
699	5	9-7/32"	20 conc.	5 conc.	4 conc.	112.3	10	—
965	6	11-1/32"	24 conc.	6 conc.	4 conc.	134.8	1	—

MASONRY BOXES – GANGABLE WITH CONDUIT KO'S									
CATALOG NUMBER	NO. OF GANGS	DEPTH	WIDTH (B)	KNOCKOUTS			CU. IN.	STD. PKG.	UPC BAR CODE
				ENDS	BOTTOM	SIDES			
688	1	2-1/2"	1-15/16"	2 TKO®	2 TKO®	4 TKO®	15.5	20	
689	1	3-1/2"	1-15/16"	4 TKO®	2 TKO®	4 TKO®	22.5	20	

LOW VOLTAGE PARTITION FOR MASONRY BOXES			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
FOR NON-GANGABLE MASONRY BOXES			
971	For 2-1/2" or 3-1/2" deep boxes	25	
FOR GANGABLE MASONRY BOXES			
675	For 2-1/2" deep boxes	20	
676	For 3-1/2" deep boxes	20	

 4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

STEEL MASONRY BOXES 691, 696



UNIVERSAL PROTECTOR PLATES

FOR USE WITH MUDRINGS - POWER

Applications

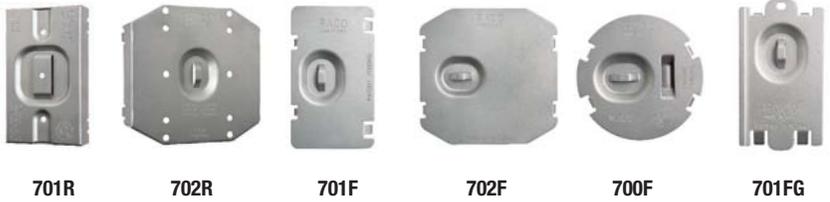
- Eliminates drywall compound, debris, paint, and drywall router bit from entering box or damaging conductors or devices
- Available in raised or flat versions — **Raised** covers all Decora™, duplex and switch wiring devices
Flat close off mudring opening and protect wires from drywall's router bit tools

Product Features

- Covers entire opening of mudring
- No hardware required for use - simply snaps on and off standard mudring
- Durable steel construction allows cover to be used multiple times
- Holes in cover allow for use of screws to prevent theft and add additional security (screws not included)
- Recessed tab allows cover to be easily removed using pliers, side cutters or flat screw driver

Reference Data

- Patent 7,102,079



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

RAISED 3/4" FOR DEVICE AND WIRE PROTECTION

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
701R	To protect 1 device / for 1 device mudring*	24	—
702R	To protect 2 devices / for 2 device mudring*	24	—

*For protection of switch, GFCI, or duplex receptacles

FLAT FOR WIRE PROTECTION

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
701F	To protect 1 device opening / for 1 device mudring	100	—
702F	To protect 2 device opening / for 2 device mudring	50	—
700F	To protect round opening for fixture mudring with 2-3/4" O.C. device ears	50	—

FLAT FOR WIRE PROTECTION (GANGABLE)

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
701FG	Gangable for RACO 686, 687, and RACO non-gangable masonry boxes	100	—

CATALOG NUMBER	SINGLE DEVICE MUDRING	TWO DEVICE MUDRING	ROUND MUDRING	RACO® 686 & 687 & NONGANGABLE MASONRY BOXES	CADDY® MP1S™	CADDY® MP2S™
701R	X	—	—	—	—	—
702R	—	X	—	—	—	—
701F	X	—	—	—	S	—
702F	—	X	—	—	—	S
700F	—	—	X	—	—	—
701FG	—	—	—	X	—	—

S = Secondary Use



A54

UNIVERSAL PROTECTOR PLATES

FOR LOW VOLTAGE MOUNTING RINGS/BRACKETS - DATA

RACO STEEL BOXES & COVERS

Applications

- Eliminates drywall compound, debris, paint, and drywall router bit from entering box or damaging conductors or devices
- Available in raised or flat versions —
Raised covers all Decora™, duplex and switch wiring devices
Flat close off mudring opening and protect wires from drywall's router bit tools

Product Features

- Covers entire opening of low voltage plate
- Features patented wire retrieval loop that allows data cable to be attached to cover — NO MORE LOST CABLES IN THE WALL!
- No hardware required for use - simply snaps on and off standard mudring
- Durable steel construction allows cover to be used multiple times
- Finger pull bail allows cover to be easily removed from ring
- Allows for multi access to work area for multi stage jobs
- Holes in cover allow for use of screws to prevent theft and add additional security (screws not included)

Reference Data

- Patent 7,102,079



ORDERING INFORMATION - DIMENSIONS

RAISED 3/4" FOR CONTROL DEVICE AND WIRE PROTECTION			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
701RD	To protect 1 device, for Caddy® Ring / low voltage mounting bracket MP1S™*	24	—
702RD	To protect 2 device, for Caddy® Ring / low voltage mounting bracket MP2S™*	24	—

*For protection of control devices, cable jacks, most Decora® style inserts and similar devices

FLAT FOR LOW VOLTAGE WIRE PROTECTION			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
701FD	To protect 1 device opening, for Caddy® Ring / low voltage mounting bracket MP1S™*	50	—
702FD	To protect 2 device opening, for Caddy® Ring / low voltage mounting bracket MP2S™*	25	—

*Can also be used on most steel single gang mudrings

CATALOG NUMBER	SINGLE DEVICE MUDRING	TWO DEVICE MUDRING	ROUND MUDRING	RACO® 686 & 687 & NONGANGABLE MASONRY BOXES	CADDY® MP1S™	CADDY® MP2S™
701FD	X	—	—	—	S	—
702FD	—	X	—	—	—	S
701RD	X	—	—	—	S	—
702RD	—	X	—	—	—	S

S = Secondary Use



BOX SUPPORT PRODUCTS

BRACES AND EXTENDERS

Applications (9003 - 9006, 9012 - 9015)

- For metal or wood stud box positioning

Features

- Available for 1-1/2" or 2-1/8" deep boxes
- Locator dimples on face of bar allows for exact positioning of single or multiple boxes
- Dimple feature provides quick start of screws, and reinforcement to prevent box mounting screws from stripping out when box is mounted
- Design of adjustable brace allows ground screw to clear when box is mounted
- Boxes attach easily with self-tapping screws

Compliances

-  

Applications (9016)

- Extension for leg to accommodate 6" deep studs

Features

- To be used with the following RACO® SKU's: 9001, 9002, 9009, 9010, 9011
- Simple snap-on design

Compliances

-  



9003 - 9006



9012 - 9015

ORDERING INFORMATION - DIMENSIONS

NON-ADJUSTABLE BOX MOUNTING BRACE FOR 4" AND 4-11/16" SQUARE BOX			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
9003	For 16" stud spacing, 1-1/2" deep box	50	—
9004	For 16" stud spacing, 2-1/8" deep box	50	—
9005	For 24" stud spacing, 1-1/2" deep box	50	—
9006	For 24" stud spacing, 2-1/8" deep box	50	—

ADJUSTABLE BOX MOUNTING BRACE FOR 4" AND 4-11/16" SQUARE BOX			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
9012	Adjusts from 10-3/8" to 18", 1-1/2" deep box	50	—
9013	Adjusts from 10-3/8" to 18", 2-1/8" deep box	50	—
9014	Adjusts from 15" to 26", 1-1/2" deep box	50	—
9015	Adjusts from 15" to 26", 2-1/8" deep box	50	—



9016

ORDERING INFORMATION - DIMENSIONS

LEG EXTENDER			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
9016	To be used for 6" stud size	100	—

RACO STEEL BOXES & COVERS

A56

BOX SUPPORT PRODUCTS

BRACKETS

RACO STEEL BOXES & COVERS

Applications (9007, 9018)

- Supports electrical boxes when mounted to a stud

Features

- Dual-point mounting ensures a secure, stable installation
- When properly mounted, the leg cannot be bent by other trades during the construction process
- Mounts 4" or 4-11/16" sq. box to 2-1/2", 3-1/2", 4" and 6" studs
- Box can be mounted on bracket without raised cover to save time by providing maximum work area in box
- When mounted, drywall ring is brought to within 1/16" of drywall every time and will not bulge or break out drywall

Compliance

- UL US SR

Applications (9001, 9002)

- Positions electrical boxes, plaster rings, and low voltage devices between studs

Features

- Fold-back stabilizer leg prevents bracket from being pushed back in wall cavity during drywall installation
- Designed for 2-1/2" or 3-1/2" studs. Add RACO® 9016 to leg to accommodate 6" depth studs
- Mounts 4" or 4-11/16" sq. boxes
- Box can be mounted on ring without raised cover to save time by providing maximum work area inside box
- When mounted, raised cover is brought to within 1/16" of drywall every time and will not bulge or break out drywall

Compliances

- UL US SR



9007



9018

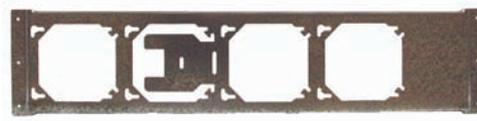
ORDERING INFORMATION - DIMENSIONS

TWO-POINT BOX MOUNTING BRACKETS

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
9007	Right side stud mount	100	—
9018	Left or right side stud mount	100	—



9001



9002

ORDERING INFORMATION - DIMENSIONS

FIXED POSITION BOX MOUNTING BRACKETS

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
9001	3 - box, for 16" on center studs	50	—
9002	4 - box, for 24" on center studs	50	—



BOX SUPPORT PRODUCTS

BRACKETS AND BOX SUPPORTS

Applications (9011)

- Supports 3" x 2" switch boxes when mounted to stud

Features

- Accommodates all 3" x 2" switch boxes with one or two screw plaster ears
- Bracket can be ganged on same side of stud allowing for increased flexibility
- Bracket can be mounted on both sides of stud for double mounting
- Will not bulge or break out drywall when mounted

Compliances

-  

Applications (9008, 9017)

- Mounts standard low voltage wall plates, old work (existing walls) or new work (wood or metal studs)

Features

- For use on low voltage Class 2 circuits only where electrical boxes are not required
- Can be used to mount telephone jacks, computer outlets, security/sound systems, television antennas, etc.
- Fast, precise mounting of low voltage wall plates to walls or studs

Compliances

-  

Applications (9009, 9010)

- Supports electrical boxes from floor or concrete forms

Features

- Fold-back stabilizer prevents bracket from being pushed back in wall cavity during drywall installation
- Designed for mounting sq. boxes 12" or 18" above floor. Mounts to metal or wood plate
- Mounts 4" or 4-11/16" sq. boxes
- Box can be mounted on support without drywall ring to save time by providing maximum working area in box
- When mounted, raised cover is brought to within 1/16" of drywall every time. Will not bulge or break out drywall

Compliances

-  



9011



9008 - 9017

ORDERING INFORMATION - DIMENSIONS

BOX MOUNTING BRACKET FOR 3" X 2" SWITCH BOXES

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
9011	For 2-1/2" or 3-1/2" metal studs	100	—

LOW VOLTAGE MOUNTING BRACKET

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
9008	New or old work, single-gang	100	—
9017	New or old work, single-gang	20 bags*	

*2 brackets per poly-bag



9009



9010

ORDERING INFORMATION - DIMENSIONS

FLOOR MOUNTED BOX SUPPORT

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
9009	12" tall bracket	25	—
9010	18" tall bracket	25	—

RACO STEEL BOXES & COVERS

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ACCESSORIES FOR STEEL BOXES

RACO STEEL BOXES
& COVERS**Application (920, 922)**

- Adjustable bar hanger allows box to be placed between ceiling joists or wall studs quickly and easily

Product Features

- Both RACO® 920 and 922 bar fixture hangers allow box to be located anywhere along length of bar
- RACO® 920 includes 3/8" trade size stud to accommodate fixture stem
- 922 Clip installs in 1/2" knockout located in bottom (back) of box
- RACO® box must be ordered separately

Box Installation

- Bar hangers attach to octagon or square boxes through center 1/2" knockouts
- Remove the knockout
- Remove the screw and fixture stud (or clip) from bar hanger
- Place the stud inside the box and replace the screw
- When box is located accurately between the joists, tighten the screw securely

Compliance

- UL – File E195973

BOX-LOC® Application (980)

- Allows any box to be attached to either side of a metal stud quickly and easily

BOX-LOC® Product Features

- Patented spring steel design
- Installs in seconds without tools
- Mounts on either side of stud
- Repositions easily
- Bracket may be added to any RACO® 4" or 4-11/16" square steel box - simply tap the bracket with a hammer and the barbed hooks hold it in place
- BOX-LOC® is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud. Barbed hooks dig into the flat side of the stud, locking it in place

Far Side Box Support Application (978)

- Prevents installed box from "floating" in wall cavity

Far Side Box Support Features

- Snaps into hole in back of box
- Easy to cut to fit depth of cavity

**ORDERING INFORMATION - DIMENSIONS****ADJUSTABLE BAR HANGERS**

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOAD	
				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
920*	3/8" Stud, adj. 14-1/4" to 22-1/2"	50		No	50
922*	Clip, adj. 14-1/4" to 22-1/2"	50		No	50

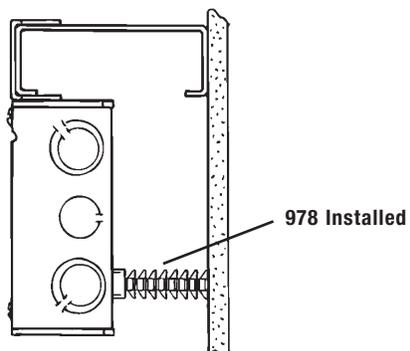
*UL Rated at 16" span on center

BOX-LOC® METAL STUD CLIP

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
980	Spring-steel bracket	50	

FAR SIDE BOX SUPPORT

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
978	1-7/8" Rigid, plastic support	50	—



ACCESSORIES FOR STEEL BOXES

“Old Work Saddle” Application (970RAC)

- The “Old Work Saddle” #970 is designed to be used with 2-1/2” deep switch boxes that have plaster ears

“Old Work Saddle” Product Feature

- #970RAC installs into the 1/2” bottom conduit knockout

GRIP-LOK™ Application (977, 8977, 8977-5)

- The GRIP-LOK™ support is designed to be used with any deep switch box that has plaster ears

GRIP-LOK™ Product Feature

- Simply slip GRIP-LOK™ between box and wall, then bend tabs into the box

Add-A-Depth Applications (976)

- Add-A-Depth ring or “goof-ring” is designed to act as a barrier between combustible wall surfaces and the wiring system
- For single and two-gang device boxes
- There is no UL standard for this product
- Subject to acceptance by an electric inspector

The NEC Code States: 314.20 in Wall or Ceiling

- In walls or ceilings of concrete, tile, or other non-combustible material, boxes shall be installed so that the front edge of the box will not set back of the finished surface more than 1/4 inch (6.35 mm). In walls and ceilings constructed of wood or other combustible material, boxes shall be flush with the finished surface or project there from

Nailing Spur Applications (2709, 2710)

- Protects nonmetallic sheathed cable or raceway type wires running through wood members from accidental nail, screw or drill penetration
- No nails required

Compliance

-  – File E195973, E195968 (not 970RAC)

Applications (969)

- Old work box support clips convert standard switch box to old work type

Product Feature

- Old work switch box clips for use with 1/2” thick standard drywall
- One pair per box



RACO STEEL BOXES & COVERS

ORDERING INFORMATION - DIMENSIONS

SWITCH BOX SUPPORT “OLD WORK SADDLE”			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
970RAC	Mounts switch boxes with plaster ears in hollow walls or ceilings	10	

GRIP-LOK™ “OLD WORK” SWITCH BOX SUPPORT			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
977	Supplied as a pair. Use pair to mount switch box with plaster ears in hollow wall, 1-7/8” long legs	100 pairs	—
8977	Supplied as a pair. Use pair to mount switch box with plaster ears in hollow wall, 1-7/8” long legs	50 pairs	
8977-5	Supplied as a pair. Use pair to mount switch box with plaster ears in hollow wall, 1-7/8” long legs	100 pairs*	

*4 Bundles of 25

SWITCH BOX ACCESSORIES				
CATALOG NUMBER	DESCRIPTION	FOR RACO SWITCH BOXES	STD. PKG.	UPC BAR CODE
961	Plaster Ears - Open Style w/screws	410, 420, 440, 445, 500, 503, 506, 508, 526, 545, 560, 565, 567, 570RAC, 590, 600, 601	100	
962	Plaster Ears - Clipped Style w/screws	150, 400, 591	100	
963	Plaster Ears - 1 Screw Style w/screws	471, 487, 517, 518, 519, 523	100	
964	Old Work Griptite Clip w/screws	523	100	
966	Old Work Tigergrip Clip w/screws	487, 506, 517	100	

OLD WORK SWITCH BOX CLIPS			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
969	Old work clips for switch box	50	

ADD-A-DEPTH RING EXTENDS SWITCH BOX SET TOO DEEP IN WALL			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
976	Adjustment range 1/4”-1”, Two 1-1/8” screws included	25	

CABLE PROTECTOR			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
2709	Nailing spurs, 2-9/16” H. x 1-1/2” W. x 1/16” TH. 1/2” Spike	100	
2710	Nailing spurs, 2-9/16” H. x 1-1/2” W. x 1/16” TH. 1/2” Spike	200	—
2709-9	Nailing spurs, 2-9/16” H. x 1-1/2” W. x 1/16” TH. 1/2” Spike	100	—



A60

ACCESSORIES FOR STEEL BOXES

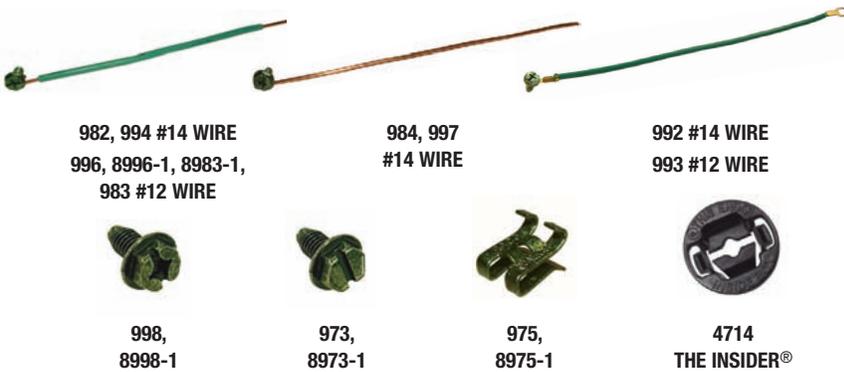
RACO STEEL BOXES & COVERS

Grounding Applications

- Grounding accessories provide a safe electrical path to ground to help prevent shock
- Grounding screws thread into the box and provide a means of fastening the ground conductor
- Ground wires fasten to the box and are then connected to wiring system or wiring device
- RACO® 6" and 8" ground pigtails feature 4-way (slotted, phillips, hex-head) combo 10-32 captive screw
- Ground clips provide a quick method of fastening a ground conductor to the edge of a steel outlet box
- Ground clips are designed for use with solid No. 14, 12, and 10 gauge copper conductor or No. 12 and 10 gauge aluminum conductor
- Only one solid ground wire to be installed per ground clip

Compliance

-  – File E195975 (975, 8975-1)



982, 994 #14 WIRE
996, 8996-1, 8983-1,
983 #12 WIRE

984, 997
#14 WIRE

992 #14 WIRE
993 #12 WIRE



998,
8998-1



973,
8973-1



975,
8975-1



4714
THE INSIDER®

ORDERING INFORMATION - DIMENSIONS

GROUNDING PIGTAILS					
CATALOG NUMBER	DESCRIPTION			STD. PKG.	UPC BAR CODE
	WIRE LENGTH				
	6"	8"			
982	994	#14 Solid insulated copper wire, captive 4-way combo head green dye finish ground screw one end (25 pc. bundles)		1000	—
983	996	#12 Solid insulated copper wire, captive 4-way combo head green dye finish ground screw one end (25 pc. bundles)		1000	—
8983-1	8996-1	#12 Solid insulated copper wire, captive 4-way combo head green dye finish ground screw one end, poly bag (10 pcs per poly bag)		40 bags*	
984	997	#14 Solid bare copper wire, captive 4-way combo head green dye finish ground screw one end (25 pc. bundles)		1000	—
—	992	#14 Stranded insulated copper wire, captive 4-way combo head green dye finish ground screw one end, spade terminal one end (100 pc. bundles)		500	—
—	993	#12 Stranded insulated copper wire, captive 4-way combo head green dye finish ground screw one end, spade terminal one end (100 pc. bundles)		500	—

GROUNDING SCREWS AND CLIPS					
CATALOG NUMBER	DESCRIPTION			STD. PKG.	UPC BAR CODE
998	4-Way combo head green dye finish 3/8" ground screw for 10-32 tapped hole, clam shell package (100 pcs per clam shell)			1000	
8998-1	4-Way combo head green dye finish 3/8" ground screw for 10-32 tapped hole, poly bag (10 pcs. per bag)			50 bags*	
973	Slotted head green dye finish 3/8" ground screw for 10-32 tapped hole, clam shell package (100 pcs per clam shell)			1000	
8973-1	Slotted head green dye finish 3/8" ground screw for 10-32 tapped hole, poly bag (10 pcs. per bag)			50 bags*	
975	Green dye finish ground clip for #14-#10 AWG copper, clam shell package (100 pcs per clam shell)			1000	
8975-1	Green dye finish ground clip for #14-#10 AWG copper, poly bag (10 pcs. per bag)			50 bags*	

*Order standard package bag quantities only, not per piece

 4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)



RACO® Nonmetallic Cable Boxes



MOST OFTEN REQUESTED ARTICLES OF THE 2008 NATIONAL ELECTRICAL CODE®	HOW RACO® PRODUCTS HELP COMPLETE THE INSTALLATION
<p>314.27 (A) Boxes at Lighting Fixture Outlets. Boxes used at lighting fixture outlets shall be designed for the purpose.</p>	<p>Our octagon boxes are designed for direct mounting of light fixtures. Device boxes are designed for the mounting, (by #6-32 screws), of devices such as snap-switches and receptacles. They are not suitable for support other than for very lightweight devices, such as a smoke alarm unit. (See Article 314.27 (A)) or wall fixtures 6 lbs. or less [See 314.27 (A) exception].</p>
<p>314.16 (A) Space for Conductors. Canopies and outlet boxes taken together shall provide adequate space so that fixture conductors and their connecting devices can be properly installed.</p>	<p>When calculating the minimum cubic inch requirements for an outlet box, the canopy may be included in the calculation. However, the canopy of the fixture/fan needs to be marked with the cubic inch capacity. The volume of an unmarked canopy may be used at the discretion of the local authority having jurisdiction.</p>
<p>314.27 (D) Boxes at Fan Outlets. Outlet boxes shall not be used as the sole support for ceiling (paddle) fans. Exception: Boxes listed for the application shall be permitted as the sole means of support.</p>	<p>At any ceiling outlet that is intended to have a ceiling (paddle) fan installed, a UL Listed outlet box rated for ceiling fan support must be used. RACO offers a complete line of products designed for various applications and mounting needs.</p>
<p>314.27 (C) Floor Boxes. Boxes listed specifically for this application shall be used for receptacles located in the floor. Exception: Boxes located in elevated floors of show windows and similar locations where the authority having jurisdiction judges them to be free from physical damage, moisture, and dirt.</p>	<p>Only boxes that are UL Listed for the application may be fastened into the floor. RACO® floor boxes are in Section C in this catalog.</p>
<p>410.36 (A) Means of Support – Outlet Boxes. Where the outlet box or fitting will provide adequate support, a fixture shall be attached thereto or be supported as required by Section 314.27(B) for boxes. A fixture that weighs more than 50 pounds (22.7 kg) shall be supported independently of the outlet box.</p>	<p>All outlet boxes that are intended to be used with fixtures are tested in accordance with UL Standard 514-A for steel boxes, 514-C for plastic boxes. The test does provide an ample margin for safety.</p>
<p>314.27 (D) Support of Ceiling Fans.</p> <p>(a) Ceiling Fans 35 lbs. or Less. Listed ceiling fans that do not exceed 35 pounds in weight, with or without accessories, shall be permitted to be supported by outlet boxes identified for such use and supported in accordance with Sections 370-23 and 370-27.</p> <p>(b) Ceiling Fans Exceeding 35 lbs. Listed ceiling fans exceeding 35 pounds in weight, with or without accessories, shall be supported independently of the outlet box. See Section 370-23.</p>	<p>If the outlet box is UL Listed for ceiling fan support, the maximum fan weight that can be supported is 35 pounds unless otherwise marked. The RACO® ceiling fan box (7120) is UL Listed for 70 lbs. RACO® ceiling fan outlet boxes use hardened screws for support of the fan. Captive star lock-washers prevent the screws from loosening, providing a safe and secure installation.</p>
<p>300.133 (A)(1)(C) Installation of Communications Wires, Cables, and Equipment – Electric Light or Power Circuits. Communications conductors shall not be placed in any raceway, compartment, outlet box, junction box, or similar fitting with conductors of electric light or power circuits or Class 1 circuits.</p>	<p>When power and voice/data are brought to one enclosure, a means of dividing the wiring is required. RACO® has a variety of metallic and nonmetallic low voltage partitions.</p>
<p>406/11 Tamper-Resistant Receptacles in dwelling units.</p>	<p>This prevents shocks to small children that like to insert keys, paper clips, etc. into the receptacle slots.</p>

NONMETALLIC CABLE BOXES

Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Single-gang boxes have knockouts that break out quickly and cleanly for faster installation
- Positioning tabs for fast accurate mounting on studs or joists
- Oversized nail support that resists hammer impact and prevents box deformation

Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

Reference Data

- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

Compliances

-  – Standard 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7302RAC, 7820RAC

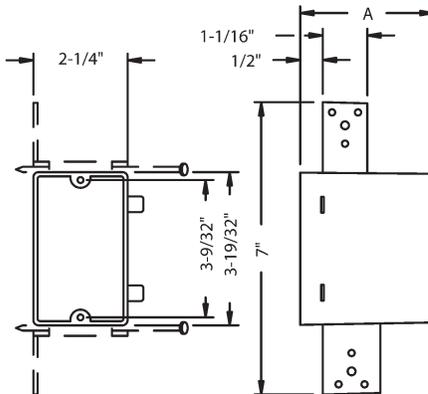
RACO NONMETALLIC
CABLE BOXES

ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG WITH CAPTIVE NAILS FOR NONMETALLIC SHEATHED CABLE					
CATALOG NUMBER	DESCRIPTION/SETBACK	CABLE KNOCKOUTS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7302RAC	Nails, 1/2" setback	4	18.0	100	
7820RAC	Nails, 1/2" setback	4	20.0	100	

DIMENSIONS	
CATALOG NUMBER	A (DEPTH)
7302RAC	2-3/4"
7820RAC	3-3/16"

NONMETALLIC BOXES



A64**NONMETALLIC CABLE BOXES****MULTIGANG**RACO NONMETALLIC
CABLE BOXES**Applications**

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- Positioning tabs for fast accurate mounting on studs or joists
- Oversized nail support that resists hammer impact

Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

Reference Data

- Cable clamp U.S. Patent 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599
- Four-gang box support U.S. Patent 5,065,968

Compliances

-  – Standard 514-C, – File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating (except 7645RAC), (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7835RAC



7645RAC



7846RAC

ORDERING INFORMATION - DIMENSIONS**TWO-GANG WITH CAPTIVE NAILS FOR WOOD STUDS
FOR NONMETALLIC SHEATHED CABLE**

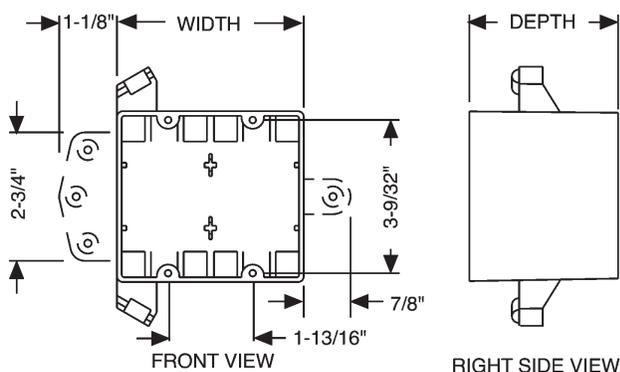
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7835RAC	Nails	8	32.0	15	

**MULTI-GANG WITH CAPTIVE NAILS FOR METAL OR WOOD STUDS
FOR NONMETALLIC SHEATHED CABLE**

CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7645RAC	Four-gang, nails, 1/2" setback bracket support	12	55.0	25	
7846RAC	Three-gang, nails, 1/2" setback	12	44.0	8	

DIMENSIONS

CATALOG NUMBER	GANG	WIDTH	DEPTH
7835RAC	2	4"	2-29/32"
7846RAC	3	5-7/8"	2-3/4"
7645RAC	4	7-5/8"	2-5/8"

MULTI-GANG CABLE BOX

NONMETALLIC CABLE BOXES

Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Single-gang boxes have knockouts that break out quickly and cleanly for faster installation
- Positioning tabs for fast accurate mounting on studs or joists

Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

Reference Data

- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

Compliances

-  – Standard 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7308RAC



7717RAC



7318RAC



7881, 7883

RACO NONMETALLIC
CABLE BOXES

ORDERING INFORMATION - DIMENSIONS

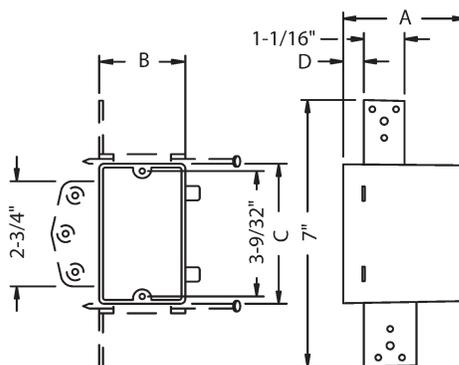
SINGLE-GANG WITH BRACKETS FOR METAL OR WOOD STUDS FOR NONMETALLIC SHEATHED CABLE

CATALOG NUMBER	DESCRIPTION	CABLE KNOCKOUTS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7308RAC	Bracketed, shallow, 3/8" setback	2	8.0	25	
7318RAC	Flanged, shallow	2	8.0	25	
7717RAC	Face mount, 1/2" setback	4	20.0	100	
7881	Side mount, 5/8" setback	4	18.0	50	
7883	Side mount, 5/8" setback	4	20.3	50	

DIMENSIONS

CATALOG NUMBER	A	B	C	D
7308RAC	1-1/4"	2-3/8"	3-1/2"	3/8"
7318RAC	1-1/4"	2-3/8"	3-1/2"	—
7717RAC	2-27/32"	2-1/4"	3-19/32"	1/2"
7881	2-27/32"	2-1/4"	3-19/32"	5/8"
7883	3-3/16"	2-1/4"	3-19/32"	5/8"

NONMETALLIC BOXES



A66

NONMETALLIC CABLE BOXES

RACO NONMETALLIC CABLE BOXES

Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- Extra long, metal swing arms ensure secure installation
- RACO® 7122RAC and 7922RAC features wrap-around metal clamp to secure box to sheetrock

Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound. 7122RAC and 7922RAC is polycarbonate

Reference Data

- Old work support U.S. Patent 4,183,486
- Cable clamp U.S. Patent 4,874,905
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

Compliances

-  – Standard 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488

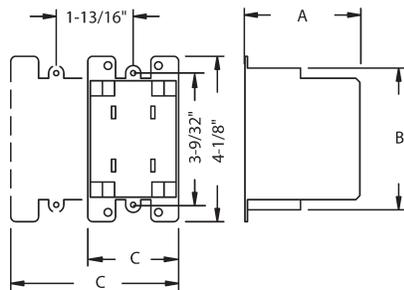


ORDERING INFORMATION - DIMENSIONS

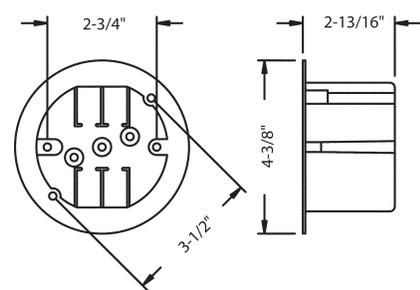
OLD WORK BOXES FOR NONMETALLIC SHEATHED CABLE						
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	MAX.RECOMMENDED SUPPORT LOADS FIXTURE (STATIC) LBS.	UPC BAR CODE
7887RAC	Single-gang, old work, flush mount	4	14.0	50	No	
7488RAC	Two-gang, old work, flush mount	6	25.0	30	No	
7122RAC	3-1/2" Round, old work, flush mount	4	18.0	100	5	
7922RAC	3-1/2" Round, old work, flush mount w/grnd. plate	4	18.0	100	No	

DIMENSIONS				
CATALOG NUMBER	GANG	A	B	C
7887RAC	1	2-29/32"	3-1/8"	2-1/4"
7488RAC	2	2-3/4"	4"	3"
7122RAC	—	2-11/16"	—	—
7922RAC	—	2-11/16"	—	—

CAT. NOS. 7887RAC, 7488RAC



CAT. NOS. 7122RAC, 7922RAC



NONMETALLIC CABLE BOXES

Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring systems or devices

Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-gripping wire entry clamps
- Oversized nail support that resists hammer impact and prevents box deformation
- The RACO® 980 BOX-LOC® for metal studs can be installed to either the 7220RAC or 7232RAC quickly and easily. With just a push, it simply snaps into the grooves on the side of box. The 978 far-side box support can be added to complete a rigid and secure installation

Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

Reference Data

- Cable clamp U.S. Patent 4,874,905 & 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

Compliances

- **UL** – Standard 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



RACO NONMETALLIC CABLE BOXES

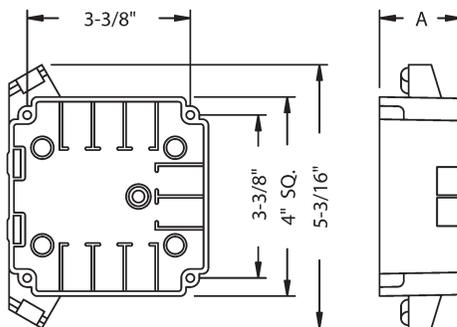
ORDERING INFORMATION - DIMENSIONS

4" SQUARE WITH CAPTIVE NAILS FOR METAL* OR WOOD STUDS FOR NONMETALLIC SHEATHED CABLE					
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7220RAC	Nails	8	18.0	8	
7232RAC	Nails	10	32.0	8	

ACCESSORIES			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
978	Far-side box support	50	
980	BOX-LOC® metal stud clip	50	

DIMENSIONS	
CATALOG NUMBER	A (DEPTH)
7220RAC	1-5/8"
7232RAC	2-5/8"

NONMETALLIC BOXES



A68

NONMETALLIC CABLE BOXES

RACO NONMETALLIC CABLE BOXES

Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring systems or devices
- For use wherever lighting fixture canopies are to be installed
- Ceiling boxes on this page are not designed for ceiling fan support

Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-gripping wire entry clamps
- Round fixture boxes offer an optional front-mounted grounding screw
- Oversized nail support that resists hammer impact and prevents box deformation

Standard Material

- Made of heavy-duty engineered compound. Base material is polycarbonate

Reference Data

- Cable clamp U.S. Patent 4,874,905 & 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

Compliances

-  – Standard 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7919RAC GRD. PLATE
7119RAC W/O PLATE



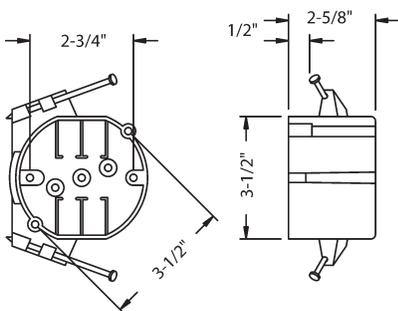
7823RAC GRD. PLATE
7824RAC W/O PLATE

ORDERING INFORMATION - DIMENSIONS

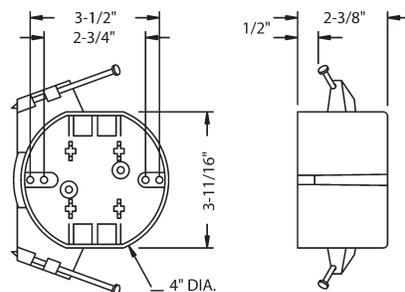
3-1/2" ROUND CEILING WITH CAPTIVE NAILS FOR NONMETALLIC SHEATHED CABLE							
CATALOG NUMBER	DESCRIPTION SETBACK	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7119RAC	Nails, 1/2" setback	4	18.0	75		No	50
7919RAC	Nails, grd. plate 1/2" setback	6	18.0	75		No	50

4" ROUND CEILING WITH CAPTIVE NAILS FOR NONMETALLIC SHEATHED CABLE							
CATALOG NUMBER	DESCRIPTION SETBACK	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7824RAC	Nails, 3/8" setback	4	20.0	75		No	50
7823RAC	Nails, grd. plate 3/8" setback	4	20.0	75		No	50

CAT. NOs. 7119RAC, 7919RAC



CAT. NOs. 7823RAC, 7824RAC



NONMETALLIC CEILING CABLE BOXES

Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring systems or devices
- RACO® 7907, 7307, 7825, 7826RAC are not designed for ceiling fan support

Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-gripping wire entry clamps
- Round fixture boxes offer an optional front-mounted grounding screw
- For use wherever fans (Cat. #7120, 7120-1, 7120VB only) or lighting fixture canopies are to be installed

Standard Material

- Made of heavy-duty engineered compound. Base material is polycarbonate

Reference Data

- Cable clamp U.S. Patent 4,874,905 & 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599
- Cat. #7120 U.S. Patent 5,234,119; Mexico Patent 179,825

Compliances

-  – Standard 514-C, File E104681 and R9320
- All versions of RACO® 7120 are UL approved for nonmetallic wiring systems
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7907 GRD. PLATE
7307 W/O PLATE

7825 GRD. PLATE
7826RAC W/O PLATE

SADDLE BOX™
7120, 7120-1

7120VB

RACO NONMETALLIC
CABLE BOXES

ORDERING INFORMATION - DIMENSIONS

3-1/2" ROUND CEILING SET-UP FOR SPANNING FROM JOIST TO JOIST FOR NONMETALLIC SHEATHED CABLE							
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7307*	Adj. 14-3/4" - 22-1/2"	4	18.0	25		No	50
7907*	Adj. 14-3/4" - 22-1/2" Ground plate	4	18.0	25		No	50

* UL Rated at 16" on center

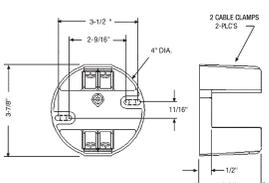
4" ROUND CEILING SET-UP FOR SPANNING FROM JOIST TO JOIST FOR NONMETALLIC SHEATHED CABLE							
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7826RAC*	Adj. 14-3/4" - 22-1/2"	6	20.0	25		No	50
7825*	Adj. 14-3/4" - 22-1/2" Ground plate	6	20.0	20		No	50

* UL Rated at 16" on center

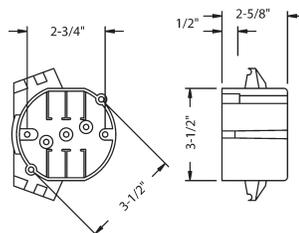
4" ROUND CEILING FAN/FIXTURE BOX FOR NONMETALLIC SHEATHED CABLE OR CONDUIT								
CATALOG NUMBER	DESCRIPTION	KNOCK-OUTS SIDES	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
							CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7120*	Ceiling fan box	2-1/2"	4	12.5	20		70	210
7120-1	Ceiling fan box	2-1/2"	4	12.5	24		70	210
7120VB	Ceiling fan	2-1/2"	4	12.5	24		70	210

*Packaged in a stackable, individual chipboard box suitable for shelf display

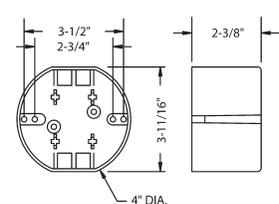
CAT. NOs.
7120, 7120-1, 7120VB



CAT. NOs.
7307, 7907



CAT. NOs.
7825, 7826RAC



A70

NONMETALLIC CABLE BOXES

CSA CERTIFIED

RACO NONMETALLIC CABLE BOXES

Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring systems or devices

Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-gripping wire entry clamps
- All outlet boxes have a front-mounted grounding screw with combination straight/ Robertson head
- Positioning tabs provide fast, accurate mounting on studs or joists
- Grounding screw provided

Standard Materials

- Made of high strength Noryl®
- Noryl® is a registered trademark of General Electric Corporation



7320



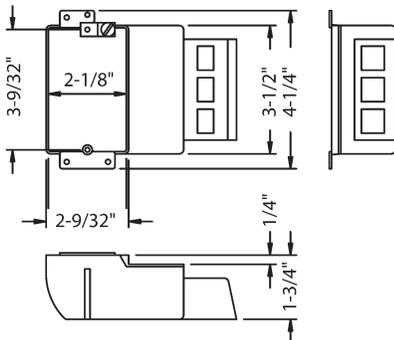
7321

ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG SHALLOW, FAST WIRE

CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7320	Shallow, fast wire	17.0	50	—
7321	Fast wire clamp	—	1000	—

CAT. NO. 7320



Compliances

- – Specifications C22.2 #18
- Federal Manufacturer's number 28488



NONMETALLIC CABLE BOXES

VAPOR BARRIER

Applications

- Vapor barrier boxes prevent unwanted penetration of exterior air and help maintain the existing interior environment from elements outside of the structure
- RACO® nonmetallic vapor barrier cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Serve as fixture support
- Provide excellent protection for wiring systems or devices
- RACO® 2008 FBAR is not designed for ceiling fan support

Product Features

- Self-gripping wire entry clamps
- 2008FBAR, 7120VB boxes have a front-mounted grounding screw with combination straight/ Robertson head
- Vapor/air barrier flange and integral wire entry seal provides superior energy savings and quick installation
- Unique saddle design straddles standard joists
- Hands free installation
- For 1/2", 5/8", or 3/4" drywall
- 7120VB prevents unwanted penetration of exterior air and helps maintain the existing interior environment from the elements outside the structure
- Fits any 1-1/2" wide joist

Standard Material

- Made of high strength Noryl®
- Noryl® is a registered trademark of General Electric Corporation

Compliances

-  – Specifications C22.2 #18
2011FBAR, 2002FBAR, 2003FBAR, 2008FBAR
- Federal Manufacturer's number 28488
-  – Standard 514-C, File E104681
7120VB



2011FBAR

2002FBAR

2003FBAR

2008FBAR

7120VB

ORDERING INFORMATION - DIMENSIONS

VAPOR BARRIER SWITCH BOX - 2-1/4" W. x 3-3/4" H. x 2-3/4" D.					
CATALOG NUMBER	DESCRIPTION SETBACK	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
2011FBAR	Single-gang with flush bracket, 1/2" setback	4	18.0	100	

VAPOR BARRIER 2-GANG SWITCH BOX - 4-1/8" W. x 3-5/8" H. x 2-3/4" D.					
CATALOG NUMBER	DESCRIPTION SETBACK	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
2002FBAR	Two-gang with flush bracket, 1/2" setback	8	37.0	50	

VAPOR BARRIER 3-GANG SWITCH BOX - 5-7/8" W. x 3-5/8" H. x 2-3/4" D.					
CATALOG NUMBER	DESCRIPTION SETBACK	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
2003FBAR	Three-gang with flush bracket, 1/2" setback	12	51.0	50	

VAPOR BARRIER 4" ROUND CEILING BOX - 2-1/4" D.							
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
2008FBAR	Round box with flush bracket, 1/2" setback	4	22.0	50		No	50

VAPOR BARRIER 4" ROUND CEILING FAN BOX - 2-39/64" D.							
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7120VB	Ceiling fan box	4	12.5	24		70	210

A72

ENT NONMETALLIC BOXES

RACO NONMETALLIC CABLE BOXES

Applications

- RACO® ENT boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

Product Features

- Knockouts offer greater flexibility with RACO's 1/2" and 3/4" knockout
- TKO® products help to reduce the number of products needed to do the same job
- Unique bracket design features automatic setback gauges for quick installation

Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

Reference Data

- ENT box U.S. Patent 4,844,275
- Mounting Holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex Device Holes U.S. Patent 4,666,055; Canada Patent 1,260,599

Compliances

-  – 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- ANSI/NEMA TC13-1986
- Federal Manufacturer's number 28488



7050

7053

7054

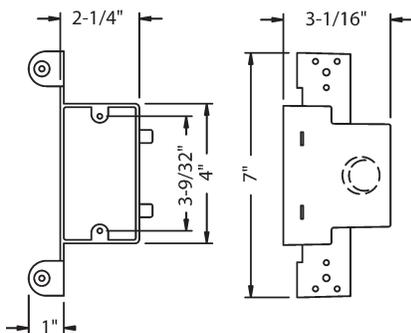
ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG - METAL OR WOOD STUDS FOR ENT							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS			CU. IN. CAP.	STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM			
7050	Bracketed 1/2" setback	1	2	—	18.0	50	

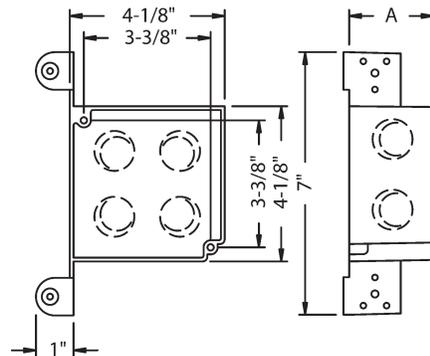
4" SQUARE - METAL OR WOOD STUDS FOR ENT							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS			CU. IN. CAP.	STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM			
7053	Bracketed	2-1/2"	6-1/2"	4-1/2"	22.5	50	
7054	Bracketed	2	4	4-TKO®	31.0	50	

DIMENSIONS	
CATALOG NUMBER	A INSIDE
7053	1-1/2"
7054	2-1/8"

CAT. NO. 7050



CAT. NOs. 7053, 7054



ENT NONMETALLIC BOXES

RACO NONMETALLIC
CABLE BOXES

Applications

- RACO® ENT boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring system or devices
- Ceiling boxes on this page are not designed for ceiling fan support

Product Features

- Knockouts offer greater flexibility with RACO's combination 1/2" and 3/4" knockout
- Combination knockouts help to reduce the number of products needed to do the same job

Standard Material

- Made of heavy-duty engineered compound. Base material is polycarbonate

Reference Data

- ENT box U.S. Patent 4,844,275
- Mounting Holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex Device Holes U.S. Patent 4,666,055; Canada Patent 1,260,599

Compliances

-  - 514-C, File E195978
- File E104681, R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- ANSI/NEMA TC13-1986
- Federal Manufacturer's number 28488



7052



7051

ORDERING INFORMATION - DIMENSIONS

4" ROUND CEILING BOX FOR ENT

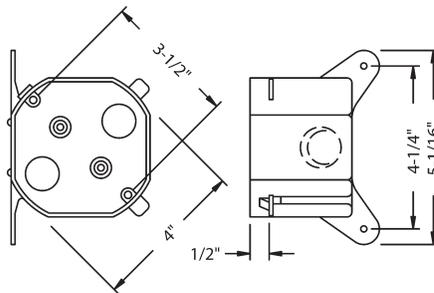
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7052	Bracketed 1/2" Setback	4	2-1/2"	20.3	50		No	50

4" ROUND CEILING - SET-UP FOR SPANNING FROM JOIST TO JOIST FOR ENT

CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
*7051	Adjusts 14-1/4 to 22-1/2"	4	2-1/2"	20.3	25		No	50

*UL Rated at 16" on center

CAT. NOS. 7052, 7051



A74

NONMETALLIC BOX ACCESSORIES

COVERS, PLASTER RINGS, PARTITIONS, STRAPS

RACO NONMETALLIC CABLE BOXES

Applications

- RACO® ENT covers and plaster rings are used to finish off box installations
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

Covers, Plaster Rings, Straps

Standard Materials

- Made of heavy-duty PVC (Polyvinyl chloride) compound. 7081 is polycarbonate
- 7009 and 7010 are polyethylene

Reference Data

- ENT box U.S. Patent 4,844,275
- Mounting Holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex Device Holes U.S. Patent 4,666,055; Canada Patent 1,260,599

Compliances

-  – 514-C, File E104681 and R9320
- Covers are listed for their Electrical Applications (Electrical Codes), UL Green Book
- ANSI/NEMA TC13-1986
- Federal Manufacturer's number 28488



ORDERING INFORMATION - DIMENSIONS

4-1/8" SQUARE/ 4" ROUND - COVERS/PLASTER RINGS/PARTITIONS				
CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7080	Flat, 1/2" KO in center	—	50	
7070	Raised, 1/2", 1 - device	3.3	50	
7071	Raised, 5/8", 1 - device	4.0	50	
7075	Raised, 1/2", 2 -device	6.0	50	
7076	Raised, 5/8", 2 - device	7.3	50	
*7090	Voltage partition	—	50	
7081	Round, flat, 1/2" KO in center	—	50	

* Not UL Listed

ENT CONDUIT STRAP			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
7009	1/2" with preset nail	1000	—
7010	3/4" with preset nail	500	—



RACO[®] Floor Boxes



General Applications

RACO floor boxes are ideally suited for heavy floor traffic applications, such as shopping malls, retail stores, banks and schools. Floor boxes are installed in poured concrete floors and are fed with conduit. RACO's complete line includes both single service and three-service (power and voice/data) floor boxes, which are available in cast iron, stamped steel and PVC plastic. Floor box covers and carpet flanges are offered in brushed brass and textured thermoplastic in two designer colors, ivory and gray. RACO floor boxes:

- Are used in branch circuit wiring
- Accommodate wiring devices such as receptacles for voice/data
- Provide excellent protection for wiring system or devices
- Must be closed with a cover
- Permit access to conductors for maintenance

Non-Adjustable Style**Floor Box Features**

This type of box has no means for adjustment. It is usually installed in wooden floors or used for retrofit in concrete.

RACO quality non-adjustable floor boxes feature:

- Rugged cast iron for strength and ground continuity
- Factory-installed ground wire
- Simple one-piece floor box design offers flexibility for power outlet or voice/data outlets
- Conveniently positioned conduit entries are tapped and plugged

Fully-Adjustable**Floor Box Features**

This type of box has leveling screws for height and leveling adjustments to be made before the concrete is poured, and final leveling adjustments after the concrete is poured. The maximum leveling adjustment is a 7° tilt.

Fully-Adjustable Floor Boxes feature:

- Concrete-tight floor boxes for use in power or voice/data
- Cast iron boxes classified as water-tight and concrete-tight, typically used below grade where excessive moisture is present
- Choice of materials — stamped steel or cast iron
- Cast iron floor box including factory-installed ground wire, and multiple gang boxes with one ground wire per gang
- Multiple gang boxes provided with low voltage partitions
- Ample wiring space for any combination of power outlet or voice/data outlets

Standard Materials

- Nonmetallic floor box is made of heavy-duty PVC (Polyvinyl chloride) compound. Base material is recycled
- Steel floor boxes are made of .0625 - inch - thick steel
- Cast iron floor boxes are made from cast iron having a high tensile strength
- Solid brass covers and carpet flanges
- Nonmetallic floor box covers and carpet flanges are made of high-strength thermoplastic (ABS).

Standard Finishes

- Natural gray finish on nonmetallic floor box
- Nonmetallic floor box covers and carpet flanges are available in gray and ivory
- Steel boxes have a zinc coating
- Cast iron floor boxes have a gray powder coat paint finish
- Solid brass covers and carpet flanges have a brushed finish

Compliances

Floor boxes are subject to the same code requirements and minimum conductor fill requirements as other boxes. RACO floor boxes carry the following compliances:

- UL Standard 514-A, file E4872
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- U.S. Federal Specification and Standards W-C-583B
- Federal Manufacturer's number 28488

Reference Data

- Minimum wiring capacity calculation can be found on pages A8 of this catalog.

Floor Box Installation

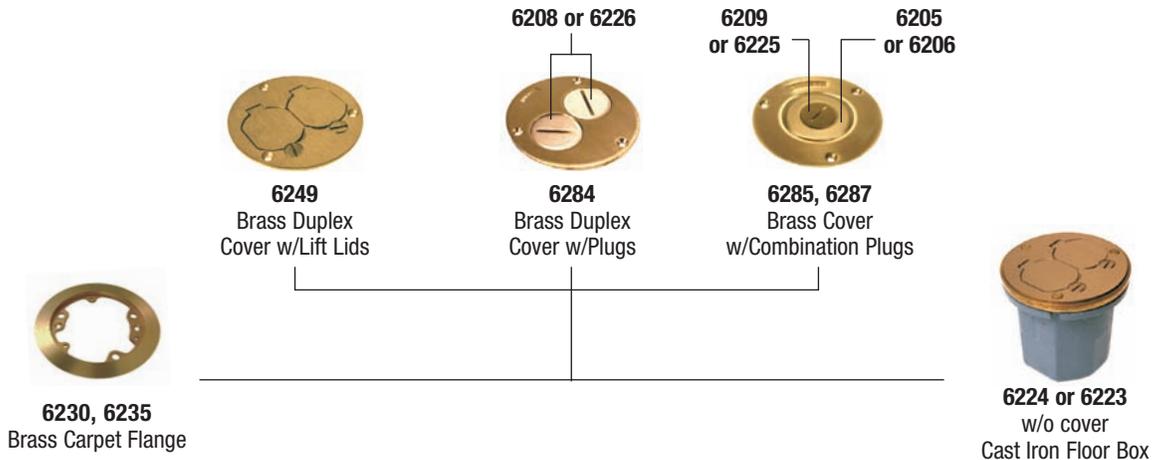
Installing a fully-adjustable floor box in a poured concrete floor: RACO provides with all box assemblies or flanges a metallic concrete cover. The concrete cover permits pouring concrete to the top of the box. The cover is then easily removed after the pour. To install the box:

- Locate box and install conduit in accordance with local codes
- Secure box to reinforcing bar (mesh)
- Make pre-pour height and leveling adjustments
- Grease inside of cement cover and install on box
- Grease outside of cement cover
- Apply bead of grease on exposed portion of adjusting collar
- Tape cement cover to box
- Pour concrete
- After the concrete has set, remove the concrete cover
- Pull wires and install wiring device
- Make final pour adjustments, and grout around the box if required
- Install cover plates and/or accessories

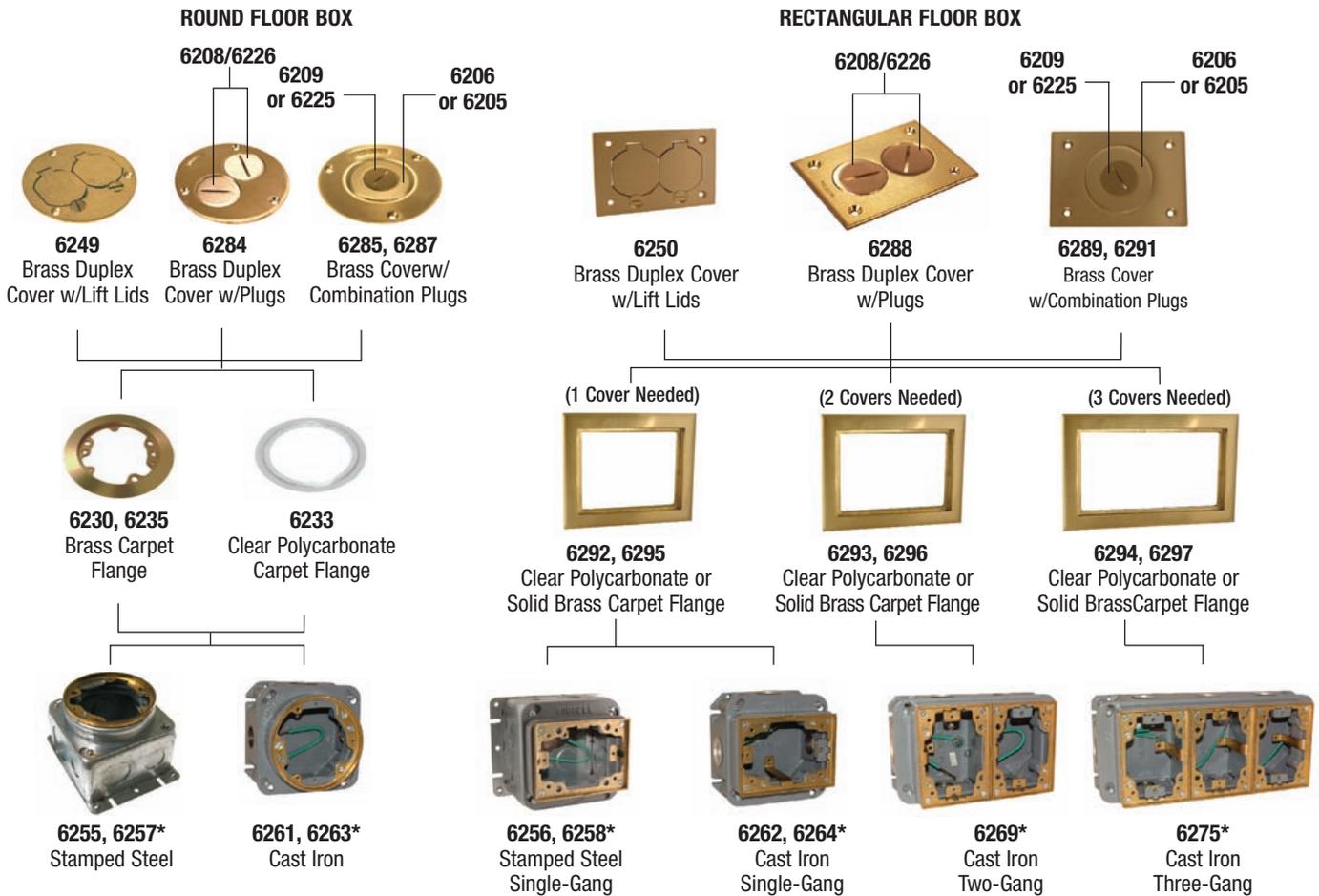
RACO® FLOOR BOXES

SUMMARY OF THE MOST OFTEN REQUESTED ARTICLES OF THE 2008 NATIONAL ELECTRICAL CODE	HOW RACO PRODUCTS HELP COMPLETE THE INSTALLATION
<p>210-52 (a) Dwelling Unit Receptacle Outlets — General Provisions. In every kitchen, family room, dining room, living room, parlor, library, den, sun room, bedroom, recreation room, or similar room or area of dwelling units, receptacle outlets shall be installed so that no point along the floor line in any wall space is more than 6 feet, measured horizontally, from an outlet in that space, including any wall space 2 feet or more in width and the wall space occupied by fixed panels in exterior walls, but excluding sliding panels in exterior walls. The space afforded by fixed room dividers, such as freestanding bar-type counters or railings, shall be included in the 6-foot measurement.</p>	<p>Every 6 feet along the wall surface there should be a receptacle outlet regardless of the room within the dwelling. The purpose of this Article is to eliminate extension cords that are used within the dwelling. Electrically overloaded extension cords are often a source of fires. Installation of a RACO floor box may help alleviate the need for extension cords by locating receptacles where no wall outlets are installed. Receptacle outlets in floors can be counted as part of the required number of receptacles if they are within 18 inches of the wall.</p>
<p>250-146 Connecting Receptacle Grounding Terminal to Box. An equipment bonding jumper shall be used to connect the grounding terminal of a grounding-type receptacle to a grounded box. <i>Exception (c): Floor boxes designed for and listed as providing satisfactory ground continuity between the box and the device.</i></p>	<p>All RACO floor boxes are designed and listed for having ground continuity without an equipment bonding jumper. RACO does provide on all of its cast floor boxes a factory-installed ground wire.</p>
<p>314.27(C) Outlet Boxes — Floor Boxes. Boxes listed specifically for this application shall be used for receptacles located in the floor. Exception: Boxes located in elevated floors of show windows and similar locations where the authority having jurisdiction judges them to be free from physical damage, moisture, and dirt.</p>	<p>Only boxes that are UL Listed for the application may be fastened into the floor.</p>
<p>800.133 (C) Installation of Communications Wires, Cables, and Equipment — Electric Light or Power Circuits. Communications conductors shall not be placed in any raceway, compartment, outlet box, junction box, or similar fitting with conductors of electric light or power circuits or Class 1 circuits.</p>	<p>This Article applies when power and voice/data are brought to one enclosure. A means of dividing the wiring is required. Voltage dividers are available for the following floor box types: PVC floor box and rectangular fully-adjustable.</p>

NON-ADJUSTABLE FLOOR BOX SYSTEM



FULLY-ADJUSTABLE FLOOR BOX SYSTEM

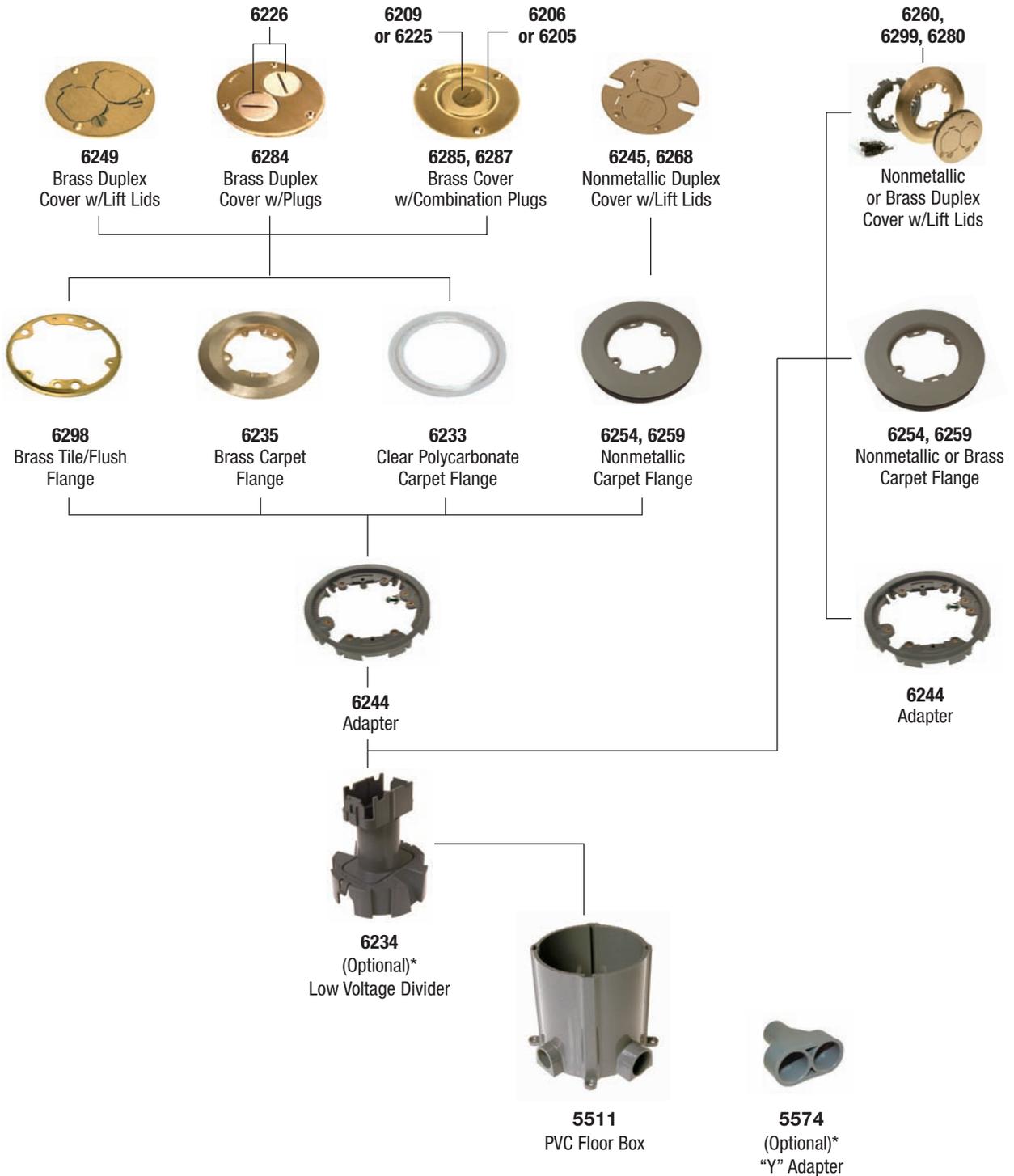


*Included brass tile ring must be removed and discarded before installation of brass carpet flanges. Polycarbonate flanges are installed between box and included brass ring

QUICK SELECTION GUIDE

PVC FLOOR BOX SYSTEM

RACO FLOOR BOXES



* Nonmetallic Box – Multi-Service Option: A voltage separation units allows the nonmetallic box to be used for telephone/data service as well as power. As shown, the unit has has two pieces. The lower portion has openings on opposite sides for power wires and ramps on the other two sides for telephone/data wires. Power wires run inside tube and attach to duplex receptacle. Telephone/data wires run outside of tube and pass through grommet(s) in the cover

Before installing lower part of voltage separation unit, cut off the same amount from the tube as you cut off the box. Complete the installation of the carpet flange, duplex receptacle and cover



A80**FLOOR BOXES****FOR CONCRETE POUR - NONMETALLIC**

RACO FLOOR BOXES

Applications

- Used in branch circuit wiring
- Accommodate wiring devices for various receptacles
- Permit access to conductors for maintenance

General Features

- RACO® nonmetallic floor box has been engineered from the inside out with features that reduce installation time and offer increased capabilities from one box in power, voice, and data
- Hubbell nonmetallic floor boxes are economical to install and easy to level off
- A wide choice of cover materials and finishes are available
- 3" minimum pour depth

Low Voltage Divider Features

- Installs inside 5511 floor box for multi-service applications. Use separate conduit runs for power and voice/data cables
- Accepts Hubbell standard duplex receptacles or 15A Twist Lok® duplex receptacles (HBL 4700 series)
- Power capacity — 19.60 cubic inches plus 2.40 cubic inches per inch of tube

Adapter Ring Features

- Required for each 5511 floor box (accepts plastic and metal covers)
- Mechanically fasten adapter to 5511 floor box with included retaining clips and screws. Clips slide into slots in box wall

PVC Floor Box Features

- High-strength rigid non-corrosive PVC construction
- Large capacity box: 100 cubic inches of volume (before cut)
- Molded T-slots permit the adapter ring to be secured to the box no matter where the box has been cut
- One-piece box with pre-molded conduit hubs
- RACO® Y-Adapter permits two parallel feeds of 3/4" conduit, or feed in/out of the same side

Compliance

- 



5511



6234



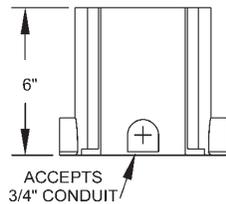
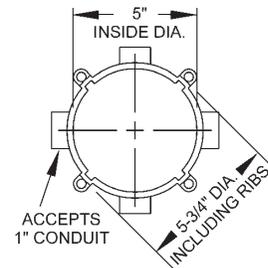
5574



6244

ORDERING INFORMATION - DIMENSIONS**ROUND FLOOR BOX AND ACCESSORIES – NONMETALLIC**

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
5511	19.5 cubic inch capacity per inch of height 2 - 1" & - 3/4" openings. Temporary cover and (4) reducer/closure plugs included.	1	—
6234	Voltage separation unit, optional	10	—
5574	3/4" Y adapter, PVC	10	—
6244	Adapter ring for all nonmetallic and brass flanges	10	—

NONMETALLIC FLOOR BOX

FLOOR BOX KITS, COVERS AND FLANGES

NONMETALLIC/ROUND

Application

- Floor box covers and flanges provide a quick, simple method of completing floor box installation on carpeted floor

Product Features

- Nonmetallic carpet flanges and covers are available in gray or ivory finish
- Covers are outfitted with duplex flaps that automatically close when not in use, preventing breakage and eliminating a potential trip hazard
- Cover design keeps debris out when receptacles are not in use
- Hubbell RACO® carpet flanges and covers install quickly and easily with provide screws
- 3-service floor box cover with duplex flap, two 1/2" diameter low-voltage knockouts. Each low-voltage knockout can accommodate up to (1) 25 pair telephone cable or (1) 50 wire data communications cable.

Note: Brass cover is not 3-service

Compliance

- 



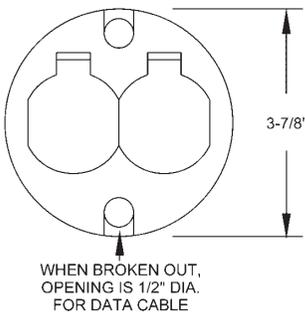
RACO FLOOR BOXES

ORDERING INFORMATION - DIMENSIONS

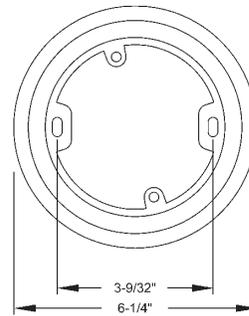
FLOOR BOX COVER ASSEMBLY KITS NONMETALLIC				
CATALOG NUMBER	DESCRIPTION	CARPET FLANGE O.S. DIAMETER	STD. PKG.	UPC BAR CODE
6260	Adapter, nonmetallic ivory carpet flange, ivory duplex cover - Kit	6-1/2"	10	
6299	Adapter, nonmetallic gray carpet flange, Gray duplex cover - Kit	6-1/2"	10	

REPLACEMENT COVERS AND CARPET FLANGES - NONMETALLIC				
CATALOG NUMBER	DESCRIPTION	CARPET FLANGE O.S. DIAMETER	STD. PKG.	UPC BAR CODE
6233	Clear polycarbonate carpet flange	5-1/4"	15	
6245	Ivory nonmetallic duplex cover with lift lids	—	10	—
6268	Gray nonmetallic duplex cover with lift lids	—	10	—
6254	Ivory nonmetallic carpet flange	6-1/4"	10	—
6259	Gray nonmetallic carpet flange	6-1/4"	10	—

REPLACEMENT COVERS



REPLACEMENT CARPET FLANGES



A82

FLOOR BOX COVERS AND FLANGES

BRASS/ROUND

RACO FLOOR BOXES

Application

- Floor box flanges and covers are used to complete floor box installations on either carpet or tile

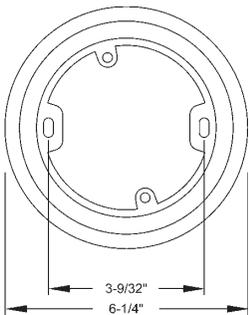
Product Features

- Brass floor box covers are designed to be used with round RACO® carpet and tile flanges and RACO® round full adjustable stamped steel and cast iron floor boxes
- Flanges are designed to be installed to RACO® adapter ring, catalog number 5544
- 6230 is not designed to work with RACO® 5511 nonmetallic floor box
- 6230 and 6235 are not designed to be used with RACO® 6220
- Hubbell RACO® carpet flanges, tile flanges and covers install quickly and easily with provided screws
- Order of installation
 1. Install RACO® floor box
 2. Install nonmetallic adapter ring (if round 5511 nonmetallic box is used)
 3. Install device to box or 5544 adapter
 4. Install carpet or tile flange
 5. Install cover to carpet or tile flange

Compliances

- 
- 

6-1/4" REPLACEMENT CARPET FLANGES



ORDERING INFORMATION - DIMENSIONS

ROUND COVERS, BRASS 3-7/8" DIA.

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
6249	Brass duplex cover with lift lids	40	
6284	Brass duplex cover with 2, 1-1/2" threaded plugs	40	
6285	Brass cover with 2-1/8" x 1" combination plugs	40	
6287	Brass cover with 2-1/8" x 3/4" combination plugs	40	

FLOOR BOX COVER - FLANGE KIT

CATALOG NUMBER	DESCRIPTION	CARPET FLANGE O.S. DIAMETER	STD. PKG.	UPC BAR CODE
6280	Brass carpet flange, adapter and duplex cover	6-1/2"	10	

CARPET FLANGES

CATALOG NUMBER	DESCRIPTION	CARPET FLANGE O.S. DIAMETER	STD. PKG.	UPC BAR CODE
6230	Brass carpet flange, mop-tight	5-1/4"	10	
6235	Brass carpet flange*	6-1/4"	10	

* 6235 not UL Listed

TILE FLANGE

CATALOG NUMBER	DESCRIPTION	TILE FLANGE O.S. DIAMETER	STD. PKG.	UPC BAR CODE
6298	Brass tile/flush application flange	4-3/16"	15	

FLUSH CAP RINGS

CATALOG NUMBER	DESCRIPTION	RING O.S. DIAMETER	STD. PKG.	UPC BAR CODE
6205	Brass, for 1" plug	2-1/8"	30	
6206	Brass, for 3/4" plug	2-1/8"	30	



FLOOR BOXES

FOR WOOD FLOORS

Applications

- RACO® wood floor boxes provide flush service for power or voice/data
- Non-adjustable floor boxes may be used in wood or concrete floors and are suitable for carpet, tile or wood floor applications*

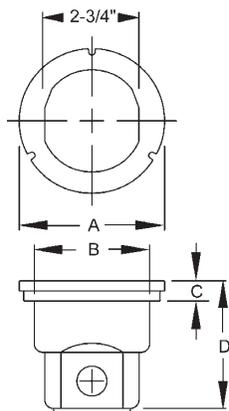
Product Features

- Boxes are non-adjustable
- Cast iron, water-tight
- Gray powder coat paint inside and out for additional corrosion resistance
- 1/2" and 3/4" threaded conduit openings are standard; all bottom openings are accessible
- If floor covering is used, discard included brass flush ring and replace with RACO® 6230 or 6235 brass carpet flange
- RACO® 6220 includes box, 2-1/8" brass flush plug cover, brass tile flange, and 15A, 125V single receptacle (H.W.D part number HBL5258)
- RACO® 6224 includes box, 6249 brass duplex cover with lift lids, and brass tile flange. Receptacle is not included
- RACO® 6223 – for use with any RACO® 3-7/8" diameter brass cover (6249, 6284, 6285, 6287) Cover must be ordered separately, brass tile flange included

Compliance

- 

NON-ADJUSTABLE FLOOR BOX



6220



6224



6223

RACO FLOOR BOXES

ORDERING INFORMATION - DIMENSIONS

SINGLE RECEPTACLE ASSEMBLY					
CATALOG NUMBER	THREADED/HUBS		CU. IN.	STD. PKG.	UPC BAR CODE
	SIDE	BOTTOM			
6220	2-3/4"	1-1/2", 1-3/4"	10.3	4	

DUPLUX RECEPTACLE ASSEMBLY					
CATALOG NUMBER	THREADED/HUBS		CU. IN.	STD. PKG.	UPC BAR CODE
	SIDE	BOTTOM			
6224	—	2-1/2"	18.5	4	

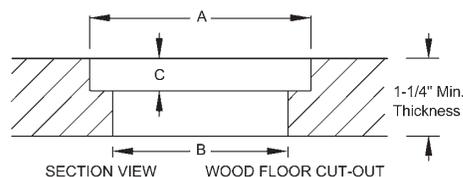
FLOOR BOX					
CATALOG NUMBER	THREADED/HUBS		CU. IN.	STD. PKG.	UPC BAR CODE
	SIDE	BOTTOM			
6223	—	2-1/2"	18.5	4	

DIMENSIONS – CAST IRON FLOOR BOX				
SIZE	A	B	C	D
6223	4.19"	3.39"	0.59"	3.75"
6224	4.19"	3.39"	0.59"	3.75"
6220	3.44"	2.82"	.22"	2.63"

DIMENSIONS – WOOD FLOOR CUT OUT			
SIZE	A	B	C*
6224	4-1/4"	3-7/16"	5/8"
6220	3-5/8"	2-7/8"	7/16"

* If floor covering is used, vary counter bore depth accordingly. Additional bracing may be required

*CUT OUT FOR FLUSH INSTALLATION



NOTE: Minimum floor thickness is 1-1/4". You may need to add support under the floor around the floor box opening.



A84

FLOOR BOX ASSEMBLY FOR WOOD FLOORS

RACO FLOOR BOXES

Applications

- RACO® #5236 and 6236 floor box provide flush service for power
- Non-adjustable floor boxes may be used in wood floors and are suitable for carpet, tile or wood floor applications

Product Features

- Zinc plated steel yoke for corrosion resistance
- Back wiring – clamp-type terminals accepts up to #10 wire
- Side wiring – large brass binding head screw terminals accepts up to #10 wire
- 15A, 125V receptacle
- Floor box assembly cover plate is .058 thick brushed brass
- Brass cover size is 2-3/4" wide x 4-1/2" long
- Floor box (6236 only) is 3.5" deep

Compliance

- 



5236

6236

ORDERING INFORMATION - DIMENSIONS

RECEPTACLE-DISPLAY TYPE FOR USE IN DRY LOCATIONS BRASS PLATE AND THREADED PLUG					
CATALOG NUMBER	KNOCKOUTS/HUBS		CU. IN.	STD. PKG.	UPC BAR CODE
	SIDE	BOTTOM			
5236	—	—	—	6	

FLOOR BOX/PLATE ASSEMBLY/GASKET, BRASS PLATE AND THREADED PLUG FLOOR BOX FOR NON-METALLIC SHEATHED CABLE OR CONDUIT						
CATALOG NUMBER	KNOCKOUTS			CU. IN.	STD. PKG.	UPC BAR CODE
	SIDES CONDUIT	ENDS CABLE	BOTTOM			
6236	4-1/2"	4	1-1/2"	18.0	4	

FLOOR BOXES

FOR CONCRETE POUR - ROUND

Applications

- Round floor boxes provide flush service for power or voice/data
- Floor boxes may be used for carpet or tile floor applications

Cast Iron Floor Boxes

Product Features

- Cast iron, water-tight body, fully-adjustable
- Painted gray powder coat paint inside and out for additional corrosion resistance
- 3/4" threaded conduit openings are standard

Stamped Steel Floor Boxes Product Features

- Stamped steel, concrete-tight, fully-adjustable
- Zinc-coated finish
- 1/2", 3/4", 1" and 1-1/4" knockouts; all bottom knockouts are accessible

General Product Features

- Brass tile flange provided with box
- RACO® 6230 or 6235 carpet flange must be ordered separately (included brass tile ring must be discarded before installing carpet flange)
- RACO® 6249, 6284, 6285, or 6287 brass cover must be ordered separately
- Interior and exterior leveling screws permit adjustment to meet finished floor
- Disposable concrete cap to prevent the entry of concrete during pour included

Compliances

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- 



6255, 6257



6261, 6263

RACO FLOOR BOXES

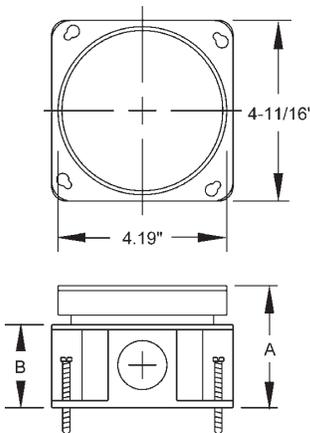
ORDERING INFORMATION - DIMENSIONS

FULLY-ADJUSTABLE FLOOR BOX STAMPED STEEL								
CATALOG NUMBER	KNOCKOUTS/HUBS		MIN. DEPTH OF POUR	BEFORE POUR EXT. HT. ADJUST.	AFTER POUR INT. FINAL ADJUST.	CU. IN.	STD. PKG. CODE	UPC BAR
	SIDE	BOTTOM						
6255	2-1/2", 2-3/4"	3-1/2", 2-1", 2-1-1/4"	4"	1.25"	.38"	54.0	4	
6257	6-1/2", 4-3/4"	3-1/2"	3"	1.25"	.38"	37.3	4	

FULLY-ADJUSTABLE FLOOR BOX CAST IRON								
CATALOG NUMBER	KNOCKOUTS/HUBS		MIN. DEPTH OF POUR	BEFORE POUR EXT. HT. ADJUST.	AFTER POUR INT. FINAL ADJUST.	CU. IN.	STD. PKG. CODE	UPC BAR
	SIDE	BOTTOM						
6261	4-3/4"	—	3-3/4"	1.25"	.38"	33.0	4	
6263	4-3/4"	—	3"	1.25"	.38"	30.0	4	

DIMENSIONS				
	SHALLOW		DEEP	
	6263 (CAST)	6257 (STEEL)	6261 (CAST)	6255 (STEEL)
MIN. "A"	2.81"	2.91"	3.09"	3.88"
MAX. "A"	3.19"	3.29"	3.47"	4.26"
"B"	1.69"	1.69"	1.94"	2.71"

ADJUSTABLE FLOOR BOX



A86

FLOOR BOXES

FOR CONCRETE POUR - RECTANGULAR

RACO FLOOR BOXES

Applications

- RACO® rectangular series floor boxes are ideally suited for heavy floor traffic applications, such as malls, department stores, banks and schools
- Floor boxes are installed in poured concrete floors and are fed with conduit
- RACO® floor boxes are used in branch circuit wiring

Cast Iron Floor Boxes

Product Features

- Cast iron, water-tight body, fully-adjustable
- Gray powder coat paint inside and out for additional corrosion resistance
- 3/4" threaded conduit openings are standard

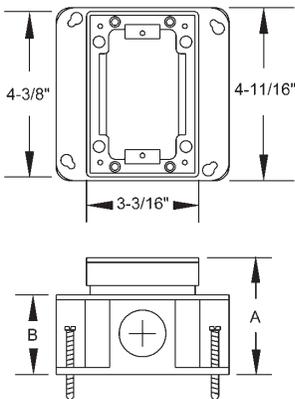
Stamped Steel Floor Boxes Product Features

- Stamped steel, concrete-tight, fully-adjustable
- Zinc-coated finish

General Product Features

- Brass tile flange provided with box
- RACO® 6292 or 6295 carpet flange must be ordered separately
- RACO® 6250, 6288, 6289, or 6291 brass cover must be ordered separately
- Disposable concrete cap to prevent the entry of concrete during pour included
- Interior and exterior leveling screws permit adjustment to meet finished floor

SINGLE-GANG



Compliances

- UL
- SR



6256, 6258



6262, 6264

ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG FLOOR BOX – FULLY-ADJUSTABLE, STAMPED STEEL								
CATALOG NUMBER	KNOCKOUTS		MIN. DEPTH OF POUR	BEFORE POUR EXT. HT. ADJUST.	AFTER POUR INT. FINAL ADJUST.	CU. IN.	STD. PKG.	UPC BAR CODE
	SIDE*	BOTTOM						
6256	2-1/2", 2-3/4" 2-1", 2-1-1/4"	3-1/2", 2-3/4"	4"	1.25"	.38"	54.0	4	
6258	6-1/2", 4-3/4"	3-1/2", 2-3/4"	3"	1.25"	.38"	37.3	4	

SINGLE-GANG FLOOR BOX – FULLY-ADJUSTABLE, CAST IRON								
CATALOG NUMBER	THREADED/HUBS		MIN. DEPTH OF POUR	BEFORE POUR EXT. HT. ADJUST.	AFTER POUR INT. FINAL ADJUST.	CU. IN.	STD. PKG.	UPC BAR CODE
	SIDE	BOTTOM						
6262	4-3/4"	—	3-3/4"	1.25"	.38"	33.0	4	
6264	4-3/4"	—	3"	1.25"	.38"	30.0	4	

DIMENSIONS				
	SHALLOW		DEEP	
	6264 (CAST)	6258 (STEEL)	6262 (CAST)	6256 (STEEL)
MIN. "A"	2.88"	2.81"	3.19"	3.90"
MAX. "A"	3.26"	3.19"	3.57"	4.28"
"B"	1.81"	1.81"	2.06"	2.83"

- * 6256 One 1" and one 3/4" knockouts on opposite sides
One 1-1/4" and one 1/2" knockouts on opposite ends
- * 6258 One 1/2" and one 3/4" knockouts on opposite ends
Two 1/2" and one 3/4" knockouts on opposite sides



FLOOR BOXES

FOR CONCRETE POUR - RECTANGULAR

Applications

- RACO® rectangular series floor boxes are ideally suited for heavy floor traffic applications, such as malls, department stores, banks and schools
- Floor boxes are installed in poured concrete floors and are fed with conduit
- RACO® multiple-gang rectangular floor box series may be used for both single-service and three-service (power and voice/data) applications
- RACO® floor boxes are used in branch circuit wiring

Product Features

- Cast iron, water-tight body, fully-adjustable
- Gray powder coat paint inside and out for additional corrosion resistance
- Interior and exterior leveling screws permit adjustment to meet finished floor
- Removable partitions included to meet larger capacity requirements on two and three gang boxes
- Disposable concrete cap to prevent the entry of concrete during the pour included
- 3/4" threaded conduit openings are standard
- RACO® 6250, 6288, 6289, or 6291 brass cover must be ordered separately

Compliances

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6269



6275

RACO FLOOR BOXES

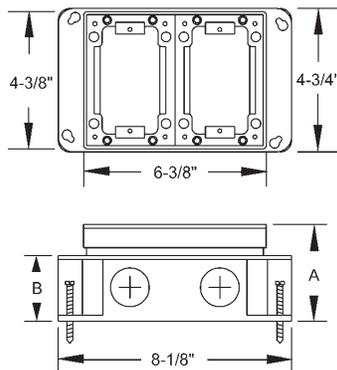
ORDERING INFORMATION - DIMENSIONS

TWO-GANG FLOOR BOX – FULLY-ADJUSTABLE, CAST IRON								
CATALOG NUMBER	THREADED/HUBS		MIN. DEPTH OF POUR	BEFORE POUR EXT. HT. ADJUST.	AFTER POUR INT. FINAL ADJUST.	CU. IN.	STD. PKG.	UPC BAR CODE
	SIDE	BOTTOM						
6269	6-3/4"	—	3-3/4"	1.25"	.63"	36.50 ea. gang	1	—

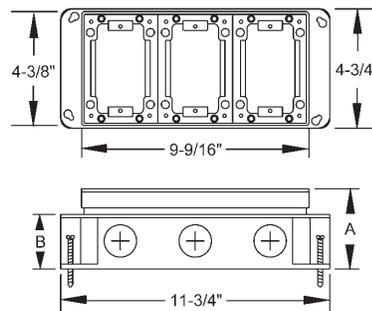
THREE-GANG FLOOR BOX – FULLY-ADJUSTABLE, CAST IRON								
CATALOG NUMBER	THREADED/HUBS		MIN. DEPTH OF POUR	BEFORE POUR EXT. HT. ADJUST.	AFTER POUR INT. FINAL ADJUST.	CU. IN.	STD. PKG.	UPC BAR CODE
	SIDE	BOTTOM						
6275	8-3/4"	—	3-3/4"	1.25"	.63"	34.80 mid. gang 36.50 end gangs	1	—

DIMENSIONS			
	DEEP		
	6269 (CAST)		6275 (CAST)
	MIN. "A"	3.44"	
MAX. "A"	4.07"		4.07"
"B"	2.10"		2.10"

TWO-GANG



THREE-GANG



A88**FLOOR BOX COVERS AND FLANGES****BRASS/RECTANGULAR****RACO FLOOR BOXES****Application**

- Rectangular floor box brass covers and flanges are used to complete floor box installations

Product Features

- Rectangular brass covers are used with RACO® single gang, two gang, and three gang rectangular floor boxes
- Covers are 3" wide x 4-5/32" long
- Cover screw centers are 3-5/32" x 2-1/8"
- Rectangular carpet flanges are available in brass or clear polycarbonate

Compliances

- 
- 



6292, 6295



6293, 6296



6294, 6297



6250



6288



6289, 6291

ORDERING INFORMATION - DIMENSIONS

RECTANGULAR FLOOR BOX BRASS COVERS			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
6250	Brass duplex cover with lift lids	40	
6288	Brass duplex cover with 2, 1-1/2" threaded plugs	40	
6289	Brass cover with 2-1/8" x 1" combination plugs	40	
6291	Brass cover with 2-1/8" x 3/4" combination plugs	40	

RECTANGULAR CLEAR POLYCARBONATE AND BRASS CARPET FLANGES			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
6292	1-Gang brass	20	
6295	1-Gang clear polycarbonate	10	
6293	2-Gang brass	10	—
6296	2-Gang clear polycarbonate	10	—
6294	3-Gang brass	10	
6297	3-Gang clear polycarbonate	15	—

FLOOR BOXES

ACCESSORIES AND REPLACEMENT COVERS

Applications

- Brass abandon plugs are sold separately for replacement in brass covers
- Split nozzle for 2-1/8" threaded cover consists of interlocking halves that provide a protective housing when assembled. The nozzle may be easily installed without removing an electrical plug from cord. Nozzle is brass colored plastic



6208, 6209,
6225, 6226



6228



6237



6238

RACO FLOOR BOXES

ORDERING INFORMATION - DIMENSIONS

ABANDON PLUGS – BRASS					
CATALOG NUMBER	DESCRIPTION	THREAD TYPE	FITS RACO® BRASS COVER	STD. PKG.	UPC BAR CODE
6209	3/4" Crowned, Slotted Plug	—	6287, 6291	30	
6225	1" Crowned, Slotted Plug	—	6285, 6289	25	
6226	1-1/2" Flush Slotted Plug	Fine	6284, 6288	25	
6208	2-1/8" Flush Slotted Plug	Fine	6284, 6288	30	
6206	2-1/8" Flush Cap Ring for 3/4" Plug	—	6287, 6291	30	
6205	2-1/8" Flush Cap Ring for 1" Plug	—	6285, 6289	30	

REPLACEMENT COVER FLANGE & ADJUSTABLE COLLARS			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
6228	Rectangular cover flange	15	—
6237	Rectangular single-gang replacement adjustable collar	10	—
6238	Round replacement adjustable collar	4	—

A90

FLOOR BOXES

SERVICE PEDESTALS AND ACCESSORIES

RACO FLOOR BOXES

Service Pedestals Applications

- RACO® above-the-floor service pedestals satisfy most service requirements
- These are the traditional metallic pedestals, offered as component parts to satisfy any combination of power or voice/data requirements

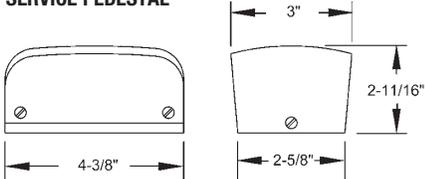
Product Features

- Service pedestal housing die cast aluminum frame, aluminum housing
- Stainless steel faceplates

Pedestal Capacity Chart

- (Power or voice/data devices) In certain cases, the pedestal will accommodate two receptacles. In other cases, a device may be too deep, and the maximum capacity is one receptacle

SERVICE PEDESTAL



Compliance

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ORDERING INFORMATION - DIMENSIONS

LOW-PROFILE SERVICE PEDESTAL HOUSING - SINGLE SERVICE FOR POWER OR VOICE/DATA			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
6300	Frame housing, 3/4" chase nipple, w/o plates	4	
6301	Frame housing, 1" chase nipple, w/o plates	4	

Create your own pedestal to meet specific service requirements
Order housing, face plates separately

FACE PLATES			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
6310	Rectangular cover flange	25	
6311	Telephone bushing with 1.00" ID and (2) 3/8" KO for coaxial	25	
6312	Single receptacle plate with 1.39" opening	25	
6313	Duplex receptacle plate	25	
6314	Decorator style receptacle plate	25	
6315	Aluminum plate with 1.11" KO	25	

VOICE/DATA COMBINATIONS			
MAX. NO. OF RECPT.	RECEPTACLE TYPE	PLATE(S) QTY.	REQUIRED RACO® CATALOG NUMBER
1	Duplex jack outlet	1	6313, 6310
1	Decorator style of telephone outlet	1	6314, 6310
2	Decorator style of coaxial outlet	2	6314
0	Bushed opening	1	6311, 6310

POWER COMBINATIONS			
MAX. NO. OF RECPT.	RECEPTACLE TYPE	PLATE(S) QTY.	REQUIRED RACO® CATALOG NUMBER
2	Duplex receptacles	2	6313
1	GFI receptacle	1	6314, 6310
1	Surge duplex receptacle	1	6314, 6310
2	Decorator receptacles	2	6314
2	Single receptacles	2	6312



RACO® Commercial Fittings



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

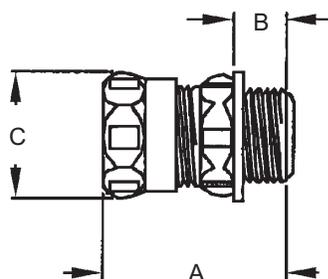
- For use in wet locations to bond and secure EMT conduit to a box or enclosure
- RACO® Raintight Steel EMT Compression Fittings have been designed to comply with the new U.L. Raintight test requirements and to comply with the requirements of the 2008 NEC 358.42 and 314.15

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

RACO COMMERCIAL
FITTINGS



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

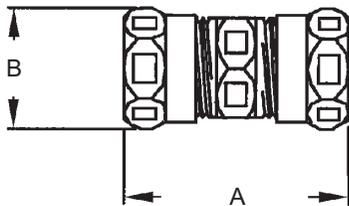
- For use in wet locations to couple two ends of EMT conduit
- RACO® Raintight Steel EMT Compression Fittings have been designed to comply with the new U.L. Raintight test requirements and to comply with the requirements of the 2008 NEC 358.42 and 314.15

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

- cUL_{us} - 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

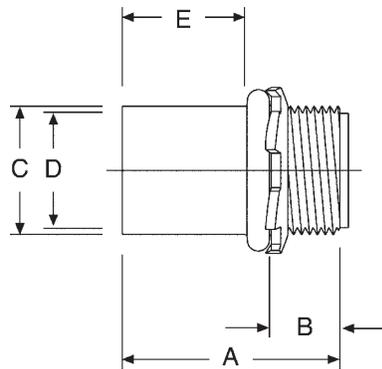
ORDERING INFORMATION - DIMENSIONS

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	—



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

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



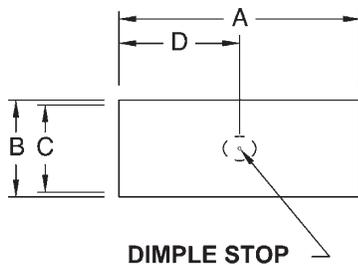
Couplings
Steel



Replacement
Points



Indenter 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

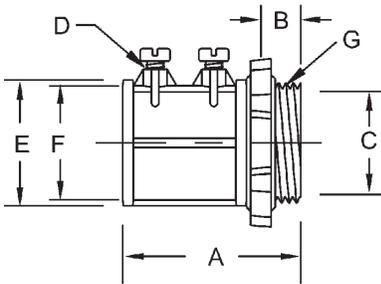
- For use in dry locations to bond EMT conduit to a box or enclosure
- RACO® die cast set screw connectors provide concrete-tight connections when taped
- RACO® set screw connectors are suitable for applications above 600V

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



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

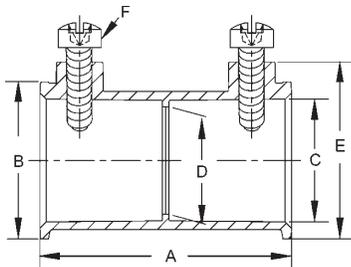
CATALOG NUMBER	A	B	C	D	E	F
2622	1-1/2"	59/64"	23/32"	41/64"	1-3/64"	10-24 x 5/16"
2623	1-7/8"	1-9/64"	15/16"	55/64"	1-15/64"	10-24 x 5/16"
2624	2"	1-27/64"	1-3/16"	1-7/64"	1-17/32"	10-24 x 5/16"
2625	2-1/2"	1-53/64"	1-17/32"	1-7/16"	1-63/64"	12-24 x 3/8"
2626	2-7/8"	2-1/16"	1-49/64"	1-43/64"	2-13/64"	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

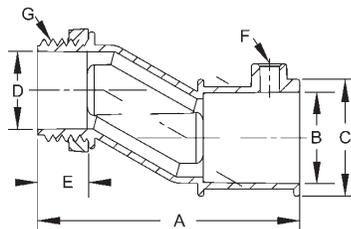
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1762	1/2"	—	50	—
1763	3/4"	—	25	—

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



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..



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

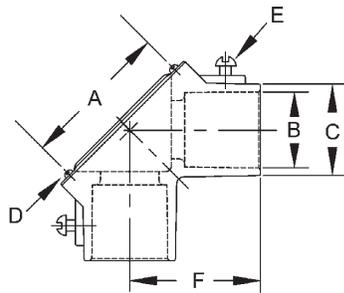


90 Degree Handy Ells
Die Cast Zinc Couplings

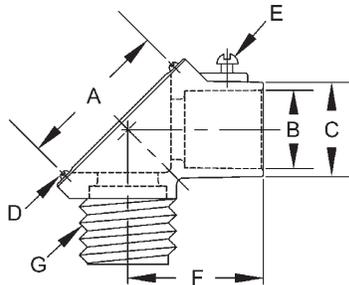


90 Degree Handy Ells
Die Cast Zinc Connectors

RACO COMMERCIAL
FITTINGS



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

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

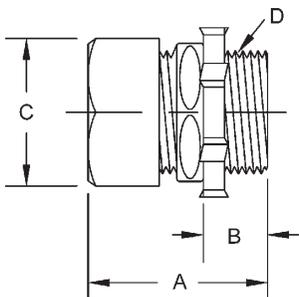
-  - Standard 514B
-  - C22.2 # 18



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

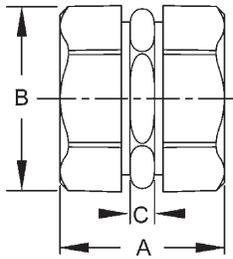
- For use to couple two ends of EMT conduit
- RACO® compression couplings are suitable for applications above 600V
- RACO® 1/2" to 4" couplings provide concrete-tight connections

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



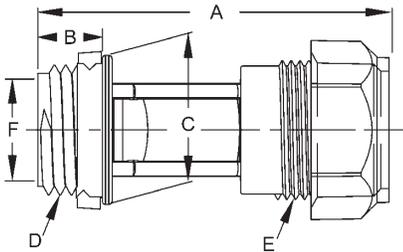
**OFFSET CONNECTORS
DIE CAST ZINC**

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"



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

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



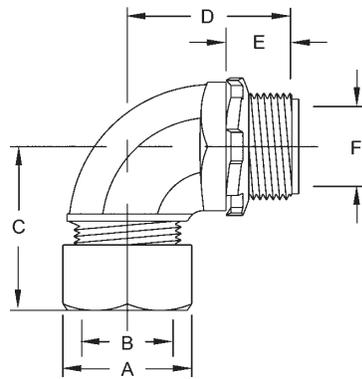
90 Degree Short Angle Connectors
Malleable Iron

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"



- 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.



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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

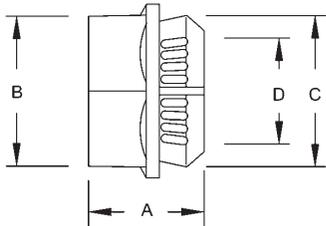
- Use RACO® Cat. Nos. 1352-1354 when coupling threaded rigid/IMC conduit to EMT

Steel Combination Couplings Product Features

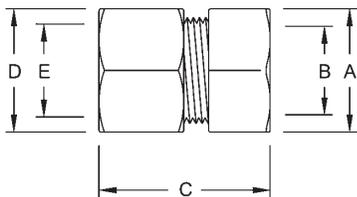
- Rugged metallic construction insures mechanical protection
- All steel components are zinc electro plated for corrosion protection

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

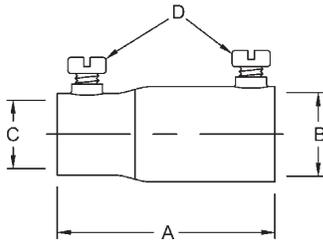
- Use RACO® Cat. Nos. 1432-1434 when coupling unthreaded rigid/IMC to EMT

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



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

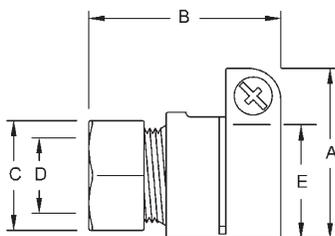
- Use RACO® Cat. Nos. 1941-1943 or Cat. Nos. 1482-1484 when coupling flexible metal conduit to EMT

Product Features

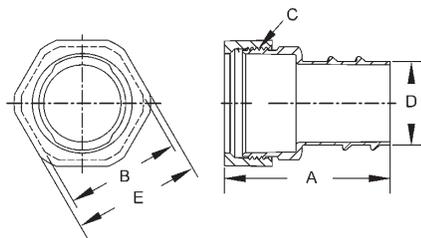
- Rugged metallic construction insures mechanical protection
- All steel/malleable components are zinc electro plated for corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for an attractive presentation

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"



EMT FITTINGS

MALLEABLE IRON - CLAMPBACKS

Applications

- For use with RACO® 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

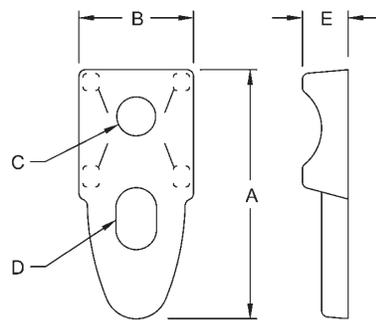
Product Features

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



Clampbacks
Malleable Iron

RACO COMMERCIAL FITTINGS



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

ORDERING INFORMATION - DIMENSIONS

CLAMPBACKS - MALLEABLE IRON					
CATALOG NUMBER	RIGID/IMC SIZE	EMT SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

DIMENSIONS					
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"



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EMT FITTINGS

STEEL - STRAPS

RACO COMMERCIAL FITTINGS

Application

- For use in mounting EMT conduit

Product Features

- All steel construction insures 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 electro plated for corrosion protection

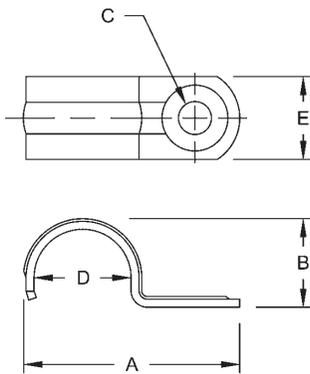


ONE HOLE PUSH-ON STRAPS
STAMPED STEEL

ORDERING INFORMATION - DIMENSIONS

ONE HOLE PUSH-ON STRAPS STAMPED - STEEL

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



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

DIMENSIONS

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"



EMT FITTINGS

STEEL - STRAPS

Application

- For use in mounting EMT conduit

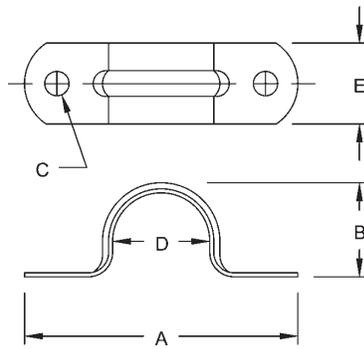
Product Features

- All steel construction insures mechanical protection
- Oversized bolt holes make alignment of the fastener(s) quick and easy
- All straps are zinc electro plated for corrosion protection



Two Hole Straps
Stamped Steel

RACO COMMERCIAL
FITTINGS



ORDERING INFORMATION - DIMENSIONS

TWO HOLE STRAPS STAMPED - STEEL

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

DIMENSIONS

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"

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EMT FITTINGS

MALLEABLE AND STEEL - STRAPS

RACO COMMERCIAL FITTINGS

Malleable-Straps Application

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

Steel – Straps Application

- For use in mounting EMT conduit

Malleable – Straps Product Features

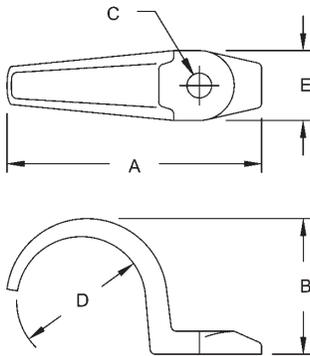
- All malleable construction insures mechanical protection
- Oversized bolt holes make alignment of the fastener quick and easy
- All straps are zinc electro plated for corrosion protection

Steel-Straps Product Feature

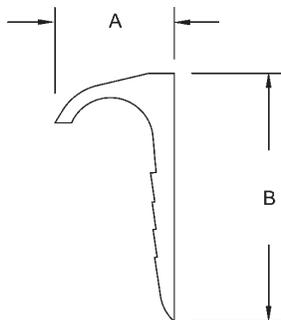
- Stamped steel straps are pregalvanized for added corrosion protection

Steel-Straps Compliance

-  us – (2252-2253)



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



A = Width of strap
 B = Height of strap



One Hole Straps
Malleable Iron



Nail-up Straps
Stamped Steel

ORDERING INFORMATION - DIMENSIONS

ONE HOLE STRAPS - MALLEABLE IRON

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1310	2-1/2"	—	10	—
1312	3"	—	10	—
1314	3-1/2"	—	5	—
1316	4"	—	5	—

DIMENSIONS

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"

NAIL-UP STRAPS STAMPED - STEEL

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2252	1/2"	100	1000	—
2253	3/4"	100	1000	—
2254	1"	100	1000	—

DIMENSIONS

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"



RIGID AND IMC FITTINGS

STEEL - SET SCREW CONNECTORS

Applications

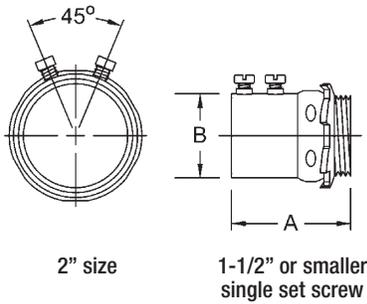
- For use in dry locations to bond unthreaded rigid/IMC conduit to a box or enclosure
- RACO® steel set screw connectors are suitable for concrete-tight applications when taped

Production Features

- All steel construction insures 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 electro plated for corrosion protection

Compliance

-  – Standard 514B



A = Overall length
B = Body O.D.



Insulated Throat Connectors
Steel



Uninsulated Connectors
Steel

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

SET SCREW CONNECTORS - STEEL					
UNINSULATED CONNECTOR CATALOG NUMBER	INSULATED CONNECTOR CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
3002	—	1/2"	—	25	—
3003	—	3/4"	—	25	—
3004	—	1"	—	10	—
3005	—	1-1/4"	—	5	—
3006	—	1-1/2"	—	5	—
3008	—	2"	—	5	—
2140	2160	2-1/2"	—	5	—
2142	2162RAC	3"	—	1	—
2144	2164	3-1/2"	—	1	—
2146	2166	4"	—	1	—

DIMENSIONS			
INSULATED CONNECTOR CATALOG NUMBER	A	B	THD. 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



B26**RIGID AND IMC FITTINGS****STEEL - SET SCREW COUPLINGS****RACO COMMERCIAL
FITTINGS****Applications**

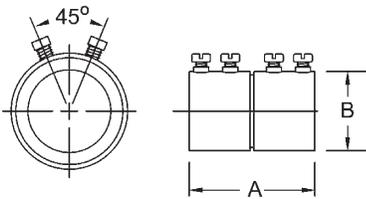
- For use in dry locations to couple two ends of unthreaded rigid/IMC conduit
- RACO® steel set screw couplings are suitable for concrete-tight applications when taped

Production Features

- All steel construction insures 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 electro plated for corrosion protection

Compliance

-  - Standard 514B



2-1/2" - 4" SIZES
2 SET SCREWS
45° BOTH ENDS

1" OR SMALLER
1-SCREW BOTH ENDS

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



Couplings
Steel

ORDERING INFORMATION - DIMENSIONS

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

DIMENSIONS		
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	2-3/16"	2"
3026	2-5/8"	2-1/4"
3028	2-3/4"	2-3/4"

RIGID AND IMC FITTINGS

STEEL/MALLEABLE IRON - COMPRESSION CONNECTORS

Applications

- For use to bond unthreaded rigid/IMC conduit to a box or enclosure
- RACO® 1/2" to 4" connectors and couplings provide concrete-tight connectors

Product Features

- All steel/malleable construction insures mechanical protection for the raceway
- Hex compression nuts assure easy wrench installation
- All components are zinc electro plated for corrosion protection

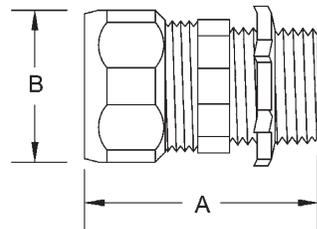
Compliances

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



Uninsulated Connectors
Steel/Malleable Iron

RACO COMMERCIAL FITTINGS



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

ORDERING INFORMATION - DIMENSIONS

UNINSULATED CONNECTORS - STEEL/MALLEABLE IRON				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1802	1/2"	—	25	—
1803	3/4"	—	25	—
1804	1"	—	10	—
1805	1-1/4"	—	5	—
1806	1-1/2"	—	5	—
1808	2"	—	5	—
1810	2-1/2"	—	5	—
1812	3"	—	1	—
1814	3-1/2"	—	1	—
1816	4"	—	1	—

DIMENSIONS			
CATALOG NUMBER	A	B	THD. SPEC.
1802	1-11/32"	1-11/64"	1/2"-14 NPS
1803	1-31/64"	1-7/16"	3/4"-14 NPS
1804	1-37/64"	1-3/4"	1"-11-1/2 NPS
1805	1-55/64"	2-5/32"	1-1/4"-11-1/2 NPS
1806	1-15/16"	2-3/8"	1-1/2"-11-1/2 NPS
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



B28**RIGID AND IMC FITTINGS****STEEL/MALLEABLE IRON - COMPRESSION COUPLINGS****RACO COMMERCIAL
FITTINGS****Applications**

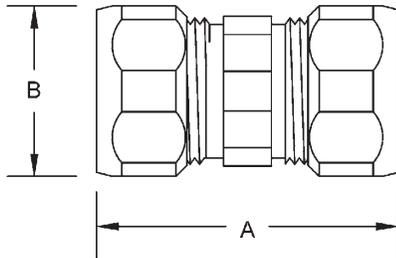
- For use to couple two ends of un-threaded rigid/IMC conduit
- RACO® 1/2" to 4" couplings provide concrete-tight connectors

Product Features

- All steel/malleable construction insures mechanical protection for the raceway
- Hex compression nuts assure easy wrench installation
- All components are zinc electro plated for corrosion protection

Compliances

-  – Standard 514B
-  – C22.2 #18



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



Couplings
Steel/Malleable Iron

ORDERING INFORMATION - DIMENSIONS**COUPLINGS - STEEL/MALLEABLE IRON**

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

DIMENSIONS

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"

RIGID AND IMC FITTINGS

MALLEABLE - SHORT ELBOWS

Applications

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

Product Features

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

Compliance

-  - Standard 514B



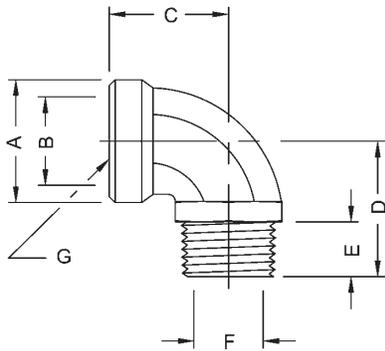
90 Degree Short Elbows
Malleable Iron

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

90 DEGREE SHORT ELBOWS - MALLEABLE IRON				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1722	1/2"	—	50	—
1723	3/4"	—	25	—

DIMENSIONS							
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



B30

RIGID AND IMC FITTINGS

DIE CAST - HANDY ELLS

RACO COMMERCIAL FITTINGS

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 Feature

- Gasket and cover included

Compliance

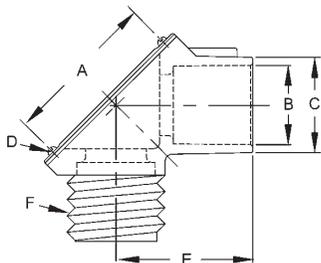
-  - Standard 514B
-  - C22.2 #18



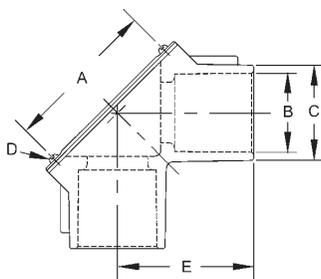
90 Degree Handy Ells
Threaded Connectors
Die Cast Zinc



90 Degree Handy Ells
Threaded Couplings
Die Cast Zinc



- 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



- A = Distance between cover screws
- B = Threaded hub
- C = Body O.D.
- D = Screw size and length
- E = Length to end of body

ORDERING INFORMATION - DIMENSIONS

90 DEGREE HANDY - ELLS THREADED CONNECTORS - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2662	1/2"	10	100	—
2663	3/4"	5	50	—
2664RAC	1"	—	25	—

DIMENSIONS

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

90 DEGREE HANDY - ELLS THREADED COUPLINGS - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2652	1/2"	10	100	—
2653	3/4"	5	50	—
2654	1"	—	25	—
2655	1-1/4"	—	20	—

DIMENSIONS

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"



RIGID AND IMC FITTINGS

MALLEABLE IRON - HINGED COUPLINGS

Applications

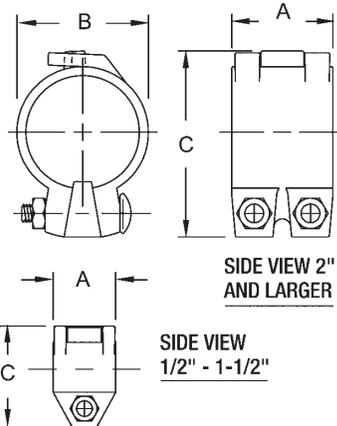
- For use on threaded rigid/IMC conduit
- Ideal for coupling runs of conduit that are closely spaced, where conduit is tight against a wall, or where conduit cannot be turned
- RACO hinged couplings provide concrete-tight connections

Product Features

- All malleable construction insures mechanical protection for the raceway
- Unique tongue-in-groove design speeds installation
- All components are zinc electroplated for corrosion protection

Compliance

-  - Standard 514B



A = Width
B = Diameter
C = Length



Hinged Couplings
Malleable Iron

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

90 DEGREE SHORT ELBOWS - MALLEABLE IRON				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1468	2"	—	5	—
1470	2-1/2"	—	2	—
1472	3"	—	2	—
1474	3-1/2"	—	1	—
1476	4"	—	1	—
1477	5"	—	2	—
1478	6"	—	1	—

DIMENSIONS			
CATALOG NUMBER	A	B	C
1468	2"	2-5/8"	3-7/8"
1470	3-1/16"	3-1/8"	4-3/4"
1472	3-3/16"	3-7/8"	5-7/16"
1474	3-5/16"	3-3/8"	5-15/16"
1476	3-3/8"	3-15/16"	6-11/16"
1477	3-1/2"	5"	7-15/16"
1478	4"	6-1/8"	9-7/16"

B32**RIGID AND IMC FITTINGS****STEEL - THREE-PIECE COUPLINGS****RACO COMMERCIAL
FITTINGS****Applications**

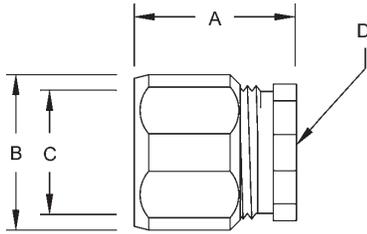
- For use with threaded rigid/IMC conduit
- Use three-piece couplings to couple conduit ends when the conduit cannot be turned
- RACO® three-piece couplings provide concrete-tight connections

Product Features

- All steel construction insures mechanical protection of the raceway
- All components are zinc electro plated for corrosion protection

Compliance

- 



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



Three-piece Couplings
Steel

ORDERING INFORMATION - DIMENSIONS**THREE-PIECE COUPLINGS - STEEL**

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—
1520	5"	—	1	—
1524	6"	—	1	—

DIMENSIONS

CATALOG NUMBER	A	B	C	D THD. 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
1524	4-17/64"	8-1/16"	6-1/2"	6"- 8 NPT

RIGID AND IMC FITTINGS

STEEL COMBINATION COUPLINGS

Applications

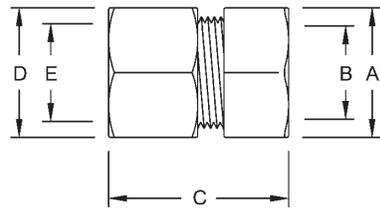
- For use when coupling rigid / IMC to EMT
- Use RACO® Cat. Nos. 1352-1354 when coupling threaded rigid/IMC conduit to EMT
- Use RACO® Cat. Nos. 1432-1434 when coupling unthreaded rigid/IMC to EMT

Product Features

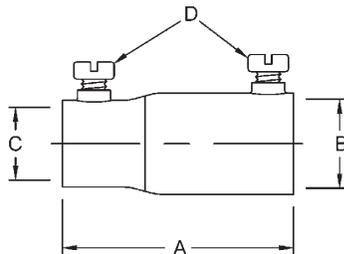
- All steel construction insures mechanical protection
- All components are zinc electro plated for corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for an attractive presentation

Compliance

-  – Standard 514B (1352-1354 only)



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



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



Rigid – EMT Couplings
 Threaded/Compression
 Steel



Rigid – EMT Couplings Set Screw
 Steel

RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

RIGID – EMT 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"	1-7/16"	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"

RIGID – EMT 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	3-1/16"	1-21/64"	1-11/64"	1/4-28 x 3/8" Pan Head
1434-8	3-1/16"	1-21/64"	1-11/64"	1/4-28 x 3/8" Pan Head



B34**RIGID AND IMC FITTINGS****MALLEABLE COMBINATION COUPLINGS****RACO COMMERCIAL
FITTINGS****Application**

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

Product Features

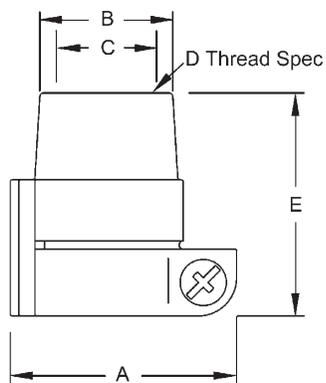
- All malleable construction insures mechanical protection
- All components are zinc electro plated for corrosion protection

Compliance

- 



Rigid – Flex Couplings
Threaded/Compression
Steel



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

ORDERING INFORMATION - DIMENSIONS**RIGID – FLEX COUPLINGS - MALLEABLE IRON SQUEEZE/THREADED**

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1552	1/2"	25	100	—
1553	3/4"	—	25	—
1554	1"	—	25	—

DIMENSIONS

CATALOG NUMBER	A	B	C	D THD. 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"

RIGID AND IMC FITTINGS

DIE CAST - THREADED HUBS

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

Compliances

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

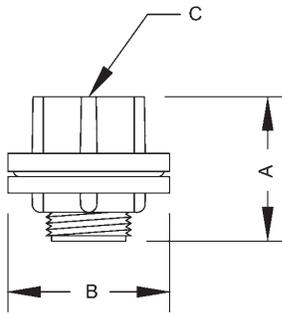


Threaded Hubs Insulated Throat
Die Cast Zinc

RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

THREADED HUBS INSULATED THROAT - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—



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

DIMENSIONS			
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



B36

RIGID AND IMC FITTINGS

STEEL - REDUCING BUSHINGS

RACO COMMERCIAL FITTINGS

Application

- 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

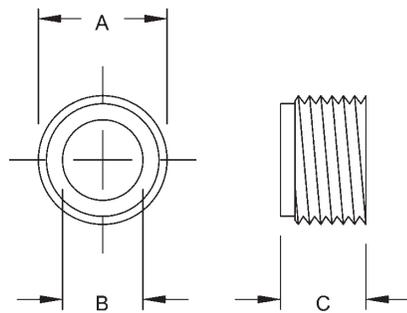
- Rugged steel construction insures mechanical protection of the raceway
- Zinc electro plated for corrosion protection

Compliance

-  US



Reducing Bushings
Steel



A = O.D./thread size
B = Throat I.D./thread size
C = Thickness

ORDERING INFORMATION - DIMENSIONS

REDUCING BUSHINGS - STEEL

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

DIMENSIONS

CATALOG NUMBER	A	THD. SPEC.	B	THD. 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"



RIGID AND IMC FITTINGS

IRON - REDUCING BUSHINGS

Application

- 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 insures mechanical protection of the raceway
- Zinc electro plated for corrosion protection

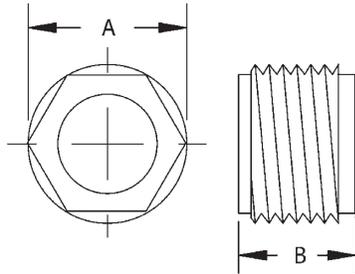
Compliance

-  US



Reducing Bushings
Iron

RACO COMMERCIAL
FITTINGS



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

ORDERING INFORMATION - DIMENSIONS

REDUCING BUSHINGS - IRON				
CATALOG NUMBER	TRADE SIZE CTN. QTY.	UNIT CTN. QTY.	SHIP BAR CODE	UPC
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	—

DIMENSIONS				
CATALOG NUMBER	A	THD. SPEC. O.D.	B	THD. SPEC. I.D.
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

B38**RIGID AND IMC FITTINGS****STEEL-LOCKNUTS****RACO COMMERCIAL
FITTINGS****Application**

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

Product Features

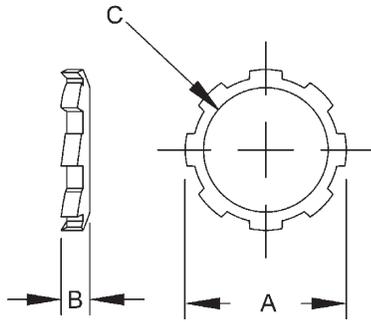
- All steel construction insures mechanical protection
- Zinc electro plated for corrosion protection

Compliances

-  – Standard 514B
-  – C22.2 #18



Locknuts
Steel



A = O.D.
B = Thickness
C = Thread size

ORDERING INFORMATION - DIMENSIONS

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

DIMENSIONS			
CATALOG NUMBER	A	B	C THD. SPEC.
1001	7/8"	5/32"	3/8"-18 NPT
1002	1-9/64"	5/32"	1/2"-14 NPT
1003	1-27/64"	11/64"	3/4"-14 NPT
1004	1-49/64"	13/64"	1"-11-1/2 NPT
1005	2-9/32"	7/32"	1-1/4"-11-1/2 NPT
1006	2-19/32"	7/32"	1-1/2"-11-1/2 NPT
1008	3-11/64"	15/64"	2"-11-1/2 NPT
1010	3-9/16"	3/8"	2-1/2"- 8 NPT
1012	4-1/4"	3/8"	3"- 8 NPT
1014	4-13/16"	3/8"	3-1/2"- 8 NPT
1016	5-13/32"	3/8"	4"- 8 NPT
1020	6-43/64"	1/2"	5"- 8 NPT
1024	7-15/16"	9/16"	6"- 8 NPT

RIGID AND IMC FITTINGS

STEEL - LOCKNUTS

Application

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

Product Features

- All steel construction insures mechanical protection
- Zinc electro plated for corrosion protection

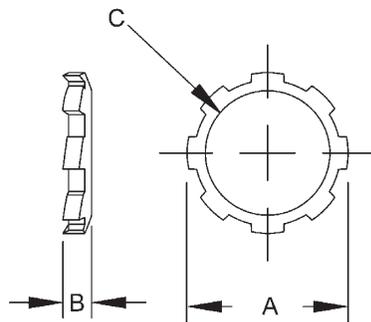


Non-UL Locknuts
Steel

**RACO COMMERCIAL
FITTINGS**

ORDERING INFORMATION - DIMENSIONS

NON - UL LOCKNUTS - STEEL				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—



A = O.D.
B = Thickness
C = Thread size

DIMENSIONS			
CATALOG NUMBER	A	B	C THD. SPEC.
1192	1-1/8"	9/64"	1/2"-14 NPT
1193	1-25/64"	5/32"	3/4"-14 NPT
1194	1-23/32"	3/16"	1"-11-1/2 NPT
1195	2-1/16"	13/64"	1-1/4"-11-1/2 NPT
1196	2-3/8"	13/64"	1-1/2"-11-1/2 NPT
1198	2-57/64"	13/64"	2"-11-1/2 NPT
1197	3-15/32"	15/64"	2-1/2"- 8 NPT
1199	4-3/16"	15/64"	3"- 8 NPT
1200	4-11/16"	15/64"	3-1/2"- 8 NPT
1201	5-9/32"	15/64"	4"- 8 NPT



B40**RIGID AND IMC FITTINGS****STEEL - BONDING LOCKNUTS****RACO COMMERCIAL
FITTINGS****Applications**

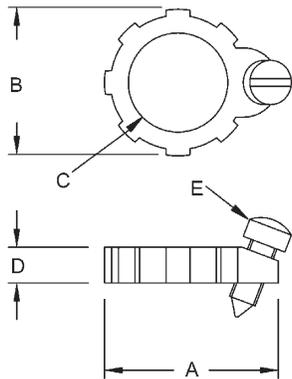
- For use on threaded rigid/IMC conduit
- Use bonding locknuts when additional locking and grounding connections are required in applications where severe vibration is encountered

Product Features

- All steel construction insures mechanical protection
- Zinc electro-plated for corrosion protection

Compliances

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



A = Overall length
 B = O.D.
 C = Thread size
 D = Thickness
 E = Screw spec



Bonding Locknuts
Steel

ORDERING INFORMATION - DIMENSIONS**BONDING LOCKNUTS - STEEL**

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

DIMENSIONS

CATALOG NUMBER	A	B	C THD. 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"

RIGID AND IMC FITTINGS

STEEL - SEALING LOCKNUTS

Applications

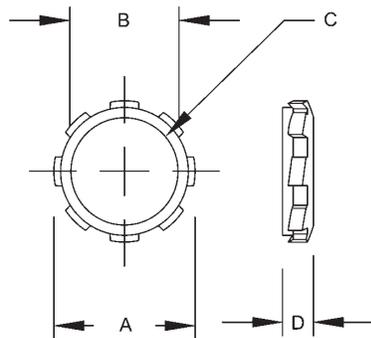
- For use with threaded rigid/IMC conduit to provide a liquidtight seal against water and oil
- RACO® sealing locknuts may be used with either sheet metal or cast enclosures

Product Features

- Fused-in-place gasket guarantees a liquidtight seal
- Use a RACO® sealing locknut as an economical alternative to a threaded enclosure connector
- All steel construction insures mechanical protection
- Zinc electro plated for corrosion protection

Compliances

-  – Standard 514B (1202-1210)
-  – C22.2 #18 (1202-1211)



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



Sealing Locknuts
Steel

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

SEALING LOCKNUTS - STEEL				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

DIMENSIONS				
CATALOG NUMBER	A	B	C THD. 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"

B42**RIGID AND IMC FITTINGS****MALLEABLE IRON - BUSHINGS****RACO COMMERCIAL
FITTINGS****Applications**

- For use on threaded rigid/IMC conduit
- Bushings provide a smoothly rounded surface at the entrance of raceways

Product Features

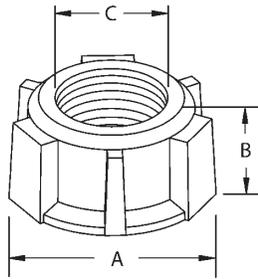
- Malleable iron construction insures mechanical protection
- Zinc electro plated for corrosion protection

Compliances

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



Bushings
Malleable Iron



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

ORDERING INFORMATION - DIMENSIONS**BUSHINGS – MALLEABLE IRON**

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

DIMENSIONS

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"

RIGID AND IMC FITTINGS

POLYPROPYLENE - INSULATED BUSHINGS

Applications

- For use on threaded rigid/IMC conduit
- Bushings provide a smoothly rounded surface at the entrance of raceways

Product Feature

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

Compliances

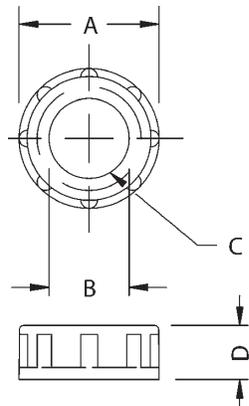
-  – Standard 514B
-  – C22.2 #18



INSULATING BUSHINGS
POLYPROPYLENE

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS



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

INSULATING BUSHINGS - POLYPROPYLENE				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

DIMENSIONS				
CATALOG NUMBER	A	B	C THD. 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"



B44**RIGID AND IMC FITTINGS****MALLEABLE IRON - INSULATED BUSHINGS****RACO COMMERCIAL
FITTINGS****Application**

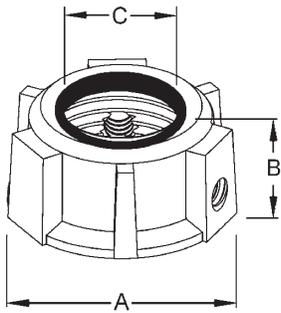
- For use on threaded rigid/IMC conduit to provide a smoothly rounded surface at the entrance of raceways

Product Features

- Insuliner temperature rated at 150° C
- Malleable construction insures mechanical protection for the raceway
- Zinc electro plated for corrosion protection

Compliances

-  – Standard 514B
-  – C22.2 #18



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



Insulated Bushings
Malleable Iron

ORDERING INFORMATION - DIMENSIONS**INSULATED BUSHINGS - MALLEABLE IRON**

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1132	1/2"	—	100	—
1133	3/4"	—	50	—
1134	1"	—	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	—

DIMENSIONS

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"

RIGID AND IMC FITTINGS

MALLEABLE IRON - INSULATED GROUNDING BUSHINGS

Application

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

Product Features

- Lay-in lug style provides 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 at 150° C
- Malleable construction insures mechanical protection for the raceway
- Zinc electro plated for corrosion protection

Compliances

-  – Standard 514B
-  – C22.2 #18



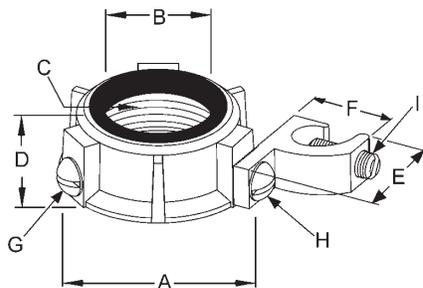
Insulated Grounding Bushings – Lay-in Lug
Malleable Iron

RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

INSULATED GROUNDING BUSHINGS – LAY-IN LUG – MALLEABLE IRON						
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	GROUNDING WIRE CAPACITY		UPC BAR CODE
				MIN.	MAX.	
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 Str.	# 250 MCM	—
1296	4"	—	5	# 6 Str.	# 250 MCM	—

DIMENSIONS									
CATALOG NUMBER	A	B	C	D	E	F	G SET SCREW	H PAN HEAD SCREW	I SET SCREW
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"



- 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



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RIGID AND IMC FITTINGS

MALLEABLE IRON - INSULATED GROUNDING BUSHINGS

RACO COMMERCIAL FITTINGS

Application

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

Product Features

- Feed-thru lug style provides 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 at 150° C
- Malleable construction insures mechanical protection for the raceway
- Zinc electro plated for corrosion protection

Compliances

-  – Standard 514B
-  – C22.2 #18



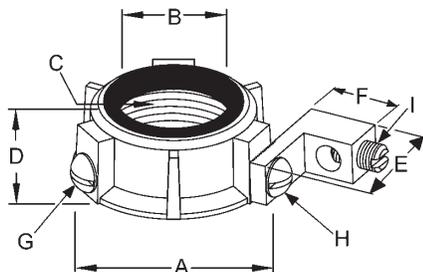
Insulated Grounding Bushings – Feed-Thru Lug
Malleable Iron

ORDERING INFORMATION - DIMENSIONS

INSULATED GROUNDING BUSHINGS – FEED-THRU LUG – MALLEABLE IRON						
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	GROUNDING WIRE CAPACITY		UPC BAR CODE
				MIN.	MAX.	
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 Str.	# 250 MCM	—
1236	4"	—	5	#6 Str.	# 250 MCM	—

DIMENSIONS

CATALOG NUMBER	A	B	C	D	E	F	G SET SCREW	H PAN HEAD SCREW	I SET SCREW
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



RIGID AND IMC FITTINGS

MALLEABLE IRON - 150° C INSULATED GROUNDING BUSHINGS

Application

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

Product Features

- Lay-In style of grounding allows for easy insertion of grounding connector
- Dual rated aluminum grounding lugs may be used with copper or aluminum grounding conductors
- Insuliner temperature rated at 150° C will not soften or become dislodged during wire pulling
- Malleable construction insures mechanical protection for the raceway
- Zinc electro plated for corrosion protection

Compliances

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



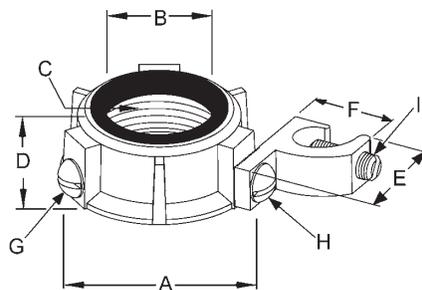
Insulated Grounding Bushings – Lay-In Lug Malleable Iron

RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

150°C INSULATED GROUNDING BUSHINGS – LAY-IN LUG - MALLEABLE IRON						
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	GROUNDING WIRE CAPACITY		UPC BAR CODE
				MIN.	MAX.	
1262	1/2"	—	100	#14 Sol.	# 4 Str.	—
1263	3/4"	—	100	#14 Sol.	# 4 Str.	—
1264	1"	—	50	#14 Sol.	# 4 Str.	—
1265	1-1/4"	—	25	#14 Sol.	# 4 Str.	—
1266	1-1/2"	—	25	#14 Sol.	# 2 Str.	—
1267	2"	—	10	#14 Sol.	# 2 Str.	—
1268	2-1/2"	—	10	#14 Sol.	# 1/0	—
1270	3"	—	5	#14 Sol.	# 1/0	—
1272	3-1/2"	—	5	#6 Str.	# 250 MCM	—
1274	4"	—	5	#6 Str.	# 250 MCM	—

DIMENSIONS									
CATALOG NUMBER	A	B	C	D	E	F	G SET SCREW	H PAN HEAD SCREW	I SET SCREW
1262	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"
1263	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"
1264	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"
1265	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"
1266	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"
1267	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"
1268	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"
1270	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"
1272	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"
1274	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"



- A = O.D. across corners
- 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



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RIGID AND IMC FITTINGS

STEEL - STRAPS

RACO COMMERCIAL FITTINGS

Applications

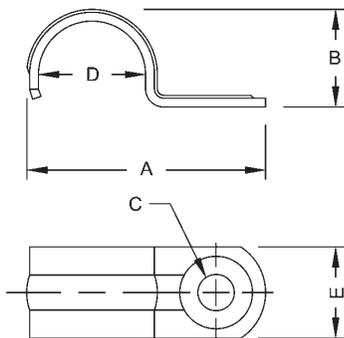
- For use in mounting rigid/IMC conduit in wet or dry locations
- RACO® Rigid/IMC conduit straps are suitable for use on liquidtight flexible metal conduit and liquidtight flexible nonmetallic conduit (type B)

Product Features

- All steel construction insures 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 electro plated for corrosion protection



ONE HOLE PUSH-ON STRAPS
STAMPED STEEL



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

ORDERING INFORMATION - DIMENSIONS

ONE HOLE PUSH-ON STRAPS - STAMPED STEEL

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

DIMENSIONS

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"



RIGID AND IMC FITTINGS

MALLEABLE IRON - STRAPS

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

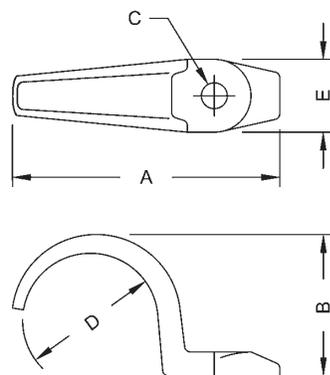
- All malleable construction insures mechanical protection
- All straps are zinc electro plated for corrosion protection



One Hole Straps
Malleable Iron

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS



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

ONE HOLE STRAPS - MALLEABLE IRON

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

DIMENSIONS

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"

B50

RIGID AND IMC FITTINGS

STEEL - STRAPS

RACO COMMERCIAL FITTINGS

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 steel construction insures mechanical protection
- All straps are zinc electro plated for corrosion protection

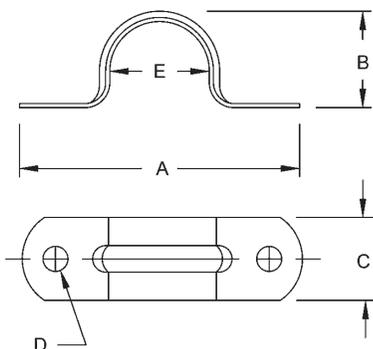


TWO HOLE STRAPS
STAMPED STEEL

ORDERING INFORMATION - DIMENSIONS

TWO HOLE STRAPS - STAMPED STEEL

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



A = Overall length
 B = Overall height
 C = Strap width
 D = Hole diameter
 E = Diameter

DIMENSIONS

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"
2246-2	12-9/64"	6-19/32"	1-1/4"	21/32"	7"



RIGID AND IMC FITTINGS

MALLEABLE IRON - CLAMP BACKS

Applications

- For use with RACO® 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

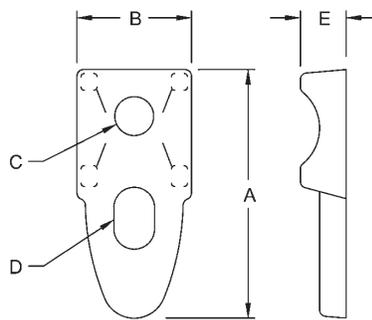
Product Features

- All malleable construction insures durability and mechanical protection
- Elongated bolt holes make alignment with straps easy
- Zinc electro plated for corrosion protection



Clamp Backs
Malleable Iron

RACO COMMERCIAL
FITTINGS



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

ORDERING INFORMATION - DIMENSIONS

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

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"

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LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

STEEL/MALLEABLE IRON - STRAIGHT CONNECTORS

RACO COMMERCIAL FITTINGS

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
- RACO® liquidtight connectors are suitable for use in Class 1, Division 2; Class 2, Division 1 and 2; and Class 3, Division 1 and 2 hazardous locations

Product Features

- Patented 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® 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 electro plated 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
- **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

Compliances

-  — Standard 514B
-  — C22.2 #18



Straight - Insulated
Steel/Malleable Iron



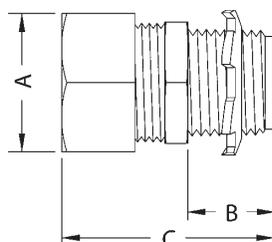
Straight - Uninsulated
Steel/Malleable Iron

ORDERING INFORMATION - DIMENSIONS

STRAIGHT - INSULATED AND UNINSULATED - STEEL/MALLEABLE IRON					
INSULATED IRON CATALOG NUMBER	UNINSULATED IRON CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
3511RAC*	—	3/8"	25	100	—
—	3401*	3/8"	50	200	—
—	3401-8*	3/8"	1	15	
3512RAC	3402	1/2"	50	200	—
3512-8	3402-8	1/2"	1	15	
3513RAC	3403	3/4"	25	100	—
3513-8	3403-8	3/4"	1	10	
3514RAC	3404	1"	—	10	—
3514-8	3404-8	1"	1	5	
3515RAC	3405	1-1/4"	—	10	—
3516	3406	1-1/2"	—	5	—
3518	3408	2"	—	5	—
3520	3410	2-1/2"	—	1	—
3522	3412	3"	—	1	—
3524	3414	3-1/2"	—	1	—
3526	3416	4"	—	1	—

*1/2" Trade size hub

DIMENSIONS				
TRADE SIZE	A	B	THD. SPEC.	C
3/8"	1-1/16"	1/2"	1/2"-14 NPT	1-29/64"
1/2"	1-3/16"	1/2"	1/2"-14 NPT	1-15/32"
3/4"	1-13/32"	9/16"	3/4"-14 NPT	1-31/64"
1"	1-45/64"	19/32"	1"-11-1/2 NPT	1-51/64"
1-1/4"	2-3/16"	43/64"	1-1/4"-11-1/2 NPT	1-7/8"
1-1/2"	2-13/32"	47/64"	1-1/2"-11-1/2 NPT	2-11/64"
2"	3-1/32"	21/32"	2"-11-1/2 NPT	2-9/32"
2-1/2"	3-5/8"	1"	2-1/2"- 8 NPT	3-5/16"
3"	3-3/8"	1-3/64"	3"- 8 NPT	3-1/2"
3-1/2"	3-31/32"	1-1/8"	3-1/2"- 8 NPT	3-5/8"
4"	5-35/64"	1-5/32"	4"- 8 NPT	3-5/8"



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



LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

MALLEABLE IRON - 45 DEGREE 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
- RACO® liquidtight connectors are suitable for use in Class 1, Division 2; Class 2, Division 1 and 2; and Class 3, Division 1 and 2 hazardous locations

Product Features

- Patented 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

Compliances

-  – Standard 514B
-  – C22.2 #18



45 Degree Insulated
Malleable Iron



45 Degree Uninsulated
Malleable Iron

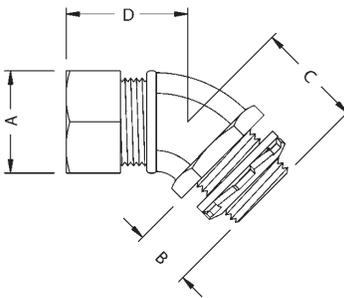
RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

45 DEGREE - INSULATED AND UNINSULATED- MALLEABLE IRON					
INSULATED IRON CATALOG NUMBER	UNINSULATED IRON CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC 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	—

*1/2" Trade size hub

DIMENSIONS					
TRADE SIZE	A	B	THD. SPEC.	C	D
3/8"	1-1/16"	17/32"	1/2"-14 NPT	1-3/8"	1-1/32"
1/2"	1-3/16"	9/16"	1/2"-14 NPT	1-1/4"	1-1/16"
3/4"	1-13/32"	19/32"	3/4"-14 NPT	1-21/32"	1-3/16"
1"	1-45/64"	5/8"	1"-11-1/2 NPT	1-21/32"	1-13/32"
1-1/4"	2-3/16"	23/32"	1-1/4"-11-1/2 NPT	1-13/16"	1-1/2"
1-1/2"	2-3/8"	47/64"	1-1/2"-11-1/2 NPT	2"	1-9/16"
2"	3-1/32"	49/64"	2"-11-1/2 NPT	2-3/8"	1-3/4"



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



B54

LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

MALLEABLE IRON - 90 DEGREE CONNECTORS

RACO COMMERCIAL FITTINGS

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
- RACO® liquidtight connectors are suitable for use in Class 1, Division 2; Class 2, Division 1 and 2; and Class 3, Division 1 and 2 hazardous locations

Product Features

- Patented 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 electro plated 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
- **Bodies** - 3/8" to 4" Malleable Iron
- **Nuts** - 3/8" to 1" Steel
1-1/4" to 4" Malleable Iron

Compliances

- – Standard 514B
- – C22.2 #18



90 DEGREE INSULATED
MALLEABLE IRON



90 DEGREE - UNINSULATED
MALLEABLE IRON

ORDERING INFORMATION - DIMENSIONS

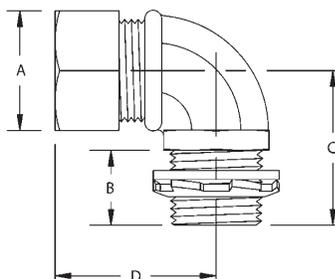
90 DEGREE - INSULATED AND UNINSULATED- MALLEABLE IRON

INSULATED IRON CATALOG NUMBER	UNINSULATED IRON CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
3541RAC*	3421*	3/8"	25	100	—
—	3421-8*	3/8"	1	15	
3542	3422	1/2"	25	100	—
3542-8	3422-8	1/2"	1	15	
3543	3423	3/4"	25	100	—
3543-8	3423-8	3/4"	1	10	
3544	3424	1"	—	10	—
3544-8	3424-8	1"	1	5	
3545	3425	1-1/4"	—	10	—
3546	3426	1-1/2"	—	5	—
3548	3428	2"	—	5	—
3550	3430	2-1/2"	—	1	—
3552	3432	3"	—	1	—
3556	3436	4"	—	1	—

*1/2" Trade size hub

DIMENSIONS

TRADE SIZE	A	B	THD. SPEC.	C	D
3/8"	1-3/64"	35/64"	1/2"-14 NPT	1-3/8"	1-7/16"
1/2"	1-11/64"	9/16"	1/2"-14 NPT	1-13/32"	1-5/8"
3/4"	1-13/32"	37/64"	3/4"-14 NPT	1-5/8"	1-7/8"
1"	1-45/64"	41/64"	1"-11-1/2 NPT	1-15/16"	2-1/8"
1-1/4"	2-3/16"	21/32"	1-1/4"-11-1/2 NPT	2-1/64"	2-1/4"
1-1/2"	2-13/32"	49/64"	1-1/2"-11-1/2 NPT	2-1/4"	2-5/8"
2"	3-1/32"	3/4"	2"-11-1/2 NPT	2-15/32"	3"
2-1/2"	3-45/64"	1-1/32"	2-1/2"- 8 NPT	3-11/32"	5"
3"	4-13/32"	1-1/16"	3"- 8 NPT	4-25/32"	5-7/16"
4"	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



LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

STEEL/MALLEABLE IRON - STRAIGHT CONNECTORS, 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
- RACO® grounding liquidtight connectors are suitable for use in Class 1, Division 2; Class 2, Division 1 and 2; and Class 3, Division 1 and 2 hazardous locations

Product Features

- Patented 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® 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 electro plated 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

Compliances

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



Straight - Insulated
With Ground Lug
Steel/Malleable Iron

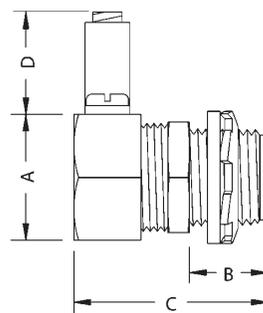
RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

STRAIGHT - INSULATED WITH GROUND LUG STEEL/MALLEABLE IRON						
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP CTN. QTY.	GROUNDING WIRE CAPACITY		UPC BAR CODE
				MIN.	MAX.	
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	—

*1/2" Trade size hub

DIMENSIONS					
TRADE SIZE	A	B	THD. SPEC.	C	D
3/8"	1-1/16"	1/2"	1/2"-14 NPT	1-29/64"	25/32"
1/2"	1-3/16"	1/2"	1/2"-14 NPT	1-15/32"	25/32"
3/4"	1-13/32"	9/16"	3/4"-14 NPT	1-31/64"	25/32"
1"	1-45/64"	19/32"	1"-11-1/2 NPT	1-51/64"	25/32"
1-1/4"	2-3/16"	43/64"	1-1/4"-11-1/2 NPT	1-7/8"	25/32"
1-1/2"	2-13/32"	47/64"	1-1/2"-11-1/2 NPT	2-11/64"	25/32"
2"	3-1/32"	21/32"	2"-11-1/2 NPT	2-9/32"	25/32"
2-1/2"	3-5/8"	1"	2-1/2"- 8 NPT	3-5/16"	1-11/64"
3"	3-3/8"	1-3/64"	3"- 8 NPT	3-1/2"	1-11/64"
3-1/2"	3-31/32"	1-1/8"	3-1/2"- 8 NPT	3-5/8"	1-13/16"
4"	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



B56

LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

MALLEABLE IRON - 45 DEGREE CONNECTORS, GROUNDING TYPE

RACO COMMERCIAL FITTINGS

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
- RACO® grounding liquidtight connectors are suitable for use in Class 1, Division 2; Class 2, Division 1 and 2; and Class 3, Division 1 and 2 hazardous locations

Product Features

- Patented split gland-ring is designed to slip onto the conduit quickly, grip the jacket of the conduit, and speed installation, providing a liquidtight 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 electro plated for added corrosion protection
- **Bodies** - 3/8" to 2" Malleable Iron
- **Nuts** - 3/8" to 1" Steel
1-1/4" to 2" Malleable Iron

Compliances

- – Standard 514B
- – C22.2 #18



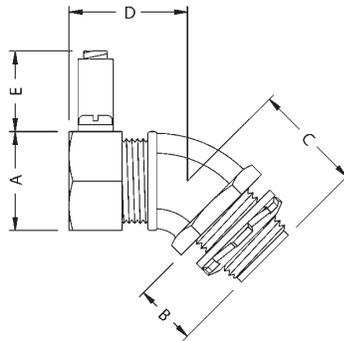
45 Degree - Insulated
With Ground Lug
Malleable Iron

ORDERING INFORMATION - DIMENSIONS

45 DEGREE - INSULATED WITH GROUND LUG STEEL/MALLEABLE IRON						
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP CTN. QTY.	GROUNDING WIRE CAPACITY		UPC BAR CODE
				MIN.	MAX.	
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.	—

*1/2" Trade size hub

DIMENSIONS						
TRADE SIZE	A	B	THD. SPEC.	C	D	E
3/8"	1-1/16"	17/32"	1/2"-14 NPT	1-3/8"	1-1/32"	25/32"
1/2"	1-3/16"	9/16"	1/2"-14 NPT	1-1/4"	1-1/16"	25/32"
3/4"	1-13/32"	19/32"	3/4"-14 NPT	1-21/32"	1-3/16"	25/32"
1"	1-45/64"	5/8"	1"-11-1/2 NPT	1-21/32"	1-13/32"	25/32"
1-1/4"	2-3/16"	23/32"	1-1/4"-11-1/2 NPT	1-13/16"	1-1/2"	25/32"
1-1/2"	2-3/8"	47/64"	1-1/2"-11-1/2 NPT	2"	1-9/16"	25/32"
2"	3-1/32"	49/64"	2"-11-1/2 NPT	2-3/8"	1-3/4"	25/32"



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



LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

MALLEABLE IRON - 90 DEGREE CONNECTORS, 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
- RACO® grounding liquidtight connectors are suitable for use in Class 1, Division 2; Class 2, Division 1 and 2; and Class 3, Division 1 and 2 hazardous locations



90 Degree - Insulated
With Ground Lug
Malleable Iron

Product Features

- Patented split gland-ring is designed to slip onto the conduit quickly, grip the jacket of the conduit, and speed installation, providing a liquidtight 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 electro plated for added corrosion protection
- **Bodies** - 3/8" to 4" Malleable Iron
- **Nuts** - 3/8" to 1" Steel
1-1/4" to 4" Malleable Iron

Compliances

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

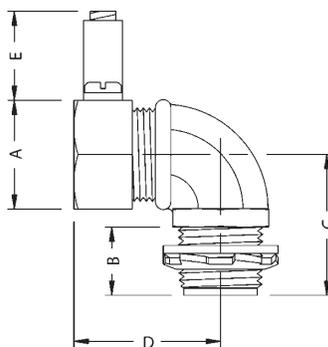
RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

90 DEGREE - INSULATED WITH GROUND LUG STEEL/MALLEABLE IRON						
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP CTN. QTY.	GROUNDING WIRE CAPACITY		UPC BAR CODE
				MIN.	MAX.	
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.	#4 STR.	—
3552-3	3"	—	1	#14 SOL.	#4 STR.	—
3556-3	4"	—	1	#14 SOL.	#4 STR.	—

*1/2" Trade size hub

DIMENSIONS						
TRADE SIZE	A	B	THD. SPEC.	C	D	E
3/8"	1-3/64"	35/64"	1/2"-14 NPT	1-3/8"	1-7/16"	25/32"
1/2"	1-11/64"	9/16"	1/2"-14 NPT	1-13/32"	1-5/8"	25/32"
3/4"	1-13/32"	37/64"	3/4"-14 NPT	1-5/8"	1-7/8"	25/32"
1"	1-45/64"	41/64"	1"-11-1/2 NPT	1-15/16"	2-1/8"	25/32"
1-1/4"	2-3/16"	21/32"	1-1/4"-11-1/2 NPT	2-1/64"	2-1/4"	25/32"
1-1/2"	2-13/32"	49/64"	1-1/2"-11-1/2 NPT	2-1/4"	2-5/8"	25/32"
2"	3-1/32"	3/4"	2"-11-1/2 NPT	2-15/32"	3"	25/32"
2-1/2"	3-45/64"	1-1/32"	2-1/2"- 8 NPT	3-11/32"	5"	1-11/64"
3"	4-13/32"	1-1/16"	3"- 8 NPT	4-25/32"	5-7/16"	1-11/64"
4"	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



B58**LIQUIDTIGHT CONDUIT AND CORD CONNECTORS****STEEL - SEALING WASHERS****RACO COMMERCIAL FITTINGS****Application**

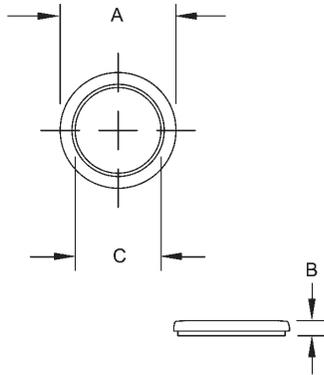
- For use whenever a positive seal is required between the shoulder of a fitting and an enclosure

Product Features

- One-piece construction assures proper installation — no need to worry about aligning multiple components
- Steel ring is zinc electro plated 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

Compliances

-  – Standard 514B
-  – C22.2 #18



A = O.D.

B = Thickness

C = I.D.



Sealing Washers*

ORDERING INFORMATION - DIMENSIONS**SEALING WASHERS***

CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2452	1/2"	50	100	—
2452-8	1/2"	2 per bag	25 bags of 2	
2453	3/4"	25	50	—
2453-8	3/4"	2 per bag	20 bags of 2	
2454	1"	25	50	—
2454-8	1"	2 per bag	10 bags of 2	
2455	1-1/4"	5	25	—
2456	1-1/2"	5	25	—
2458	2"	5	25	—

*One-piece steel ring and neoprene gasket, raintight

DIMENSIONS*

CONDUIT SIZE	A	B	C
1/2"	1-5/64"	5/64"	51/64"
3/4"	1-11/32"	5/32"	1"
1"	1-5/8"	11/64"	1-1/4"
1-1/4"	2"	11/64"	1-39/64"
1-1/2"	2-23/64"	3/16"	1-27/32"
2"	2-53/64"	3/16"	2-5/16"

*Dimensions when ring and gasket are together

LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

NONMETALLIC - TYPE B CONNECTORS

Applications

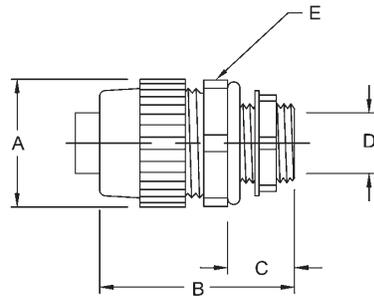
- For use in dry or wet locations when the conduit and fittings are not subject to physical damage
- Use Type B conduit and fittings whenever flexibility is required for installation, operation, or maintenance

Product Features

- All gray nonmetallic construction provides superior corrosion resistance
- Each connector is supplied with a Neoprene o-ring and nylon locknut
- 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
- NEMA Type 4x,12 and 13



STRAIGHT CONNECTORS -
NYLON FOR TYPE B CONDUIT

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

STRAIGHT CONNECTORS - NYLON - FOR TYPE B CONDUIT

CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
4721*	3/8"	—	25	—
4722	1/2"	—	25	—
4722-8	1/2"	1	20	
4723	3/4"	—	25	—
4723-8	3/4"	1	15	
4724	1"	—	10	—
4724-8	1"	1	10	
4725	1-1/4"	—	10	—
4726	1-1/2"	—	5	—
4728	2"	—	5	—

*1/2" Trade size hub

DIMENSIONS

TRADE SIZE	A	B	C	D	E	
					A/C*	A/F**
3/8"	1.14"	1.63"	.57"	.42"	1.41"	1.30"
1/2"	1.30"	2.14"	.57"	.55"	1.41"	1.30"
3/4"	1.53"	2.22"	.58"	.74"	1.85"	1.53"
1"	1.80"	2.32"	.72"	.96"	1.94"	1.80"
1-1/4"	2.20"	2.15"	.74"	1.30"	2.38"	2.18"
1-1/2"	2.49"	2.35"	.76"	1.46"	2.63"	2.43"
2"	3.05"	2.51"	.79"	1.90"	3.13"	2.93"

*A/C=Across corners **A/F=Across flats

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LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

NONMETALLIC - SWIVEL LOK® CONNECTORS FOR TYPE B NONMETALLIC CONDUIT

RACO COMMERCIAL FITTINGS

Swivel Lok® Connectors 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 when flexibility is required for installation, operation, or maintenance

Swivel Lok® Connectors Product Features

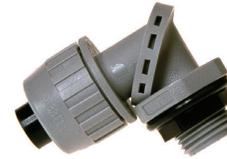
- All gray nonmetallic construction provides superior corrosion resistance
- Each connector is supplied with a Neoprene O-ring and nylon gasket
- Swivel Lok®, multi-position connector (trade sizes 3/8" to 1") twists from 0° to 90°, easing installation in difficult locations and eliminating need to stock 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

Swivel Lok® Connectors Compliances

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



Straight Position



90 Degree Position

SWIVEL LOK® Multi Position Connectors
Nylon For Type B Conduit

ORDERING INFORMATION - DIMENSIONS

SWIVEL LOK® MULTI - POSITION CONNECTORS - NYLON FOR TYPE B CONDUIT

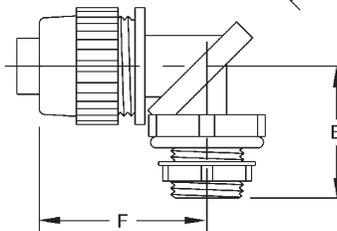
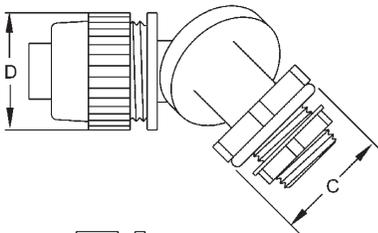
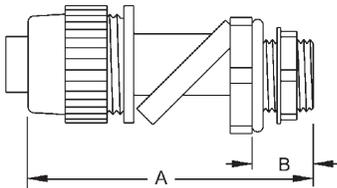
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
4731*	3/8"	—	25	—
4732	1/2"	—	25	—
4732-8	1/2"	1	20	
4733	3/4"	—	25	—
4733-8	3/4"	1	15	
4734	1"	—	10	—
4734-8	1"	1	10	

*1/2" Trade size hub

DIMENSIONS

TRADE SIZE	A	B	C		D	E	F
			A/C*	A/F**			
3/8"	3.27"	.57"	1.41"	1.30"	1.30"	1.43"	2.00"
1/2"	3.27"	.57"	1.41"	1.30"	1.30"	1.43"	2.00"
3/4"	3.66"	.58"	1.65"	1.53"	1.53"	1.59"	2.23"
1"	4.00"	.72"	1.94"	1.80"	1.80"	1.84"	2.30"

*A/C=Across corners **A/F=Across flats



LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

NONMETALLIC - CONNECTORS FOR EXTRA FLEXIBLE TUBING

Applications

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

Product Features

- All black nonmetallic construction provides superior corrosion resistance
- Each connector is supplied with a Neoprene O-ring and nylon gasket

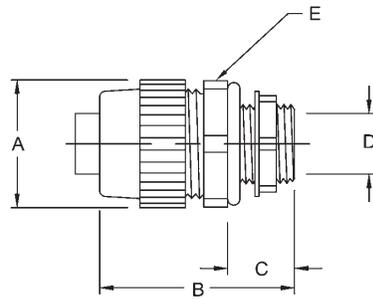
Compliances

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



Straight Connectors
Nylon For Extra Flexible Tubing

RACO COMMERCIAL FITTINGS



ORDERING INFORMATION - DIMENSIONS

STRAIGHT CONNECTORS - NYLON - FOR EXTRA FLEXIBLE TUBING				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
4741*	3/8"	—	25	—
4742	1/2"	—	25	—
4743	3/4"	—	25	—
4744	1"	—	10	—
4745	1-1/4"	—	10	—
4746	1-1/2"	—	5	—
4748	2"	—	5	—

*1/2" Trade size hub

DIMENSIONS - STRAIGHT CONNECTORS - NYLON - FOR EXTRA FLEXIBLE TUBING						
TRADE SIZE	A	B	C	D	E	
					A/C*	A/F**
3/8"	1.14"	1.63"	.57"	.42"	1.41"	1.30"
1/2"	1.30"	2.14"	.57"	.55"	1.41"	1.30"
3/4"	1.53"	2.22"	.58"	.74"	1.85"	1.53"
1"	1.80"	2.32"	.72"	.96"	1.94"	1.80"
1-1/4"	2.20"	2.15"	.74"	1.30"	2.38"	2.18"
1-1/2"	2.49"	2.35"	.76"	1.46"	2.63"	2.43"
2"	3.05"	2.51"	.79"	1.90"	3.13"	2.93"

* A/C=Across corners **A/F=Across flats



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LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

NONMETALLIC - SWIVEL LOK® CONNECTORS FOR EXTRA FLEXIBLE TUBING

RACO COMMERCIAL FITTINGS

Applications

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

Product Features

- All black nonmetallic construction ends metal fatigue and separation problems
- 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

Compliances

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



Straight Position



90 Degree Position

SWIVEL LOK® Multi-purpose
Nylon For Extra Flexible Tubing

ORDERING INFORMATION - DIMENSIONS

SWIVEL LOK® MULTI - POSITION CONNECTORS - NYLON FOR EXTRA FLEXIBLE TUBING

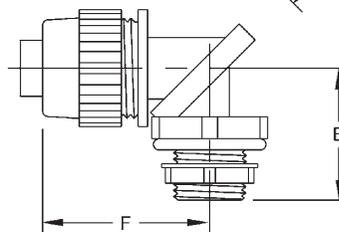
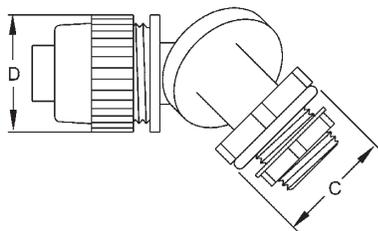
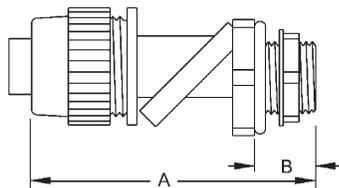
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
4751*	3/8"	—	25	—
4752	1/2"	—	25	—
4753	3/4"	—	25	—
4754	1"	—	10	—

*1/2" Trade size hub

DIMENSIONS

TRADE SIZE	A	B	C		D	E	F
			A/C*	A/F**			
3/8"	3.27"	.57"	1.41"	1.30"	1.30"	1.43"	2.00"
1/2"	3.27"	.57"	1.41"	1.30"	1.30"	1.43"	2.00"
3/4"	3.66"	.58"	1.65"	1.53"	1.53"	1.59"	2.23"
1"	4.00"	.72"	1.94"	1.80"	1.80"	1.84"	2.30"

* A/C=Across corners **A/F=Across flats



LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

STEEL/MALLEABLE IRON - STRAIN RELIEF CORD CONNECTORS

Applications

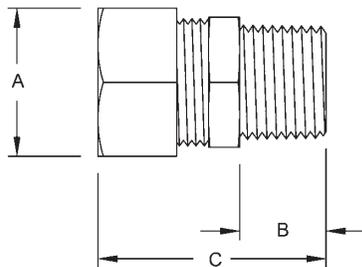
- For use in wet or dry locations to provide a liquidtight and strain relief termination for flexible cord and cable
- RACO® liquidtight strain relief cord connectors are suitable for use in Class 1, Division 2; Class 2, Division 1 and 2; and Class 3, Division 1 and 2 hazardous locations

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 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
- **Bodies** - 3/8" to 1" Steel
1-1/4" to 1-1/2" Malleable Iron
- **Nuts** - 3/8" to 1" Steel
1-1/4" Malleable Iron

Compliance

- 



A = Nut Flats

B = Thread length and thread spec.

C = Overall length



Straight Connectors
Steel - Malleable Iron

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

STRAIGHT CONNECTORS - STEEL - MALLEABLE IRON				
CATALOG NUMBER	CABLE RANGE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1/2" HUBS - FORM 1				
3702-1	.125 -.250	—	25	—
3702-2	.250 -.375	—	25	—
3782-2	.250 -.375	1	15	
3702-3	.375 -.425	—	25	—
3702-4	.425 -.500	—	25	—
1/2" HUBS - FORM 2				
3702-5	.375 -.500	—	25	—
3782-5	.375 -.500	1	15	
3702-6	.500 -.600	—	25	—
3782-6	.500 -.600	1	15	
3/4" HUBS - FORM 3				
3703-1	.250 -.375	—	25	—
3703-2	.375 -.500	—	25	—
3703-3	.500 -.600	—	25	—
3703-4	.600 -.650	—	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	—

DIMENSIONS					
HUB SIZE	FORM SIZE	A	B	THD. 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"

B64**LIQUIDTIGHT CONDUIT AND CORD CONNECTORS****MALLEABLE IRON - 90 DEGREE STRAIN RELIEF CORD CONNECTORS****RACO COMMERCIAL FITTINGS****Applications**

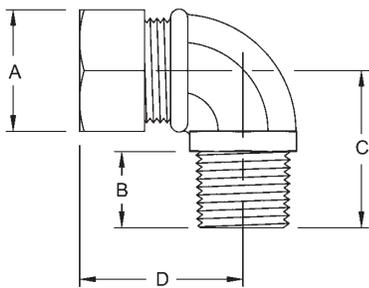
- For use in wet or dry locations to provide a liquidtight and strain relief termination for flexible cord and cable
- RACO® liquidtight strain relief cord connectors are suitable for use in Class 1, Division 2; Class 2, Division 1 and 2; and Class 3, Division 1 and 2 hazardous locations

Product Features

- All steel/malleable construction provides mechanical strength
- Malleable iron castings mate with other components without strain or distortion
- 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 electro plated for corrosion protection
- **Bodies** - 1/2" to 3/4" Malleable Iron
- **Nuts** - 1/2" to 3/4" Steel

Compliance

- cUL_{US}



A = Nut Flats

B = Thread length and thread spec.

C = Thread to bend

D = Nut to bend



90 Degree Connectors
Malleable Iron

ORDERING INFORMATION - DIMENSIONS**90 DEGREE CONNECTORS - MALLEABLE IRON**

CATALOG NUMBER	CABLE RANGE	SHIP CTN. QTY.	UPC BAR CODE
1/2" HUBS - FORM 1			
3792-1	.125 - .250	25	—
3792-2	.250 - .375	25	—
3792-3	.375 - .425	25	—
3792-4	.425 - .500	25	—
1/2" HUBS - FORM 2			
3792-5	.375 - .500	25	—
3792-6	.500 - .600	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	—

DIMENSIONS

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"



LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

NONMETALLIC - STRAIN RELIEF CORD CONNECTORS

Applications

- For use in wet or dry locations to provide a liquidtight and strain relief termination for flexible cord and cable
- Nonmetallic liquidtight strain relief cord connectors are suitable for use in Class 1, Division 2; Class 2, Divisions 1 and 2; and Class 3, Divisions 1 and 2 hazardous locations

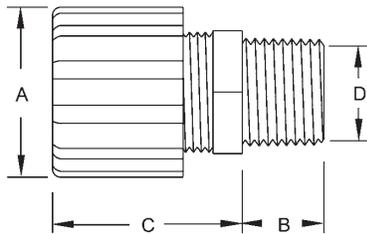
Product Features

- 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

DIAMETER RANGE	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	Grey
1.000-1.125	Pink

Compliances

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



A = Nut O.D.
 B = Thread length
 C = Length to shoulder
 D = Throat I.D.



STRAIGHT CONNECTORS
 NYLON

RACO COMMERCIAL
 FITTINGS

ORDERING INFORMATION - DIMENSIONS

STRAIGHT CONNECTORS - NYLON			
CATALOG NUMBER	CABLE RANGE	SHIP CTN. QTY.	UPC. BAR CODE
1/4" HUBS - FORM 1			
4699-5	.312 -.375	25	—
3/8" HUBS - FORM 1			
4700-5	.312 -.375	25	—
4700-6	.375 -.437	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	—
4704-5	.875 -1.000	10	—
4704-6	1.000 -1.125	10	—

DIMENSIONS					
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"

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LIQUIDTIGHT CONDUIT AND CORD CONNECTORS

ALUMINUM - STRAIGHT STRAIN RELIEF CORD CONNECTORS

RACO COMMERCIAL FITTINGS

Applications

- For use in wet or dry locations to provide a liquidtight and strain relief termination for flexible cord and cable
- Aluminum liquidtight strain relief cord connectors are suitable for use in Class 1, Division 2; Class 2, Divisions 1 and 2; and Class 3, Divisions 1 and 2 hazardous locations

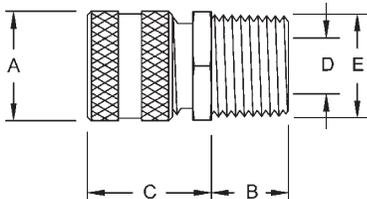
Product Features

- Aluminum construction provides a corrosion-resistant installation
- Patented 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

DIAMETER RANGE	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	Grey
1.000-1.125	Pink

Compliances

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



- A = Nut O.D.
- B = Thread length
- C = Length to shoulder
- D = Throat I.D.
- E = Hex



STRAIGHT CONNECTORS
ALUMINUM

ORDERING INFORMATION - DIMENSIONS

STRAIGHT CONNECTORS - ALUMINUM			
CATALOG NUMBER	CABLE RANGE	SHIP CTN. QTY.	UPC 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	—
4801-1	.125-.187	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	—
4803-3	.250-.375	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	—
4804-1	.500-.625	10	—
4804-2	.625-.750	10	—
4804-3	.750-.875	10	—
4804-4	.875-1.000	10	—
4804-5	1.000-1.125	10	—

DIMENSIONS							
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/F=Across flats



FLEXIBLE METAL CONDUIT FITTINGS

MALLEABLE IRON - STRAIGHT SQUEEZE CONNECTORS

Application

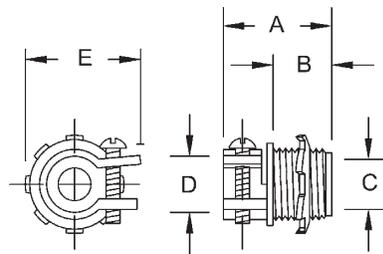
- For use in dry locations to bond flexible metal conduit to a box or enclosure

Product Features

- All malleable construction insures mechanical protection for the raceway
- Electro zinc plated 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

Compliances

- 



A = Overall length

B = Thread length and thread spec

C = Throat I.D.

D = Clamping range

E = Maximum width body



Straight - Squeeze
Insulated
Malleable Iron

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

STRAIGHT - SQUEEZE - INSULATED - MALLEABLE IRON				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
3301	3/8"*	—	50	—
3302	1/2"	—	50	—
3302-8	1/2"	1	25	
3303	3/4"	—	25	—
3303-8	3/4"	1	20	
3304	1"	—	25	—
3304-8	1"	1	5	
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	—

*For 1/2" knockout

DIMENSIONS						
CAT. NO.	A	B	THD. SPEC.	C	D	E
3301	1-1/16"	13/32"	1/2"-14 NPS	.345	.528 - .640	1-23/64"
3302 3302-8	1-23/64"	17/32"	1/2"-14 NPS	.590	.855 - .910	1-5/8"
3303 3303-8	1-15/32"	31/64"	3/4"-14 NPS	.763	1.043 - 1.122	1-15/16"
3304 3304-8	1-11/16"	33/64"	1"-11-1/2 NPT	.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"

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FLEXIBLE METAL CONDUIT FITTINGS

MALLEABLE IRON - STRAIGHT SQUEEZE CONNECTORS

RACO COMMERCIAL FITTINGS

Application

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

Product Features

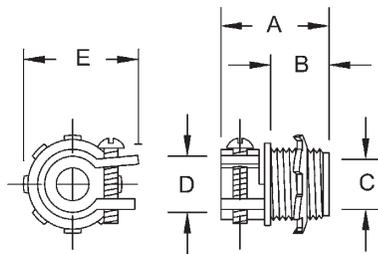
- All malleable construction insures mechanical protection for the raceway
- Electro zinc plated for added corrosion protection
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code and packaged in pre-scored tear top cartons for an attractive presentation

Compliances

- 



SQUEEZE - STRAIGHT
UNINSULATED
MALLEABLE IRON



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

ORDERING INFORMATION - DIMENSIONS

SQUEEZE - STRAIGHT - UNINSULATED - MALLEABLE IRON				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2101	3/8"*	—	50	—
2102	1/2"	—	50	—
2102-8	1/2"	1	25	
2103	3/4"	—	25	—
2103-8	3/4"	1	20	
2104	1"	—	25	—
2104-8	1"	1	5	
2105	1-1/4"	—	25	—
2106	1-1/2"	—	25	—
2108	2"	—	10	—
2110	2-1/2"	—	5	—
2112	3"	—	5	—
2114	3-1/2"	—	1	—
2116	4"	—	1	—

*For 1/2" knockout

DIMENSIONS						
CATALOG NUMBER	A	B	THD. SPEC.	C	D	E
2101	1-1/16"	13/32"	1/2"-14 NPS	.345	.528 - .640	1-23/64"
2102 2102-8	1-33/64"	17/32"	1/2"-14 NPS	.590	.855 - .910	1-5/8"
2103 2103-8	1-15/32"	31/64"	3/4"-14 NPS	.763	1.043 - 1.122	1-15/16"
2104 2104-8	1-11/16"	33/64"	1"-11-1/2 NPT	.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	3.150 MAX.	6-5/8"
2116	5-23/64"	1-39/64"	4"- 8 NPS	3.915	3.500 MAX.	7-15/64"



FLEXIBLE METAL CONDUIT FITTINGS

MALLEABLE IRON - 90 DEGREE SQUEEZE CONNECTORS

Application

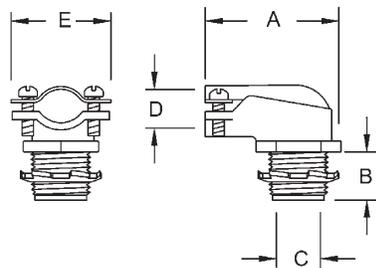
- For use in dry locations to bond flexible metal conduit to a box or enclosure

Product Features

- Malleable construction insures mechanical protection for the raceway
- Electro zinc plated 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

Insulated and Uninsulated Compliances

- 



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



Squeeze
90 Degree - Insulated
Malleable Iron



Squeeze
90 Degree - Uninsulated
Malleable Iron

RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

SQUEEZE 90 DEGREE - INSULATED AND UNINSULATED - MALLEABLE IRON					
INSULATED IRON CATALOG NUMBER	UNINSULATED IRON CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
3201	2201	3/8" *	—	50	—
3202	—	1/2"	—	25	—
—	2202	1/2"	25	100	—
3202-8	2202-8	1/2"	1	25	
3203	2203	3/4"	—	25	—
3203-8	2203-8	3/4"	1	20	
3204	2204	1"	—	25	—
3204-8	2204-8	1"	1	5	
3205	2205	1-1/4"	—	10	—
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	—

* For 1/2" knockout

DIMENSIONS							
CAT. NO. INSULATED	CAT. NO. UNINSLTD.	A	B	THD. 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						
3203	2203	2-1/2"	1/2"	3/4"-14 NPS	.822	.830-1.110	1-31/32"
3203-8	2203-8						
3204	2204	2-27/32"	33/64"	1"-11-1/2 NPS	.950	1.295 MAX	2-11/32"
3204-8	2204-8						
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"



B70**FLEXIBLE METAL CONDUIT FITTINGS****DIE CAST ZINC - STRAIGHT SQUEEZE CONNECTORS****RACO COMMERCIAL
FITTINGS****Application**

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

Product Feature

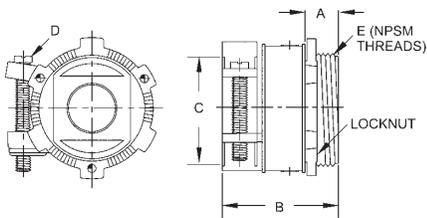
- Rugged metallic construction insures mechanical protection for the raceway

Compliance

-  - Standard 514B
-  - C22.2 #18 (2691-2698)



Straight Squeeze Uninsulated
Die Cast Zinc



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

ORDERING INFORMATION - DIMENSIONS**STRAIGHT SQUEEZE - UNINSULATED - DIE CAST ZINC**

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

* For 1/2" knockout

DIMENSIONS

CATALOG NUMBER	A	B	C	D SCREW SIZE	E THD. SPEC.
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

FLEXIBLE METAL CONDUIT FITTINGS

DIE CAST ZINC - 45 AND 90 DEGREE SQUEEZE CONNECTORS

Application

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

Product Feature

- Rugged metallic construction insures mechanical protection for the raceway

Compliances

-  - Standard 514B (2691-2698)
-  - C22.2 #18 (2691-2698)
-  - (2221-2222)

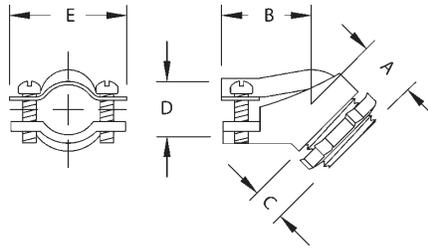


45 Degree Squeeze
Uninsulated Die Cast Zinc

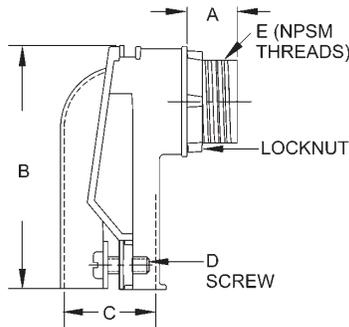


90 Degree Squeeze
Uninsulated Die Cast Zinc

RACO COMMERCIAL FITTINGS



- A = Length to end of fitting
- B = Length to bend
- C = Thread length and thread spec
- D = Clamping range
- E = Maximum width body



- A = Thread length
- B = Overall length
- C = Clamping range
- D = Screw
- E = Thread spec

ORDERING INFORMATION - DIMENSIONS

45 DEGREE SQUEEZE - UNINSULATED - MALLEABLE IRON - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2221	3/8" **	—	25	—
2222	1/2"	—	25	—

** For 1/2" knockout

DIMENSIONS						
CATALOG NUMBER	A	B	C	THD. 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"

90 DEGREE SQUEEZE - UNINSULATED - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
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	—

* For 1/2" knockout

DIMENSIONS						
CATALOG NUMBER	A	B	C		D SCREW SIZE	E THD. SPEC.
			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



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FLEXIBLE METAL CONDUIT FITTINGS

DIE CAST ZINC - SCREW-IN TYPE CONNECTORS AND COUPLINGS

RACO COMMERCIAL FITTINGS

Application

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

Product Feature

- Rugged metallic construction insures mechanical protection for the raceway

Compliance

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



Connectors
Screw-in Uninsulated
Die Cast Zinc



Couplings
Screw-in Insulated
Die Cast Zinc

ORDERING INFORMATION - DIMENSIONS

CONNECTORS - SCREW-IN - UNINSULATED - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2281	3/8" *	50	500	—
2282	1/2"	50	500	—
2283	3/4"	25	250	—

*1/2" Trade size hub

DIMENSIONS

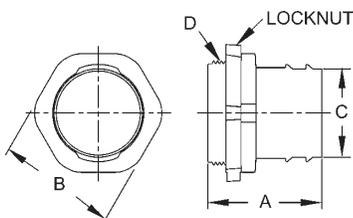
CATALOG NUMBER	A	B	C	D THREAD SPEC.
2281	1-19/64"	59/64"	3/8"	1/2"-14 NPSM
2282	1-3/8"	59/64"	5/8"	1/2"-14 NPSM
2283	1-5/8"	1-1/8"	53/64"	3/4"-14 NPSM

COUPLINGS - SCREW-IN - DIE CAST ZINC

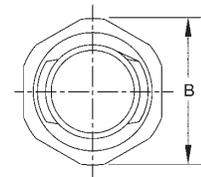
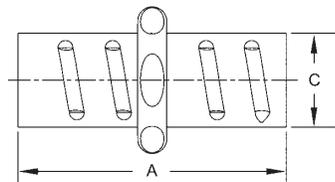
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2272	1/2"	50	500	—
2273	3/4"	25	250	—

DIMENSIONS

CATALOG NUMBER	A	B	C
2272	1-51/64"	31/32"	5/8"
2273	2-7/64"	1-7/32"	53/64"



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



A = Overall length
B = Dia. across corners
C = Body Dia.



FLEXIBLE METAL CONDUIT FITTINGS

DIE CAST ZINC - SET SCREW CONNECTORS

Application

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

Product Feature

- Rugged metallic construction insures mechanical protection for the raceway

Compliance

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

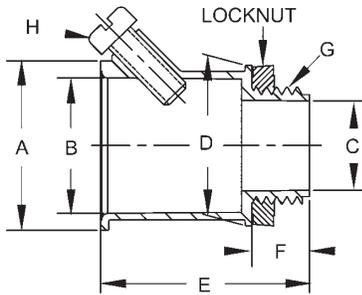


Set Screw Connector
Die Cast Zinc

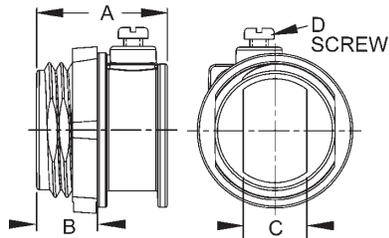


Set Screw Connector
Die Cast Zinc

RACO COMMERCIAL FITTINGS



- 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



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

ORDERING INFORMATION - DIMENSIONS

SET SCREW CONNECTOR - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2632	1/2"	25	250	—

DIMENSIONS								
CATALOG NUMBER	A	B	C	D	E	F	G THD. SPEC.	H SCREW SIZE
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"

SET SCREW CONNECTOR - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2511	3/8"*	100	1000	—

DIMENSIONS					
CATALOG NUMBER	A	B	THREAD SPEC.	C	D SCREW
2511	25/32"	3/8"	1/2-14 NPSM	3/8"	10-24 x 1/2"

* For 1/2" knockout



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FLEXIBLE METAL CONDUIT FITTINGS

DIE CAST ZINC - CLAMP TYPE CONNECTORS AND DUPLEX CONNECTORS

RACO COMMERCIAL FITTINGS

Application

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

Product Feature

- Rugged metallic construction insures mechanical protection for the raceway

Compliance

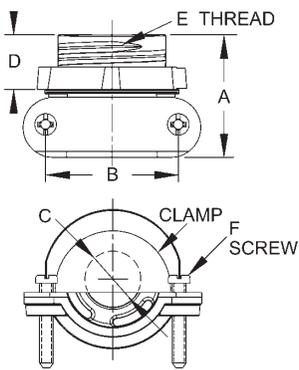
-  - Standard 514B
-  - C22.2 #18



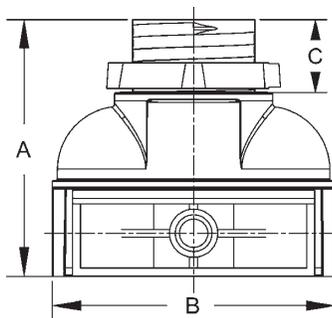
Clamp Type
Die Cast Zinc



Duplex
Die Cast Zinc



- A = Length
- B = Screw centerlines
- C = Clamping range
- D = Thread length
- E = Thread spec.
- F = Screw



- A = Overall length
- B = Width
- C = Thread length

ORDERING INFORMATION - DIMENSIONS

CLAMP TYPE - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2661	3/8"*	100	1000	—

* For 1/2" knockout

DIMENSIONS

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"

DUPLEX - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2611	3/8"*	25	250	—

* For 1/2" knockout

DIMENSIONS

CATALOG NUMBER	A	B	C
2611	1-1/2"	1-21/32"	7/16"



FLEXIBLE METAL CONDUIT FITTINGS

MALLEABLE IRON - COMBINATION COUPLINGS

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 insures mechanical protection
- Steel/malleable components are electro zinc plated for added corrosion protection

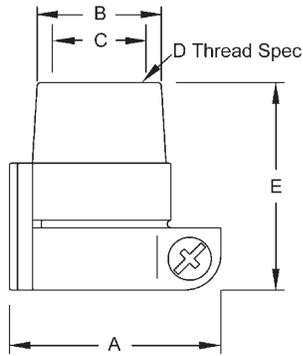
Compliance

- 



Flex - Rigid Couplings
Malleable Iron

RACO COMMERCIAL FITTINGS



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

ORDERING INFORMATION - DIMENSIONS

FLEX - RIGID COUPLINGS - MALLEABLE IRON				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
1552	1/2"	25	100	—
1553	3/4"	—	25	—
1554	1"	—	25	—

DIMENSIONS					
CATALOG NUMBER	A	B	C	D THD. 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"	1-13/32"	1"-11-1/2 NPT	1-53/64"



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FLEXIBLE METAL CONDUIT FITTINGS

MALLEABLE IRON - COMBINATION COUPLINGS

RACO COMMERCIAL FITTINGS

Applications

- For use when coupling flexible metal conduit to EMT Conduit
- Use RACO® Cat. Nos. 1941-1943 when coupling flexible metal conduit to EMT conduit

Product Features

- Rugged metallic construction insures mechanical protection
- Steel/malleable components are electro zinc plated 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

Compliances

-  _{us} – Standard 514B
– C22.2 #18

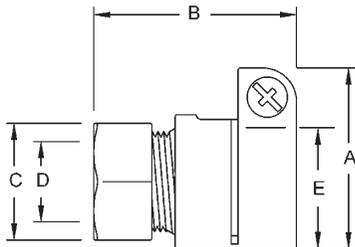


Flex - EMT Couplings
Squeeze - Malleable Iron

ORDERING INFORMATION - DIMENSIONS

FLEX - EMT COUPLINGS SQUEEZE - 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



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

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"



FLEXIBLE METAL CONDUIT FITTINGS

DIE CAST ZINC/STEEL COMBINATION COUPLINGS AND NAIL-UP STRAPS

Combination Couplings Applications

- For use when coupling flexible metal conduit to EMT conduit
- Use RACO® Cat. Nos. 1482-1484 when coupling flexible metal conduit to EMT conduit

Combination Couplings Product Feature

- Rugged metallic construction insures mechanical protection

Compliances

-  – Standard 514B
-  – Certified for Canada

Nail-Up Straps Application

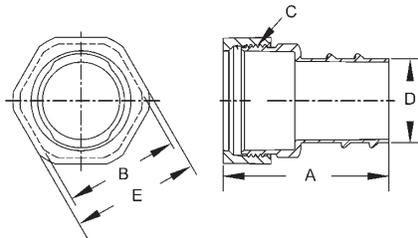
- For use in mounting flexible metal conduit, armored cable, and MC cable

Nail-Up Straps Product Feature

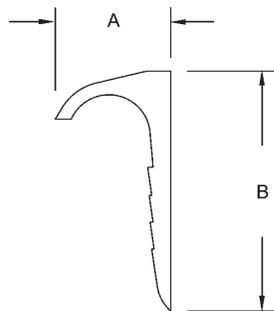
- Stamped steel straps are pregalvanized for added corrosion protection

Nail-Up Straps Compliance

-  US



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



A = Width of strap
 B = Height of strap



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



Nail-up Straps
 Steel

RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

FLEX-EMT 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"

NAIL-UP STRAPS - STEEL				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2252*	3/8" *	100	1000	—
2253*	1/2" **	100	1000	—

*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

DIMENSIONS		
CATALOG NUMBER	A	B
2252	1-1/16"	2-3/16"
2253	1-1/4"	2-19/64"



B78

ARMORED CABLE CONNECTORS

ZINC DIE CAST - CONNECTORS

RACO COMMERCIAL FITTINGS

Application

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

Product Feature

- Rugged metallic construction insures mechanical protection for the raceway

Compliance

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



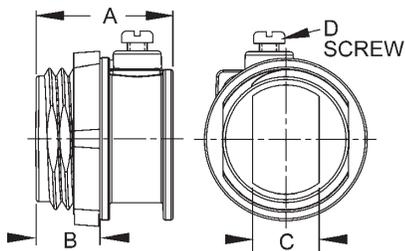
Set Screw
Die Cast Zinc

ORDERING INFORMATION - DIMENSIONS

SET SCREW - DIE CAST ZINC

CATALOG NUMBER	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2511	100	1000	—

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



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

DIMENSIONS

CATALOG NUMBER	A	B	THREAD SPEC.	C	D SCREW
2511	25/32"	3/8"*	1/2-14 NPSM	3/8"	10-24 x 1/2"

* For 1/2" knockout

ARMORED CABLE CONNECTORS

ZINC DIE CAST - CONNECTORS

Application

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

Product Feature

- Rugged metallic construction insures mechanical protection for the raceway

Compliance

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



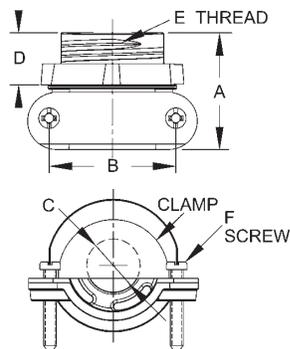
Clamp Type
Die Cast Zinc



Squeeze Type
Uninsulated
Die Cast Zinc

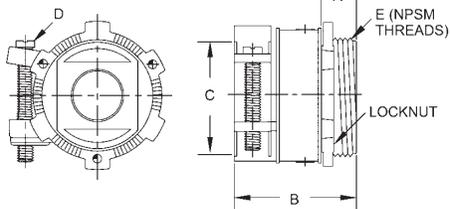
RACO COMMERCIAL FITTINGS

2661



- A = Length
- B = Screw centerlines
- C = Clamping range
- D = Thread length
- E = Thread spec.
- F = Screw

2191 - 2194



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

ORDERING INFORMATION - DIMENSIONS

CLAMP TYPE - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2661	3/8"	100	1000	—

For 1/2" knockout. 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

DIMENSIONS

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"

SQUEEZE TYPE - UNINSULATED - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2191	3/8"*	50	500	—
2192	1/2"	25	250	—
2193	3/4"	25	250	—
2194	1"	10	100	—

* For 1/2" knockout. Suitable for steel armored cable and flexible metal conduit

DIMENSIONS

CATALOG NUMBER	A	B	C	D	E
2191	13/32"	1"	21/32"	No. 10 x 1.00	1/2"-14 NPSM
2192	1/2"	1-1/2"	63/64"	No. 10 x 1.00	1/2"-14 NPSM
2193	1/2"	1-19/32"	1-3/16"	No. 12 x 1.00	3/4"-14 NPSM
2194	9/16"	1-49/64"	1-29/64"	No. 12 x 1.25	1"-11-1/2 NPSM



B80

ARMORED CABLE CONNECTORS

MALLEABLE IRON - 90 DEGREE CONNECTORS

RACO COMMERCIAL FITTINGS

Application

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

Product Features

- Rugged metallic construction insures mechanical protection for the raceway
- 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

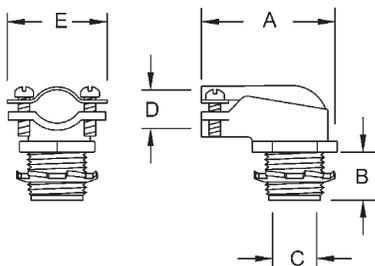
- 



90 Degree Squeeze
Insulated Throat
Malleable Iron



90 Degree Squeeze
Uninsulated Throat
Malleable Iron



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

ORDERING INFORMATION - DIMENSIONS

90 DEGREE SQUEEZE - INSULATED THROAT - MALLEABLE IRON

CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
3201	3/8" *	—	50	—
3202	1/2"	—	25	—
3202-8	1/2"	1	25	
3203	3/4"	—	25	—
3203-8	3/4"	1	20	

* For 1/2" knockout

90 DEGREE SQUEEZE - UNINSULATED - MALLEABLE IRON

CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2201	3/8" *	—	50	—
2202	1/2"	25	100	—
2202-8	1/2"	1	25	
2203	3/4"	—	25	—
2203-8	3/4"	1	20	

* For 1/2" knockout

DIMENSIONS

CAT. NO. INSULATED	CAT. NO. UNINSLTD.	A	B	THD. SPEC.	C	D	E
3201	2201	2-1/64"	23/64"	1/2-14 NPS	.570	.390-.630	1-3/8"
3202 3202-8	2202 2202-8	2-15/64"	27/64"	1/2-14 NPS	.570	.817-.950	1-51/64"
3203 3203-8	2203 2203-8	2-1/2"	1/2"	3/4-14 NPS	.822	.830-1.110	1-31/32"



ARMORED CABLE CONNECTORS

DIE CAST ZINC - 90 DEGREE AND DUPLEX CONNECTORS

Application

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

Product Feature

- Rugged metallic construction insures mechanical protection for the raceway

Compliance

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



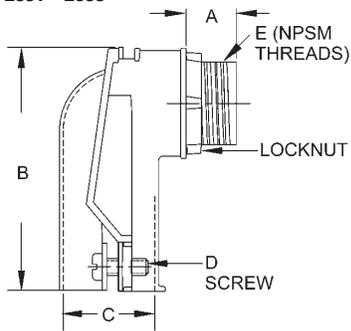
90 Degree Squeeze
Uninsulated
Die Cast Zinc



Duplex
Die Cast Zinc

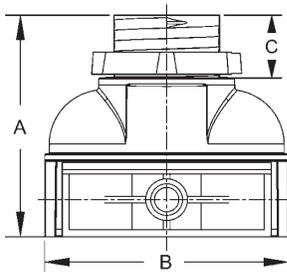
RACO COMMERCIAL FITTINGS

2691 - 2693



- A = Thread length
- B = Overall length
- C = Clamping range
- D = Screw
- E = Thread spec

2611



- A = Overall length
- B = Width
- C = Thread length

ORDERING INFORMATION - DIMENSIONS

90 DEGREE SQUEEZE - UNINSULATED - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2691	3/8"*	50	500	—
2692	1/2"	25	250	—
2693	3/4"	10	100	—

* For 1/2" knockout

DIMENSIONS						
CATALOG NUMBER	A	B	C		D SCREW SIZE	E THD. SPEC.
			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

DUPLEX - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2611	3/8" *	25	250	—

*For 1/2" knockout

DIMENSIONS			
CATALOG NUMBER	A	B	C
2611	1-1/2"	1-21/32"	7/16"



B82

METAL CABLE CLAD CONNECTORS

STEEL - REDI-LOC® CONNECTORS

RACO COMMERCIAL FITTINGS

Application

- For use in dry locations to connect MCI, MCI-A (2700AJ only) AC and HCF cable to a box or enclosure

Product Features

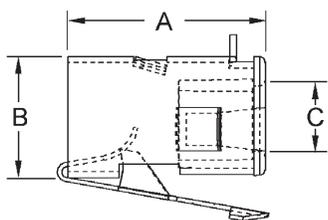
- Patented snap-in design. MCI, AC and HCF Cable can be securely in-stalled in outlet boxes or enclosures in seconds, **without tools or locknuts**
- Redi-Loc® Connectors cut installation time by 33% over competing termination methods
- Compact single unit design — no need to worry about loose components or fumbling with protruding hardware
- Snaps tightly into the knockout - no need to worry about a loose connection
- Reusable design — installation can be reversed just as easily as it was originally installed
- Integral red insuliner provides for maximum wire protection and liner visibility for inspecting authorities
- Durable all steel construction
- Zinc electroplated for corrosion protection
- Tri-lingual (English, Spanish & French) installation instructions included in each unit carton
- UPC bar coded fittings are individually polybagged with a preprinted UPC-A bar code, packaged in pre-scored tear top cartons for an attractive presentation

Compliance

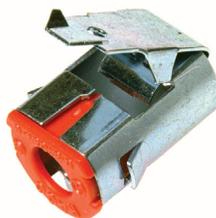
-  – Standard 514B
-  – C22.2 #18

Reference Data

- REDI-LOC® connectors (2700, 2700AJ & 2701) U.S. Patent 5,731,543



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



REDI-LOC® Connectors
 Connectors for MCI, AC and HCF Cables
 Steel

ORDERING INFORMATION - DIMENSIONS

REDI-LOC® CONNECTORS - CONNECTORS FOR MCI, AC AND HCF CABLES STEEL					
CATALOG NUMBER	TRADE SIZE	CABLE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2700	1/2"	MCI Cable: .434"- .530" Alum. or .430-.530 Steel, Armored Cable (AC): 14/2 (.430) to 12/3 Alum. & Steel	50	500	—
2700-8	1/2"	Same info. as above	1	25	
2700AJ	1/2"	MCI Cable: .475"- .575" MCI-A Cable Alum .430 - .560 Alum & Steel. Armored Cable (AC): 14-2 (.475) to 12-4 Alum. & Steel	50	500	—
2701	3/4"	MCI Cable: .590"- .680" Alum. or .565"- .659" Steel, Armored Cable (AC): 10/3 (.590") to 8/3 Alum. & Steel	25	250	—
2701-8	3/4"	Same info. as above	1	20	

DIMENSIONS			
CATALOG NUMBER	A	B	C
2700, 2700AJ	1.070"	.840"	.375"
2700-8	1.070"	.840"	.375"
2701	1.070"	1.074"	.500"
2701-8	1.070"	1.074"	.500"

REDI-LOC™ SELECTION GUIDE			
CABLE TYPE	2700, 2700-8 1/2" KO	2700AJ 1/2" KO	2701, 2701-8 3/4" KO
AC Steel	14/2, 14/3, 14/4, 12/2 12/3	14/2, 14/3, 14/4, 14/5	12/5, 10/2, 10/3, 10/4
HCF Steel Health Care Facilities	14/2, 14/3, 12/2, 12/3	14/2, 14/3, 12/2, 12/3	12/3, 12/5, 10/2, 10/3, 10/4 w/Ground
AC Aluminum	14/2, 14/3, 14/4, 12/2 12/3	14/2, 14/3, 14/4, 14/5 12/2, 12/3, 10/2	12/5, 10/2, 10/3, 10/4
MCI Steel (MCI Cables include an add'l ground wire)	14/2, 14/3, 12/2	14/3, 14/4, 12/2, 12/3 10/2	12/4, 12/5, 12/6, 10/2, 10/3
MCI Aluminum (MCI Cables include an add'l ground wire)	14/2, 14/3, 12/2	14/3, 14/4, 12/2, 12/3 10/2	12/4, 12/5, 12/6, 10/2, 10/3
MCI-A Aluminum	—	14/3, 14/4, 12/2, 12/3 10/2	—

NOTE: Cable diameters may vary



METAL CLAD CABLE CONNECTORS

STEEL

Application

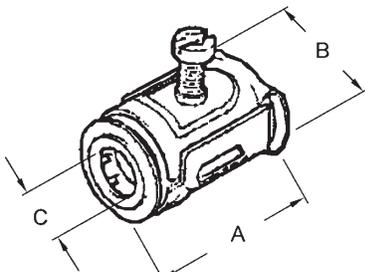
- For use in dry locations to connect MCI, MCI-A (2800 only) AC and HCF cable to a box or enclosure

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 for maximum wire protection
- Durable all-steel construction
- Zinc electroplated — for corrosion protection

Compliances

- 



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



2800, 2801

RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

CONNECTORS - FOR MCI, AC AND HCF CABLES - STEEL				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2800	1/2"	50	500	—
2801	3/4"	25	250	—

SELECTION GUIDE		
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	—

DIMENSIONS			
CATALOG NUMBER	A	B	C
2800	1-7/16"	7/8"	7/16"
2801	1-11/16"	1-5/16"	9/16"

B84

METAL CLAD CABLE CONNECTORS

STEEL - REDI-LOC® CONNECTORS

RACO COMMERCIAL FITTINGS

Application

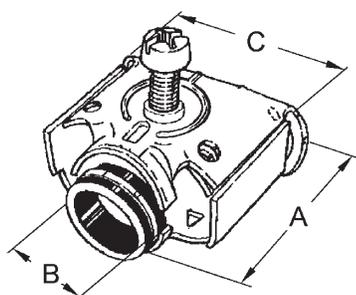
- For use in dry locations to connect MCI, MCI-A, AC and HCF cable to a box or enclosure

Product Features

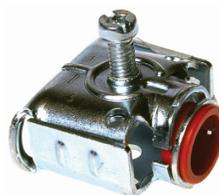
- Tri-Head screw/clamp design — can accommodate two runs of MCI, AC and HCF Cable. Connector can be installed by using a slotted, Phillips or Robertson head screwdriver
- Reusable design — installation can be reversed just as easily as it was originally installed
- Integral red insuliner — provides for maximum wire protection and liner visibility for inspecting authorities
- Durable all steel construction
- Zinc electroplated for corrosion protection
- Tri-lingual (English, Spanish and French) installation instructions included in each unit carton
- UPC bar coded fittings are individually polybagged with a preprinted UPC A bar code and packaged in prescored tear top cartons for an attractive presentation

Compliances

-  ^{us}



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



REDI-LOC® Duplex Connector
 For MCI, AC and HFC Cables
 Steel

ORDERING INFORMATION - DIMENSIONS

REDI-LOC® DUPLEX CONNECTOR - FOR MCI, AC AND HCF CABLES - STEEL					
CATALOG NUMBER	TRADE SIZE	CABLE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2715	1/2"	MCI Cable .450"-.545" Alum., .425"-.550" Steel MCC Cable .380"-.550" Alum., Armored Cable (AC) 14/2 to 12/3 w/Grnd., Alum. & Steel	25	250	—
2715-8	1/2"	Same info. as above	1	10	

REDI-LOC® SELECTION CHART	
CABLE TYPE	1/2" KO DUPLEX
AC Steel	14/2, 14/3, 12/2, 12/3
HCF Steel - Health Care Facilities	14/2, 14/3, 12/2, 12/3
AC Aluminum	14/2, 14/3, 12/2, 12/3
MCI steel (MCI Cables include an add'l ground wire)	14/2, 14/3, 12/2, 12/3
MCI Aluminum (MCI Cables include an add'l ground wire)	14/2, 14/3, 12/2, 12/3
MCI-A Aluminum	14/4, 12/2, 12/3, 12/4, 12/6, 10/2, 10/3, 10/4

DIMENSIONS			
CATALOG NUMBER	A	B	C
2715	1-5/8"	9/16"	1-11/16"
2715-8	1-5/8"	9/16"	1-11/16"



METAL CLAD CABLE CONNECTORS

DIE CAST ZINC - CLAMP TYPE

Application

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

Product Feature

- Rugged metallic construction insures mechanical protection for the raceway

Compliance

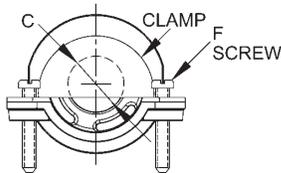
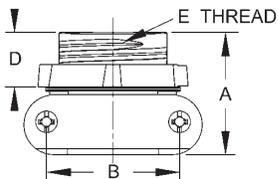
-  – Standard 514B
-  – C22.2 #18



CLAMP TYPE
DIE CAST ZINC

RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS



- A = Length
- B = Screw centerlines
- C = Clamping range
- D = Thread length
- E = Thread spec.
- F = Screw

CLAMP TYPE - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2661	3/8"*	100	1000	—

*For 1/2" knockout.

1/2" HUB SIZE FOR MC CABLE – 2661 SELECTION CHART	
CABLE TYPE	DIAMETER
Rectangular Aluminum Corrugated	.277"-.375"
Aluminum Corrugated	.365"-.510"
Aluminum Smooth	.345"-.525"
Aluminum Interlocked	.455"-.575"
Steel Interlocked	.435"-.547"

DIMENSIONS						
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"



B86

METAL CLAD CABLE CONNECTORS

DIE CAST ZINC - DUPLEX CONNECTOR

RACO COMMERCIAL FITTINGS

Application

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

Product Feature

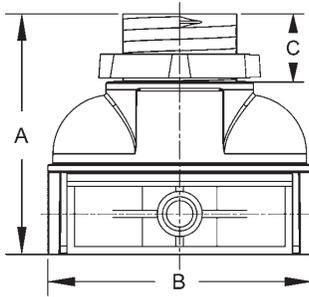
- Rugged metallic construction insures mechanical protection for the raceway

Compliance

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



DUPLEX
DIE CAST ZINC



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

ORDERING INFORMATION - DIMENSIONS

DUPLEX - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2611	3/8"*	25	250	—

* For 1/2" knockout

1/2" HUB SIZE FOR MC CABLE - 2611 SELECTION CHART	
CABLE TYPE	DIAMETER
Aluminum Smooth	.410"-.500"
Aluminum Interlocked	.460"-.538"
Steel Interlocked	.438"-.560"

DIMENSIONS				
CATALOG NUMBER	A	B	C	D
2611	1-1/2"	1-21/32"	7/16"	27/32"

NONMETALLIC SHEATHED CABLE CONNECTORS

THERMOPLASTIC CONNECTORS - THE INSIDER®

Application

- Use THE INSIDER® in dry locations to connect one or two runs of Nonmetallic Sheathed Cable (NMSC) to a box.
- THE INSIDER and NMSC can be used with steel boxes, panel boxes or plastic boxes with knockouts.

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 – resists corrosion and offers insulation protection. THE INSIDER is made of a tough engineered thermoplastic and can be used in exposed and concealed ceilings and walls.
- Can be easily removed by pushing one of the locking wing tabs with a screwdriver.

Compliance

-  – Standard 514B and 514C
-  – C22.2 #18

Reference Data

- THE INSIDER U.S. Patent 7,211,744

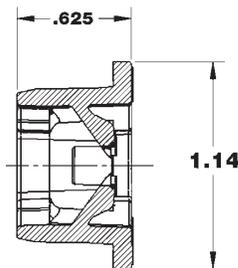


Nonmetallic Sheathed Cable Connector

RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

THE INSIDER® FOR USE WITH NONMETALLIC SHEATHED CABLE		
SINGLE	TWO CABLE COMBINATIONS	
14-2 w/grnd.	(2) 14-2 w/grnd.	(1) 14-2 w/grnd. & (1) 12-2 w/grnd.
14-3 w/grnd.		
12-2 w/grnd.	(2) 12-2 w/grnd.	(1) 12-2 w/grnd. & (1) 10-2 w/grnd.
12-3 w/grnd.		
10-2 w/grnd.	(2) 10-2 w/grnd.	(1) 14-2 w/grnd. & (1) 10-2 w/grnd.
10-3 w/grnd.		



A = Overall length
B = Flange O.D.



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



Step 2: Done



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.

THE INSIDER® SPECIFICATIONS

Catalog Number	Trade Size	Description	Color	Material	Unit Ctn. Qty.	Ship Ctn. Qty.	WT. (100 Pcs)	I Two of Five Bar Code Unit Ctn.	I Two of Five Bar Code Ship Ctn.
4714	1/2"	NMSC Connector	Black	Thermoplastic	100	1000	0.861	3 0050169 04714 0	5 0050169 04714 4



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NONMETALLIC SHEATHED CABLE CONNECTORS

DIE CAST ZINC - CLAMP TYPE

RACO COMMERCIAL FITTINGS

Application

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

Product Feature

- Rugged metallic construction will last the lifetime of the installation

Compliance

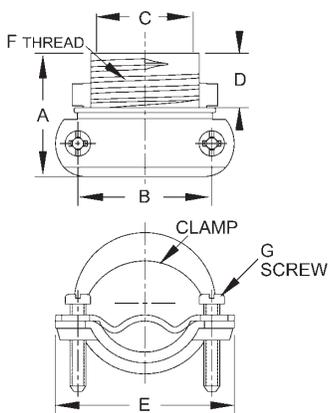
- – Standard 514B
- – C22.2 #18



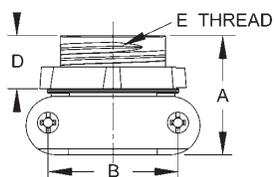
Clamp Type
Die Cast Zinc



Clamp Type
Die Cast Zinc



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



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

ORDERING INFORMATION - DIMENSIONS

CLAMP TYPE - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	NONMETALLIC CABLE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2711	1/2"	2 #14-2 #10, 3 #14 or 3 #12 with or without ground	100	1000	—
2863	3/4"	3 #12, 3 #10, 2 #8	50	500	—
2864	1"	4 #12, 3 #12, 4 #10, 3 #10, 3 #8, 2 #8, 2 #6, 2 #4	25	250	—

DIMENSIONS

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"

CLAMP TYPE - DIE CAST ZINC

CATALOG NUMBER	TRADE SIZE	UNIT. CTN. QTY.	SHIP. CTN. QTY.	UPC BAR CODE
2661	3/8"*	100	1000	—

*For 1/2" knockout.

DIMENSIONS

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"



NONMETALLIC SHEATHED CABLE CONNECTORS

STEEL - ACCESSORIES

Application

- For use when protection is required for cable passing through a wood stud

Product Features

- Extra large plate provides a greater area of protection
- Pregalvanized for added corrosion protection
- Meets 2008 NEC 334.15 (B)
- 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

-  US



Cable Protector
Steel

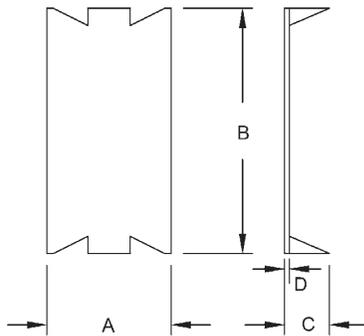
RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

CABLE PROTECTOR - STEEL				
CATALOG NUMBER	DESCRIPTION	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2709	Cable Protector	—	100	
2709-9	Cable Protector	—	100	*
2710	Cable Protector	—	200	—

*Project pack sold as a UPC-A bar coded carton of 100

DIMENSIONS				
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"



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



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SERVICE ENTRANCE FITTINGS

ALUMINUM - SERVICE ENTRANCE HEADS

RACO COMMERCIAL FITTINGS

Application

- For use to bring overhead electrical service into buildings

Product Features

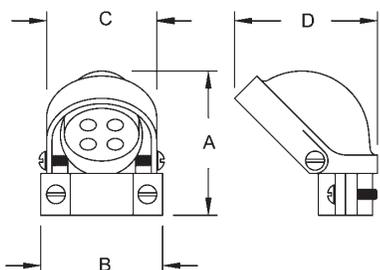
- Lightweight aluminum body construction eases installation and provides corrosion resistance
- Plastic insulator snaps out easily for quick cable insertion

Compliance

-  – Standard 514B



Entrance Heads – Clamp Type For Rigid/IMC or EMT – Aluminum



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

ORDERING INFORMATION - DIMENSIONS

ENTRANCE HEADS – CLAMP TYPE FOR RIGID/IMC OR EMT - ALUMINUM				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2402	1/2"	—	10	
2403	3/4"	—	10	
2404	1"	—	5	
2405	1-1/4"	—	10	
2406	1-1/2"	—	5	
2408	2"	—	5	
2410	2-1/2"	—	1	—
2412	3"	—	1	—
2414	3-1/2"	—	1	—
2416	4"	—	1	—

DIMENSIONS					
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., 3 Holes 7/8" 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.



SERVICE ENTRANCE FITTINGS

ALUMINUM - SERVICE ENTRANCE HEADS

Aluminum Service Entrance Heads Application

- For use to bring overhead electrical service into buildings

Aluminum Service Entrance Heads Product Features

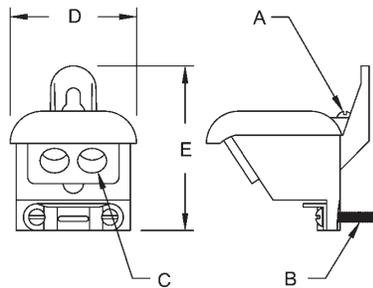
- Lightweight aluminum body construction eases installation and provides corrosion resistance
- Plastic insulator snaps out easily for quick cable insertion

Compliance

-  - Standard 514B



Entrance Heads – Clamp Type For SEU Cable
Aluminum



A = Cover screw spec
B = Clamp screw spec
C = Hole size
D = Depth of head
E = Height

ORDERING INFORMATION - DIMENSIONS

ENTRANCE HEADS – CLAMP TYPE FOR SEU CABLE - ALUMINUM				
CATALOG NUMBER	NOMINAL CABLE SIZES	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC 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	—

DIMENSIONS					
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"

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SERVICE ENTRANCE FITTINGS

ALUMINUM/NYLON/STEEL - UNDERGROUND FEEDER (UF) CONNECTORS

RACO COMMERCIAL FITTINGS

Application

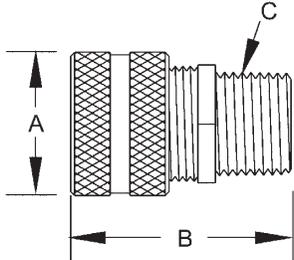
- For use with underground feeder (UF) cable to provide a liquid tight connection to meters and enclosures

Product Features

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

Compliance

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



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



UF Connectors
Liquid Tight Aluminum



UF Connectors
Liquid Tight Nylon



UF Connectors
Liquid Tight Steel

ORDERING INFORMATION - DIMENSIONS

UF CONNECTORS - LIQUID TIGHT - ALUMINUM

CATALOG NUMBER	TRADE SIZE	GROMMET OPENING	UF* WIRE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
4899-9	1/2"	Minimum .20" x .40"	2#14	—	10	—
		Maximum .25" x .55"	2#12			
			2#10			

*Wire sizes vary among manufacturers

UF CONNECTORS - LIQUID TIGHT - NYLON

CATALOG NUMBER	TRADE SIZE	GROMMET OPENING	UF* WIRE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
4799-1	1/2"	Minimum .20" x .40"	2#14	—	25	—
		Maximum .25" x .55"	2#12			
			2#10			
4799-3	3/4"	Minimum .20" x .60"	3#14	—	15	—
		Maximum .26" x .78"	3#12			
			3#10			

*Wire sizes vary among manufacturers

UF CONNECTORS - LIQUID TIGHT - STEEL

CATALOG NUMBER	TRADE SIZE	GROMMET OPENING	UF* WIRE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2462	1/2"	Minimum .225" Maximum .425"	2#14 2#12	25	100	—

*Wire sizes vary among manufacturers

DIMENSIONS

TRADE SIZE	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	1-1/4"	3/4"	1/2" - 14



SERVICE ENTRANCE FITTINGS

DIE CAST ZINC - SERVICE ENTRANCE CABLE CONNECTORS

Application

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

Product Feature

- Rugged metallic construction will last the life of the installation

Compliance

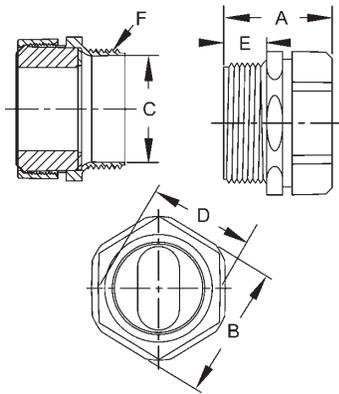
-  - Standard 514B



UF Connectors - Liquid Tight
Die Cast Zinc

**RACO COMMERCIAL
FITTINGS**

ORDERING INFORMATION - DIMENSIONS



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

SERVICE ENTRANCE CABLE CONNECTORS - LIQUID TIGHT - DIE CAST ZINC						
CATALOG NUMBER	TRADE SIZE	MAX. GROMMET OPENING	UF* WIRE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

*Wire sizes vary among manufacturers

DIMENSIONS						
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



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SERVICE ENTRANCE FITTINGS

DIE CAST ZINC - NON-WATERTIGHT CONNECTORS

RACO COMMERCIAL FITTINGS

Application

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

Product Feature

- Rugged metallic construction will last the lifetime of the installation

Compliance

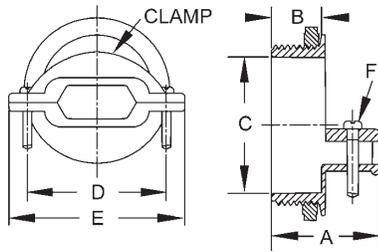
-  - Standard 514B



Connectors For Oval Cable
Die Cast Zinc



Connectors For Oval or Round Cable
Die Cast Zinc



- 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

ORDERING INFORMATION - DIMENSIONS

CONNECTORS FOR OVAL CABLE - DIE CAST ZINC					
CATALOG NUMBER	TRADE SIZE	NOMINAL CABLE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

CONNECTORS FOR OVAL OR ROUND CABLE - DIE CAST ZINC					
CATALOG NUMBER	TRADE SIZE	NOMINAL CABLE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2863	3/4"	3#10, 3#6, 2#6	50	500	—
2864	1"	3#6, 3#4	25	250	—

DIMENSIONS						
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"



SERVICE ENTRANCE FITTINGS

STEEL - STRAPS

Application

- For use in mounting service entrance cable

Product Features

- All steel construction provides durability of installation
- Electro zinc plated for added corrosion protection

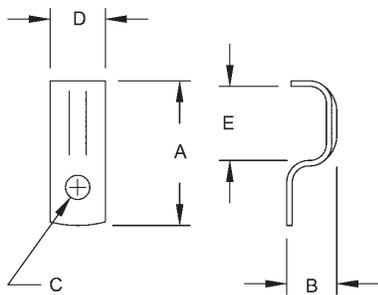
Compliances

-  **UL** US



Straps Steel

RACO COMMERCIAL FITTINGS



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

ORDERING INFORMATION - DIMENSIONS

STRAPS – STEEL				
CATALOG NUMBER	NOMINAL CABLE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

DIMENSIONS					
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"

B96

MISCELLANEOUS FITTINGS

BRONZE - GROUND CLAMPS

RACO COMMERCIAL FITTINGS

Application

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

Product Feature

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

Compliance

-  - Standard 514B



For Bare Ground Wires
Bronze Alloy



For Bare Armored Ground Wire
Bronze Alloy

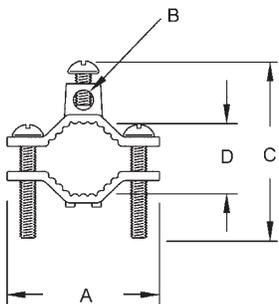
ORDERING INFORMATION - DIMENSIONS

FOR BARE GROUND WIRES - BRONZE ALLOY					
CATALOG NUMBER	PIPE SIZE	GROUNDING CONDUCTOR SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2504	1/2"-1"	No. 2 Str./No. 10 Sol.	—	25	—
2505	1-1/4"-2"	No. 2 Str./No. 10 Sol.	—	25	—

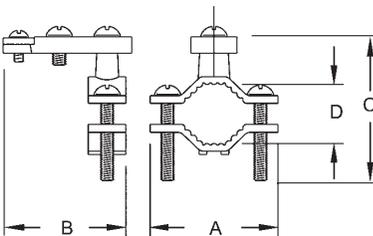
DIMENSIONS				
CATALOG NUMBER	A	B	C	D
2504	2-1/4"	5/16"	2-5/16"	11/16"-1-5/16"
2505	3-9/16"	5/16"	3-1/8"	1-3/8"-2-1/2"

FOR BARE ARMORED GROUND WIRE - BRONZE ALLOY					
CATALOG NUMBER	PIPE SIZE	GROUNDING CONDUCTOR SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2507	1/2"-1"	No. 6 Str./No. 10 Sol.	—	25	—
2508	1-1/4"-2"	No. 6 Str./No. 10 Sol.	—	25	—

DIMENSIONS				
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 = Hole diameter
C = Height
D = Min./Max. clamping range



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



MISCELLANEOUS FITTINGS

BRONZE - GROUND CLAMPS

Application

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

Product Feature

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

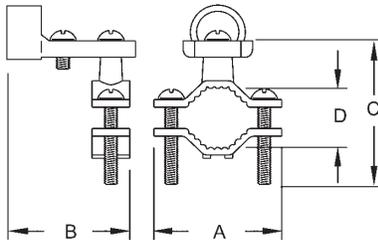
Compliance

-  – Standard 514B



For 1/2" Rigid Conduit
Bronze Alloy

**RACO COMMERCIAL
FITTINGS**



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

ORDERING INFORMATION - DIMENSIONS

FOR 1/2" RIGID CONDUIT - BRONZE ALLOY					
CATALOG NUMBER	PIPE SIZE	GROUNDING CONDUCTOR SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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					
CATALOG NUMBER	PIPE SIZE	GROUNDING CONDUCTOR SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2513	1/2"-1"	No. 2/0 Str./No. 10 Sol.	—	25	—
2523	1-1/4"-2"	No. 2/0 Str./No. 10 Sol.	—	25	—

DIMENSIONS				
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"

B98

MISCELLANEOUS FITTINGS

STEEL - KNOCKOUT SEALS

RACO COMMERCIAL FITTINGS

Application

- 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)



Knockout Seals
One-Piece
Steel

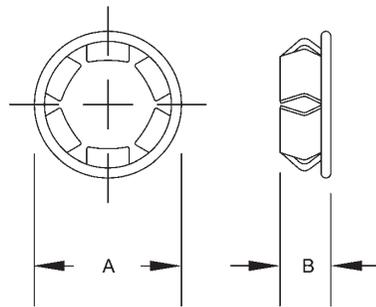


Knockout Seals
Two-Piece
Steel

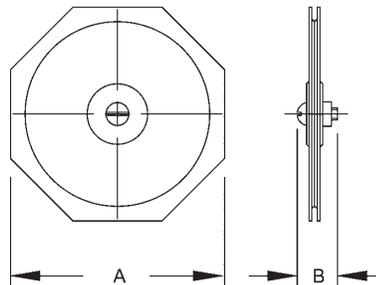
ORDERING INFORMATION - DIMENSIONS

KNOCKOUT SEALS ONE-PIECE - STEEL

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



A = O.D. B = Height



A = O.D. B = Height

DIMENSIONS

TRADE SIZE	A	B
1/2"	1-5/64"	23/64"
3/4"	1-15/64"	5/16"
1"	1-29/64"	11/32"
1-1/4"	1-13/16"	11/32"
1-1/2"	2-13/64"	11/32"
2"	2-43/64"	3/8"

KNOCKOUT SEALS TWO-PIECE - STEEL

CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1037	2-1/2"	—	10	—
1039	3"	—	10	—
1040	3-1/2"	—	10	—
1041	4"	—	10	—

Set includes two-discs, bolt & nut in poly bag

DIMENSIONS

TRADE SIZE	A	B
2-1/2"	3-3/16"	5/8"
3"	3-13/16"	5/8"
3-1/2"	4-3/8"	5/8"
4"	4-29/32"	5/8"



MISCELLANEOUS FITTINGS

STEEL/MALLEABLE IRON - BEAM CLAMPS AND CABLE PROTECTORS

Beam Clamps Application

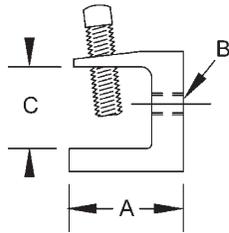
- For use with hangers, bridle rings and drop rods to support conduit from I-beams

Beam Clamps Product Features

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

Compliance

-  us



A = Base length
 B = Thread size
 C = Inside opening



Beam Clamps
Steel/Malleable Iron



Cable Protector
Steel

RACO COMMERCIAL FITTINGS

ORDERING INFORMATION - DIMENSIONS

BEAM CLAMPS - STEEL - MALLEABLE IRON				
CATALOG NUMBER	TRADE SIZE	MAX LOAD LBS.	SHIP CTN. QTY.	UPC BAR CODE
2500*	1"	125	100	—
2524	1"	335	100	—
2536	1-1/2"	525	50	—
2538	2"	750	25	—
2510	2-1/2"	900	25	—

* Cat. No. 2500 is steel

Steel Cable Protector Application

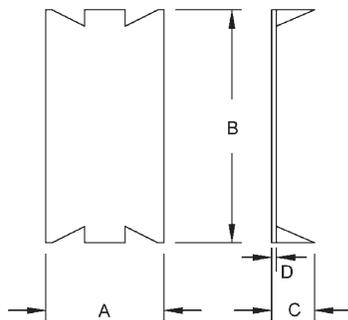
- For use when protection is required for cable passing through a wood stud

Steel Cable Protector Product Features

- Extra large plate provides a greater area of protection
- Pregalvanized for added corrosion protection
- Meets 2005 NEC 334.15 (B)

Compliances

-  us



A = Width
 B = Height
 C = Thickness – measured from the tip of the tang
 D = Material thickness

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

CABLE PROTECTOR - STEEL				
CATALOG NUMBER	DESCRIPTION	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
2709	Cable Protector	—	100	
2709-9	Cable Protector	—	100	
2710	Cable Protector	—	200	—

DIMENSIONS				
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"



B100

MISCELLANEOUS FITTINGS

STEEL - REDUCING WASHERS

RACO COMMERCIAL FITTINGS

Application

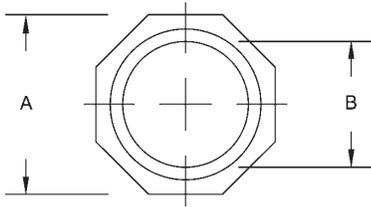
- For use when a raceway is smaller in trade size than the trade size of the knockout it is intended to enter
- Use reducing washers in pairs. One inside and one outside the box or enclosure

Product Features

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



Reducing Washers
Steel



A = Across flats
B = I.D.

ORDERING INFORMATION - DIMENSIONS

REDUCING WASHERS - STEEL						
CATALOG NUMBER	TRADE SIZE	DIMENSIONS		UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
		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	—

MISCELLANEOUS FITTINGS

DIE CAST ZINC - OFFSET NIPPLES

Application

- For use when connecting two boxes or panels when the knock-outs are not in line.

Product Feature

- Rugged metallic construction provides mechanical protection for the conductors.

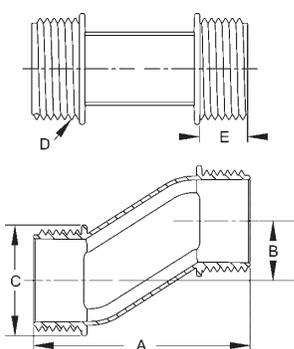
Compliance

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



3/4" Offset Nipples
Die Cast Zinc

RACO COMMERCIAL FITTINGS



A = Overall length
B = Offset
C = Hub dia.
D = Thread spec
E = Thread length

ORDERING INFORMATION - DIMENSIONS

3/4" OFFSET NIPPLES - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
1452	1/2"	—	50	—
1453	3/4"	—	20	—
1454	1"	—	15	—
1455	1-1/4"	—	10	—
1456	1-1/2"	—	10	—
1458	2"	—	6	—

DIMENSIONS					
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"



B102**MISCELLANEOUS FITTINGS****DIE CAST ZINC - UNINSULATED NIPPLES****RACO COMMERCIAL
FITTINGS****Application**

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

Product Feature

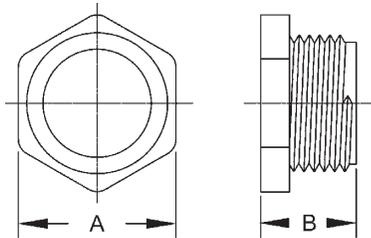
- Rugged metallic construction

Compliance

-  – Standard 514B
-  – C22.2 #18



Uninsulated Nipples
Die Cast Zinc

ORDERING INFORMATION - DIMENSIONS

A = Across flats
B = Length

UNINSULATED NIPPLES - DIE CAST ZINC				
CATALOG NUMBER	TRADE SIZE	UNIT CTN. QTY.	SHIP CTN. QTY.	UPC BAR CODE
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	—

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

MISCELLANEOUS FITTINGS

STEEL - CONDUIT HANGERS WITH BOLTS

Application

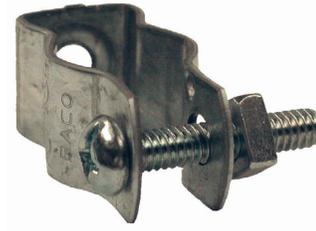
- For use in wet or dry locations to support runs of rigid/IMC and EMT conduit from ceilings and walls

Product Features

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

Compliances

-  – Standard 514B (trade sizes 0-9)
-  – Canada (trade sizes 0-9)



Conduit Hangers With Bolts
Steel

RACO COMMERCIAL
FITTINGS

ORDERING INFORMATION - DIMENSIONS

CONDUIT HANGERS WITH BOLTS - STEEL					
CATALOG NUMBER	TRADE SIZE	RIGID & IMC SIZE	EMT SIZE	SHIP CTN. QTY.	UPC BAR CODE
2052	0	3/8" -1/2"	1/2"	100	—
2053	1	3/4"	3/4"	100	—
2054	2	1"	1"	100	—
2041	2-1/2	—	1-1/4"	100	—
2055	3	1-1/4"	1-1/2"	100	—
2056	4	1-1/2"	—	100	—
2058	5	2"	2"	50	—
2057	6	2-1/2"	2-1/2"	25	—
2059	7	3"	3"	25	—
2060	8	3-1/2"	3-1/2"	10	—
2061	9	4"	4"	10	—

BELL® Weatherproof Boxes, Covers, and Lighting



Standards

- Bell® UPC Vendor Number 050169

Where applicable, Bell® products are engineered in accordance with the standards established by Underwriters Laboratories, C/UL, and the Canadian Standards Association. Dimensional data listed in this catalog is intended for general reference with broad tolerance limits.

2008 NEC

When specifying Bell® Weatherproof boxes and covers, consult the requirements of the National Electrical Code, Article 314.16 (B) and 406.8 (B). Article 314.16 (B) details the NEC requirements for the maximum number of conductors allowed for a Bell® Weatherproof installation. Article 406.8 (B) provides details on the NEC requirements for receptacles being used in wet locations.

For your convenience, we have reprinted the pertinent NEC articles. In all cases, consult your local electrical code and inspector interpretation.

Wiring Capacity: Bell® Weatherproof Boxes and Extensions

Maximum Number of Conductors or Minimum Size Box (Article 314.16 (B))

The purpose of Article 314.16 (B) is to determine the maximum conductor count or the minimum box size required for the job. It also can be used to figure how many other con-

ductors may be added without exceeding the Code-prescribed limit. Most applications have determined the number of conductors. The rules of Article 314.16 (B) are used to determine the Code recognized limit, or smallest box that may be installed.

Selection of any Bell® Weatherproof box or extension for use in any electrical circuit work must take into consideration the maximum number of wires permitted in the box. Safe electrical practice demands that wires not be jammed into boxes because of the possibility of nicks, abrasions, or other damage to the insulating material, creating the potential for ground faults or short circuits.

314.16 Number of Conductors in Outlet, Device, and Junction Boxes, and Conduit Bodies.

Boxes and conduit bodies shall be of sufficient size to provide free space for all enclosed conductors. In no case shall the volume of the box, as calculated in 314.16(A), be less than the fill calculation as calculated in 314.16(B). The minimum volume for conduit bodies shall be as calculated in 314.16(C).

The provisions of this section shall not apply to terminal housings supplied with motors or generators.

Boxes and conduit bodies enclosing conductors 4 AWG or larger shall also comply with the provisions of 314.28.

(B) Box Fill Calculations. The volumes in paragraphs 314.16(B)(1) through (B)(5), as applicable, shall be added together. No allowance shall be required for small fittings such as locknuts and bushings.

(1) Conductor Fill. Each conductor that originates outside the box and terminates or is spliced within the box shall be counted once, and each conductor that passes through the box without splice or termination shall be counted once. Each loop or coil of unbroken conductor not less than twice the minimum length required for free conductors in a 300.14 shall be counted twice. The conductor fill shall be calculated using Table 314.16(B). The conductor, no part of which leaves the box, shall not be counted.

Exception: An equipment grounding conductor or conductors or not over four fixture wires smaller than 14 AWG, or both, shall be permitted to be omitted from the calculations where they enter a box from a domed luminaire (fixture) or similar canopy and terminate within that box.

(2) Clamp Fill. Where one or more internal cable clamps, whether factory or field supplied, are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest conductor present in the box. No allowance shall be required for a cable connector with its clamping mechanism outside the box.

STANDARDS, 2008 NATIONAL ELECTRICAL CODE®

(3) Support Fittings Fill. Where one or more luminaire (fixture) studs or hickey are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made for each type of fitting based on the largest conductor present in the box.

(4) Device or Equipment Fill. For each yoke or strap containing one or more devices or equipment, a double volume allowance in accordance with Table 314.16(B) shall be made for each yoke or strap based on the largest conductor connected to a device(s) or equipment supported by that yoke or strap. A device or utilization equipment wider than a single 50mm (2 in.) device box as described in table 314.16(A) shall have double volume allowances provided for each gang required for mounting.

(5) Equipment Grounding Conductor Fill. Where one or more equipment grounding conductors or equipment bonding jumpers enter a box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest equipment grounding conductor or equipment bonding jumper present in the box. Where an additional set of equipment grounding conductors, as permitted by 250.146(D), is present in the box, an additional volume allowance shall be made based on the largest equipment grounding conductor in the additional set.

Article 406.8 Receptacles in Damp or Wet Locations

(B) Wet Locations.

(1) 15- and 20-Ampere Receptacles in a Wet Location. 15- and 20 ampere, 125- and 250-volt receptacles installed in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug is inserted. All 15- and 20-ampere, 125- and 250-volt nonlocking receptacles shall be listed weather-resistant type.

FPN: The types of receptacles covered by this requirement are identified as 5-15, 5-20, 6-15, and 6-20 in ANSI/NEMA WD 6-2002, *National Electrical Manufacturers Association Standard for Dimensions of Attachment Plugs and Receptacles*.

Exception: 15- and 20-ampere, 125- through 250-volt receptacles installed in a wet location and subject to routine high-pressure spray washing shall be permitted to have an enclosure that is weatherproof when the attachment plug is removed.

(2) Other Receptacles. All other receptacles installed in a wet location shall comply with (B)(2)(a) or (B)(2)(b).

(a) A receptacle installed in a wet location, where the product intended to be plugged into it is not attended while in use, shall have an enclosure that is

weatherproof with the attachment plug cap inserted or removed.

(b) A receptacle installed in a wet location where the product intended to be plugged into it will be attended while in use (e.g., portable tools) shall have an enclosure that is weatherproof when the attachment plug is removed.

BELL® PRODUCTS: GENERAL FEATURES AND BENEFITS

Bell® Weatherproof products all offer these features and benefits:

- Rugged seamless die cast construction that will not allow entry of moisture
- Reinforced connector outlets to provide a secure mechanical installation
- State-of-the-art powder coat paint for maximum weatherability and scratch resistance
- Multi-lingual instructions provided with every product
- Installation hardware and ground screws included where applicable
- Shrink-wrap packaging that keeps all components together
- UPC-A barcoding to help lower transaction costs

Refer to the following pages for more specific information about Bell® products.



Table 314.16(B) Volume Allowance Required per Conductor

Size of Conductor (AWG)	Free Space Within Box for Each Conductor	
	cm ³	in. ³
18	24.6	1.50
16	28.7	1.75
14	32.8	2.00
12	36.9	2.25
10	41.0	2.50
8	49.2	3.00
6	81.9	5.00

Calculate The Minimum Size Box

Article 314-16(B) describes in detail the method of counting wires, as well as clamps, fittings, or devices (i.e., switches, receptacles, combination devices) — by establishing an equivalent conductor-value for each. These values are added together to get a total number of conductors. The minimum size box is the smallest one in cubic inch size that can accommodate that number of conductors.

Points to Remember:

- 1.No matter how many ground wires come into a box, they only count as one conductor within the box.
- 2.Any wire running unbroken through the box counts as one wire.
- 3.Each wire coming into a splice device (crimp or twist-on type) is counted as one wire.
- 4.Each wire coming into the box and connecting to a device counts as one wire of that size.
- 5.Where devices are mounted in the box, the total conductor count must be increased by two for each mounting strap.

Example — Bell® Weatherproof

Supply power to a single switch with #14 conductors. Metal conduit will be used as the wire way. You must provide space for four conductors and one switch, totally a conductor count of 6. Read across the line in Table 314.16(B) for a #14 conductor. Multiply 6 times the free space within a box. For each conductor for a #14 conductor 2.00. This example requires a minimum box of 12.0 cubic inches.

SINGLE-GANG BOXES

DIE CAST ALUMINUM

Applications

- For use in branch circuit wiring in wet, damp, or dry locations
- May be used as a weatherproof junction box, or as a housing for receptacles, switches, and GFCI's

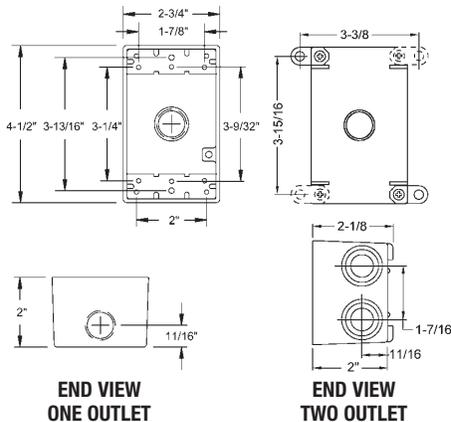
Product Features

- Reinforced connector outlets
- State-of-the-art powder coat finish
- Eight box mounting options with detachable lugs provided
- Two closure plugs included
- Ground screw installed
- Multi-lingual instructions in each package
- Internal threads on hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit.

Compliances

-  – Standard 514A
-  – C22.2 No. 18
- NEMA 3R Rated

SINGLE-GANG BOXES: GENERAL DIMENSIONS



5320-0 TO 5320-7
5324-0 TO 5324-5

5321-0 TO
5321-6, 5330-0

5322-0, 5331-0

5323-0, 5332-0

5385-0 TO
5387-0

WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

2" DEEP, WITH LUGS – THREE THREADED OUTLETS – 4-1/2" x 2-3/4"						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5320-0	18.3	Gray	3-1/2"	Shrink	20	
5320-1	18.3	White	3-1/2"	Shrink	20	
5320-2	18.3	Bronze	3-1/2"	Shrink	20	
5320-5	18.3	Gray	3-1/2"	Carded	6	
5320-6	18.3	White	3-1/2"	Carded	6	
5320-7	18.3	Bronze	3-1/2"	Carded	6	
5324-0	18.3	Gray	3-3/4"	Shrink	20	
5324-5	18.3	Gray	3-3/4"	Carded	6	

2" DEEP, WITH LUGS – FOUR THREADED OUTLETS – 4-1/2" x 2-3/4"						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5321-0	18.3	Gray	4-1/2"	Shrink	20	
5321-1	18.3	White	4-1/2"	Shrink	20	
5321-2	18.3	Bronze	4-1/2"	Shrink	20	
5321-5	18.3	Gray	4-1/2"	Carded	6	
5321-6	18.3	White	4-1/2"	Carded	6	
5330-0	18.3	Gray	4-3/4"	Shrink	20	

2" DEEP, WITH LUGS – FIVE THREADED OUTLETS – 4-1/2" x 2-3/4"						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5322-0	18.3	Gray	5-1/2"	Shrink	20	
5331-0	18.3	Gray	5-3/4"	Shrink	20	
5323-0	18.3	Gray	5-1/2"	Shrink	20	
5332-0	18.3	Gray	5-3/4"	Shrink	20	

2-5/8" DEEP, WITH LUGS – THREE THREADED OUTLETS – 4-1/2" x 2-3/4"						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5385-0	22.5	Gray	3-1/2"	Shrink	15	
5386-0	22.5	Gray	3-3/4"	Shrink	15	
5387-0	22.5	Gray	3-1"	Shrink	15	



C6

SINGLE-GANG EXTENSIONS AND ADAPTERS

DIE CAST ALUMINUM

WEATHERPROOF BOXES, COVERS AND LIGHTING

Applications

- Used to provide additional capacity needed for NEC box fill requirements
- Adapters allow installer to add "take-offs" to new boxes/devices

Product Features

- Installation hardware, gasket, and ground screw provided
- Closure plugs provided for two and six outlet styles
- Internal threads and hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit

Compliances

-  – Standard 514A
-  – C22.2 No. 18
- NEMA 3R Rated



5406-0



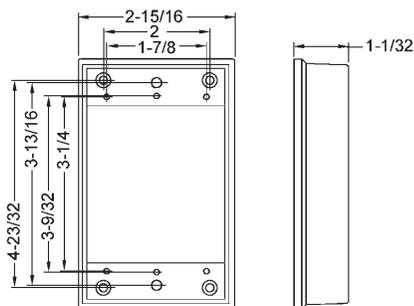
5399-0, 5403-0



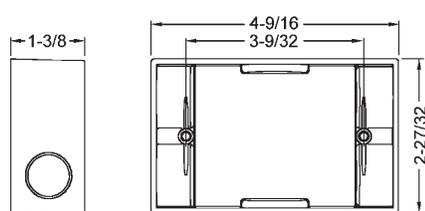
5400-0 TO 5400-5
5405-0

EXTENSIONS

CAT. NO. 5406-0



CAT. NO's. 5399-0, 5403-0



ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG EXTENSION – 4-1/2" x 2-3/4" x 1" DEEP

CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5406-0	9.5	Gray	—	Shrink	25	

No ground screw provided

SINGLE-GANG – EXTENSION ADAPTERS – 5-1/4" x 3-1/2" x 1-1/2" DEEP – TWO THREADED OUTLETS

CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5399-0	9.5	Gray	2-1/2"	Shrink	20	
5403-0	11.0	Gray	2-3/4"	Shrink	20	

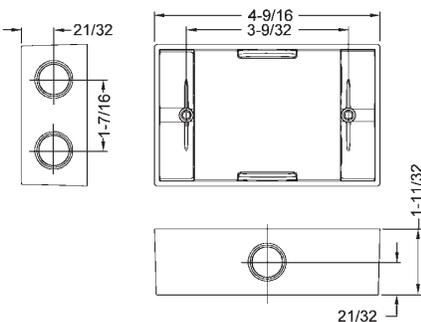
Includes one closure plug

SINGLE-GANG – EXTENSION ADAPTERS – 5-1/4" x 3-1/2" x 1-1/2" DEEP – SIX THREADED OUTLETS

CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5400-0	9.5	Gray	6-1/2"	Shrink	20	
5400-5	9.5	Gray	6-1/2"	Carded	6	
5405-0	11.0	Gray	6-3/4"	Shrink	20	

Includes three closure plugs

5400-0 SERIES



SINGLE-GANG EXTENSION ADAPTERS

DIE CAST ALUMINUM

Applications

- Used to provide additional capacity needed for NEC box fill requirements
- Allows installer to add "take-offs" to new boxes/devices

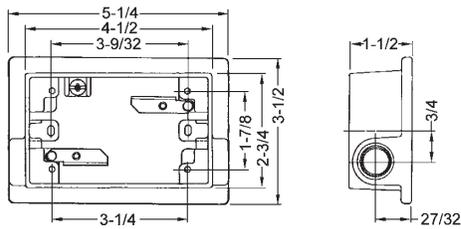
Product Features

- Unique swing-arm design speeds installation by allowing the installer better visibility when lining up and threading fasteners
- Rugged die cast construction
- Reinforced connector outlets
- State-of-the-art powder coat finish
- Installation hardware, ground screw and gasket provided
- Multi-lingual instructions in each package
- Internal threads and hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit

Compliances

-  – Standard 514A
-  – C22.2 No. 18
- NEMA 3R Rated

SWING ARM EXTENSION ADAPTERS CAT. NOS. 5412-0 TO 5415-0



5412-0, 5413-0



5414-0, 5415-0

ORDERING INFORMATION - DIMENSIONS

SWING-ARM – EXTENSION ADAPTERS – 5-1/4" x 3-1/2" x 1-1/2" DEEP – TWO THREADED OUTLETS

CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5412-0	13.8	Gray	2-1/2"	Shrink	10	
5413-0	13.8	Gray	2-3/4"	Shrink	10	

Includes one closure plug

SWING-ARM – EXTENSION ADAPTERS – 5-1/4" x 3-1/2" x 1-1/2" DEEP – SIX THREADED OUTLETS

CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5414-0	12.8	Gray	6-1/2"	Shrink	10	
5415-0	12.8	Gray	6-3/4"	Shrink	10	

Includes three closure plugs

WEATHERPROOF BOXES,
COVERS AND LIGHTING



C8

TWO-GANG BOXES

DIE CAST ALUMINUM

WEATHERPROOF BOXES, COVERS AND LIGHTING

Applications

- For use in branch circuit wiring in wet, damp, or dry locations
- Can be used as a weatherproof junction box, or as a housing for receptacles, switches, and GFCI's

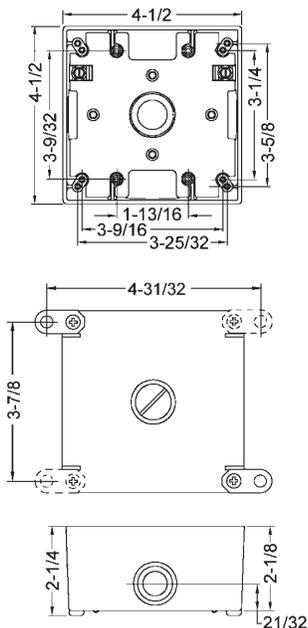
Product Features

- Seamless die cast aluminum construction
- Reinforced connector outlets
- State-of-the-art powder coat finish
- Eight box mounting options with detachable lugs provided
- Two closure plugs included
- Ground screws installed
- Multi-lingual instructions in each package
- Internal threads on hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit.

Compliances

- - Standard 514A
- - C22.2 No. 18
- NEMA 3R Rated

TWO-GANG BOXES GENERAL DIMENSIONS



5333-0, 5341-0



5335-0, 5343-0



5337-0 TO 5337-5,
5345-0



5334-0, 5342-0

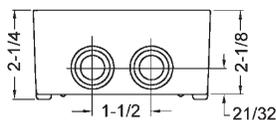
ORDERING INFORMATION - DIMENSIONS

2" DEEP, WITH LUGS - THREE THREADED OUTLETS - 4-1/2" x 4-1/2"						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5333-0	32.0	Gray	3-1/2"	Shrink	12	
5341-0	32.0	Gray	3-3/4"	Shrink	12	

2" DEEP, WITH LUGS - FOUR THREADED OUTLETS - 4-1/2" x 4-1/2"						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5335-0	31.0	Gray	4-1/2"	Shrink	12	
5343-0	31.0	Gray	4-3/4"	Shrink	12	

2" DEEP, WITH LUGS - FIVE THREADED OUTLETS - 4-1/2" x 4-1/2"						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5337-0	31.0	Gray	5-1/2"	Shrink	12	
5337-1	31.0	White	5-1/2"	Shrink	12	
5337-2	31.0	Bronze	5-1/2"	Shrink	12	
5337-5	31.0	Gray	5-1/2"	Carded	4	
5345-0	31.0	Gray	5-3/4"	Shrink	12	
5334-0	32.0	Gray	5-1/2"	Shrink	12	
5342-0	32.0	Gray	5-3/4"	Shrink	12	

END VIEW FOR STYLES WITH TWO OUTLETS ON ONE END



TWO-GANG BOXES

DIE CAST ALUMINUM

Applications

- For use in branch circuit wiring in wet, damp, or dry locations
- Can be used as a weatherproof junction box, or as a housing for receptacles, switches, and GFCI's

Product Features

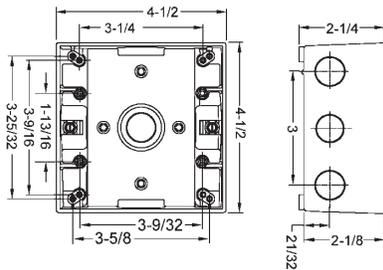
- Seamless die cast aluminum construction
- Reinforced connector outlets
- State-of-the-art powder coat finish
- Eight box mounting options with detachable plugs provided
- Two closure plugs included
- Ground screws installed
- Multi-lingual instructions in each package
- Internal threads and hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit

Compliances

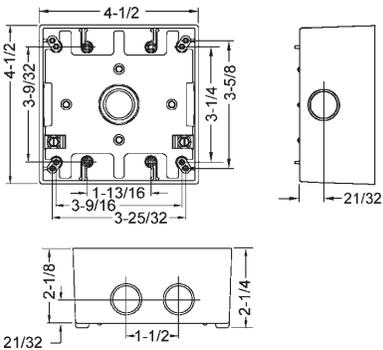
-  – Standard 514A
-  – C22.2 No. 18
- NEMA 3R Rated

TWO-GANG BOXES WITH 7 OUTLETS

CAT. NOS. 5340-0, 5348-0



CAT. NOS. 5338-0, 5346-0



5340-0, 5348-0



5338-0, 5346-0



5388-0, 5389-0

WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

2" DEEP, WITH LUGS – SEVEN THREADED OUTLETS – 4-1/2" x 4-1/2"						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5340-0	30.2	Gray	7-1/2"	Shrink	12	
5348-0	30.2	Gray	7-3/4"	Shrink	12	
5338-0	31.0	Gray	7-1/2"	Shrink	12	
5346-0	31.0	Gray	7-3/4"	Shrink	12	

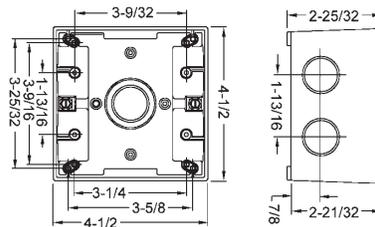
Includes two closure plugs

2-5/8" DEEP, WITH LUGS – FIVE THREADED OUTLETS – 4-1/2" x 4-1/2"						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5388-0	36.0	Gray	5-3/4"	Shrink	9	
5389-0	36.0	Gray	5-1"	Shrink	9	

Includes two closure plugs

TWO-GANG BOXES WITH 5 OUTLETS

CAT. NOS. 5388-0, 5389-0



C10

MULTI-GANG BOXES AND EXTENSIONS

DIE CAST ALUMINUM

WEATHERPROOF BOXES, COVERS AND LIGHTING

Two-Gang Extension Application

- Used to provide additional capacity needed for NEC box fill requirements

Two-Gang Extension Product Features

- Rugged seamless construction
- State-of-the-art powder coat finish
- Installation hardware and gasket provided
- Multi-lingual instructions in each package

Two-Gang Extension Compliances

- – Standard 514A
- – C22.2 No. 18
- NEMA 3R Rated

Three-Gang Box Applications

- For use in branch circuit wiring in wet, damp, or dry locations
- Can be used as a weatherproof junction box, or as a housing for receptacles, switches, and GFCI's

Three-Gang Box Product Features

- Seamless die cast aluminum construction
- Reinforced connector outlets
- State-of-the-art powder coat finish
- Eight box mounting options with detachable lugs provided
- Four closure plugs included
- Ground screws installed
- Multi-lingual instructions in each package
- Internal threads and hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit

Three-Gang Box Compliances

- – Standard 514A
- – C22.2 No. 18
- NEMA 3R Rated



5407-0



5390-0

ORDERING INFORMATION - DIMENSIONS

TWO-GANG EXTENSION – 4-21/32" x 4-21/32" x 1-1/32" DEEP

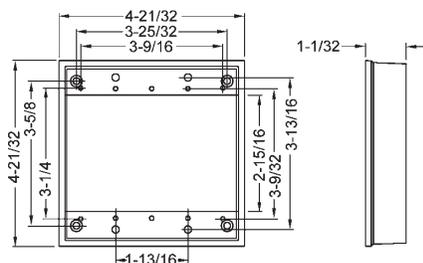
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5407-0	16.0	Gray	—	Shrink	10	

THREE-GANG BOX – 2-5/8" DEEP, WITH LUGS – SEVEN THREADED OUTLETS – 4-1/2" x 6-3/8"

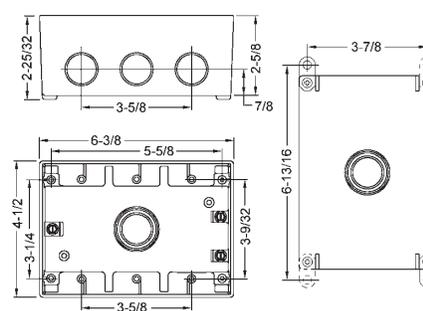
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5390-0	55.0	Gray	7-3/4"	Boxed	1	

Includes four closure plugs

TWO-GANG EXTENSION



THREE-GANG BOX



ROUND SPLICE BOXES AND EXTENSION ADAPTERS

DIE CAST ALUMINUM

4" Round Splice Boxes

Applications

- For use in branch circuit wiring in wet, damp, or dry locations
- Designed for use as a weatherproof junction box, and may be used with Bell® round cluster covers and round lampholder combinations

4" Round Splice Boxes

Product Features

- Rugged die cast construction
- Reinforced connector outlets
- State-of-the-art powder coat finish
- Cast-in mounting lugs provide fast, secure installation
- Includes four closure plugs, installed ground screw, and multi-lingual instructions

4" Round Splice Boxes

Compliances

- – Standard 514A
- – C22.2 No. 18
- NEMA 3R Rated

4" Round Extension Adapters

Applications

- For use with 4" round splice boxes
- Extension adapters are used to increase box capacity and allow the installer to add "take-offs" to new boxes/devices

4" Round Extension Adapters

Product Features

- Rugged die cast construction
- Reinforced connector outlets
- State-of-the-art powder coat finish
- Includes installation hardware, closure plugs, gasket, and multi-lingual instructions

4" Round Extension Adapters

Compliances

- – Standard 514A
- – C22.2 No. 18
- NEMA 3R Rated



5361-0 TO 5361-7,
5372-0



5363-0

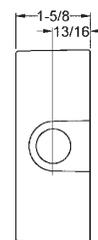
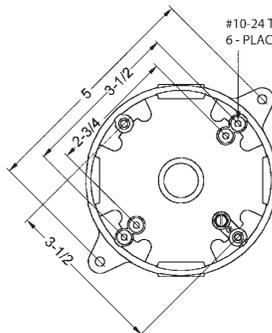
WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

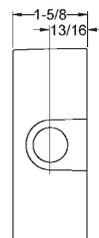
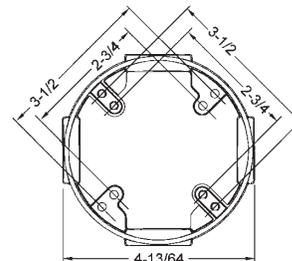
4" ROUND SPLICE BOX – FIVE THREADED OUTLETS – 1-1/2" DEEP						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5361-0	16.0	Gray	5-1/2"	Shrink	16	
5361-1	16.0	White	5-1/2"	Shrink	16	
5361-2	16.0	Bronze	5-1/2"	Shrink	16	
5361-5	16.0	Gray	5-1/2"	Carded	6	
5361-6	16.0	White	5-1/2"	Carded	6	
5361-7	16.0	Bronze	5-1/2"	Carded	6	
5372-0	16.0	Gray	5-3/4"	Shrink	16	

4" ROUND EXTENSION ADAPTER – FOUR THREADED OUTLETS – 1-1/2" DEEP						
CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5363-0	16.3	Gray	4-1/2"	Shrink	16	

4" ROUND SPLICE BOXES



4" ROUND EXTENSION ADAPTERS



C12

ROUND COVER

WEATHERPROOF BOXES,
COVERS AND LIGHTING

Application

- For use with 4" round splice boxes

Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish
- Includes installation hardware, gasket, and multi-lingual instructions

Compliances

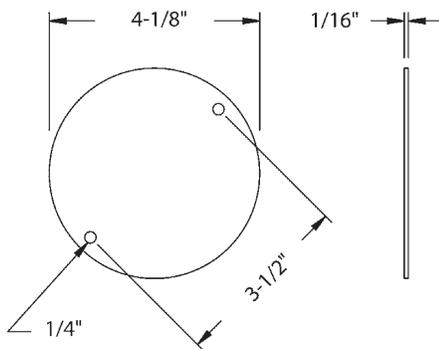
-  – Standard 514A
– C22.2 No. 18
- NEMA 3R Rated



5374-0

ORDERING INFORMATION - DIMENSIONS

4" ROUND COVER



4" ROUND COVER

CATALOG NUMBER	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
	COLOR	OUTLETS			
5374-0	Gray	Blank	Shrink	30	



SPECIALTY BOXES AND COVERS

Weatherproof Housing Application

- For telephone installations at pool-side, patio, garden or garage

Weatherproof Housing Product Features

- Kit comes complete — all you add is the telephone jack
- Rugged seamless die cast construction will not allow entry of moisture
- State-of-the-art powder coated finish provides for maximum weather-ability and scratch resistance
- Multi-lingual installation instructions included



5378RAC

WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

WEATHERPROOF HOUSING – 2" DEEP, TELEPHONE USE					
CATALOG NUMBER	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
	COLOR	OUTLETS			
5378RAC	Gray	3-1/2"	Box	25	

Yoke, gasket and cord grip connectors included

C14

SPECIALTY BOXES AND COVERS

WEATHERPROOF BOXES, COVERS AND LIGHTING

Mini Snap Cover and Receptacle Application

- For use when a convenience outlet is required in a small space

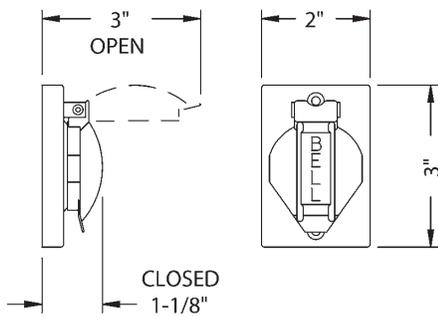
Mini Snap Cover and Receptacle Product Features

- State-of-the-art powder coat finish
- Self-closing lid assures weatherproof protection when the receptacle is not in use



5185-0

COVER CAT. NO. 5185-0



ORDERING INFORMATION - DIMENSIONS

MINI SNAP COVER AND RECEPTACLE – 3" x 2" x 1-1/8" DEEP

CATALOG NUMBER	CUBIC IN.	DESCRIPTION		PKG. TYPE	STD. PKG.	UPC BAR CODE
		COLOR	OUTLETS			
5185-0	—	Gray	Cover & 125V 15A receptacle	Polybag	10	



RAYNTITE[®] M.R. SRT SINGLE-GANG WEATHERPROOF-WHILE-IN-USE COVERS

POLYCARBONATE

Application

- Rayntite[®] M.R. SRT covers are designed for use whenever weatherproof protection is required while an outlet is in use

Product Features

- Modularity: 6 SKU's cover almost every application — no need to tie-up money and shelf space stocking multiple SKU's
- Unique snap fit design speeds installation. No more fumbling with open covers
- High-impact polycarbonate construction: Virtually indestructible
- No need to worry about rust and corrosion
- Tinted lid: Hides dust, dirt, and scratches
- Padlockable design: Prevents tampering and accidental disconnects
- Tri-lingual instructions: One product for all North American markets
- Covers can be either device or box mounted — allows for installation flexibility
- Meets NEC 406.8 (B) requirements — no need to worry about Code compliances

Compliances

-  UL US
- NEMA 3R Rated
- Meets NEC 406.8 (B) Requirements

Reference Data

- Canadian Patent 2,092, 516
- United States Patents
5,981, 875
5,533, 637
5,456, 377
5,228, 584

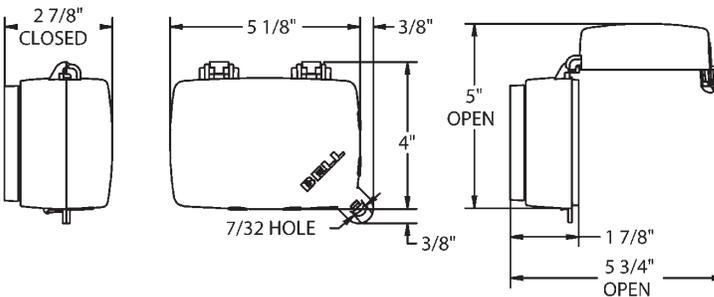
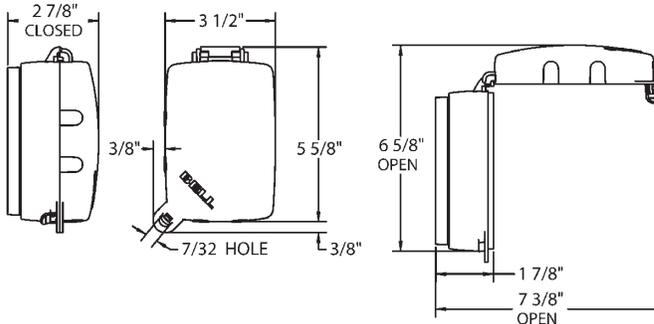


WEATHERPROOF BOXES, COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG – STANDARD DEPTH				
CATALOG NUMBER	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5730-0	Single gang vertical cover with 4 plates included - for duplex, GFCI, toggle and single round receptacles 1.344, 1.406, 1.468, 1.593, 1.655, 1.719, 2.032 and 2.156 Dia.	Shrink	10	
5740-0	Single gang horizontal cover with 4 plates included - for duplex, GFCI, toggle and single round receptacles 1.344, 1.406, 1.468, 1.593, 1.655, 1.719, 2.032 and 2.156 Dia.	Shrink	10	

CAT. NOS. 5730-0, 5740-0



C16**RAYNTITE® M.R. SRT SINGLE-GANG WEATHERPROOF-WHILE-IN-USE COVERS****POLYCARBONATE****WEATHERPROOF BOXES,
COVERS AND LIGHTING****Application**

- Rayntite® M.R. SRT covers are designed for use whenever weatherproof protection is required while an outlet is in use

Product Features

- Modularity: 6 SKU's cover almost every application — no need to tie-up money and shelf space stocking multiple SKU's
- Unique snap fit design speeds installation. No more fumbling with open covers
- High-impact polycarbonate construction: Virtually indestructible
- No need to worry about rust and corrosion
- Tinted lid: Hides dust, dirt, and scratches
- Padlockable design: Prevents tampering and accidental disconnects
- Tri-lingual instructions: One product for all North American markets
- Covers can be either device or box mounted — allows for installation flexibility
- Meets NEC 406.8 (B) requirements — no need to worry about Code compliances

Compliances

-  UL US
- NEMA 3R Rated
- Meets NEC 406.8 (B) Requirements

Reference Data

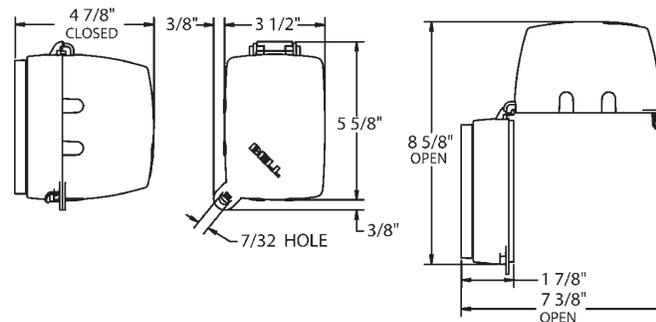
- Canadian Patent 2,092, 516
- United States Patents
5,981, 875
5,533, 637
5,456, 377
5,228, 584



5735-0

ORDERING INFORMATION - DIMENSIONS**SINGLE-GANG – DEEP**

CATALOG NUMBER	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5735-0	Single gang vertical cover- Deep with 4 plates included - for duplex, GFCI, toggle and single round receptacles 1.344, 1.406, 1.468, 1.593, 1.655, 1.719, 2.032 and 2.156 Dia.	Shrink	6	

CAT. NO. 5735-0

RAYNTITE® M.R. SRT TWO-GANG WEATHERPROOF-WHILE-IN-USE COVERS

POLYCARBONATE

Application

- Rayntite® M.R. SRT covers are designed for use whenever weatherproof protection is required while an outlet is in use

Product Features

- Modularity: 6 SKU's cover almost every application — no need to tie-up money and shelf space stocking multiple SKU's
- Unique snap fit design speeds installation. No more fumbling with open covers
- Two-gang plates can be mounted vertically or horizontally
- High-impact polycarbonate construction: Virtually indestructible
- No need to worry about rust and corrosion
- Tinted lid: Hides dust, dirt, and scratches
- Padlockable design: Prevents tampering and accidental disconnects
- Tri-lingual instructions: One product for all North American markets
- Covers can be either device or box mounted — allows for installation flexibility
- Meets NEC 406.8 (B) requirements — no need to worry about Code compliances

Compliances

- UL US
- NEMA 3R Rated
- Meets NEC 406.8 (B) Requirements

Reference Data

- Canadian Patent 2,092, 516
- United States Patents
5,981, 875
5,533, 637
5,456, 377
5,228, 584



WEATHERPROOF BOXES, COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

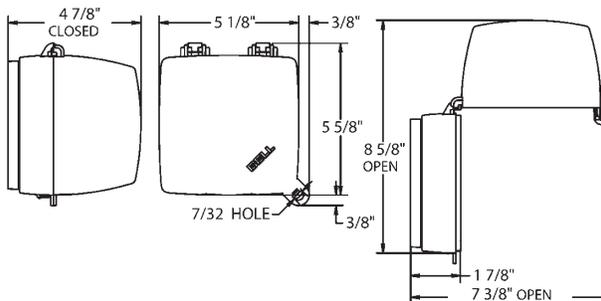
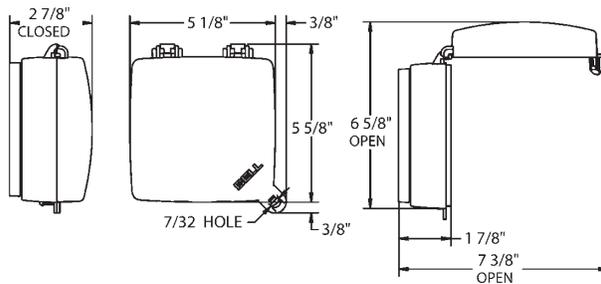
TWO-GANG – STANDARD DEPTH

CATALOG NUMBER	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5775-0	Two-gang vertical cover- with 4 plates included - for duplex, and single round receptacles 1.344, 1.406, 1.468, 1.593, 1.655, 1.719, 2.032 and 2.156 Dia.	Shrink	5	

TWO-GANG – DEEP

CATALOG NUMBER	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5790-0	Two-gang vertical cover- Deep with 4 plates included - for duplex, and single round receptacles 1.344, 1.406, 1.468, 1.593, 1.655, 1.719, 2.032 and 2.156 Dia.	Shrink	3	

GAT. NOS. 5775-0, 5790-0



C18**RAYNTITE® M.R. SRT TWO-GANG WEATHERPROOF-WHILE-IN-USE COVERS****POLYCARBONATE****WEATHERPROOF BOXES,
COVERS AND LIGHTING****Application**

- Rayntite® M.R. SRT covers are designed for use whenever weatherproof protection is required while an outlet is in use

Product Features

- Modularity: 6 SKU's cover almost every application — no need to tie-up money and shelf space stocking multiple SKU's
- Unique snap fit design speeds installation. No more fumbling with open covers
- Two-gang plates can be mounted vertically or horizontally
- High-impact polycarbonate construction: Virtually indestructible
- No need to worry about rust and corrosion
- Tinted lid: Hides dust, dirt, and scratches
- Padlockable design: Prevents tampering and accidental disconnects
- Tri-lingual instructions: One product for all North American markets
- Covers can be either device or box mounted — allows for installation flexibility
- Meets NEC 406.8 (B) requirements — no need to worry about Code compliances

Compliances

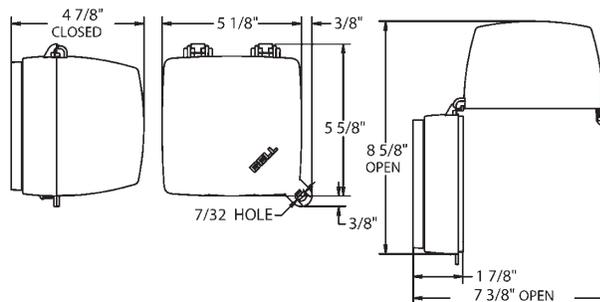
-  **UL US**
- NEMA 3R Rated
- Meets NEC 406.8 (B) Requirements

Reference Data

- Canadian Patent 2,092, 516
- United States Patents
5,981, 875
5,533, 637
5,456, 377
5,228, 584

**5795-0****ORDERING INFORMATION - DIMENSIONS**

TWO-GANG – DEEP				
CATALOG NUMBER	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5795-0	Two-gang vertical cover-Deep with 2 plates included - for single round receptacles 1.344, 1.406, 1.468, 1.593, 1.655, 1.719, 2.032 and 2.156 Dia.	Shrink	3	

CAT. NOs. 5795-0

RAYNTITE® SINGLE-GANG DEVICE COVERS

DIE CAST ALUMINUM

Application

- For use whenever weatherproof protection is required for an outdoor receptacle

Product Features

- Rugged die cast construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance
- Self-closing lids assure weatherproof protection when the receptacle is not in use
- Vertical mount covers are padlockable
- May be mounted to box or device
- Includes installation hardware, gasket, and multi-lingual instructions

Compliances

-  – Standard 514A
-  – C22.2 No. 18
- NEMA 3R Rated



5001-0



5002-0



5026-0



5027-0



5028-0 TO 5028-6



5029-0, 5030-0



5031-0

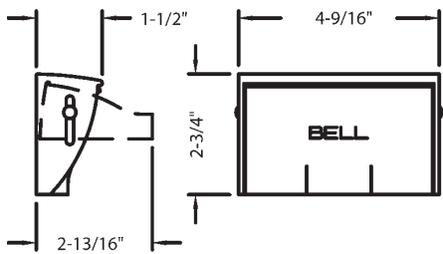
WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

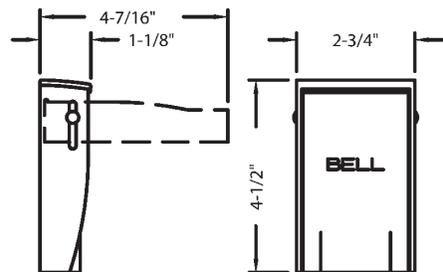
HORIZONTAL MOUNT					
CATALOG NUMBER	COLOR	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5001-0	Gray	Duplex	Shrink	24	
5002-0	Gray	GFCI	Shrink	24	

VERTICAL MOUNT – PADLOCKABLE					
CATALOG NUMBER	COLOR	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5026-0	Gray	Single, 1.593" diameter	Shrink	24	
5027-0	Gray	Duplex	Shrink	24	
5028-0	Gray	GFCI	Shrink	24	
5028-5	Gray	GFCI	Carded	6	
5028-6	White	GFCI	Carded	6	
5029-0	Gray	20A, 1.710" diameter	Shrink	12	
5030-0	Gray	30-50A, 2.150" diameter	Shrink	12	
5031-0	Gray	Single, 1.406" diameter	Shrink	12	

HORIZONTAL MOUNT COVERS



VERTICAL MOUNT COVERS



C20

RAYNTITE® TWO-GANG DEVICE COVERS

DIE CAST ALUMINUM

WEATHERPROOF BOXES, COVERS AND LIGHTING

Application

- For use whenever weatherproof protection is required for an outdoor receptacle

Product Features

- Rugged die cast construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance
- Self-closing lids assure weatherproof protection when the receptacle is not in use
- Covers are padlockable, 1/4" dia. hole
- May be mounted to box or device
- Includes installation hardware, gasket, and multi-lingual instructions

Compliances

-  – Standard 514A
-  – C22.2 No. 18
- NEMA 3R Rated

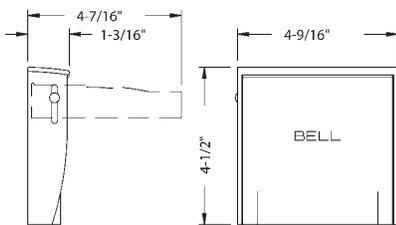


ORDERING INFORMATION - DIMENSIONS

VERTICAL MOUNT – PADLOCKABLE

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5032-0	Gray	(2) Duplex	Shrink	6	
5033-0	Gray	(1) Duplex & (1) GFCI	Shrink	6	
5034-0	Gray	(1) 30-50A Receptacle 2.625" diameter	Shrink	6	
5036-0	Gray	(1) 30-50A Receptacle 2.156" diameter	Shrink	6	
5038-0	Gray	(2) Receptacles, 1.406" diameter	Shrink	6	
5040-0	Gray	(1) Single Receptacle, 1.406" diameter & (1) GFCI	Shrink	6	
5041-0	Gray	(2) Toggle	Shrink	6	
5042-0	Gray	(1) Toggle & (1) Duplex	Shrink	6	
5043-0	Gray	(1) Toggle & (1) GFCI	Shrink	6	
5045-0	Gray	(2) GFCI	Shrink	6	

TWO-GANG DEVICE COVERS



SINGLE-GANG DEVICE COVERS

Application

- For use whenever weatherproof protection is required for an outdoor receptacle

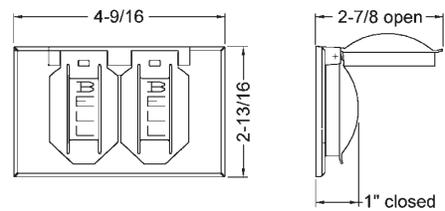
Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance
- Self-closing lids assure weatherproof protection when the receptacle is not in use
- Includes installation hardware, gasket, and multi-lingual instructions

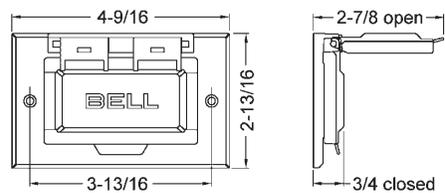
Compliances

-  - Standard 514A - C22.2 No. 18
- NEMA 3R Rated

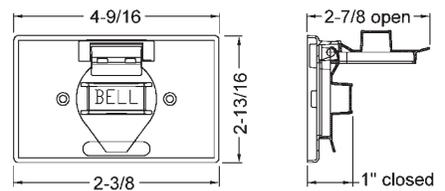
CAT. Nos. 5180-0 SERIES, 5712-5, 5094-0



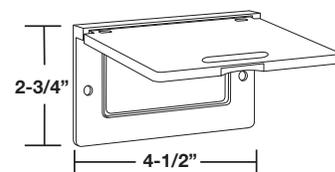
CAT. NO. 5101-0 SERIES



CAT. NO. 5152-0



CAT. NO. 5102-0



WEATHERPROOF BOXES, COVERS AND LIGHTING

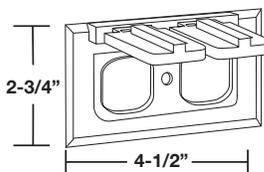
ORDERING INFORMATION - DIMENSIONS

HORIZONTAL - DEVICE MOUNT					
CATALOG NUMBER	COLOR	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5180-0	Gray	Duplex	Shrink	24	
5180-1	White	Duplex	Shrink	24	
5180-2	Bronze	Duplex	Shrink	24	
5180-5	Gray	Duplex	Carded	6	
5180-6	White	Duplex	Carded	6	
5180-7	Bronze	Duplex	Carded	6	
5181-0	Gray	Duplex	Shrink	24	
5101-0*	Gray	GFCI	Shrink	24	
5101-1*	White	GFCI	Shrink	24	
5101-2*	Bronze	GFCI	Shrink	24	
5101-5*	Gray	GFCI	Carded	6	
5101-6*	White	GFCI	Carded	6	
5101-7*	Bronze	GFCI	Carded	6	
5102-0	Gray	GFCI	Shrink	24	
5152-0	Gray	Single, 1.406" diameter	Shrink	24	
5153-0	Gray	Motor plug base, 1.600" diameter, 125V, 15A wiring device included	Shrink	12	
5712-5*	Gray	125V, 15A Duplex receptacle included	Carded	6	

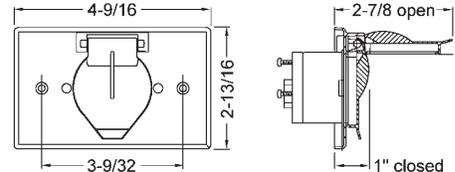
* C/UL Listed

HORIZONTAL - BOX MOUNT					
CATALOG NUMBER	COLOR	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5094-0	Gray	Duplex	Shrink	24	

CAT. NO. 5181-0



CAT. NO. 5153-0



G22

DEVICE KITS

WEATHERPROOF BOXES,
COVERS AND LIGHTING**Application**

- For use in wet, damp, or dry locations

Product Features

- Each kit is a convenient, complete weatherproof installation — no need to purchase separate components
- Easy to follow multi-lingual instructions included

Compliances

-  – Standard 514A
-  – (5874 Series)



5839-5 TO 5839-7



5874-5 TO 5874-6

ORDERING INFORMATION - DIMENSIONS**DEVICE KITS – HORIZONTAL MOUNT**

CATALOG NUMBER	COLOR	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5839-5	Gray	Duplex	Box	4	
5839-6	White	Duplex	Box	4	
5839-7	Bronze	Duplex	Box	4	
5874-5	Gray	GFCI	Box	4	
5874-6	White	GFCI	Box	4	

Includes 125V, 15A receptacle, single-gang box, cover and gasket

SINGLE-GANG DEVICE COVERS

Application

- For use whenever weatherproof protection is required for an outdoor receptacle

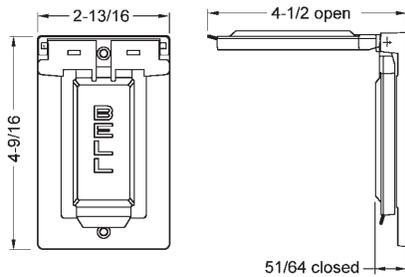
Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance
- Self-closing lids assure weatherproof protection when the receptacle is not in use
- Includes installation hardware, gasket, and multi-lingual instructions

Compliances

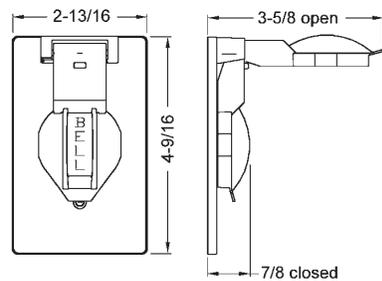
-  US
- NEMA 3R Rated

GFCI STYLE COVERS

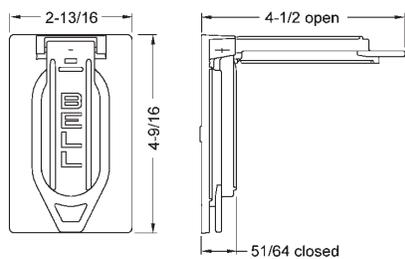


SINGLE RECEPTACLE STYLE COVERS

NOTE: DIMENSIONS FOR DEVICE-MOUNT AND BOX-MOUNT COVERS ARE THE SAME



DUPLEX STYLE COVER



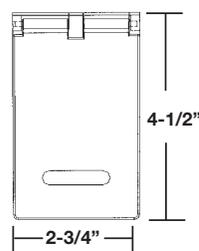
WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

VERTICAL - DEVICE MOUNT					
CATALOG NUMBER	COLOR	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5146-0	Gray	Duplex	Shrink	24	
5146-1	White	Duplex	Shrink	24	
5146-5	Gray	Duplex	Carded	6	
5147-0	Gray	Duplex	Shrink	24	
5103-0	Gray	GFCI	Shrink	24	
5103-1	White	GFCI	Shrink	24	
5103-2	Bronze	GFCI	Shrink	24	
5103-5	Gray	GFCI	Carded	6	
5103-6	White	GFCI	Carded	6	
5103-7	Bronze	GFCI	Carded	6	
5104-0	Gray	GFCI	Shrink	24	
5155-0	Gray	Single, 1.406" diameter	Shrink	24	
5155-1	White	Single, 1.406" diameter	Shrink	24	
5155-2	Bronze	Single, 1.406" diameter	Shrink	24	
5155-5	Gray	Single, 1.406" diameter	Carded	6	
5155-6	White	Single, 1.406" diameter	Carded	6	

VERTICAL - BOX MOUNT					
CATALOG NUMBER	COLOR	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5095-0	Gray	Duplex	Shrink	24	
5091-0	Gray	Single, 1.406" diameter	Shrink	24	

CAT. NO. 5104-0, 5147-0



C24

SINGLE-GANG BLANK COVERS AND MINI-PLATE

WEATHERPROOF BOXES, COVERS AND LIGHTING

Blank Covers Application

- For use whenever weatherproof protection is required for a single-gang box

Blank Covers Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance

Blank Covers Compliances

-  US
- NEMA 3R Rated

Mini-Plate Applications

- For use with light poles
- Provides a safe and convenient means of accessing power for holiday lighting, power tools, and the like

Mini-Plate Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance
- Self-closing lid assures weatherproof protection when receptacle is not in use
- Includes installation hardware and receptacle



5173-0 TO 5173-7



5174-0



5183-0

ORDERING INFORMATION - DIMENSIONS

BLANK COVERS – DEVICE MOUNT

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5173-0	Gray	Blank Cover	Shrink	50	
5173-1	White	Blank Cover	Shrink	50	
5173-5	Gray	Blank Cover	Carded	12	
5173-6	White	Blank Cover	Carded	12	
5173-7	Bronze	Blank Cover	Carded	12	

BLANK COVERS – BOX MOUNT

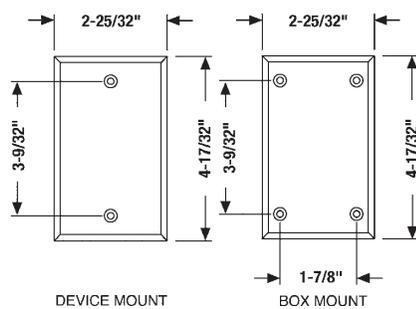
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5174-0	Gray	Blank Cover	Shrink	50	

MINI-PLATE

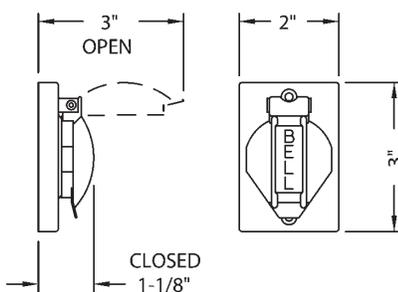
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5183-0	Black	Curved back, 1-1/2" radius - for 3" dia. pole mounting	Shrink	48	

Includes 125V, 15A 3-wire receptacle

BLANK COVERS



MINI-PLATE



TWO-GANG DEVICE COVERS

Application

- For use whenever weatherproof protection is required for an outdoor receptacle

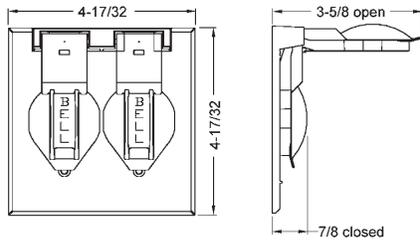
Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance
- Self-closing lids assure weatherproof protection when the receptacle is not in use
- Includes installation hardware, gasket, and multi-lingual instructions

Compliances

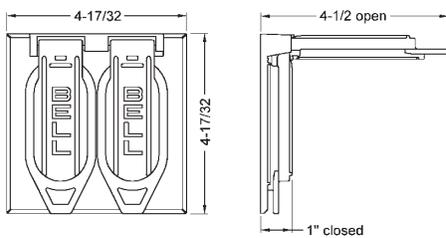
- - Standard 514A (5132 - 5145)
- - C22.2 (5132 - 5145)
- NEMA 3R Rated

5157-0, 5092-0

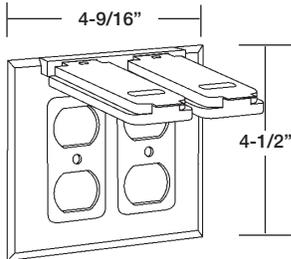


TWO-GANG DEVICE COVERS

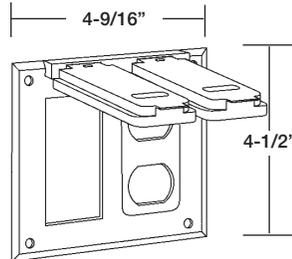
5148-0 SERIES, 5096-0, 5160-0, 5098-0



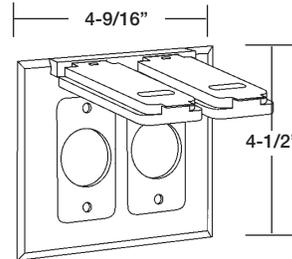
5132-0



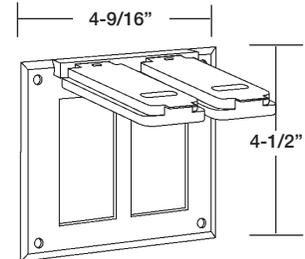
5133-0



5138-0



5145-0



NOTE: DIMENSIONS ARE THE SAME FOR DEVICE MOUNT AND BOX MOUNT STYLES SHOWN. 5157-0 SERIES, 5092-0



WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

DEVICE MOUNT					
CATALOG NUMBER	COLOR	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5132-0	Gray	(2) Duplex	Shrink	10	
5138-0	Gray	(2) Round, 1.406" Dia.	Shrink	10	
5148-0	Gray	(2) Duplex	Shrink	18	
5148-5	Gray	(2) Duplex	Carded	4	
5157-0	Gray	(2) Single, 1.406" dia.	Shrink	18	
5160-0	Gray	(1) Duplex & (1) Single, 1.406" dia.	Shrink	12	

BOX MOUNT					
CATALOG NUMBER	COLOR	RECEPTACLE TYPE	PKG. TYPE	STD. PKG.	UPC BAR CODE
5096-0	Gray	(2) Duplex	Shrink	12	
5092-0	Gray	(2) Single, 1.406" dia.	Shrink	12	
5098-0	Gray	(1) Duplex & (1) Single, 1.406" dia.	Shrink	12	
5133-0	Gray	(1) Duplex, (1) GFCI	Shrink	10	
5145-0	Gray	(2) GFCI	Shrink	10	



C26

TWO AND THREE GANG DEVICE COVERS

WEATHERPROOF BOXES, COVERS AND LIGHTING

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle
- Blank covers for use whenever weatherproof protection is required for a multi-gang box

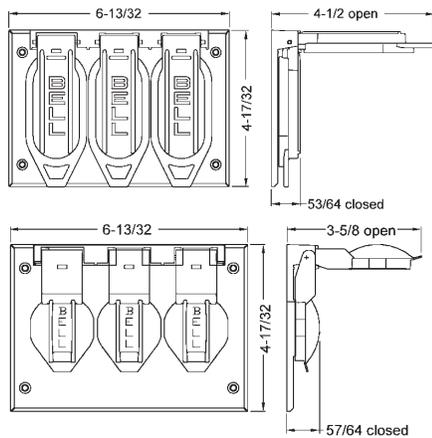
Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance
- Self-closing lids assure weatherproof protection when the receptacle is not in use
- Includes installation hardware, gasket, and multi-lingual instructions

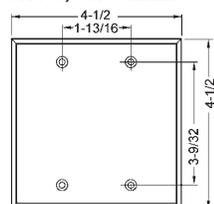
Compliances

-  US
- NEMA 3R Rated

THREE-GANG DEVICE COVERS 5097-0 AND 5093-0



BLANK COVERS 5177-0, 5175 SERIES



NOTE: DIMENSIONS ARE THE SAME FOR DEVICE MOUNT AND BOX MOUNT STYLES SHOWN.



ORDERING INFORMATION - DIMENSIONS

THREE-GANG DEVICE COVER – BOX MOUNT					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5097-0	Gray	(3) Duplex	Boxed	1	
5093-0	Gray	(3) Single, 1.406" dia.	Boxed	1	

THREE-GANG BLANK COVER – BOX MOUNT					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5177-0	Gray	Blank Cover	Boxed	10	

TWO-GANG BLANK COVER – DEVICE MOUNT					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5175-0	Gray	Blank Cover	Shrink	25	
5175-1	White	Blank Cover	Shrink	25	
5175-2	Bronze	Blank Cover	Shrink	25	
5175-5	Gray	Blank Cover	Carded	6	



SINGLE-GANG LEVER SWITCH COVERS

Application

- For use whenever weatherproof protection is required for an “on-off” type switch

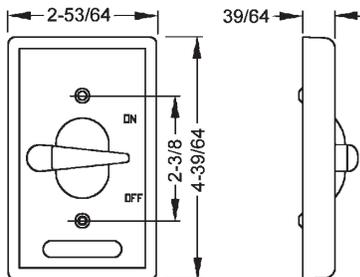
Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance
- Includes installation hardware and multi-lingual instructions.
- Single-gang covers are supplied with a switch — no need to purchase separate components
- Switch/cover units are supplied with the switch unassembled to the cover

Compliances

-  – Standard 514A
-  – Certified
- NEMA 3R Rated

SINGLE-GANG
5121 SERIES
5141 SERIES
CAT. NOS. 5128-0, 5137-0



5121-0 TO 5121-5
 5141-0 TO 5141-5
 5128-0, 5137-0

WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG SWITCH COVERS – VERTICAL – DEVICE MOUNTED					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5121-0	Gray	SP 125V, 10A	Shrink	24	
5121-1	White	SP 125V, 10A	Shrink	24	
5121-2	Bronze	SP 125V, 10A	Shrink	24	
5121-5	Gray	SP 125V, 10A	Carded	6	
5141-0	Gray	3-Way 125V, 6A or 250V, 3A	Shrink	8	
5141-5	Gray	3-Way 125V, 6A or 250V, 3A	Carded	6	
5128-0	Gray	SP 120-277VAC, 20A	Shrink	20	
5137-0	Gray	DP 120-277VAC, 20A	Shrink	20	



C28

TWO-GANG LEVER SWITCH COVERS

WEATHERPROOF BOXES, COVERS AND LIGHTING

Application

- For use whenever weatherproof protection is required for an “on-off” type switch

Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance
- Includes installation hardware and multi-lingual instructions.
- Most units supplied with a switch — no need to purchase separate components
- Switch/cover units are supplied with the switch unassembled to the cover

Compliances

-  – Standard 514A
-  – Certified
- NEMA 3R Rated



5124-0

5166-0 TO 5166-5

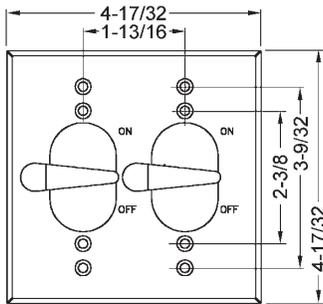
5125-0

5167-0

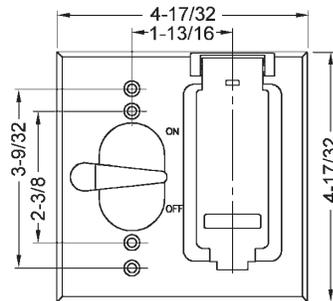
ORDERING INFORMATION - DIMENSIONS

TWO-GANG SWITCH COVERS – DEVICE MOUNTED					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5124-0	Gray	(2) SP 125V, 10A	Shrink	8	
5125-0	Gray	Cover only	Shrink	8	
5166-0	Gray	(1) SP 125V, 10A & (1) Duplex receptacle	Shrink	8	
5166-5	Gray	(1) SP 125V, 10A & (1) Duplex receptacle	Carded	4	
5167-0	Gray	2 Gang, Switch/GFCI Cover box mount	Shrink	8	

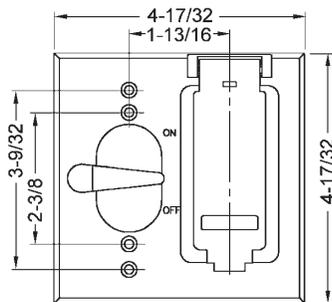
TWO-GANG CAT. NO. 5124-0, 5125 SERIES



TWO-GANG 5167 SERIES



TWO-GANG 5166 SERIES



THREE-GANG LEVER SWITCH COVER & REPLACEMENT SWITCH

Three-Gang Lever Switch Cover Application

- For use whenever weatherproof protection is required for an “on-off” type switch

Three-Gang Lever Switch Cover Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch resistance
- Includes installation hardware and multi-lingual instructions.
- Three-gang cover is supplied with switches — no need to purchase separate components
- Switch/cover units are supplied with the switch unassembled to the cover

Three-Gang Lever Switch Cover Compliances

-  UL
- NEMA 3R Rated (5126-0 only)



5126-0



5201-0

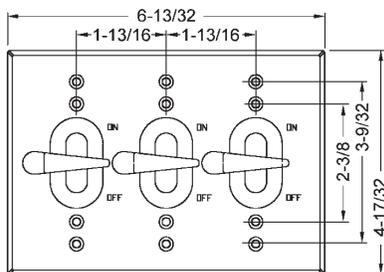
WEATHERPROOF BOXES, COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

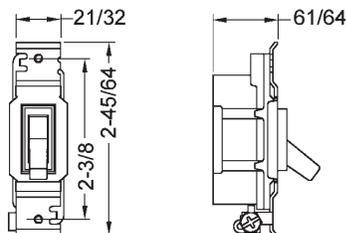
THREE-GANG SWITCH COVER – DEVICE MOUNT					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5126-0	Gray	(3) SP 125V, 10A	Boxed	1	

LEVER SWITCH COVER – ACCESSORIES					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5201-0	—	SP 125V, 10A Toggle switch	Polybag	10	

THREE-GANG CATALOG NO. 5126-0



TOGGLE SWITCH CATALOG NOS. 5201-0



C30

CLUSTER COVERS

DIE CAST

WEATHERPROOF BOXES, COVERS AND LIGHTING

Applications

- For use with Bell® single-gang rectangular or round weather-proof boxes
- Cluster covers provide an easy means of mounting Bell® lampholders and other accessories

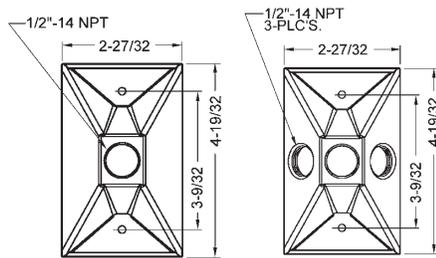
Product Features

- Rugged die cast construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch-resistance
- Includes installation hardware, gasket, and multi-lingual instructions
- Three-hole covers are supplied with two closure plugs

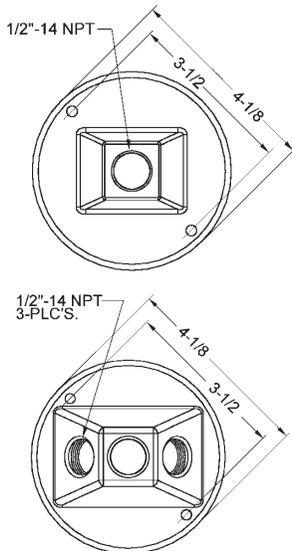
Compliances

- – Standard 514A
- – Certified - C22.2 #18

RECTANGULAR CLUSTER COVERS 5186 SERIES, 5189 SERIES



ROUND CLUSTER COVERS 5193 SERIES, 5197 SERIES



5186-0 TO 5186-7



5193-0 TO 5193-7



5189-0 TO 5189-7



5197-0 TO 5197-7

ORDERING INFORMATION - DIMENSIONS

RECTANGULAR CLUSTER – COVERS

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5186-0	Gray	1-1/2" Outlet	Shrink	20	
5186-1	White	1-1/2" Outlet	Shrink	20	
5186-2	Bronze	1-1/2" Outlet	Shrink	20	
5186-5	Gray	1-1/2" Outlet	Carded	6	
5186-6	White	1-1/2" Outlet	Carded	6	
5186-7	Bronze	1-1/2" Outlet	Carded	6	
5189-0	Gray	3-1/2" Outlets	Shrink	20	
5189-1	White	3-1/2" Outlets	Shrink	20	
5189-2	Bronze	3-1/2" Outlets	Shrink	20	
5189-5	Gray	3-1/2" Outlets	Carded	6	
5189-6	White	3-1/2" Outlets	Carded	6	
5189-7	Bronze	3-1/2" Outlets	Carded	6	

4" ROUND CLUSTER – COVERS

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5193-0	Gray	1-1/2" Outlet	Shrink	20	
5193-1	White	1-1/2" Outlet	Shrink	20	
5193-2	Bronze	1-1/2" Outlet	Shrink	20	
5193-5	Gray	1-1/2" Outlet	Carded	6	
5193-6	White	1-1/2" Outlet	Carded	6	
5193-7	Bronze	1-1/2" Outlet	Carded	6	
5197-0	Gray	3-1/2" Outlets	Shrink	20	
5197-1	White	3-1/2" Outlets	Shrink	20	
5197-2	Bronze	3-1/2" Outlets	Shrink	20	
5197-5	Gray	3-1/2" Outlets	Carded	6	
5197-6	White	3-1/2" Outlets	Carded	6	
5197-7	Bronze	3-1/2" Outlets	Carded	6	



LAMP HOLDERS

DIE CAST

Applications

- For outdoor or indoor lighting use
- May be used with Bell® cluster covers and boxes

Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch-resistance
- Locking swivel knuckle assures positive lamp positioning and provides pin-point directional aiming
- Extra long wire leads for easy hook-up
- Each lampholder supplied with a porcelain socket, inside gasket, 1/2" locknut and multi-lingual instructions

Compliances

-  – Standard 1598
-  – Certified C22.2 No. 18

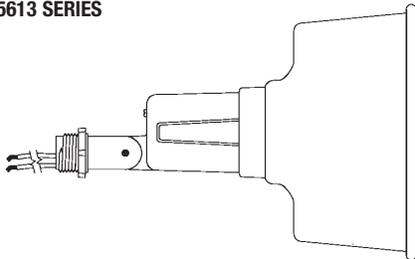


WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

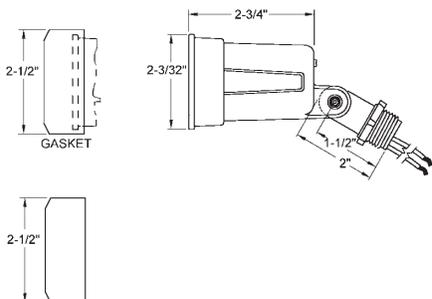
LAMP HOLDERS AND ACCESSORIES FOR 75-150 WATT PAR 38 LAMPS					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5606-0	Gray	Lampholder	Shrink	30	
5606-1	White	Lampholder	Shrink	30	
5606-2	Bronze	Lampholder	Shrink	30	
5606-5	Gray	Lampholder	Carded	6	
5606-6	White	Lampholder	Carded	6	
5606-7	Bronze	Lampholder	Carded	6	
5612-0	Gray	Lampholder w/gasket	Shrink	30	
5611-0	—	Outer gasket only, replacement gasket for 5612-0	Polybag	30	
5615-0	—	Wire guard only	Shrink	5	

5613 SERIES



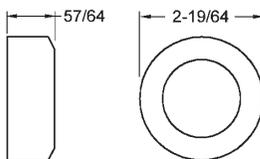
LAMP HOLDERS

5606 SERIES, 5612-0

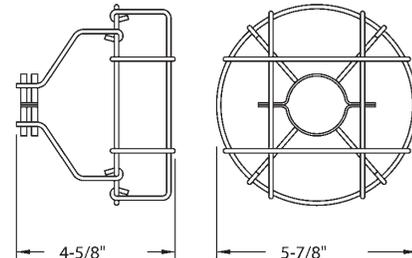


ARCHITECTURAL LAMP HOLDERS FOR 75-150 WATT PAR 38 LAMPS					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5613-0	Gray	Lampholder	Shrink	4	
5613-1	White	Lampholder	Shrink	4	
5613-2	Bronze	Lampholder	Shrink	4	

CATALOG NO. 5611-0



CATALOG NO. 5615-0



C32

LAMPHOLDERS

WEATHERPROOF BOXES, COVERS AND LIGHTING

Portable Lampholder

Application

- For general outdoor lighting use

Portable Lampholder

Product Features

- Rugged die-cast construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch-resistance
- Locking swivel knuckle assures positive lamp positioning and provides pin-point directional aiming

Portable Lampholder

Compliances

-  US

Bullet Lampholder

Application

- For general outdoor lighting use
- May be used with BELL cluster covers and boxes

Bullet Lampholder

Product Features

- Rugged die cast
- Locking swivel knuckle
- Assure positive lamp positioning and provides pinpoint directional aiming
- Includes installation hardware and multilingual instructions

Bullet Lampholder

Compliances

-  US



5792-0



5820-8

ORDERING INFORMATION - DIMENSIONS

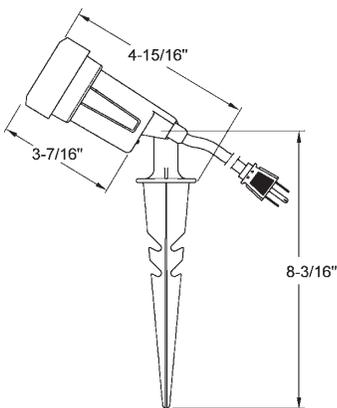
PORTABLE LAMPHOLDER ASSEMBLY

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5792-0	Gray	Spike, 6 ft. cord & plug	Polybag	12	

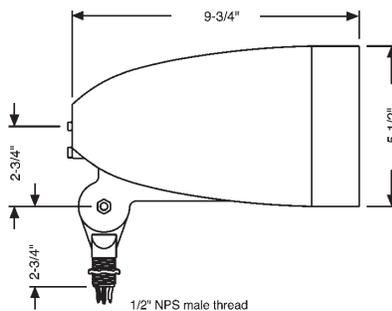
BULLET LAMP HOLDERS - FOR 75-150 WATT PAR 38 AND R-40 LAMPS

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5820-8	Green	Lampholder	Boxed	2	

PORTABLE LAMPHOLDER ASSEMBLY 5792-0



BULLET LAMPHOLDER ASSEMBLY 5820-8



LAMPHOLDER COMBINATIONS

Application

- For use with Bell® single-gang rectangular or round weatherproof boxes

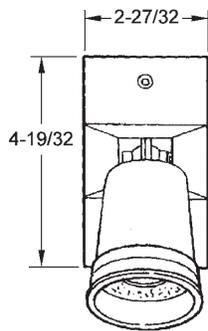
Product Features

- Rugged metallic construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch-resistance
- Each combination kit is a complete weatherproof installation — no need to purchase separate components
- Includes installation hardware, gasket, and multi-lingual instructions

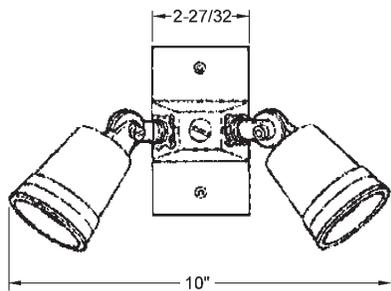
Compliances

-  – Standard 1598
-  – Certified C22.2 No. 18

5620 SERIES



5621 SERIES



5620-0

5624-0 TO 5624-6

5621-0 TO 5621-6

5625-0 TO 5625-7

WEATHERPROOF BOXES, COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

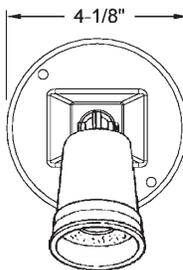
RECTANGULAR COVER – COMBINATIONS FOR 75-150 WATT PAR 38 LAMPS

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5620-0	Gray	(1) Lampholder	Shrink	8	
5621-0	Gray	(2) Lampholders	Shrink	8	
5621-5	Gray	(2) Lampholders	Carded	4	
5621-6	White	(2) Lampholders	Carded	4	

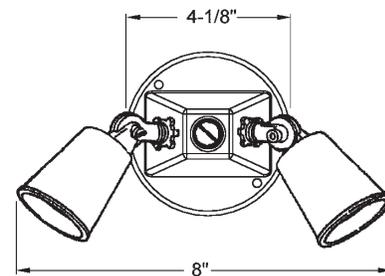
4" ROUND COVER – COMBINATIONS FOR 75-150 WATT PAR 38 LAMPS

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5624-0	Gray	(1) Lampholder	Shrink	8	
5624-1	White	(1) Lampholder	Shrink	8	
5624-2	Bronze	(1) Lampholder	Shrink	8	
5624-5	Gray	(1) Lampholder	Carded	4	
5624-6	White	(1) Lampholder	Carded	4	
5625-0	Gray	(2) Lampholders	Shrink	8	
5625-1	White	(2) Lampholders	Shrink	8	
5625-2	Bronze	(2) Lampholders	Shrink	8	
5625-5	Gray	(2) Lampholders	Carded	4	
5625-6	White	(2) Lampholders	Carded	4	
5625-7	Bronze	(2) Lampholders	Carded	4	

5624 SERIES



5625 SERIES



C34

LIGHT KITS

WEATHERPROOF BOXES, COVERS AND LIGHTING

Application

- For general use in wet, damp, or dry locations

Product Features

- Each kit is a complete weatherproof installation — no need to purchase separate components
- Each kit includes easy-to-follow multi-lingual instructions
- All kit components are described in the preceding pages

Compliances

-  – Standard 1598
-  – Certified C22.2 No.18



5883-5 TO 5883-6



5818-5 TO 5818-6

ORDERING INFORMATION - DIMENSIONS

RECTANGULAR LIGHT KITS FOR 75-150 WATT PAR 38 LAMPS

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5883-5	Gray	Box, cover, photocell & (2) lampholders	Boxed	4	
5883-6	White	Box, cover, photocell & (2) lampholders	Boxed	4	
5818-5	Gray	Box, cover & (2) lampholders	Boxed	4	
5818-6	White	Box, cover & (2) lampholders	Boxed	4	



LIGHT KITS

Application

- For general use in wet, damp, or dry locations

Product Features

- Each kit is a complete weatherproof installation — no need to purchase separate components
- Each kit includes easy-to-follow multi-lingual instructions
- All kit components are described in the preceding pages

Compliances

-  – Standard 1598
-  – Certified C22.2 No. 18



5829-5 TO 5829-6



5876-5 TO 5876-6

WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

4" ROUND LIGHT KITS FOR 75-150 WATT PAR 38 LAMPS					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5829-5	Gray	Box, cover & (2) lampholders	Boxed	4	
5829-6	White	Box, cover & (2) lampholders	Boxed	4	
5876-5	Gray	Box, cover & (2) architectural lampholders	Boxed	4	
5876-6	White	Box, cover & (2) architectural lampholders	Boxed	4	



C36

GARDEN LIGHTS

DIE CAST ZINC

WEATHERPROOF BOXES, COVERS AND LIGHTING

Application

- For accent lighting along walkways, driveways, terraces, porches and garden areas

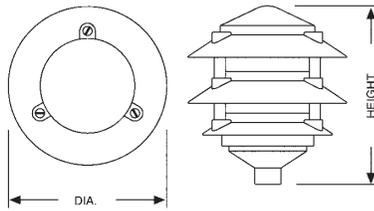
Product Features

- Rugged die cast construction
- State-of-the-art powder coat finish provides maximum weatherability and scratch-resistance
- Includes screw-in clear glass globe, wire connectors, gasket, and multi-lingual instructions
- Three-tier lights accept 40W maximum lamps
- Four-tier lights accept 60W maximum lamps

Compliances

-  UL US

CAT. NO. 5884-8



5884-8



5893-8

ORDERING INFORMATION - DIMENSIONS

INCANDESCENT TYPE THREADED 1/2" NPT - 18" LEADS

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5884-8	Green	3-Tier	Box	2	
5893-8	Green	4-Tier	Box	2	

DIMENSIONS

CATALOG NUMBER	DIA.	HEIGHT
5884-8	6"	7"
5893-8	6"	8-3/4"



ACCESSORIES

REPLACEMENT GLOBES

Replacement Globes Application

- For use with Bell® garden lights

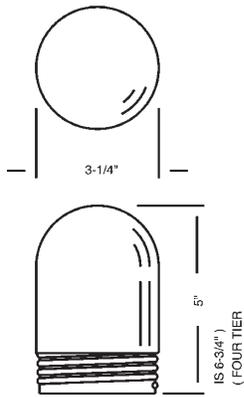


5694-0



5695-0

REPLACEMENT GLOBE



ORDERING INFORMATION - DIMENSIONS

REPLACEMENT GLOBES FOR GARDEN LIGHTS

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5694-0	Clear	For 3-tier	Carton	4	
5695-0	Clear	For 4-tier	Carton	4	

WEATHERPROOF BOXES,
COVERS AND LIGHTING



C38**ACCESSORIES****PHOTOCELL****WEATHERPROOF BOXES,
COVERS AND LIGHTING****Nite Switch Automatic Controls
Application**

- Nite switches are used for sunset activated automatic control of night lighting — Nite switches may be used to control porch lights, garden lights, post lanterns, barn lights, loading dock lights, outdoor signs and the like

**Nite Switch Automatic Controls
Product Features**

- Durable weatherproof construction
- Built-in time delay prevents operation triggered by auto headlamps or other temporary light flashes

**Nite Switch Automatic Controls
Compliances**

- 

**5638-5****ORDERING INFORMATION - DIMENSIONS****NITE SWITCH AUTOMATIC CONTROLS – 2000 WATTS**

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5638-5	Gray	Swivel Switch, locknut 2000W Tungsten 1800VA Ballast 120V 50-60HZ	Carded	6	

ACCESSORIES

CLOSURE PLUGS

Closure Plugs Application

- For use with Bell® weatherproof boxes, extension adapters, cluster covers and round splice boxes to seal off unused outlets

Closure Plugs Product Feature

- Gray closure plugs are zinc die cast
- White and bronze closure plugs are nonmetallic



5269-0 to 5269-9
5270-0 to 5270-9, 5271-0

WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

CLOSURE PLUGS					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5269-0	Gray	1/2" NPT	75 Polybags of 4	75 bags*	
5269-1	White	1/2" NPT	75 Polybags of 4	75 bags*	
5269-2	Bronze	1/2" NPT	75 Polybags of 4	75 bags*	
5269-5	Gray	1/2" NPT	12 Cards of 3	12 cards**	
5269-6	White	1/2" NPT	12 Cards of 3	12 cards**	
5269-7	Bronze	1/2" NPT	12 Cards of 3	12 cards**	
5269-9	Gray	1/2" NPT	Bulk	1000	—
5270-0	Gray	3/4" NPT	75 Polybags of 4	75 bags*	
5270-5	Gray	3/4" NPT	12 Cards of 3	12 cards**	
5270-9	Gray	3/4" NPT	Bulk	1000	—
5271-0	Gray	1" NPT	75 Polybags of 4	75 bags*	

*Order in standard package bag quantities only – not per piece

**Order in standard package card quantities only – not per piece

C40

ACCESSORIES

ROUND CLOSURE PLATES - MOUNTING LUGS

WEATHERPROOF BOXES, COVERS AND LIGHTING

Round Closure Plates Application

- Use in dry locations for closure of unused ceiling outlets

Round Closure Plates

Product Features

- Rugged metallic construction
- State-of-the-art powder coat paint finish provides a scratch-resistant surface

Round Closure Plates

-  - UL Listed



5652-1



5653-1



5654-1



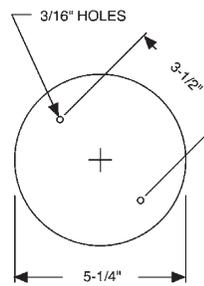
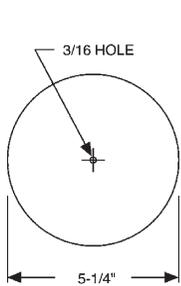
5302-0

ORDERING INFORMATION - DIMENSIONS

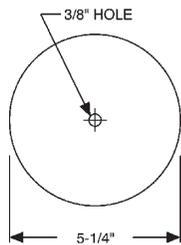
ROUND CLOSURE PLATES

CATALOG NO. 5652-1

CATALOG NO. 5653-1



CATALOG NO. 5654-1



5" ROUND CLOSURE PLATES - STEEL

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5652-1	Off White	Screw & universal mount strap	Shrink	10	
5653-1	Off White	(2) 8 - 3.2 screws, direct mount to fixture outlet box	Shrink	10	
5654-1	Off White	Fixture stud & universal mount strap	Shrink	10	

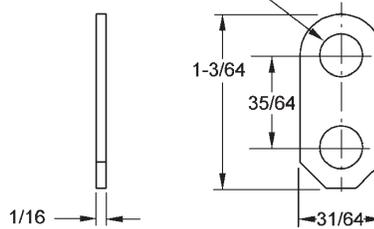
BOX MOUNTING LUGS & SCREWS

CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5302-0	—	—	100 Polybags of 2	100	

BOX MOUNTING LUG

CATALOG NO. 5302-0

1/4" DIA. (2-HOLES)



ACCESSORIES

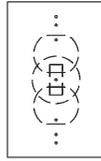
REPLACEMENT GASKETS

Application

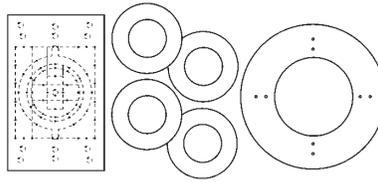
- Replacement gaskets for Bell® weatherproof covers and lampholders

Product Features

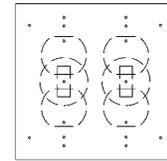
- Each gasket has cut outs for a toggle switch, duplex receptacle and 1.406" dia. round receptacle
- Remove the cut outs for the duplex and round receptacles for a GFCI receptacle opening



5019-0



5017-0

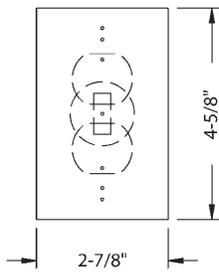


5020-0

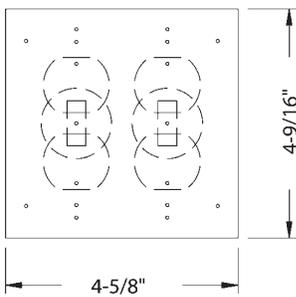
WEATHERPROOF BOXES,
COVERS AND LIGHTING

ORDERING INFORMATION - DIMENSIONS

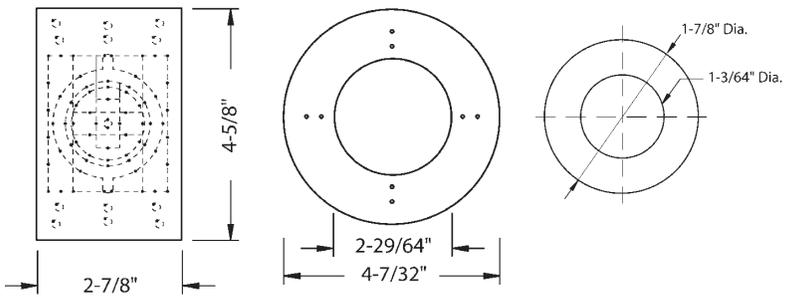
CATALOG NO. 5019-0



CATALOG NO. 5020-0



CATALOG NO. 5017-0



RECTANGULAR BOX/COVER GASKETS					
CATALOG NUMBER	COLOR	DESCRIPTION	PKG. TYPE	STD. PKG.	UPC BAR CODE
5019-0	Black	1-Gang	20 Cello bags of 2	20	
5020-0	Black	2-Gang	20 Cello bags of 2	20	
5017-0	Black	1 Gang cover gasket, 4 Lampholder gaskets & 1 Round cover gasket	20 Cello bags	20	



RACO® Specialty Switches



Applications

- Industrial
- Electronic instruments
- Automotive/marine equipment
- Power tools
- Home appliances
- Emergency lighting
- Vending machines

Pull-Chain Switch

Product Features

- Plastic body and nipple
- Nipple 3/8" – UNS 27 x 5/16" long
- Aluminum knurled nut, brass or nickel finish

Variable-Speed Pull-Chain Switch

Product Features

- Plastic body and nipple
- Brass knurled nut
- Nipple 3/8" – UNS 27 x 3/8" long

All-Angle Pull-Chain

Product Features

- Plastic body and metal nipple
- Nipple 15/32" – UNS 32
- Steel lockout

Pull-Chain and Variable-Speed Pull-Chain Switches and All-Angle Pull-Chain Switches Compliances

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Snap-In Rocker Switches

Product Features

- Nylon body and rocker
- Polycarbonate rocker (#6437)
- Contacts – silver-plated copper-alloy
- .250 quick connect tabs
- Fits cutout 17/32" x 1-1/8"

Snap in Rocker Switches Compliances

- 
- 



6401, 6354



6402, 6355



6403, 6404



6405



6436



6437

ORDERING INFORMATION - DIMENSIONS

PULL-CHAIN SWITCHES – FOR LAMPS AND CEILING FIXTURES				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6401	SPST, on-off 6" leads, brass finish Carded	6 amp, 125V AC 3 amp, 250V AC 6 amp, 125V L	5	
6354	SPST, on-off 6" leads, brass finish Bulk Poly Bag	6 amp, 125V AC 3 amp, 250V AC 6 amp, 125V L	25	
6402	SPST, on-off 6" leads, nickel finish Carded	6 amp, 125V AC 3 amp, 250V AC 6 amp, 125V L	5	
6355	SPST, on-off 6" leads, nickel finish Bulk Poly Bag	6 amp, 125V AC 3 amp, 250V AC 6 amp, 125V L	25	

VARIABLE-SPEED PULL-CHAIN SWITCHES – FOR CEILING FANS				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6403	2-speed, off-on-on Stab connections, brass finish Carded	6 amp, 125V AC 3 amp, 250V AC 6 amp, 125V L	5	
6404	3-speed, off-on-on-on, Stab connections, brass finish, Carded	6 amp, 125V AC 3 amp, 250V AC	5	

ALL-ANGLE PULL-CHAIN – FOR CEILING FIXTURES				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6405	All angle, on-off 3" leads, SPST, Carded	6 amp, 125V AC 3 amp, 250V AC	5	

SNAP-IN ROCKER SWITCHES – FOR RANGE HOOD AND APPLIANCES				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6436	Rocker, SPST, on-off Opening 17/32" x 1-1/8" Carded	16 amp, 250V AC 1 HP, 250V AC 1/2 HP, 125V AC	5	
6437	Lighted rocker SPST, on-off Opening 17/32" x 1-1/8" Carded	110V Lamp 16 amp, 250V AC 15 amp, 1 HP, 250V AC 1/2 HP, 125V AC	5	

SPECIALTY TYPE SWITCHES

Applications

- Industrial
- Electronic instruments
- Automotive/marine equipment
- Power tools
- Home appliances
- Emergency lighting
- Vending machines

Canopy Switch Compliances

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SPECIALTY SWITCHES

ORDERING INFORMATION - DIMENSIONS

ROTARY CANOPY SWITCH - FOR LAMPS AND APPLIANCES

CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6445	Rotary, canopy, SPST, Off-on-on-on plastic knob Carded	2 amp, 250V AC 4 amp, 125V AC 1 amp, 125V DC	5	
6446	Rotary, canopy, SPST, On-off, 6" leads, plastic knob Carded	1 amp, 250V AC 3 amp, 120V AC 1 amp, 125V ACL	5	
6356	Rotary, canopy, SPST, On-off, 6" leads, plastic knob Bulk Poly Bag	1 amp, 250V AC 3 amp, 120V AC 1 amp, 125V ACL	25	
6447	Rotary, canopy, SPST, On-off, 6" leads, brass knob Carded	1 amp, 250V AC 3 amp, 120V AC 1 amp, 125V ACL	5	
6448RAC	Rotary, canopy, 2-circuit, Off-on-on-on, 6" leads Brass knob, carded	1 amp, 250V AC 3 amp, 125V ACL	5	
6357	Rotary, canopy, 2-circuit, Off-on-on-on, 6" leads Brass knob, Bulk Poly Bag	1 amp, 250V AC 3 amp, 125V ACL	25	

MAINTAINED CONTACT PUSH-BUTTON CANOPY SWITCH – FOR LAMPS AND APPLIANCES

CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6424	Push, canopy, SPST On-off, 6" leads, brass Carded	1 amp, 250V AC 2 amp, 125V ACL 3 amp, 120V AC	5	
6352	Push, canopy, SPST On-off, 6" leads, brass Bulk Poly Bag	1 amp, 250V AC 2 amp, 125V ACL 3 amp, 120V AC	25	
6425	Push, canopy, SPST On-off, 6" leads, nickel Carded	1 amp, 250V AC 2 amp, 125V ACL 3 amp, 120V AC	5	
6353	Push, canopy, SPST On-off, 6" leads, nickel Bulk Poly Bag	1 amp, 250V AC 2 amp, 125V ACL 3 amp, 120V AC	25	

**Push-Button Switch
Product Features**

- Plastic case
- Nickel-plated brass nipple, knurled nut, hex nut
- Nipple 15/32" – 32 x 1/2" long

Compliances

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6431



6426



6428



6427



6358

ORDERING INFORMATION - DIMENSIONS

MAINTAINED CONTACT SLIDE SWITCH – FOR LAMPS AND APPLIANCES				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6431	Slide, SPST, on-off Opening 9/16" x 7/8", Carded	5 amp, 250V AC 11 amp, 125V AC	5	

CONTACT PUSH-BUTTON SWITCHES – FOR BELLS AND BUZZERS				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6426	SPST Off-on, normally off, push on, Black, screw terminals, Carded	3 amp, 240V AC 6 amp, 120V AC	5	
6428	SPST Off-on, normally on, push off Red, screw terminals, Carded	1.5 amp, 277V AC 3 amp, 120V AC	5	

PUSH BUTTON SWITCH - FOR LAMPS AND APPLIANCES				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6358	Double Insulated, SPST, on-off 6" wire leads, Bulk Poly Bag	2 amp, 125V ACL 3 amp, 120V AC 1 amp, 250V AC	25	
6427	Push button SPST, on-off, 6" leads Carded	10 amp, 125V AC 8 amp, 125V AC 4 amp, 250V 1/3 HP, 125V AC	5	

SPECIALTY TYPE SWITCHES

Product Features

- Impact-resistant thermoplastic body
- Silver cadmium oxide contacts
- Knurled nut, hex and strap all nickel-plated
- Keyed brass bushing
- #6-32 screw-type terminals
- Nickel-plated brass toggle
- Suitable for 12V DC use at rated amperage

Compliances

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ORDERING INFORMATION - DIMENSIONS

EXTRA HEAVY-DUTY BAT HANDLE TOGGLE SWITCH				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6415	DPST, on-off, Screw terminals, Carded	10 amp, 277V AC, 20 amp, 125V AC 1-1/2 HP, 125V/250V AC	5	
6419	DPDT, on-on, Screw terminals, Carded	10 amp, 277V AC, 20 amp, 125V AC 1-1/2 HP, 125V/250V AC	5	
6416	DPDT, on-off-on, Screw terminals, Carded	20 amp, 125V AC 1-1/2 HP, 125V/250V AC	5	

HEAVY-DUTY BAT HANDLE TOGGLE SWITCH				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6410RAC	SPST, on-off Screw terminals Carded	12 amp, 250V AC 20 amp, 125V AC 1 HP, 120V/240V AC	5	
6413	SPDT, on-on Screw terminals Carded	10 amp, 250V AC 20 amp, 125V AC 3/4 HP, 125V/250V AC	5	
6411	SPDT, on-off-on Screw terminals	10 amp, 250V AC 20 amp, 125V AC 3/4 HP, 125V AC	5	
6420	SPST, on-off Screw terminals Carded	10 amp, 250V AC 20 amp, 125V AC 3/4 HP, 125V/250V AC	5	

EXTRA HEAVY-DUTY BAT HANDLE TOGGLE SWITCH				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6417	SPST, on-off Screw terminals Nonmetallic, Carded	20 amp, 125V/277V AC 1-1/2 HP, 125V AC 2 HP, 250V AC	5	
6418	DPDT, on-off-on Screw terminals Nonmetallic, Carded	20 amp, 125V/277V AC 2 HP, 250V AC 1-1/2 HP, 125V AC	5	

MEDIUM-DUTY BAT HANDLE TOGGLE SWITCH				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6414	SPST, on-off Screw terminals Carded	15 amp, 120V AC 10 amp, 240V AC	5	



Product Features

- Impact-resistant thermoplastic body
- Silver cadmium oxide contacts
- Knurled nut, hex and strap all nickel-plated
- Keyed brass bushing
- #6-32 screw-type terminals
- Nickel-plated brass toggle
- Suitable for 12V DC use at rated amperage

Toggle Boot Product Features

- Fits standard bat handle toggle switches
- Made of silicone rubber
- Fits nipples with 15/32" – 32 thread
- Packed two per card

Compliances

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6412



6351



6409RAC



6441

ORDERING INFORMATION - DIMENSIONS

MEDIUM-DUTY BAT HANDLE TOGGLE SWITCH WITH WIRE LEADS

CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6412	SPST, on-off, 6" leads Carded	4 amp, 250V 8 amp, 125V 10 amp, 125V AC 1/3 HP, 125V AC	5	

MEDIUM-DUTY BALL HANDLE TOGGLE SWITCH WITH WIRE LEADS

CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6351	SPST, on-off, Ball handle Toggle for power tools & appliances, Nonmetallic with 6" wire leads, Bulk Poly Bag	6 amp, 125V AC 3 amp, 250V AC 3 amp, 125V ACL	25	

MEDIUM-DUTY BALL TOGGLE

CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6409RAC	SPST, on-off Screw terminals, Carded	6 amp, 120V AC 3 amp, 240V AC	5	

TOGGLE BOOT

CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6441	Rubber cover & nut for toggle switch, Carded	-	5	

SPECIALTY TYPE SWITCHES

Switch Assortment Product Features

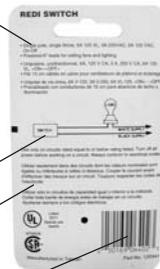
- All cards are 2-7/8" wide x 5" high
- One carton of five fits on hook
- Hooks and pegboard are not included
- Blisters are 1" deep

RACO PACKAGING PRODUCES SALES!

- Basic description and characteristics
- Typical applications for the switch
- Visible packaging lets the customer see the switch details
- Reorder number



- All electrical data – amps, volts and horsepower ratings included. It is easy to match the rating with the switch
- Easy-to-follow wiring diagram
- Clear instructions for safe replacement
- UPC bar code



Polybagged Packaging



6395

SPECIALTY SWITCHES

ORDERING INFORMATION - DIMENSIONS

ASSORTMENT				
CATALOG NUMBER	DESCRIPTION	ELECTRICAL RATINGS	STD. PKG.	UPC BAR CODE
6150	5-pack each of 30 switches	—	1	

SPECIALTY SWITCH ASSORTMENT					
NO. 6150 SPECIALTY SWITCH ASSORTMENT					
INCLUDES 5 EACH OF THE FOLLOWING SWITCHES:					
6401	6409RAC	6414	6419	6427	6441
6402	6410RAC	6415	6420	6428	6445
6403	6411	6416	6424	6431	6446
6404	6412	6417	6425	6436	6447
6405	6413	6418	6426	6437	6448RAC

DISPLAY			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
6395	Plexiglass counter display	1	—

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 Adjust-A-Brace, A55

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Bar Hangers, A58
 Beam Clamps, B99
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 Bonding Locknuts, B40
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 BOX-LOC[®] Clip, A58
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782	.A29	864	.A37	963	.A59	1135	.B44
785	.A29	865	.A37	964	.A59	1136	.B44
786	.A29	867	.A37	965	.A52	1138	.B44
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791	.A30	871	.A47	969	.A59	1142	.B36
795	.A30	872	.A47	970RAC	.A59	1143	.B36
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4803-4	.B66	5132-0	.C25	5197-2	.C30	5388-0	.C9
4803-5	.B66	5133-0	.C25	5197-5	.C30	5389-0	.C9
4803-8	.B66	5137-0	.C27	5197-6	.C30	5390-0	.C10
4803-9	.B66	5138-0	.C25	5197-7	.C30	5399-0	.C6
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A

ADD-A-DEPTH RING – a means of extending the walls of a device box to the wall surface, providing a barrier between a wiring device and the surrounding wall material.

AIR PLENUM – a compartment or chamber to which one or more air ducts are connected and which forms part of the air distribution system.

AMP (A) – a measurement of the amount of electrical current in a circuit at any moment.

ARMOR – a metallic covering around the cable for mechanical protection. Typically interlocked steel or aluminum.

ARMORED CABLE CLAMP – a means of securing armored cable to a box, providing an electrical ground. The clamp will accommodate two cables.

B

BX – see flexible armored cable.

BAR HANGER – a means that is used to position a lighting fixture or fan between ceiling joists or studs. The bar hanger may be adjustable, and permits the electrical outlet box to be positioned along its length.

BEAM CLAMP – a fastening means, usually made of malleable iron or steel, commonly used with hangers and a threaded rod to fasten a raceway to an I-beam.

BELL BOX – a Hubbell Inc. trade name for the Bell® brand of weatherproof boxes.

BONDING – the permanent joining of metallic parts to form an electrically conductive path that will assure electrical continuity and the capacity to conduct safely any current likely to be imposed.

BOX EXTENSION – see extension ring.

BOX-LOC® – RACO trade name for our snap-on metal stud bracket.

BOX MOUNT – a term commonly used to denote where the screws of a cover attach.

BUSHING – a fitting provided to protect wires from abrasion and intended for use where conductors enter or leave the raceway system.

C

CSA – see Canadian Standards Association.

CABLE – two or more insulated conductors wrapped in metal or plastic sheathing.

CABLE BOX – a box provided with clamps to accommodate either metallic or nonmetallic sheathed cable.

CABLE CLAMP – generic name for a clamp that mechanically secures the cable to the electrical outlet box.

CANADIAN STANDARDS ASSOCIATION (CSA) – an independent testing agency that certifies products to its established standards

of safety and performance.

CARPET FLANGE – a ring that is used with a floor box to provide a decorative finish.

CHASE® NIPPLE – a registered trademark for a threaded nipple.

CIRCUIT – the path of electrical flow from a power source through an outlet and back to ground.

CLAMP BACK – a raceway fastening accessory typically used with a conduit strap to position a raceway away from a wall.

CLASS I LOCATIONS – are those locations in which flammable gases or vapors are or may be present in the air in quantities sufficient to produce explosive or ignitable mixtures.

CLASS II LOCATIONS – are those locations that are hazardous because of the present combustible dust.

CLASS III LOCATIONS – are those locations that are hazardous because of the presence of easily ignitable fibers or flyings, but in which the fibers or flyings are not likely to be in suspension in the air in quantities sufficient to produce ignitable mixtures.

CLEAT HANGER – see bar hanger.

COMBINATION COUPLING – a coupling device used to join two dissimilar raceways (i.e., rigid and flex).

CONCENTRIC KNOCKOUT – a combination knockout where all the knockouts have the same center (eg., masonry boxes).

CONCRETE BOX – a box intended for support in concrete. Constructed to permit end-to-end extension and the application of covers on two sides. It is not intended for installation in a floor.

CONCRETE RING – see concrete box.

CONCRETE-TIGHT FITTING – a fitting that, when assembled to conduit or tubing of the proper size, excludes concrete aggregate.

CONDUCTOR FILL – refers to the number of current carrying and grounding conductors permitted by the National Electrical Code (NEC) to be used in conduit and tubing.

CONDUCTORS – electrical term describing wires capable of carrying an electrical current or wire being used as a ground, usually sheathed with an insulating material.

CONDUIT – (raceway) a pipe or tube designed to enclose and protect conductors or cables from moisture and physical damage.

CONDUIT BODY – a portion of a conduit or tubing system that provides access through a removable cover(s) to the interior of the system at a junction of two or more sections of the system or at a terminal point of the system.

CONDUIT CLAMP – a fastening clamp used to mount raceways.

CONDUIT HANGER – a fastening means used to support conduit.

CONDULET – a term used to refer to malleable or aluminum conduit bodies.

CONNECTOR – a fitting intended to terminate a cable or raceway into a box, panel, etc.

CORD GRIP (CG) – a connector used to terminate flexible cords and cables into an enclosure.

COUPLING – a fitting intended to connect two lengths of raceway.

D

DAMP LOCATION – partially protected locations such as under canopies or roofed open porches, and interior locations subject to moderate degrees of moisture, such as basements, barns, and cold-storage warehouses.

DEVICE EARS – ears or tabs with holes spaced to accommodate wiring devices. Device ears are found on plaster rings, switch boxes and handy boxes.

DEVICE MOUNT – a term commonly used to denote where the screws of a device cover attach.

DUPLEX RECEPTACLE – a contact device for the connection of attachment plugs.

DURALOY® – is a trademark identifying a tri-coat protective finish used on iron electrical conduit fittings for standard and hazardous locations.

E

8B – a 4" octagon box that is 1-1/2" deep.

8B DEEP – a 4" octagon box that is 2-1/8" deep.

ELBOW – a curved section of raceway intended to change the direction of the run.

ELECTRICAL METALLIC TUBING (EMT OR THINWALL) – conduit called thinwall as a contrast to the "heavywall" of rigid or IMC.

ELECTRICAL NONMETALLIC TUBING (ENT) – a plastic corrugated raceway of circular cross section that is resistant to moisture and chemical atmospheres, and that is flame retardant.

ELECTROPLATING – a term used to describe the process of electrically depositing a layer of corrosion resistant material (i.e., zinc) onto steel or iron parts.

EMT – see electrical metallic tubing.

END RUN – that portion of the branch circuit that extends to the last fixture or device.

ERICKSON® COUPLING – a registered trade name for a three-piece coupling used for rigid/IMC conduit.

GLOSSARY OF ELECTRICAL INDUSTRY TERMS

E

ETL – certification mark for Intertek Testing Services. ITS test to the standards of UL, CSA and other international standards.

EXPOSED WORK – boxes and branch circuits that are mounted external or exposed on walls, beams, columns, etc.

EXTENSION RING – used to extend the box when it is recessed back in a wall. Also provides more cubic inch capacity for the box if needed.

F

FAN BOX – a box that is UL listed for the support of a ceiling (paddle) fan.

FINISHED WALLS – studs, furring strips, joists, that are covered with wood paneling, drywall, plaster, Masonite or ceramic are considered finished.

FIXTURE – a lighting assembly that is permanently attached to a building's wiring system, usually to a ceiling box.

FIXTURE EARS – ears or tabs with holes in them spaced 2- 3/4" or 3- 1/2" apart to accommodate lighting fixtures.

FLEX – see flexible metal conduit.

FLEXIBLE ARMORED CABLE (BX) – commonly called BX, a manufacturer's trade name. It may be described as prewired flexible metallic conduit since it includes two or more current carrying conductors and can be supplied with a grounding conductor.

FLEXIBLE METAL CONDUIT (GREENFIELD OR FLEX) – frequently called "Greenfield," which is the trade name of one manufacturer of this flexible steel or aluminum raceway. It is used around machinery where vibration or movement exists or where complex routing of the raceway dictates a flexible conduit.

FLOOR BOX – a box provided with means for flush mounting in a floor. The floor box may be used to provide power, telephone or data connections in office or store areas.

FORM 7 – a style of conduit body that requires a clip cover.

FORM 8 – an "expanded volume" style of conduit body that requires a two screw cover.

FORM 35 – a style of conduit body that requires a two screw cover.

FURRING STRIPS – small wood strips attached to an existing wall to provide a means to attach paneling or drywall.

G

GFCI – see Ground Fault Circuit Interrupter.

GANGABLE – box with a side that can be removed to allow the attachment of another

box for installation of multiple devices.

GAUGE – a term used to describe the physical size of a wire.

GOTCHA® – a registered HUBBELL INC trademark for a split hinge design ring used in Hubbell strain relief cord connectors.

GREENFIELD – see flexible metal conduit.

GRIP-LOK® – RACO registered trademark for old work clips used to secure switch boxes with plaster ears in hollow walls.

GROUND – a conducting connection between an electrical circuit or equipment and the earth, or to some conducting body that serves in place of the earth. Neutral wires carry the current to ground in all circuits. An additional grounding wire, or the sheathing of metal clad cable or conduit, protects against shock from a malfunctioning tool or other device.

GROUND FAULT CIRCUIT INTERRUPTER (GFCI) – a safety device that senses shock hazard and automatically stops electrical flow in a circuit.

GROUND FITTING – a fitting used to attach a grounding conductor to a ground pipe or rod.

GROUND LUG – means used to connect a ground wire to a fitting, clamp, or enclosure. Generally made of copper, aluminum, brass or bronze.

GROUND SCREW – a UL listed screw used to secure a grounding conductor to an enclosure.

GROUND WIRE – the conductor used to connect the electrical equipment to ground (or earth) at the service entrance point, minimizing the potential for electrical shock. Usually clad in green insulation or unclad.

H

HANDY BOX – box designed for enclosing devices; usually surface mounted.

HANDY ELL – a 90 degree elbow used either to connect two runs of conduit, or to connect a run of conduit to an enclosure.

HAZARDOUS LOCATIONS – are those locations where fire or explosion hazards may exist due to flammable gases or vapors, flammable liquids, combustible dust, or ignitable fibers or flyings.

HEAVYWALL – see rigid metal conduit.

HICKEY – (1) a threaded extension for support of a lighting fixture. (2) conduit bending tool.

HIDDEN WORK – residential and commercial construction where the electrical work is hidden by the finished wall; only the wiring device, switch, wall plate or light fixture is visible.

HOT WIRE – the higher voltage conductor carrying electrical current (usually black).

I

I.D. – inside diameter.

IMC – see intermediate metal conduit.

INSULATED THROAT CONNECTORS – insulated throat connectors have a thermoplastic line pressed or glued into the throat. This liner helps

to prevent damage to the insulation when the conductors are pulled.

INSULATION – sheathing or jacket of nonconducting material used to cover wires.

INTERMEDIATE METAL CONDUIT (IMC) – a lighter weight, more economical version of rigid metal conduit. It has the same outside diameter (O.D.) with a thinner wall.

J

JAKE FITTING – a commonly used term for a screw-in type connector or coupling for flexible metal conduit.

JIFFY BOX – old work switch box.

JOIST – horizontal beams that extend from wall to wall and support the floor or ceiling — typically 2" x 10", 2" x 8" or 2" x 6".

JUNCTION BOX – an enclosure used for splitting circuits into different branches. In a junction box, wires connect only to each other, never to a switch, receptacle, or fixture.

K

KELLEMS® GRIP – a Hubbell Inc. trade name for a wire mesh grip.

KILOWATT (KW) – one thousand watts, kilowatt measures power.

KILOWATT-HOUR – the standard measure of electrical consumption or energy.

KO (KNOCKOUT) – a circular tab on the side or bottom of a box pushed back in place with a small piece of steel remaining uncut to hold the tab in place until it is removed for installation.

KORNS® CLAMP – A registered trademark for a right angle, parallel, or edge type conduit clamp, used to fasten conduit to I-beams.

L

LAMPHOLDER – a current carrying device used to support, illuminate and protect lamps.

LIQUIDTIGHT FLEXIBLE METAL CONDUIT – flexible metal conduit with a plastic outer jacket that protects the electrical system against sunlight, liquids, vapors or solids.

LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT (NMLT) – liquidtight flexible non-metal conduit is a raceway of circular cross section having a smooth inner surface with integral reinforcement within the conduit wall.

L

LOAD BEARING – walls that are an integral part of the structure that supports the joists.

LOCKNUT – an internally threaded barbed nut for use on conduit or fittings to prevent turning and to provide a secure joint.

LOW VOLTAGE PARTITION – a barrier added inside an electrical box to separate communication and power circuits. Also required where voltage levels between adjacent switches exceed 300.

LUG – see ground lug.

M

MC CABLE – metal clad cable. A UL classification indicating an assembly of insulated conductors with a metal cladding applied over the core and with grounding conductor(s) if the cladding is interlocked armor.

MADISON HOLD ITS® – Registered trademark for #977 griplok old work brackets.

MASONRY BOX – box installed in block walls prior to the blocks being laid. The mason cuts the block to fit around the box.

MOUNTING EARS – ears on a box which are used to mount a box cover, device or fixture.

MOUSE HOUSE – a metallic or nonmetallic pedestal that can provide power or voice/data to a floor location.

MUD RING – all rings are called mud rings regardless of the finish wall material used. There are two styles of rings, one for mounting a switch or receptacle, and one for mounting lighting fixtures.

MYERS® HUB – A registered trade name used to refer to a threaded hub for rigid/IMC conduit; provides a threaded hub in a KO.

N

NEC – see National Electrical Code.

NEMA – National Electrical Manufacturer's Association.

NM – see nonmetallic sheathed cable.

NAIL-UP STRAPS – a fastening device used to mount raceways to wooden studs, siding, etc.

NATIONAL ELECTRICAL CODE (NEC) – a set of rules governing safe wiring methods drafted by the National Fire Protection Association. Local codes sometimes differ from and take precedence over NEC requirements.

NEUTRAL WIRE – a grounded conductor that completes a circuit by providing a return path to the source. Neutral wires are always identified by white or gray insulation.

NEW WORK – electrical work that is completed before the drywall or plaster is installed.

1900 – a 4" square box that is 1-1/2" deep.

1900 DEEP – a 4" square box that is 2-1/8" deep.

NIPPLE – an externally threaded fitting intended primarily to serve as a short raceway between close-spaced enclosures.

NONMETALLIC SHEATHED CABLE (ROMEX®) – nonmetallic sheathed cable, popularly called by a manufacturer's trade name of Romex, is two or more insulated conductors, usually copper, protected by an outer jacket or sheath of nonmetallic material.

NMLT – see liquidtight flexible nonmetallic conduit.

O

O.D. – outside diameter (of conduit, etc.).

OCTAGON BOX – a metal box used on a wiring system, usually at an outlet. It provides means for connection to a wiring system and is intended primarily to enclose splices and wiring devices or to support a fixture or other equipment intended for similar installation.

OFFSET CONNECTORS – connects the conduit on the wall surface to a KO in the box where the KO and wall surface are on different planes.

OLD WORK – electrical work that takes place after the drywall or plaster is in place.

OUTLET – anything that allows access to the wiring system (eg., box, conduit body, etc).

P

PAN – see pancake box.

PANCAKE BOX – this round box is also referred to as a pan. The pancake box typically is the same depth as the finish wall material in which it is mounted.

PARTITION WALLS – walls that are nonload bearing—typically interior walls of an office building that can be removed.

PLASTER EARS – ears on switch boxes that prevent the box from falling back into the wall.

PLASTER RING – see mud ring.

PLENUM – a compartment or chamber to which one or more air ducts are connected to form part of the air distribution system.

PLUG – a threaded means used to close unused threaded openings.

PREGALVANIZED – the application of hot zinc to the exterior surfaces of steel.

PRIOUT – a circle or pear shaped hole cut into the steel with a tie (a little piece of steel uncut) holding it in place; the priout has a slot in it where a screwdriver tip is inserted to pry out the steel, providing an opening for cable.

R

RACE WAY – enclosed channel designed expressly for holding wire or cables. Conduit is a raceway; so is a duct.

RAFTER – parallel beams that support a roof running from the top of the joist to the peak of the roof.

RAINTIGHT – constructed so as to pass the UL rain test.

RAYNTITE® – RACO trademark for weatherproof device cover approved for use in wet locations.

RAYNTITE® II – RACO trademark for weatherproof while in use device covers.

RAISED COVER – used for a job that is surface mounted. There are a variety of raised covers that may be used depending on the type of device being installed.

REDI-LOC™ – a registered RACO trademark for MCI, AC and HCF cable connectors.

RED SEAL COVER – see raised cover.

REDUCING BUSHING – a threaded steel or malleable iron bushing used to make transitions from one trade size of rigid/IMC to another.

REDUCING WASHER – a stamped steel washer which, when used in pairs, reduces the size of an opening in an enclosure.

RIGID – see rigid metal conduit.

RIGID METAL CONDUIT (RIGID OR HEAVYWALL) – rigid metal conduit is a raceway that provides a high degree of mechanical protection indoors or out, in dry or wet locations, exposed or concealed, in all kinds of atmospheric conditions, locations, and in hazardous locations such as explosion proof, vapor tight and dust tight.

RIGID NONMETALLIC CONDUIT – three types of rigid nonmetallic conduit are listed by UL: (1) rigid nonmetallic plastic Schedule 40 and 80 PVC; (2) rigid nonmetallic underground plastic; and (3) rigid nonmetallic underground other than plastic, fiber type.

ROBERTSON HEAD SCREW – a type of screw with a square key that is popular in Canada. A special tool (called a Robbie) is required to drive the screw.

ROMEX® – see nonmetallic sheathed cable.

S

SEALTITE® – A registered trademark used to refer to liquidtight metallic conduit and fittings.

SERVICE DROP – service entrance conductors from the utility pole to the service entrance conductors of a building that has overhead service. The utility company usually supplies and connects the service drop.

SERVICE ENTRANCE – the point at which electrical service enters a building.

GLOSSARY OF ELECTRICAL INDUSTRY TERMS

S

SERVICE ENTRANCE CABLE (SE) – service entrance cable can be compared to nonmetallic sheathed cable (Romex[®]) in large conductor sizes, with a weatherproof nonmetallic outer covering. It is often encased by rigid, IMC or EMT conduit for additional protection.

SERVICE-ENTRANCE HEAD – an enclosed fitting intended for use at service entrances where open wiring is connected to a service-entrance cable or raceway system.

SET BACK – the distance a box is set forward on a stud to accommodate the thickness of the finished wall and leave the face of the box flush with the front surface of the wall.

SET SCREW CONNECTOR – a fitting which terminates a run of conduit into an enclosure using set screws.

SET-UP BOX – trade term for an octagon box, factory installed on a bar hanger.

SHEATH – material, usually an extruded plastic material applied outermost to a wire or cable. Often called a jacket.

SHIELDED CABLE – a cable in which the insulated conductor(s) are enclosed in a conductive mesh envelope. The mesh is intended to protect the enclosed conductor(s) from external electrical interference.

SPLICE – the joining of two or more conductors.

SPLICE BOX – see junction box.

SPLIT COUPLING – a term used to refer to a coupling used for rigid/IMC conduit. Used where the conduits to be coupled cannot be rotated.

STRAIN RELIEF – a term used to describe the sealing and gripping action of a cord connector.

STRAPS – used to support conduit as required by Code. Beam and conduit clamps perform this function in industrial locations.

STUD – 2" x 4" or 2" x 6" wood or steel used to construct walls.

STUD WALL – wood or steel 2" x 4" spaced 16" or 24" on center — drywall or paneling typically is attached to the studs to finish the wall.

SWITCH BOX – boxes with device ears for direct mounting of switches as opposed to boxes requiring mud rings for switch mounting.

SWIVEL LOK[®] – a registered HUBBELL INC trademark for multi-position liquidtight connectors for type B liquidtight flexible nonmetallic conduit and extra flexible liquidtight nonmetallic tubing.

T

THINWALL – see electrical metallic tubing.

TIGER BOX[®] – RACO registered name for a patented switch box for old work applications.

TILE COVER – a series of covers designed for use with tile. These covers are for mounting switches or receptacles. Rings are available in different depths depending on the finished wall thickness.

TKO[®] – RACO trademark for combination 1/2" and 3/4" knockout. The two knockouts are off-center to enable a 1/2" locknut to engage the box for proper grounding of the electrical system.

TOGGLE SWITCH – a switch intended for use in general distribution and branch circuits.

TOMBSTONE – see mouse house.

TRADE SIZE – conduit is referred to by trade size according to its inside diameter.

TYPE UF – see underground feeder cable.

U

UL – see Underwriters Laboratories.

UNDERGROUND FEEDER CABLE – underground feeder cable (Type UF) is a group of conductors manufactured in the form of a cable assembly similar to Type NM (Romex[®]) but with the physical and electrical characteristics that allow for direct burial in the earth.

UNDERWRITERS LABORATORIES (UL) – An independent testing agency that tests and lists electrical equipment to its established standards of safety and performance.

UTILITY BOX – see handy box.

V

VOLT (V) – a unit of electromotive force.

W

WATT (W) – a measure of the power an electrical device consumes; [volts x amps = watts].

WEATHERHEAD – a term used to refer to a service entrance head.

WEATHERPROOF – an enclosure constructed for outdoor use.

WEATHERPROOF-WHILE-IN-USE – term commonly used to describe covers that are designed to be rain tight with cords installed.

WET LOCATIONS – installations underground or in concrete slabs or masonry in direct contact with earth, and locations subject to saturation with water or other liquids, such as vehicle washing areas, and locations exposed to weather and unprotected.

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