RACO TayMac BELL OUTDOOR

Master Catalog

Electrical Products for industrial, commercial, and residential applications







HUBBELL

Table of Contents

RACO® Steel Boxes, Covers & Accessories

- General Information A-2
- Box Selection A-6
- 4" Square Boxes. A-9
- 4" Square Covers A-23
- Stud Mount Mud Rings A-25
- Hinged Mud Rings A-26
- Adjustable Mud Rings. A-27
- Universal Stud Mount Brackets. A-29
- 4" Square Partitions & 4" Square Fixture Covers A-31
- 4" Square Exposed Work Covers A-32
- 4-11/16" Square Boxes. A-33
- 4-11/16" Square Mud Rings, Covers and Partitions A-38
- 4-11/16" Square Exposed Work Covers A-40
- 5" Square Data Box. A-41
- Life Support Products. A-42
- Large Capacity Boxes & Covers A-44
- Transition Boxes. A-46
- Grand Slam Box A-47
- Ceiling Fan & Fixture Support Products A-49
- Ceiling Pans A-51
- Ceiling Boxes & Covers. A-53
- Handy Boxes & Covers A-61
- Two Device Handy/Switch Boxes & Covers A-63
- 3" x 2" Switch Boxes A-64
- Shallow Switch Boxes A-70
- Multidevice Switch Boxes. A-71
- Multigang Boxes, Covers, and Partitions. A-72
- Concrete Rings & Covers A-75
- Masonry Boxes & Support A-76
- Box Support Products A-79
- Accessories for Steel Boxes. A-84
- Protector Plates A-86
- Box Grounding Products A-87
- Detailed Drawings A-88

RACO® Non-Metallic Cable Boxes

- General Information A-95
- Non-Metallic Cable Boxes A-96
- Non-Metallic Cable Boxes/Vapor Barrier A-103
- Detailed Drawings A-104

RACO® Floor Boxes

- General Information A-107
- Quick Selection Guide A-109
- Non-Metallic Floor Boxes A-111
- Floor Box Covers & Flanges A-113
- Accessories & Replacement Covers. A-118
- Above Floor Service & Accessories A-119
- Detailed Drawings A-120

RACO® Commercial Fittings

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

TAYMAC® Weatherproof Covers & Conduit Bodies

- General Information C-2
- Non-Metallic In-Use Covers C-5
- Non-Metallic Flat & Flat Expandable Covers C-7
- Outdoor Deck Outlet Covers. C-10
- Non-Metallic Receptacle/Cover Combos & Kits C-12
- Metal Receptacle/Cover Combos & Kits. C-13
- Metal In-Use Covers C-14
- Metal Low Profile In-Use Covers. C-15
- Weatherproof Accessories. C-16
- Conduit Bodies. C-17
- Detailed Drawings C-24

BELL® Weatherproof Boxes, Covers & Lighting

- General Information D-2
- 1-Gang Boxes D-5
- 1-Gang Extensions & Adapters D-7
- Multigang Boxes & Extension D-9
- Round Splice Boxes & Extension Adapter. D-12
- Metal 1-Gang Device Covers D-13
- Metal 2-Gang Device Covers, Multiconfiguration. D-17
- Metal Locking Cover D-18
- Rayntite® Metal 2-Gang Covers. D-19
- Metal 2-Gang Covers. D-20
- Metal 3-Gang Covers. D-21
- Metal Device Covers Combos & Kits D-23
- Metal Covers. D-24
- Metal Decorator Switch Covers D-26
- Metal Toggle Switch Covers D-27
- Metal Lampholder/Cluster Covers. D-28
- Metal Lampholders D-29
- Metal Floodlights. D-31
- Metal Bullet Lampholder & Portable Lampholders. D-33

Table of Contents

- Metal Lampholder Combos D-34
- Metal Light Kits D-35
- Metal Garden Lights D-36
- Weatherproof Accessories. D-37
- Non-metallic Ceiling Fan & Luminaire Boxes D-40
- Non-metallic Boxes. D-41
- Non-metallic Covers. D-42
- Non-metallic Lighting D-43
- Detailed Drawings D-44

TAYMAC® Wallplates & HVAC

- Metal Wallplate Reference E-2

Standard Metal Wallplates

- White Smooth E-3
- White Textured. E-4
- Ivory Smooth E-5
- Ivory Textured / Red Smooth E-6
- Stainless Steel. E-7

Maxi/Princess Metal Wallplates

- White Smooth E-8
- White Textured. E-10
- Ivory Textured E-11
- Jumbo Metal Wallplates E-12

Plastic Wallplates

- MASQUE® 2000 Series E-13
- MASQUE® 5000 Series E-14
- MASQUE® Decorator Cover Series E-15
- MASQUE® Revive™ E-16
- ALLURE® Designer Wallplates. E-17
- ALLURE® Wallplate Inserts. E-18

HVAC Accessories

- Low Profile Thermostat Covers. E-19
- PTAC Air Deflectors E-20
- Detailed Drawings E-21

Table of Contents





Steel Boxes, Covers, and Accessories



Non-Metallic Boxes, Covers, and Accessories



Floor Boxes

RACO® Steel Boxes, Covers & Accessories

- General Information A-2
- Box Selection A-6
- 4" Square Boxes. A-9
- 4" Square Covers A-23
- Stud Mount Mud Rings A-25
- Hinged Mud Rings A-26
- Adjustable Mud Rings A-27
- Universal Stud Mount Brackets A-29
- 4" Square Partitions & 4" Square Fixture Covers A-31
- 4" Square Exposed Work Covers A-32
- 4-11/16" Square Boxes A-33
- 4-11/16" Square Mud Rings,Covers and Partitions A-38
- 4-11/16" Square Exposed Work Covers A-40
- Life Support Products. A-42
- Large Capacity Boxes & Covers A-44
- Transition Boxes A-46
- Grand Slam Box A-47
- Ceiling Fan & Fixture Support Products A-49
- Ceiling Pans A-51
- Ceiling Boxes & Covers A-53
- Handy Boxes & Covers A-61
- Two Device Handy/Switch Boxes & Covers A-63
- 3" x 2" Switch Boxes A-64
- Shallow Switch Boxes A-70
- Multidevice Switch Boxes. A-71
- Multigang Boxes, Covers, and Partitions. A-72
- Concrete Rings & Covers A-75
- Masonry Boxes & Support A-76
- Box Support Products A-79
- Accessories for Steel Boxes. A-84
- Protector Plates A-86
- Box Grounding Products A-87
- Detailed Drawings A-88

RACO® Non-Metallic Cable Boxes

- General Information A-95
- Non-Metallic Cable Boxes A-96
- Non-Metallic Cable Boxes/Vapor Barrier A-103
- Detailed Drawings A-104

RACO® Floor Boxes

- General Information A-107
- Quick Selection Guide A-109
- Non-Metallic Floor Boxes A-111
- Floor Box Covers & Flanges A-113
- Accessories & Replacement Covers. A-118
- Above Floor Service & Accessories A-119
- Detailed Drawings A-120

General Information

Standards, 2023 National Electrical Code®

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: 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

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 when 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 screw 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 non-metallic cover plates, also metallic 4x4 and octagon boxes may be used in bearing and non-bearing wood stud and steel stud walls, and floor-ceiling and roof-ceiling assemblies 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: Fire Resistance Ratings ANSI/UL 263, Sec. III-6.*

Standard Materials: Steel Covers, Outlet and Standard 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 and covers are listed for their Electrical Applications (electrical codes), UL Electrical Construction Equipment Online Directory (electrical codes).
- Boxes are listed for Fire Resistance Directory, including the Two-Hour Fire Rating, (building codes) UL Orange Book
- UL Classified Standard – UL263 file R16536, CEYY, QBWY
- CSA Certified – C22.2 #18, CSA File LR-1082
- ANSI/NEMA OS1
- Federal Manufacturer's number 28488

NEMA® Member

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.

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.

Standards, 2023 National Electrical Code®

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 non-metallic 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 hickeys 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.

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General Information

Standards, 2023 National Electrical Code®

Most Often Requested Sections of the National Electrical Code®	How RACO® Products Help Complete the Installation
250.97 Method of Bonding Service Equipment — Bonding Jumpers. Bonding jumpers are not required for concentric and eccentric knockouts if they are listed.	This Section is used to ensure that there is ground continuity when a concentric or eccentric knockout incorporated in a box. A bonding jumper is not required when using any of the RACO® patented TKO knockout boxes.
314.27 (A) Boxes at Lighting Fixture Outlets. Boxes to support light fixtures must be listed for fixture support.	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.
314.27 (B) 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.	Only boxes that are UL Listed for the application may be fastened into the floor. RACO® floor boxes are in Section A of this catalog.
314.27 (C) Boxes at Fan Outlets. Boxes at Ceiling-Suspended (Paddle) Fan Outlets. Outlet boxes or outlet box systems used as the sole support of a ceiling suspended (paddle) fan shall be listed, shall be marked by their manufacturer as suitable for this purpose, and shall not support ceiling-suspended (paddle) fans that weigh more than 32kg (70lb).	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.
314.16 (A)(3) 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.	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.

Standards, 2023 National Electrical Code®

Most Often Requested Articles of the 2020 National Electrical Code®	How RACO® Products Help Complete the Installation
314.27 (B) Maximum Luminaire Weight. Fixtures greater than 50 pounds cannot be supported by a fixture box unless additional independent support is provided.	All outlet boxes that are intended to be used with fixtures are tested in accordance with UL Standard 514A.
250.146 (A) Surface-Mounted Box. Where the box is mounted on the surface, direct metal-to-metal contact between the device yoke and the box or a contact yoke or device that complies with 250.146(B) shall be permitted to ground the receptacle to the box.	This new method provides better bonding for the cover. RACO flat corner covers and mud rings comply.
800.133 Exception (A)(1)(d) 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 or electric light or power circuits or Class 1 circuits.	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.
406.12, Tamper-resistant Receptacles. In all areas specified in 406.12(1) through 406.12(8), all 125 volt, 15 and 20 amp receptacles shall be listed tamper-resistant receptacles.	This is to prevent shocks to small children that like to insert keys, paper clips, etc. into the receptacle slots.
314.24 (B) Depth of Boxes. Minimum depth of boxes for outlets, devices, and utilization equipment.	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 per 314.24 (B).

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 12 inches or less in length 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 hickeys are to be counted as one for each type of fitting. 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 #14-2 conductors. Metal conduit and fittings will be used as the wire way. You must provide space for four conductors, one ground, and one switch, totaling 6. Read across the line "Allowances" 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 14.0 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 from the next page, read across the line "Allowances" to column 8, then down to the minimum cubic inches required for #12 conductor. This example requires a minimum of 18.0 cubic inches.

Steel Box Selection Chart

Conduit Steel Boxes

Cubic Inches:	76.0	42.0	30.3	29.5	21.5	21.0	18.0
							
	5" Sq. 3-1/4" Deep (Inside)	**4-11/16" Sq.** 2-1/8" Deep (Inside)	**4" Sq.** 2-1/8" (Depth Inside)	**4-11/16" Sq.** 1-1/2" (Depth Inside)	**4" Oct.** 2-1/8" (Depth Inside)	**4" Sq.** 1-1/2" (Depth Inside)	**Switch** 3-1/2" (Depth Inside)

MC/BX & Non-Metallic Cable Steel Boxes

Cubic Inches:	30.3	42.0	21.5	21.0	18.0
					
	4" Sq. 2-1/8" (Depth Inside)	**4-11/16" Sq.** 2-1/8" (Depth Inside)	**4" Oct.** 2-1/8" (Depth Inside)	**4" Sq.** 1-1/2" (Depth Inside)	**Switch** 3-1/2" (Depth Inside)

Clamp Types


"L" Type


"X" Type


"#9" or "AOL" Type


"BN" Type


"Q" Type


Stab-IT® Type

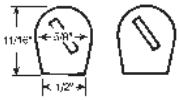
Knockouts and Priouts

7/8"	1/2" Conduit KO	1-3/8"	1" Conduit KO
1-3/32"	3/4" Conduit KO	1-3/32"	7/8" Conduit KO / TKO 1-3/32" KO

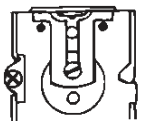


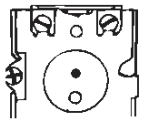
Cable Priouts Always In Pairs.

Plaster Ears



Flat-bottomed cable priouts eliminate chance of cable being cut.


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".

Box Selection

Box Fill

Conductor Size (AWG)	Volume Per Conductor		Allowances								
	CM³	IN.³	6	7	8	9	10	11	12	13	14
#18	24.6	1.50	9.00	10.50	12.00	13.50	15.00	16.50	18.00	19.50	21.00
#16	28.7	1.75	10.50	12.25	14.00	15.75	17.50	19.25	21.00	22.75	24.50
#14	32.8	2.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00
#12	36.9	2.25	13.50	15.75	18.00	20.25	22.50	24.75	27.00	29.25	31.50
#10	41.0	2.50	15.00	17.50	20.00	22.50	25.00	27.50	30.00	32.50	35.00
#8	49.2	3.00	18.00	21.00	24.00	27.00	30.00	33.00	36.00	39.00	42.00
#6	81.9	5.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00	70.00

Cubic Inches: 16.5 | 15.5 | 14.0 | 13.0 | 12.5 | 3.8 | 6.0





Handy
2-1/8" (Depth Inside)



4" Oct.
1-1/2" (Depth Inside)



Switch
2-3/4" (Depth Outside)



Handy
1-7/8" (Depth Outside)



Switch
2-1/2" (Depth Outside)



3-1/2" Rnd. Pan
1/2" (Depth Inside)



4" Rnd. Pan
1/2" (Depth Inside)

Cubic Inches: 15.8 | 15.5 | 14.0 | 12.5 | 4.0







Switch
2-9/64" (Depth Outside)



4" Oct.
1-1/2" (Depth Inside)



Switch
2-3/4" (Depth Outside)



Switch
2-1/2" (Depth Outside)



3-1/2" Pan
1/2" (Depth Inside)

Clamp Technical Data

Clamp Type	Raceway Type					
	Armored Cable (BX)		Metal Clad Cable Interlocking (MCI)		Non-Metallic 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	—
"Q" Type	—	—	—	—	#14-2 to #10-3 W/Ground	—
"BN" Type	—	—	—	—	#14-2 W/Ground Or #12-2 W/Ground	—
Stab-IT Type	.400 to .605 Outer Diam.	.400 to .605 Outer Diam.	.400 to .605 Outer Diam.	.400 to .605 Outer Diam.	—	3/8" Trade Size

Box Selection

Bracket Technical Data

Bracket Type	"A"	"B"	"D"	"FH"	"FM"	"FS"	"J"	"LB"	"MS"	"TS"	"W"	"H" or "M"
Length (In.)	6-7/16"	1-61/64"	6-1/4"	6-61/64"	7-5/8"	6-61/64"	2-3/8"	1-31/32"	4-1/2"	7"	6-25/32"	3-1/8"
Width	5/8"	2"	21/32"	1-9/16"	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"	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.



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



"D" Bracket Mounts on flat side of stud.



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.



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



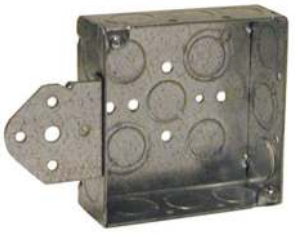
"UBS" Support Universal Back Side support to provide bracing on back of box for wall cavities 2-1/2" - 6" thick.



Ultimate G Series Box Support provide bracing of back of the box for wall cavities 2-1/2" -6" thick.



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



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



"FM" Bracket Mounts on flat side of stud.



"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.



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



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



"FS" Bracket Mounts on flat side of stud. Gauging tabs and recessed nailing spurs.



"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.

4” Square Boxes – Drawn with Conduit KOs

NEW


185


190, 8190


191, 8191


192, 8192


204


232D

Applications

- RACO® 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
- Thru-the-wall box is designed for shallow wall applications and allows for attachment of wall plate to both faces of box

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6

4” Square Boxes

CAT. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
1-1/4” Deep – *Drawn with Conduit KOs*						
185	—	18.0 (295.0)	(10) 1/2"	(5) 1/2"	50	IIIIIIII
1-1/2" Deep – *Drawn with Conduit KOs*						
190	Raised Ground	21.0 (344.1)	(12) 1/2"	(4) 1/2"	50	—
8190	Raised Ground	21.0 (344.1)	(12) 1/2"	(4) 1/2"	50	IIIIIIII
191	Raised Ground	21.0 (344.1)	(8) 3/4"	(1) 1/2", (3) 3/4"	50	—
8191	Raised Ground	21.0 (344.1)	(8) 3/4"	(1) 1/2", (3) 3/4"	25	IIIIIIII
192	Raised Ground	21.0 (344.1)	(8) 1/2", (4) 3/4"	(2) 1/2", (2) 3/4"	50	—
8192	Raised Ground	21.0 (344.1)	(8) 1/2", (4) 3/4"	(2) 1/2", (2) 3/4"	50	IIIIIIII
Thru-the-Wall Box, 1-1/2" Deep – *Drawn with Conduit KOs*						
204	—	22.5 (368.7)	(8) 1/2", (4) 3/4"	—	50	—
2-1/8” Deep – *Drawn with Conduit KOs*						
232D	Raised Ground Bump	30.0 (491.6)	(8) 1/2”, (4) 3/4”	(2) 1/2”, (2) 3/4”	25	—

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4” Square Boxes – Welded with Conduit KOs



181



189, 8189



189RAC



189SM



911-9

Applications

- RACO® 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 allow for design and installation flexibility.
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4” Square Box, 1-1/2” Deep – *Welded with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
181	—	21.0 (344.1)	(8) 3/4”	(1) 1/2” (4) 3/4”	50	—
189	**600V**, Raised Ground	21.0 (344.1)	(8) 1/2” (4) TKO	(2) 1/2” (2) TKO	50	—
8189	**600V**, Raised Ground	21.0 (344.1)	(8) 1/2” (4) TKO	(2) 1/2” (2) TKO	50	IIIIIIII
189RAC	**600V**	21.0 (344.1)	(8) 1/2” (4) TKO	(2) 1/2” (2) TKO	50	—
189SM	**600V**, Raised Ground, 10” #12 Stranded Copper Pigtail	21.0 (344.1)	(8) 1/2” (4) TKO	(2) 1/2” (2) TKO	50	IIIIIIII
911-9	**600V**, Raised Ground, Painted Red	21.0 (344.1)	(8) 1/2” (4) TKO	(2) 1/2” (2) TKO	50	—

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4” Square Bracketed Boxes – Welded with Conduit KOs


196, 8196


8197


199


208, 8208


193, 8193


189F


189H


189HWP


189M


227 BOX-LOC®

Applications

- RACO® 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 the 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, quickly locking it in place
- 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”

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4” Square Bracketed Boxes, 1-1/2” Deep – *Welded with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
196	**600V**, FS, Flush	21.0 (344.1)	(6) 1/2” (3) TKO	(3) 1/2” (2) TKO	25	—
8196	**600V**, FS, Flush	21.0 (344.1)	(6) 1/2” (3) TKO	(3) 1/2” (2) TKO	25	IIIIIIII
8197	**600V**, FH, Flush	21.0 (344.1)	(6) 1/2” (3) TKO	(3) 1/2” (2) TKO	25	IIIIIIII
199	**600V**, FS, Flush	21.0 (344.1)	(6) 3/4”	(1) 1/2” (4) 3/4”	25	—
208	W, Flush	21.0 (344.1)	(6) 1/2” (3) TKO	(3) 1/2” (2) TKO	25	—
8208	**600V**, W, Flush	21.0 (344.1)	(6) 1/2” (3) TKO	(3) 1/2” (2) TKO	25	IIIIIIII
193	**600V**, B, Flush	21.0 (344.1)	(6) 1/2” (3) TKO	(3) 1/2” (2) TKO	25	—
8193	**600V**, B, Flush	21.0 (344.1)	(6) 1/2” (3) TKO	(3) 1/2” (2) TKO	10	IIIIIIII
189F	**600V**, Raised Ground, 8” #12 Solid Copper Pigtail, UBS Farside Support	21.0 (344.1)	(8) 1/2” (4) TKO	(2) 1/2” (2) TKO	50	—
189H	**600V**, Raised Ground, 8” #12 Solid Copper Pigtail, UBS, HM	21.0 (344.1)	(6) 1/2” (3) TKO	(2) 1/2” (2) TKO	20	—
189HWP	**600V**, Raised Ground, UBS, HM	21.0 (344.1)	(6) 1/2” (3) TKO	(2) 1/2” (2) TKO	20	—
189M	**600V**, Raised Ground, 8” #12 Solid Copper Pigtail, UBS, HM	21.0 (344.1)	(4) 1/2” (2) TKO	(2) 1/2” (2) TKO	20	—
227	**600V**, MS, Flush, BOX-LOC®, Provided with Far-side support (part #978) —	21.0 (344.1)	(6) 1/2” (3) TKO	(3) 1/2” (2) TKO	25	IIIIIIII

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4” Square Extension Rings


201, 8201


202


203, 8203


911-6


187


207

Applications

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

Product Features

- 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

- UL LISTED

4” Square Bracketed Boxes, 1-1/2” Deep – *Drawn with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
201	—	22.5 (368.7)	(12) 1/2”	—	50	—
8201	—	22.5 (368.7)	(12) 1/2”	—	25	IIIIIIII
202	—	22.5 (368.7)	(8) 3/4”	—	50	—
203	—	22.5 (368.7)	(8) 1/2”, (4) 3/4”	—	50	—
8203	—	22.5 (368.7)	(8) 1/2”, (4) 3/4”	—	20	IIIIIIII
911-6	Painted Red	22.5 (368.7)	(8) 1/2”, (4) 3/4”	—	50	—
187	Attaches to Switch Boxes	22.5 (368.7)	(8) 1/2”, (4) 3/4”	—	25	IIIIIIII

4” Square Extension Rings, 2-1/8” Deep – *Welded with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
207	—	30.3 (496.5)	(6) 1/2”, (6) 3/4”	—	25	—

See end of section (Pg A88) for detailed drawings »

4” Square Boxes – Welded with Conduit KOs


232, 8232


232RAC


231, 8231


233, 8233


232SLD


232SM


911-3


232CS


232-OW

Applications

- RACO® 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

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4” Square Box, 2-1/8” Deep – *Welded with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
232	**600V**, Raised Ground	30.3 (496.5)	(8) 1/2″, (4) TKO	(2) 1/2″, (2) TKO	25	—
8232	**600V**, Raised Ground	30.3 (496.5)	(8) 1/2″, (4) TKO	(2) 1/2″, (2) TKO	25	IIIIIIII
232RAC	**600V**, Assembled in the USA	30.3 (496.5)	(8) 1/2″, (4) TKO	(3) 1/2″, (2) TKO	25	—
231	**600V**, Raised Ground	30.3 (496.5)	(8) 3/4″	(1) 1/2″, (4) 3/4″	25	—
8231	**600V**, Raised Ground	30.3 (496.5)	(8) 3/4″	(1) 1/2″, (4) 3/4″	25	IIIIIIII
233	**600V**, Raised Ground	30.3 (496.5)	(8) 1″	(3) 1/2″, (2) 3/4″	25	—
8233	**600V**, Raised Ground	30.3 (496.5)	(8) 1″	(3) 1/2″, (2) 3/4″	25	IIIIIIII
232SLD	**600V**, Raised Ground 8″ #12 Solid Copper Pigtail	30.3 (496.5)	(8) 1/2″, (4) TKO	(2) 1/2″, (2) TKO	25	—
232SM	**600V**, Raised Ground, 10″ #12 Stranded Copper Pigtail	30.3 (496.5)	(8) 1/2″, (4) TKO	(2) 1/2″, (2) TKO	25	IIIIIIII
911-3	**600V**, Painted Red	30.3 (496.5)	(8) 1/2″, (4) TKO	(2) 1/2″, (2) TKO	25	IIIIIII
232CS	**600V**, Raised Ground, Elevated Side Knockouts	30.3 (496.5)	(8) 1/2″, (4) TKO	(2) 1/2″, (2) TKO	25	—
232-OW	**600V**, Raised Ground, Old Work RETRO-RING, Accepts Box Mounting of One or Two Devices	30.3 (496.5)	(8) 1/2″, (4) TKO	(2) 1/2″, (2) TKO	25	IIIIIIII

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4” Square Bracketed Boxes – Welded with Conduit KOs

Applications

- RACO® 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 the 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, 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

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6.
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

See end of section (Pg A88) for detailed drawings »


236


235, 8235


251


232H


232M


232F


238 BOX-LOC®


911-4

4” Square Box, 2-1/8” Deep – *Welded with Conduit KOs*

Cat. #	Description	Cubic In. (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
236	**600V**, FM, Flush	30.3 (496.5)	(6) 3/4″	(1) 1/2″, (4) 3/4″	25	IIIIIIII
235	**600V**, TS, Flush	30.3 (496.5)	(6) 1/2″, (3) TKO	(3) 1/2″, (2) TKO	25	—
8235	TS, Flush,	30.3 (496.5)	(6) 1/2″, (3) TKO	(3) 1/2″, (2) TKO	25	IIIIIIII
251	B Flush	30.3 (496.5)	(6) 1/2″, (3) TKO	(3) 1/2″, (2) TKO	25	—
232H	Raised Ground, 8″ #12 Solid Copper Pigtail, UBS, HM	30.3 (496.5)	(8) 1/2″, (4) TKO	(2) 1/2″, (2) TKO	25	—
232M	**600V**, Raised Ground, 8″ #12 Solid Copper Pigtail, UBS, HM	30.3 (496.5)	(8) 1/2″, (4) TKO	(2) 1/2″, (2) TKO	25	—
232F	**600V**, Raised Ground 8″ #12 Solid Copper Pigtail, UBS	30.3 (496.5)	(8) 1/2″, (4) TKO	(2) 1/2″, (2) TKO	25	—
238	BOX-LOC®, MS, Flush, Provided with Far-side support (part #978)	30.3 (496.5)	(6) 1/2″, (3) TKO	(3) 1/2″, (2) TKO	25	IIIIIIII
911-4	FM Bracket, Painted Red	30.3 (496.5)	(6) 1/2″, (3) TKO	(3) 1/2″, (2) TKO	25	—

4” Square Plenum Boxes and Cover


226


231PL


239


203PL


762


165PL


722PL


257PL


258PL


259PL*


264PL


832PL

Applications

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

Product Features

- To maintain plenum seal, RACO Plenum Boxes do not provide ground screw holes
- Cover gasket is PVC foam material
- Air-tight Knockouts

Compliance

- UL LISTED

Boxes and Covers

Cat. #	Description	Cu. In. (CM^3)	Air-Tight Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
4” Square Plenum						
226	1-1/2″ deep box	21	(8) 1/2″, (4) 3/4″	(3) 1/2″, (2) 3/4″	50	IIIIIIII
231PL	2-1/8″ deep box	30.3	(8) 3/4″	(3) 1/2″, (2) 3/4″	25	—
239	2-1/8″ deep box	30.3	(8) 1/2″, (4) 3/4″	(3) 1/2″, (2) 3/4″	25	IIIIIIII
203PL	1-1/2″ deep extension 4″ sq. boxes	21	(8) 1/2″, (4) 3/4″	—	50	—
762	Gasketed blank cover for 4″ sq. boxes	—	—	—	50	IIIIIIII
4″ Octagon Plenum						
165PL	2-1/8″ deep box	21.5	(2) 1/2″, (2) 3/4″	(3) 1/2″, (2) 3/4″	25	—
722PL	Gasketed blank cover for 4″ octagon box	—	—	—	25	—
4-11/16″ Square Plenum						
257PL	2-1/8″ deep box	42	(8) 1/2″, (4) 3/4″	(3) 1/2″, (2) 3/4″	25	—
258PL	2-1/8″ deep box	42	(8) 1″	(3) 1/2″, (2) 3/4″	25	—
259PL*	2-1/8″ deep box	42	(4) 1″, (4) 1-1/4″	(3) 1/2″, (2) 3/4″	25	—
264PL	2-1/8″ deep box	42	(12) 3/4″	(3) 1/2″, (2) 3/4″	25	—
832PL	Gasketed blank cover for 4-11/16″ sq. box	—	—	—	25	—

*Notes: * Not UL Rated*

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

3-3/4” Square Boxes – Welded with Conduit KOs



256



911-2



255



911-1

Applications

- RACO® Red boxes and covers allow inspector or building owner to immediately identify alarm/fire or life safety systems

Product Features

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

Compliance

- UL LISTED

Large Capacity Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
3-3/4” Square Boxes, 3-1/2” Deep – *Welded with Conduit KOs*						
256	—	45.0 (737.4)	(12) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	25	IIIIIIII
911-2	Painted Red	45.0 (737.4)	(12) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	25	—
3-3/4" Square Bracketed Boxes, 3-1/2" Deep – *Welded with Conduit KOs*						
255	FM Bracket	45.0 (737.4)	(10) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	10	IIIIIII
911-1	FM Bracket, Painted Red	45.0 (737.4)	(10) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	10	—

See end of section (Pg A88) for detailed drawings »

4” Square Boxes – Welded with Armored Cable / Metal Clad / Flex Clamps


213, 8213


213HWP


224


218, 8218


229 BOX-LOC®

Applications

- RACO® 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 the 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, quickly locking it in place
- UBS Support - Welded to box, preset bend points to work with wall thickness 2-1/2” to 6”
- Combination screw heads provide for faster installation
- TKO® Knockouts offer greater flexibility with RACO patented combination 1/2” and 3/4” knockout

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4” Square Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit		
1-1/2” Deep – *Welded with Armored Cable/Metal Clad/Flex Clamps*							
213	**600V**	21.0 (344.1)	4	(4) 1/2", (2) TKO	(1) 1/2"	50	—
8213	**600V**	21.0 (344.1)	4	(4) 1/2", (2) TKO	(1) 1/2"	30	IIIIIIII
Bracketed Box, 1-1/2" Deep – *Welded with Armored Cable/Metal Clad/Flex Clamps*							
213HWP	**600V**, HM, UBS	21.0 (344.1)	4	(4) 1/2", (2) TKO	(1) 1/2"	20	—
224	**600V**, B, Flush	21.0 (344.1)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	—
218	**600V**, FS, Flush	21.0 (344.1)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	—
8218	**600V**, FS, Flush	21.0 (344.1)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	IIIIIIII
229	**600V**, BOX-LOC®, (MS) Flush, Provided with Far-side support (part #978)	21.0 (344.1)	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII

See end of section (Pg A88) for detailed drawings »

4” Square boxes – Welded with Armored Cable / Metal Clad / Flex Clamps

Applications

- RACO® 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 the 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, 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

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6.
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts



248



241, 8241



249



248HWP



243 BOX-LOC®

4” Square Boxes

Cat. #	Description	Cubic Inches (Cm3)	Knockouts			Std. Pkg.	Bar Code
			Cable Prouts	Sides Conduit	Bottom Conduit		
2-1/8” Deep – *Welded with Armored Cable/Metal Clad/Flex Clamps*							
248	**600V**	30.3 (496.5)	4	(4) 1/2”, (2) TKO	(1) 1/2”	25	IIIIIIII
Bracketed Box, 2-1/8” Deep – *Welded with Armored Cable/Metal Clad/Flex Clamps*							
241	**600V**, TS, Flush	30.3 (496.5)	4	(2) 1/2”, (1) TKO	(1) 1/2”	25	—
8241	**600V**, TS, Flush	30.3 (496.5)	4	(2) 1/2”, (1) TKO	(1) 1/2”	25	IIIIIIII
249	**600V**, B, Flush	30.3 (496.5)	4	(2) 1/2”, (1) TKO	(1) 1/2”	25	—
248HWP	**600V**, HM Bracket, UBS	30.3 (496.5)	4	(2) 1/2”, (1) TKO	(1) 1/2”	25	IIIIIIII
243	**600V**, BOX-LOC®, (MS) Flush, Provided w/Far-side support (part #978)	30.3 (496.5)	4	(2) 1/2”, (1) TKO	(1) 1/2”	25	IIIIIIII

See end of section (Pg A88) for detailed drawings »

4” Square Stab-IT® Boxes – Welded with Armored Cable / Metal Clad / Flex Clamps


232S


232MS


232SCM


232MSCM

NEW

232MSHF

NEW

232MSCMHF


244S


244SCM


244MS

NEW

244MSHF


244MSCM

NEW

244MSCMHF


248S


248HS


248MS

NEW

248MSHF

Applications

- For any job where flexible armored cable is being used.

Product Features

- Designed for quick installation of flex, MC, MCI, MCI-A, AC, and HCF Cable. Refer to Stab-IT chart on page A-7
- Accepts cable sizes from 14/2 up to 10/3 for most cable types
- Each Stab-IT connector accommodates two cables
- Pre-installed 8” solid #12 pigtail for faster installation

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6

4” Square Stab-IT Box, 2-1/8” Deep – *Welded with Armored Cable/Metal Clad/Flex Clamps*

Cat. #	Description	Cu. In. (CM3)	Cable Priouts	Knockouts		Std. Pkg.
				Sides Conduit	Bottom Conduit	
232S*	(1) Stab-IT Connector, w/ Pigtail	30.3 (496.5)	2	(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
232MS	(1) Stab-IT Connector, M Brkts., w/ Pigtail & UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
232SCM*	(1) Stab-IT Connector, w/Pigtail, Cable Mgmt. Clip			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
232MSCM	(1) Stab-IT Connector, M Brkts., w/Pigtail, Cable Mgmt. Clip & UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
232MSHF	(1) Stab-IT Connector, M Brkts., w/Pigtail & heavy duty UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
232MSCMHF	(1) Stab-IT Connector, M Brkts., w/Pigtail, Cable Mgmt. Clip & heavy duty UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
244S	(2) Stab-IT Connectors on top, w/Pigtail		4	(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
244SCM	(2) Stab-IT Connectors on top, w/Pigtail & Cable Mgmt. Clips			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
244MS	(2) Stab-IT Connectors, Connectors on top, M Brkts., w/Pigtail			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
244MSHF	(2) Stab-IT Connectors on top, M brkts., w/Pigtail, & heavy duty UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
244MSCM	(2) Stab-IT Connectors on top, M Brkts., w/Pigtail & UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
244MSCMHF	(2) Stab-IT Connectors on top, H Brkt., w/Pigtail, Cable Mgmt. Clips & heavy duty UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
248S	(2) Stab-IT Connectors, w/ Pigtail			(4) 1/2", (1) 1/2"-3/4" TKO	(1) 1/2"	25
248HS	(2) Stab-IT Connectors, H Brkt., w/Pigtail & UBS			(4) 1/2", (1) 1/2"-3/4" TKO	(1) 1/2"	25
248MSHF	(2) Stab-IT Connectors, M Brkts., w/ Pigtail & heavy duty UBS			(4) 1/2", (1) 1/2"-3/4" TKO	(1) 1/2"	25
248MS	(2) Stab-IT Connectors, M Brkts., w/ Pigtail			(4) 1/2", (1) 1/2"-3/4" TKO	(1) 1/2"	25

*Notes: * cULus Listed. All other models are UL Listed. For information on UBS and heavy duty UBS see page A30.*

See end of section (Pg A88) for detailed drawings »

FW Box Assemblies

PRO Ready 4" Stab-IT® Box Assemblies



Save time and effort!



FW1.1



FW1.7



FW1.9



FW4.1



FW4.7



FW4.9

Save time and labor on any job with RACO ProReady™ box assemblies. Components are pre-assembled, ready to install right out of the box. Ensure quality while reducing material and labor cost, even jobsite waste.

Applications

- For any project where flexible armored cable is being used and the electrical needs are repeated throughout the building.

Features

- All components preassembled, ready to install
- Open Center Brackets pre-set for either 16" or 24" studs

STAB-IT 4" Boxes

- STAB-IT connector holds 2 cables
- Built-in cable management clips provide first means of support
- Model ending in HF feature a Heavy Duty Universal Box Support

Adjustable Mud Rings & Hinged Adjustable Mud Rings

- 1/2" to 1-3/8" adjustability range
- All screws inside the ring to eliminate damage from router
- Adjustment screws visible and accessible after the device is installed
- Hinged design allows easy and quick access to install wiring
- For use on wood or metal studs
- UL LISTED

4" Square Box/Pre-Fab Assemblies

Catalog #	Description	Cu. In. Capacity	Ctn. Qty.
FW1.1	232MSCMHF + 773 / 1G - Mud Ring, Raised 3/4" / M Bracket	30.3	12
FW1.7	232MSCMHF + 768HAMR/1G Hinged Adjustable Mud Ring/M Bracket	30.3	12
FW1.9	232MSCMHF + 768AMR / 1G -Adjustable Mud Ring / M Bracket	30.3	12
FW4.1	232MSCMHF + 779 / 2G - Mud Ring, Raised 3/4" / M Bracket	30.3	12
FW4.7	232MSCMHF + 768HAMR/2G Hinged Adjustable Mud Ring/M Bracket	30.3	12
FW4.9	232MSCMHF + 769AMR / 2G - Adjustable Mud Ring / M Bracket	30.3	12

FW Box Assemblies


FW2.1.16


FW2.7.16


FW2.9.16


FW5.1.16


FW5.7.16


FW5.9.16


FW3.1.16


FW3.7.16


FW3.9.16


FW6.1.16


FW6.7.16


FW6.9.16


FW2.1.24


FW2.7.24


FW2.9.24


FW5.1.24


FW5.7.24


FW5.9.24


FW3.1.24


FW3.7.24


FW3.9.24


FW6.1.24


FW6.7.24


FW6.9.24

4" Square Box/Pre-Fab Assemblies

Catalog No.	Description	Cu. In. Capacity	Ctn. Qty.
FW2.1.16	9020R + 232SCM + 773 / 1G - Mud Ring, Raised 3/4" / 16" Studs	30.3	6
FW2.7.16	9020R + 232SCM + 768HAMR/1G Hinged Adjustable Mud Ring/16" Studs	30.3	6
FW2.9.16	9020R + 232SCM + 768AMR / 1G - Adjustable Mud Ring / 16" Studs	30.3	6
FW3.7.16	9020R + 232SCM + 231 + (2) 768HAMR/1G Hinged Adjustable Mud Ring/16" Studs	30.3 + 30.3	6
FW5.1.16	9020R + 232SCM + 779 / 2G - Mud Ring, Raised 3/4" / 16" Studs	30.3	6
FW5.7.16	9020R + 232SCM + 768HAMR/2G Hinged Adjustable Mud Ring/16" Studs	30.3	6
FW5.9.16	9020R + 232SCM + 769AMR / 2G - Adjustable Mud Ring / 16" Studs	30.3	6
FW3.1.16	9020R + 232SCM + 231 + (2) 773 / 1G - Mud Ring, Raised 3/4" / 16" Studs	30.3	6
FW3.9.16	9020R + 232SCM + 231 + (2) 768AMR / 1G - Adjustable Mud Ring / 16" Studs	30.3 + 30.3	6
FW6.1.16	9020R + (232SCM + 779) / 2G - Mud Ring, Raised 3/4" + (231 + 773) / 1G - Mud Ring, Raised 3/4" / 16" Studs	30.3 + 30.3	6
FW6.7.16	9020R + (232SCM + 768HAMR) 2G Hinged Adjustable Mud Ring + (231 + 769HAMR), 1G Hinged Adjustable Mud Ring/16" Studs	30.3 + 30.3	6
FW6.9.16	9020R + (232SCM + 869AMR) / 2G - Adj. Mud Ring + (231 + 768AMR) / 1G - Adj. Mud Ring / 16" Studs	30.3 + 30.3	6
FW2.1.24	9020R + 232SCM + 773 / 1G - Mud Ring, Raised 3/4" / 24" Studs	30.3	6
FW2.7.24	9020R + 232SCM + 768HAMR 1G Hinged Adjustable Mud Ring/24" Studs	30.3	6
FW2.9.24	9020R + 232SCM + 768AMR / 1G - Adjustable Mud Ring / 24" Studs	30.3	6
AW3.7.24	9020R + 232SCM + 231 + (2) 768HAMR/1G Hinged Adjustable Mud Ring/24" Studs	30.3 + 30.3	6
FW5.1.24	9020R + 232SCM + 779 / 2G - Mud Ring, Raised 3/4" / 24" Studs	30.3	6
FW5.7.24	9020R + 232SCM+ 769HAMR/2G Hinged Adjustable Mud Ring/24" Studs	30.3	6
FW5.9.24	9020R + 232SCM + 769AMR /2G - Adjustable Mud Ring / 24" Studs	30.3	6
FW3.1.24	9020R + 232SCM + 231 + (2) 773 / 1G - Mud Ring, Raised 3/4" / 24" Studs	30.3 + 30.3	6
FW3.9.24	9020R + 232SCM + 231 + (2) 768AMR / 1G - Adj. Mud Ring / 24" Studs	30.3 + 30.3	6
FW6.1.24	9020R + (232SCM + 779) / 2G - Mud Ring, Raised 3/4" + (231 + 773) / 1G - Mud Ring, Raised 3/4" / 24" Studs	30.3	6
FW6.7.24	9020R + (232SCM + 768HAMR) 2G Hinged Adjustable Mud Ring + (231 + 769HAMR), 1G Hinged Adjustable Mud Ring/24" Studs	30.3 + 30.3	6
FW6.9.24	9020R + (232SCM + 769AMR) / 2G - Adj. Mud Ring + (231 + 768AMR) / 1G - Adj. Mud Ring / 24" Studs	30.3	6

Square Boxes and Covers

4” Square Boxes – Welded with Non-Metallic Sheathed Cable Clamps


211, 8211


223


225


242


240, 8240

Applications

- RACO® 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 the 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, 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

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6.
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4” Square Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit		
1-1/2” Deep – *Welded with Non-Metallic Sheathed Cable Clamps*							
211	**600V**	21.0 (344.1)	4	(4) 1/2”, (2) TKO	(1) 1/2”	50	—
8211	**600V**	21.0 (344.1)	4	(4) 1/2”, (2) TKO	(1) 1/2”	50	IIIIIIII
223	**600V**, FS, Flush	21.0 (344.1)	4	(2) 1/2”, (1) TKO	(1) 1/2”	25	IIIIIIII
225	**600V**, B, Flush	21.0 (344.1)	4	(2) 1/2”, (1) TKO	(1) 1/2”	25	—
2-1/8” Deep – *Welded with Non-Metallic Sheathed Cable Clamps*							
242	**600V**	30.3 (496.5)	4	(4) 1/2”, (2) TKO	(1) 1/2”	25	—
240	**600V**, TS, Flush	30.3 (496.5)	4	(2) 1/2”, (1) TKO	(1) 1/2”	25	—
8240	**600V**, TS, Flush	30.3 (496.5)	4	(2) 1/2”, (1) TKO	(1) 1/2”	25	IIIIIIII

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4” Square Covers



752, 8752



753, 8753



754



911-8



787



774, 775, 8775
782



771, 8771, 772, 8772
773, 8773, 768, 8768



785, 786

Applications

- RACO® 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
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance

- c UL us LISTED

4” Square Covers

Catalog #	Description	Cubic Inches (CM^3)	Std. Pkg.	Bar Code
Flat Covers				
752	Flat, Blank	—	50	—
8752	Flat, Blank	—	50	IIIIIIII
753	Flat, 1/2″ KO in Center	—	50	—
8753	Flat, 1/2″ KO in Center	—	50	IIIIIIII
754	Flat, 3/4″ KO in Center	—	50	—
911-8	Flat, Blank, Painted Red	—	50	IIIIIIII
Single Device Covers				
787	Flat	—	25	IIIIIIII
771	Raised 1/4″	1.5 (24.6)	100	—
8771	Raised 1/4″	1.5 (24.6)	10	IIIIIIII
782	Raised 1/2″ Tile	3.5 (57.3)	25	IIIIIIII
772	Raised 1/2″ Drawn	3.5 (57.3)	100	—
8772	Raised 1/2″ Drawn	3.5 (57.3)	50	IIIIIIII
768	Raised 5/8″	4.5 (73.7)	50	—
8768	Raised 5/8″	4.5 (73.7)	25	IIIIIIII
773	Raised 3/4″	5.5 (90.1)	50	—
8773	Raised 3/4″	5.5 (90.1)	24	IIIIIIII
774	Raised 1″	7.5 (122.9)	25	IIIIIIII
775	Raised 1-1/4″	9.5 (115.6)	25	—
8775	Raised 1-1/4″	9.5 (115.6)	25	IIIIIIII
785	Raised 1-1/2″	11.3 (185.2)	25	—
786	Raised 2″	14.5 (237.6)	25	—

Square Boxes and Covers

4” Square Covers



791



777, 8777-0



778, 8778



769, 8769



779, 8779



780



781, 8781



795, 796

Applications

- Raised device covers are used for mounting switches or receptacles
- Low voltage partitions may be added to conduit-type boxes to divide power from voice/data

Product Features

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

Compliance

- c UL us LISTED

4” Square Two Device and Tile Covers

Catalog #	Description	Cubic Inches (CM^3)	Std. Pkg.	Bar Code
791	Flat	—	25	IIIIIIII
777	Raised, 1/4", Drawn	3.0 (49.2)	50	—
8777-0	Raised, 1/4", Drawn	3.0 (49.2)	10	IIIIIIII
778	Raised, 1/2", Drawn	5.5 (90.1)	50	—
8778	Raised, 1/2", Drawn	5.5 (90.1)	25	IIIIIIII
769	Raised, 5/8", Drawn	7.3 (119.6)	50	—
8769	Raised, 5/8", Drawn	7.3 (119.6)	25	IIIIIIII
779	Raised, 3/4", Drawn	8.8 (144.2)	50	—
8779	Raised, 3/4", Drawn	8.8 (144.2)	25	IIIIIIII
780	Raised, 1", Drawn	12.0 (196.6)	25	IIIIIIII
781	Raised, 1-1/4", Drawn	15.0 (245.8)	25	—
8781	Raised, 1-1/4", Drawn	15.0 (245.8)	25	IIIIIIII
795	Raised, 1-1/2", Welded	15.5 (253.9)	25	—
796	Raised, 2", Welded	20.5 (335.9)	25	—

Stud Mount Mud Rings



768B



773B



769B

Applications

- RACO Stud-Mount Mud Rings provide secure support for 4" square boxes and feature a built-in mud ring.

Product Features

- Rigid bracket design eliminates the need for far-side support
- Ability to eliminate electrical boxes in low-voltage installations
- Can be installed from both sides of steel studs
- Positive posting tabs ensure consistent alignment on stud
- Center window for accurate positioning
- Works with all box depths and stud sizes with no adjustment required
- Mounts quickly and easily to face of stud

Compliance

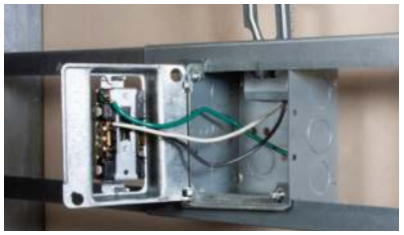
- UL LISTED

4" Stud Mount Mud Rings

Catalog #	Description	Wt. Lbs. Per 100	Cubic Inches	Std. Pkg.	Bar Code
768B	One Device Raised 5/8"	44	4.5	25	IIIIIIII
773B	One Device Raised 3/4"	47	5.5	25	IIIIIIII
769B	Two Device Raised 5/8"	40	7.3	20	IIIIIIII

Square Boxes and Covers

Hinged Mud Rings







772H



768H



773H



778H



769H



779H

Applications

- Perfect for boxes mounted behind drywall or ceramic tile in commercial or residential applications

Product Features

- Unique design allows for mud ring to be opened in the field
- Hinged design allows for easy and quick access to install conduit connectors and wiring
- Accepts all standard devices
- 2-gang versions accept low voltage partitions

Compliance

- UL LISTED

Hinged Mud Rings for 4" Square Boxes

Catalog #	Description	Std. Pkg.	Bar Code
772H	1-Gang Hinged Mud Ring 1/2" Raised	25	IIIIIIII
768H	1-Gang Hinged Mud Ring 5/8" Raised	25	IIIIIIII
773H	1-Gang Hinged Mud Ring 3/4" Raised	25	IIIIIIII
778H	2-Gang Hinged Mud Ring 1/2" Raised	25	IIIIIIII
769H	2-Gang Hinged Mud Ring 5/8" Raised	25	IIIIIIII
779H	2-Gang Hinged Mud Ring 3/4" Raised	25	IIIIIIII

Adjustable Mud Rings







768AMR, 8768AMR



769AMR, 8769AMR



822AMR



756AMR

Applications

- Maintain code-compliant installations in hospitals, health care and multi-family applications. Great for use with ceramic tile

Product Features

- 1/2" to 1-3/8" adjustability range
- Depth adjusted by 2 screws located on opposite sides
- Adjustment screws are clearly visible and accessible even after device is installed
- All screws are inside of ring eliminating damage from router
- Design allows 2-gang cover to be installed without removing box screws
- For use with 2-1/8" deep boxes only

Compliance

- c UL us LISTED

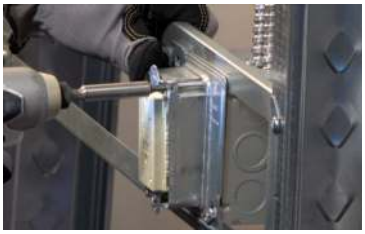
Adjustable Mud Rings

Catalog #	Description	Std. Pkg.	Bar Code
768AMR	1-Gang Adjustable Mud Ring For 4" Sq. Boxes	25	—
8768AMR	1-Gang Adjustable Mud Ring For 4" Sq. Boxes	10	IIIIIIII
769AMR	2-Gang Adjustable Mud Ring For 4" Sq. Boxes	25	—
8769AMR	2-Gang Adjustable Mud Ring For 4" Sq. Boxes	10	IIIIIIII
822AMR	3-Gang Adjustable Round Mud Ring For 942 Box	10	—
756AMR	Adjustable Round Mud Ring For 4" Sq. Boxes	25	—

Square Boxes and Covers

Hinged Adjustable Mud Rings



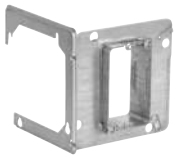




768HAMR



769HAMR



843HAMR



818HAMR

Applications

- Maintain code-compliant installations in hospitals, health care and multi-family applications. Perfect for boxes mounted behind drywall or ceramic tile.

Product Features

- 1/2” to 1-3/8” adjustability range
- Available for 4” square and 4-11/16” square boxes
- 1-Gang and 2-Gang versions
- Hinged design allows easy and quick access to install conduit connectors and wiring
- Adjustment screws are clearly visible and accessible even after device is installed
- Unique design allows for mud ring to be opened in the field
- Design allows 2-gang cover to be installed without removing box screws
- For use with 2-1/8” deep boxes

Compliance

- UL LISTED

Hinged Adjustable Mud Rings

Catalog #	Description	Std. Pkg.	Bar Code
For 4” Square Boxes			
768HAMR	1-Gang Hinged Adjustable Mud Ring	25	—
769HAMR	2-Gang Hinged Adjustable Mud Ring	25	—
For 4-11/16" Square Boxes			
843HAMR	1-Gang Hinged Adjustable Mud Ring	25	—
818HAMR	2-Gang Hinged Adjustable Mud Ring	25	—

Notes: Saves time and improves productivity.

Universal Stud Mount Brackets









USMB



USMB134



USMB158



USMB234



USMB258



USMB1A



USMB2A

Applications

- RACO Universal Stud Mount Brackets provide secure support for 4” and 4-11/16” square boxes on metal studs.

Product Features

- Snap to metal stud or to an open center bracket* makes installation hands free, saving time and increasing productivity
- Rigid bracket design eliminates the need for far-side support
- Ability to eliminate electrical boxes in low-voltage installations
- Can be mounted vertically or horizontally
- Mounts to either side of the stud and can be mounted side by side on the same stud
- Positive Posting Tabs ensure consistent alignment on stud
- Center window for accurate positioning
- Works with all box depths and stud sizes with no adjustment required
- Universal Stud Mount Bracket works with any mud ring

Compliance

- c UL us LISTED

Universal Stud Mount Brackets

Catalog #	Description	Carton Unit Qty.	Carton Dimensions H x W x D (in.)	Carton I2of5
USMB	Universal Stud Mount Bracket	20	7.500 x 8.375 x 8.375	50050169985569
USMB134	Universal Stud Mount Bracket Single Device 3/4” Raised Mud Ring	20	8.500 x 8.250 x 12.375	50050169985576
USMB158	Universal Stud Mount Bracket Single Device 5/8” Raised Mud Ring	20	7.375 x 8.250 x 12.375	50050169985583
USMB234	Universal Stud Mount Bracket Two Device 3/4” Raised Mud Ring	20	8.500 x 8.250 x 12.375	50050169985590
USMB258	Universal Stud Mount Bracket Two Device 5/8” Raised Mud Ring	20	7.375 x 8.250 x 12.375	50050169985606
USMB1A	Universal Stud Mount Bracket Single Device Adjustable Mud Ring	20	8.875 x 9.750 x 14.000	50050169985620
USMB2A	Universal Stud Mount Bracket Two Device Adjustable Mud Ring	20	8.875 x 12.250 x 14.813	50050169985637

Notes: Works with open center bracket item 9030G.

Ultimate G Series Mounting Brackets









9030GP



232GSCM



252GSCM



768HAMRGH



768HAMRG



769HAMRG



9030G



995

Maximize your flexibility and productivity with the Ultimate G series brackets from RACO. The gangable design saves time and effort on the jobsite, allowing for hands-free installation. Snap on to any stud or to the new open center bracket. Ideal for prefab applications.

Applications

- Ideal for prefab applications, the Ultimate G series brackets work with both 4" boxes and mud rings or 4-11/16" boxes and mud rings, mount to studs or open center bracket.

Product Features

- Snap to stud or open center bracket for hands-free installation
- Save time and increase productivity
- For low-voltage installations the bracket can be used without electrical boxes
- Mounts to either side of the stud
- Gangable, making it easy to add boxes on either side
- Positive posting tabs ensure consistent alignment on the stud
- Center window for accurate positioning
- Works with all box depths and stud sizes with no adjustment required
- Available with integrated Hinged Adjustable Mud Rings
- 232GSCM and 252GSCM feature our STAB-iT® boxes with cable management

Ultimate G Series Mounting Brackets

Catalog #	Description	Carton Unit Qty.	Carton Dimensions H x W x D (in.)	Carton I2of5
9030GP	Ultimate G series mounting bracket	25	9.740 x 6.500 x 9.000 x 13.250	50050169985491
232GSCM	Ultimate G series mounting bracket with 4 In STAB-iT box	12	16.320 x 8.000 x 13.000 x 13.750	50050169985507
252GSCM	Ultimate G series mounting bracket 4-11/16 STAB-iT II box	12	19.900 x 8.000 x 13.000 x15.125	50050169985514
768HAMRGH	Ultimate G series mounting bracket single device horizontal with HAMR	20	21.200 x 7.500 x 13.000 x 16x000	50050169985521
768HAMRG	Ultimate G series mounting bracket single device with HAMR	20	21.200 x 7.500 x 13.000 x 16x000	50050169985538
769HAMRG	Ultimate G series mounting bracket two device with HAMR	20	21.200 x 7.500 x 13.000 x 16x000	50050169985545
9030G	Open center bracket for G & S series	25	21.200 x 7.500 x 13.000 x 16x000	50050169985484
995	Box support bracket - Ultimate G series	50	21.200 x 7.500 x 13.000 x 16x000	50050169985552

4” Square 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



706RAC



707RAC



709

Low Voltage Partitions

Cat. #	Description	Std. Pkg.	Bar Code
For 1-1/2” Depth Boxes and 2-Device Covers			
706RAC	Fits 1/4" to 1" Cover Depth (#777, 8777-0, 778, 769, 8769, 8778, 779, 8779, 780)	25	—
For 2-1/8" Depth Boxes and 2-Device Covers*			
707RAC	Fits 1/4" to 1" Cover Depth (#777, 8777-0, 778, 769, 8769, 8778, 779, 8779, 780)	25	—
709	Fits 1-1/4", 1-1/2" or 2" Cover Depth (#781, 8781, 795, 796)	25	—

Notes: Boxes, covers, and partitions must be ordered separately.
For 5/8" cover depth, use the 3/4" break.
Partitions are usable but not UL listed for 4-11/16” sq. box.

4” Square Fixture Covers

Applications

- Raised fixture covers are used where fixtures will be installed

Product Features

- Angled mounting slots compensate up to 12° for box misalignment
- Swivel covers restricted to 20° swing from vertical
- KWIK-HANG® 897KH allows easy installation of high bay lighting fixtures. Fixture rests in position while wiring is completed

Compliance

- c UL us LISTED



756-759, 767, 8756, 8767



897KH

4” Square Covers

Cat. #	Description	Cubic Inches (Cm3)	Recommended Max. Loads		Std. Pkg.	Bar Code
			Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
Fixture Covers						
767	Raised, 1/2" Open, Ears 2-3/4" O.C.	3.0 (49.2)	No	50	25	—
8767	Raised, 1/2" Open, Ears 2-3/4" O.C.	3.0 (49.2)	No	50	25	IIIIIIII
756	Raised, 5/8" Open, Ears 2-3/4" O.C.	4.0 (65.5)	No	50	100	—
8756	Raised, 5/8" Open, Ears 2-3/4" O.C.	4.0 (65.5)	No	50	25	IIIIIIII
759	Raised, 3/4" Open, Ears 2-3/4" O.C.	5.0 (81.9)	No	50	25	IIIIIIII
757	Raised, 1" Open, Ears 2-3/4" O.C.	6.8 (111.4)	No	50	25	IIIIIIII
758	Raised, 1-1/4" Open, Ears 2-3/4" O.C.	8.5 (139.3)	No	50	25	—
Swivel Fixture Covers						
897KH	KWIK-HANG® for 4" Sq. Boxes, 1/2" or 3/4" Pipe	—	No	50	25	IIIIIIII

Square Boxes and Covers

4” Square Exposed Work Covers


800C


801C


803C


804C


805C


806C


807C


808C


808U


809C


809U


810C


811C


811U


812C


813C


814C


831C


902C


906C


907C


915C

Applications

- RACO® 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

- Exposed work covers include screws and nuts where required
- RACO® Exposed work covers meet the requirements of the 2020 NEC Article 250.146 (A). No bonding jumper is required for covers with:
  1. Crushed corners
  2. Two or more device attachment fasteners that are permanent with thread-locking, screws, or nut-locking means
  3. Insulating retaining washer removed for at least one device attachment screw

Compliance

- c UL US LISTED

4” Square Exposed Work Covers

Catalog #	Description	Cubic In. (CM^3)	Std. Pkg.	Bar Code
Crushed Corner Covers – *Raised 1/2”*				
800C	1 Toggle Switch	6.5 (106.5)	10	IIIIIIII
801C	1 Receptacle 1.406″ Dia.	6.5 (106.5)	10	IIIIIIII
803C	2 Toggle Switches	6.5 (106.5)	10	IIIIIIII
804C	Blank, No Holes	6.5 (106.5)	10	IIIIIIII
805C	1 Toggle Switch and 1 Receptacle 1.406″ Dia.	6.5 (106.5)	10	IIIIIIII
806C	1 Duplex and 1 Receptacle 1.406″ Dia.	6.5 (106.5)	10	IIIIIIII
807C	2 Receptacles 1.406″ Dia.	6.5 (106.5)	10	IIIIIIII
808C	1 GFCI	6.5 (106.5)	10	IIIIIIII
809C	2 GFCI	6.5 (106.5)	10	IIIIIIII
810C	30A-50A Receptacle 2.141″ Dia.	6.5 (106.5)	10	IIIIIIII
811C	30A Locking 1.719″ Dia.	6.5 (106.5)	10	IIIIIIII
812C	20A Receptacle 1.620″ Dia.	6.5 (106.5)	10	IIIIIIII
813C	30-60A Receptacle 2.625″ Dia.	6.5 (106.5)	10	IIIIIIII
814C	1 GFCI and 1 Toggle Switch	6.5 (106.5)	10	IIIIIIII
831C	1 Duplex, 1 20A, 1.620″ Dia.	6.5 (106.5)	10	IIIIIIII
902C	1 Duplex Receptacle	6.5 (106.5)	10	IIIIIIII
906C	1 Duplex Receptacle and 1 Toggle Switch	6.5 (106.5)	10	IIIIIIII
907C	2 Duplex Receptacles	6.5 (106.5)	10	IIIIIIII
915C	1 GFCI and 1 Duplex Receptacle	6.5 (106.5)	10	IIIIIIII
Universal Crushed Corner Covers – *Raised 1/2”, Insert Plates*				
808U	Universal for 1 Device: 1 GFCI, 1 Duplex, 1 Toggle	6.5 (106.5)	10	IIIIIIII
809U	Universal for 2 Devices: 2 GFCI, 2 Duplex or 2 Toggle	6.5 (106.5)	10	IIIIIIII
811U	Universal for 1 Round Device: 1.405″ Dia. Hole, 1.620″ Dia. Hole, 1.709″ Dia. Hole	6.5 (106.5)	10	IIIIIIII

4-11/16” Square Boxes and Extension Rings – Drawn with Conduit KOs



245



246



247



250



262

Applications

- RACO® 4-11/16” 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)
- RACO® Extension rings provide a means for adding cubic inch capacity or as an outlet box for surface conduit

Product Features

- Combination screw heads provide for faster installation

Compliance

- UL LISTED

4-11/16” Square Boxes, 1-1/2” Deep – *Drawn with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
245	—	29.5 (483.4)	(12) 1/2"	(3) 1/2", (2) 3/4"	25	—
246	—	29.5 (483.4)	(10) 3/4"	(3) 1/2", (2) 3/4"	25	—
247	—	29.5 (483.4)	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	25	—

4-11/16" Square Extension Rings – *Drawn with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
250	1-1/2" Depth	29.5 (483.4)	(8) 1/2", (4) 3/4"	—	25	—
262	2-1/8" Depth	43.0 (704.6)	(8) 1/2", (4) 3/4"	—	25	IIIIIIII

See end of section (Pg A79) for detailed drawings »

Square Boxes and Covers

Stab-IT II - 4-11/16" Square Boxes

Applications

- For any job where flexible armored cable is being used
- Ideal for pre-fab

Product Features

- Accepts larger cable, including PC-PCS luminaire cables for smart building applications
- 3 times faster than traditional connectors
- Each Stab-IT connector accommodates three cables
- Available with built-in cable management clip, offering first means of support
- Available with "M" brackets for stud mounting
- Pre-installed 8" solid #12 pigtail for faster
- Suitable for use without a bonding jumper in circuits up to 600 volts
- Improved design allows each cable to easily be removed, allows connector to be reused

Compliance

- cULus LISTED



252S



252SCM



252MS



252MSCM



252MSCMHF



252MSHF



254S



254SCM

4-11/16" Square Stab-IT® Box, 2-1/8" Deep – *Welded with Armored Cable/Metal Clad/Flex Clamps*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit		
252S*	(1) Stab-IT II Connector, w/Pigtail	42.0 (688.3)	3	(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–
252SCM*	(1) Stab-IT II Connector, w/Pigtail, & Cable Mgmt. Clip			(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–
252MS*	(1) Stab-IT II Connector, M brkts., w/Pigtail & UBS			(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–
252MSCM*	(1) Stab-IT II Connector, M brkts., w/Pigtail, Cable Mgmt. Clip & UBS			(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–
252MSCMHF	(1) Stab-IT II Connector, M brkts., w/Pigtail, Cable Mgmt. Clip & heavy duty UBS			(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–
252MSHF	(1) Stab-IT II Connector, M brkts., w/pigtail & heavy duty UBS			(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–
254S*	(2) Stab-IT II Connectors on top, w/pigtail		6	(8) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–
254SCM*	(2) Stab-IT II Connectors on top, w/Pigtail, Cable Mgmt. Clips & UBS			(8) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–
987	Heavy duty Universal Box Support (UBS)	–		–		25	–

*Notes: * cULus Listed. All other models are UL Listed.*





New, Heavy Duty UBS (987), accommodates 2.5" - 6" stud depths featured on models ending in HF



All models with an "M" or "H" after the 3 digit number feature RACO's Universal Box Support. This excludes part numbers ending with "HF"

See end of section (Pg A89) for detailed drawings »

4-11/16" Stab-IT® II Box Assemblies for Pre-Fab



Save time and effort!



AW1.1



AW1.7



AW1.9



AW4.1



AW4.7



AW4.9

Save time and labor on any job with RACO ProReady™ prefab assemblies. Components are pre-assembled, ready to install right out of the box. Ensure quality while reducing material and labor cost, even jobsite waste.

Applications

- For any job where flexible armored cable is use and the project has repeating electrical needs.

Features

- All components preassembled, ready to install
- Open Center Brackets pre-set for either 16" or 24" studs

Stab-IT II 4-11/16" Boxes

- Stab-IT connector holds 3 cables
- Built-in cable management clips provide first means of support
- Model ending in HF feature a Heavy Duty Universal Box Support

Adjustable Mud Rings & Hinged Adjustable Mud Rings

- 1/2" to 1-3/8" adjustability range
- All screws inside the ring to eliminate damage from router
- Adjustment screws visible and accessible after the device is installed
- Hinged design allows easy and quick access to install wiring
- For use on wood or metal studs
- Designed and assembled in USA
- UL LISTED

Components

- 252MSCMHF: 4-11/16" Sq., 2-1/8" deep, (1) STAB-IT II connector, M Bracket, Pigtail Heavy Duty Universal Box Support, and Cable Management Clip
- 252SCM: 4-11/16" Sq., 2-1/8" deep, (1) STAB-IT II connector, Pigtail and Cable Management Clip
- 265: 4-11/16" Sq., 2-1/8" deep, Raised Ground
- 9020R: Adjustable Open Center Bracket – 16" to 24"
- 838: 1G Fixed Mud Ring 3/4"
- 840: 2G Fixed Mud Ring 3/4"
- 868AMR: 1G Adjustable Mud Ring
- 869AMR: 2G Adjustable Mud Ring
- 843HAMR 1G Hinged Adjustable Mud Ring
- 818HAMR 2G Hinged Adjustable Mud Ring

4-11/16" Square Box/Pre-Fab Assemblies

Catalog #	Description	Cu. In. Capacity	Ctn. Qty.
AW1.1	252MSCMHF + 838 / 1G - Mud Ring, Raised 3/4" / M Bracket	42.0	12
AW1.7	252MSCMHF + 843HAMR/1G Hinged Adjustable Mud Ring/M Bracket	42.0	12
AW1.9	252MSCMHF + 868AMR / 1G -Adjustable Mud Ring / M Bracket	42.0	10
AW4.1	252MSCMHF + 840 / 2G - Mud Ring, Raised 3/4" / M Bracket	42.0	12
AW4.7	252MSCMHF + 818HAMR/2G Hinged Adjustable Mud Ring/M Bracket	42.0	12
AW4.9	252MSCMHF + 869AMR / 2G - Adjustable Mud Ring / M Bracket	42.0	10

AW Box Assemblies


AW2.1.16


AW2.7.16


AW2.9.16


AW5.1.16


AW5.7.16


AW5.9.16


AW3.1.16


AW3.7.16


AW3.9.16


AW6.1.16


AW6.7.16


AW6.9.16


AW2.1.24


AW2.7.24


AW2.9.24


AW5.1.24


AW5.7.24


AW5.9.24


AW3.1.24


AW3.7.24


AW3.9.24


AW6.1.24


AW6.7.24


AW6.9.24

4-11/16" Square Box/Pre-Fab Assemblies

Catalog No.	Description	Cu. In. Capacity	Ctn. Qty.
AW2.1.16	9020R + 252SCM + 838 / 1G - Mud Ring, Raised 3/4" / 16" Studs	42.0	6
AW2.7.16	9020R + 252SCM + 843HAMR/1G Hinged Adjustable Mud Ring/16" Studs	42.0	6
AW2.9.16	9020R + 252SCM + 868AMR / 1G - Adjustable Mud Ring / 16" Studs	42.0	6
AW5.1.16	9020R + 252SCM + 840 / 2G - Mud Ring, Raised 3/4" / 16" Studs	42.0	6
AW5.7.16	9020R + 252SCM + 818HAMR/2G Hinged Adjustable Mud Ring/16" Studs	42.0	6
AW5.9.16	9020R + 252SCM + 869AMR / 2G - Adjustable Mud Ring / 16" Studs	42.0	6
AW3.1.16	9020R + 252SCM + 265 + (2) 838 / 1G - Mud Ring, Raised 3/4" / 16" Studs	42.0	6
AW3.7.16	9020R + 252SCM + 265 + (2) 843HAMR/1G Hinged Adjustable Mud Ring/16" Studs	42.0 + 42.0	6
AW3.9.16	9020R + 252SCM + 265 + (2) 868AMR / 1G - Adjustable Mud Ring / 16" Studs	42.0	6
AW6.1.16	"9020R + (252SCM + 840) / 2G - Mud Ring, Raised 3/4"" + (265 + 838) / 1G - Mud Ring, Raised 3/4"" / 16"" Studs"	42.0 + 42.0	6
AW6.7.16	"9020R + (252SCM + 818HAMR) 2G Hinged Adjustable Mud Ring + (265 + 843HAMR), 1G Hinged Adjustable Mud Ring/16"" Studs"	42.0 + 42.0	6
AW6.9.16	"9020R + (252SCM + 869AMR) / 2G - Adj. Mud Ring + (265 + 868AMR) / 1G - Adj. Mud Ring / 16"" Studs"	42.0	6
AW2.1.24	9020R + 252SCM + 838 / 1G - Mud Ring, Raised 3/4" / 24" Studs	42.0	6
AW2.7.24	9020R + 252SCM + 843HAMR 1G Hinged Adjustable Mud Ring/24" Studs	42.0	6
AW2.9.24	9020R + 252SCM + 868AMR / 1G - Adjustable Mud Ring / 24" Studs	42.0	6
AW3.7.24	9020R + 252SCM + 265 + (2) 843HAMR/1G Hinged Adjustable Mud Ring/24" Studs	42.0 + 42.0	6
AW5.1.24	9020R + 252SCM + 840 / 2G - Mud Ring, Raised 3/4" / 24" Studs	42.0	6
AW5.7.24	9020R + 252SCM+ 818HAMR/2G Hinged Adjustable Mud Ring/24" Studs	42.0	6
AW5.9.24	9020R + 252SCM + 869AMR /2G - Adjustable Mud Ring / 24" Studs	42.0	6
AW3.1.24	9020R + 252SCM + 265 + (2) 838 / 1G - Mud Ring, Raised 3/4" / 24" Studs	42.0 + 42.0	6
AW3.9.24	9020R + 252SCM + 265 + (2) 868AMR / 1G - Adj. Mud Ring / 24" Studs	42.0 + 42.0	6
AW6.1.24	9020R + (252SCM + 840) / 2G - Mud Ring, Raised 3/4" + (265 + 838) / 1G - Mud Ring, Raised 3/4" / 24" Studs	42.0 + 42.0	6
AW6.7.24	"9020R + (252SCM + 818HAMR) 2G Hinged Adjustable Mud Ring + (265 + 843HAMR), 1G Hinged Adjustable Mud Ring/24"" Studs"	42.0 + 42.0	6
AW6.9.24	"9020R + (252SCM + 869AMR) / 2G - Adj. Mud Ring + (265 + 868AMR) / 1G - Adj. Mud Ring / 24"" Studs"	42.0 + 42.0	6

4-11/16” Square Boxes – Welded with Conduit KOs


257, 8257, 8257SP


258


259


265, 8265, 8265SP


911-12


257SM


258SM


257F


257H, 257HS


257M


254


266 BOX-LOC®

Applications

- RACO® 4-11/16” Boxes are used for a wide variety of industrial applications where larger sized conductors or wiring devices are needed and more volume is required

Product Features

- Reference the 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, quickly locking it in place
- Combination screw heads provide for faster installation
- 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

Compliance

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

See end of section (Pg A89) for detailed drawings »

4-11/16” Square Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
2-1/8” Deep – *Welded with Conduit KOs*						
257	**600V**, Raised Ground	42.0 (688.2)	(12) TKO	(1) 1/2", (3) TKO	25	—
8257	**600V**, Raised Ground	42.0 (688.2)	(12) TKO	(1) 1/2", (3) TKO	25	IIIIIIII
8257SP	**600V**, Raised Ground	42.0 (688.2)	(12) TKO	(1) 1/2", (3) TKO	20	IIIIIIII
258	**600V**, Raised Ground	42.0 (688.2)	(8) 1"	(1) 1/2", (3) TKO	25	—
259*	**600V**, Raised Ground	42.0 (688.2)	(6) 1-1/4"	(1) 1/2", (3) TKO	25	—
265	**600V**, Raised Ground	42.0 (688.2)	(4) 3/4", (4) 1"	(1) 1/2", (3) TKO	25	—
8265	**600V**, Raised Ground	42.0 (688.2)	(4) 3/4", (4) 1"	(1) 1/2", (3) TKO	25	IIIIIIII
8265SP	**600V**, Raised Ground	42.0 (688.2)	(4) 3/4", (4) 1"	(1) 1/2", (3) TKO	20	IIIIIIII
911-12	**600V**, Raised Ground, Painted Red	42.0 (688.2)	(12) TKO	(1) 1/2", (3) TKO	25	—
257SM	**600V**, Raised Ground, 10" #12 Stranded Copper Pigtail	42.0 (688.2)	(12) TKO	(1) 1/2" (3) TKO	25	IIIIIIII
258SM	**600V**, Raised Ground, 10" #12 Stranded Copper Pigtail	42.0 (688.2)	(8) 1"	(1) 1/2" (3) TKO	25	IIIIIIII
257F	**600V**, Raised Ground, 8" #12 Solid Copper Pigtail, UBS	42.0 (688.2)	(12) TKO	(1) 1/2" (3) TKO	20	—
Bracketed Boxes, 2-1/8" Deep – *Welded with Conduit KOs*						
257H	**600V**, Raised Ground, 8" #12 Solid Copper Pigtail, UBS, HM	42.0 (688.2)	(12) TKO	(1) 1/2" (3) TKO	20	—
257HS	**600V**, Raised Ground, 10" #12 Stranded Copper Pigtail, UBS, HM	42.0 (688.2)	(12) TKO	(1) 1/2" (3) TKO	20	—
257M	**600V**, Raised Ground, 8" #12 Solid Copper Pigtail, UBS, HM	42.0 (688.2)	(12) TKO	(1) 1/2" (3) TKO	20	—
254	**600V**, Raised Ground, FM	42.0 (688.2)	(9) TKO	(1) 1/2", (3) TKO	25	IIIIIIII
266	**600V**, Raised Ground, BOX-LOC®, MS Flush, Provided w/Far-side support (part #978)	42.0 (688.2)	(9) TKO	(1) 1/2" (3) TKO	25	IIIIIIII

*Notes: * Not UL Rated.*

Square Boxes and Covers

4-11/16” Adjustable Mud Rings

Applications

- Maintain code-compliant installations in hospitals, health care and multi-family applications. Great for use with ceramic tile

Product Features

- 1/2” to 1-3/8” adjustability range
- Depth adjusted by 2 screws located on opposite sides
- Adjustment screws are clearly visible and accessible even after device is installed
- All screws are inside of ring eliminating damage from router
- Design allows 2-gang cover to be installed without removing box screws
- For use with 2-1/8” deep boxes only

Compliance

- c UL us LISTED



868AMR



869AMR

Adjustable Mud Rings

Catalog #	Description	Std. Pkg.
868AMR	1-Gang Adjustable Mud Ring For 4-11/16” Sq. Boxes	25
869AMR	2-Gang Adjustable Mud Ring For 4-11/16” Sq. Boxes	25

4-11/16” Square Covers



832, 832SP



833, 8833-5



911-11



837, 8837



843



838



839



842



898



899

Applications

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

Product Features

- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance

- c UL us LISTED

4-11/16” Square Flat Covers

Cat. #	Description	Std. Pkg.	Bar Code
832	Flat, Blank	50	IIIIIIII
832SP	Flat, Blank	25	IIIIIIII
833	Flat, 1/2" KO, Centered	50	IIIIIIII
8833-5*	Flat, 1/2" KO, Centered	50	IIIIIIII
911-11	Flat, Blank, Painted Red	50	—

*Notes: *5 Bundles of 10 – sold in carton quantities only.*

4-11/16” Square Single Device and Tile Covers

Cat. #	Description	Cu. In. (CM^3)	Std. Pkg.	Bar Code
837	Raised 1/2"	3.5 (57.3)	25	—
8837	Raised 1/2"	3.5 (57.3)	25	IIIIIIII
843	Raised 5/8"	4.5 (73.7)	25	IIIIIIII
838	Raised 3/4"	5.5 (90.1)	25	—
839	Raised 1"	7.5 (122.9)	25	—
842	Raised 1-1/4"	9.5 (155.6)	25	—
898	Raised 1-1/2"	11.0 (180.2)	20	—
899	Raised 2"	16.0 (262.2)	20	—

4-11/16” Square Covers


841


818


840


819


820


885


855, 859


911-16, 911-17


829


835

Applications

- RACO® 4-11/16” raised device covers are for mounting switches or receptacles
- Raised fixture covers are used where fixtures will be installed

Product Features

- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance

- c UL us LISTED

4-11/16” Square Two Device and Tile Covers

Catalog #	Description	Cubic In. (CM^3)	Std. Pkg.	Bar Code
841	Raised 1/2″	5.5 (90.3)	25	IIIIIIII
818	Raised 5/8″	7.3 (119.6)	25	—
840	Raised 3/4″	8.8 (144.2)	25	—
819	Raised 1″	12.0 (196.6)	25	—
820	Raised 1-1/4″	15.0 (245.8)	25	—
885	Raised 1-1/2″	15.5 (254.0)	20	—
855	Raised 5/8″, For Life Safety Appliances & Emergency Exit Signs	8.3 (136.0)	25	—
859	Raised 1-1/4″, For Life Safety Appliances & Emergency Exit Signs	16.0 (262.0)	12	—
911-16	Raised 5/8″, For Life Safety Appliances & Emergency Exit Signs, Painted Red	8.3 (136.0)	25	—
911-17	Raised 1-1/4″, For Life Safety Appliances & Emergency Exit Signs, Painted Red	16.0 (262.0)	12	—

4-11/16” Square Fixture Covers

Cat. #	Description	Cubic Inches (CM^3)	Recommended Max. Loads		Std. Pkg.	Bar Code
			Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
829	Raised 1/2″, Open, Ears 2-3/4″ O.C.	3.0 (49.6)	No	50	25	IIIIIIII
835	Raised 5/8″, Open, Ears 2-3/4″ O.C.	4.0 (65.5)	No	50	25	—

Square Boxes and Covers

4-11/16” Square Exposed Work Covers


856


857


858


870RAC


878


887


888


959


972


979


881RAC


876

Applications

- RACO® 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 2020 NEC Article 250.146 (A). No bonding jumper is required for covers with:
  1. Crushed corners
  2. Two or more device attachment fasteners that are permanent with thread-locking, screws, or nut-locking means
  3. A lock washer or equivalent
- Hardware and cover are packed in a polybag with printed catalog number, compliances and installation instructions

Compliance

- c UL us LISTED

4-11/16” Exposed Work Covers

Catalog #	Description	Cubic In. (CM^3)	Std. Pkg.	Bar Code
856	1 Decorator Device or GFCI	10.3 (168.7)	10	IIIIIIII
857	2 Decorator devices or GFCI	10.3 (168.7)	10	IIIIIIII
858	1 Toggle Switch and 1 GFCI	10.3 (168.7)	10	IIIIIIII
870RAC	1 Toggle Switch	10.3 (168.7)	10	IIIIIIII
878	30-50A Receptacle 2.141" Dia.	10.3 (168.7)	10	IIIIIIII
887	20A Receptacle 1.594" Dia.	10.3 (168.7)	10	IIIIIIII
888	30-60A Receptacle 2.625" Dia.	10.3 (168.7)	10	IIIIIIII
959	1 Duplex and 1 GFCI	10.3 (168.7)	10	IIIIIIII
972	1 Duplex Receptacle	10.3 (168.7)	10	IIIIIIII
979	2 Duplex Receptacles	10.3 (168.7)	10	IIIIIIII
881RAC	2 Toggle Switches	10.3 (168.7)	10	IIIIIIII
876	1 Toggle Switch and 1 Duplex Receptacle	10.3 (168.7)	10	IIIIIIII

NEW PRODUCT

5″ Square Data Box







905SQ



9030G



955

Large capacity box for audio, video, data, and power applications. This 5″ data box provides ample space for high speed and fiber optical cable bends. Extra-large knockouts are included for pulling pre-terminated cables.

Applications

- Mounts with 905SQ to stud or 9030G open center bracket
- Built for use with 9030G open center bracket
- Mounts to box support ceiling to terminate home runs

Product Features

- Accepts standard 4-11/16” square mud rings and covers without an adapter plate
- 3-1/4″ deep box
- 76 cu inch capacity
- 5SQ200 has includes knockout sizes 1/2″ through 2″
- 5SQTR includes 1/2″ knockout sizes 1/2″-3/4″ TKO's and 3/4″-1″ TKO's.
- 5SQ200 has two pre-installed raised ground screws
- 5SQTR has two 1/4″ Treaded Hubs on side and back

Compliance

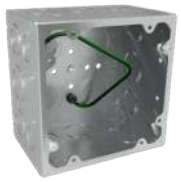
- c UL us LISTED

5″ Square Data Box

Catalog #	Description	Carton Qty.	I2OF5 Bar Code
905SQ	5” Square Box Bracket	25	50050169549051
9030G	Ultimate G Series Mounting Bracket	25	50050169985491
955	Far Side Support for Box Bracket	50	5005016998552



5SQ200



5SQTR

5″ Square Data Box

Catalog #	Description	Carton Qty.	I2OF5 Bar Code
5SQ200	5″ Square Data Box	20	50050169549044
5SQTR	5″ Square Junction Box	20	50050169549068

Square Boxes and Covers

Life Safety Support Products - Immediate Identification



911-9



911-6



911-12



911-3



911-4



911-15



911-2



911-1

Applications

- RACO® Red boxes and covers allow inspector or building owner to immediately identify alarm/fire or life safety systems

Product Features

- 911-2, 911-1 boxes have 3-3/4" opening in wall that allows for a margin of error when using a standard 4" square cover
- 911-15 accepts all 4-11/16" square covers and mudrings

Compliance

- UL LISTED

Life Safety Steel Wall Boxes and Extension Rings – *Painted Red*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
911-9	1-1/2" Depth, Welded, 4" Square	21.0 (344.1)	(8) 1/2", (4) TKO	(2) 1/2", 2 TKO	50	—
911-6	1-1/2" Depth, 4" Square, Drawn Extension Ring	22.5 (368.7)	(8) 1/2", (4) 3/4"	—	50	—
911-12	2-1/8" Depth, Welded, 4-11/16" Square	42.0 (688.2)	(12) TKO	(1) 1/2", (3) TKO	25	—
911-3	2-1/8" Depth, Welded, 4" Square	30.3 (496.5)	(8) 1/2", (4) TKO	(3) 1/2", 2 TKO	25	—
911-4	2-1/8" Depth, Welded, 4" Square, FM Bracket	30.3 (496.5)	(6) 1/2", (3) TKO	(3) 1/2", 2 TKO	25	—
911-15	3-1/4" Depth Back Box, Welded, 4-11/16" Square	66.7 (1093.0)	(2) 1/2" - 3/4" TKO, (2) 1" - 1-1/4"TKO, (2) 1" - 2" Conc. KO	(2) 3/4"- 1" TKO, (2) 1/2" KO	10	—
911-2	3-1/2" Depth, Welded, 3-3/4" Square	45.0 (737.4)	(12) 1/2"-3/4" Concentric	(4) 1/2" 3/4" Concentric	25	—
911-1	3-1/2" Depth, Welded, 3-3/4" Square, FM Bracket	45.0 (737.4)	(10) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	10	—

See end of section (Pg A88 - A89) for detailed drawings »

Life Safety Support Products - Immediate Identification

Applications

- RACO® Red boxes and covers allow inspector or building owner to immediately identify alarm/fire or life safety systems

Product Features

- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance

- c UL us LISTED



911-16, 911-17



855, 859



911-8



911-11

Life Safety Steel Wall Boxes Covers

Catalog #	Description	Cubic In. (CM^3)	Std. Pkg.	Bar Code
911-16	4-11/16" Sq. x 4" Sq. Adapter, 5/8" Raised, Painted Red	8.3 (136.0)	25	—
911-17	4-11/16" Sq. x 4" Sq. Adapter, 1-1/4" Raised, Painted Red	16.0 (262.0)	12	—
855	4-11/16" Sq. x 4" Sq. Adapter, 5/8" Raised	8.3 (136.0)	25	—
859	4-11/16" Sq. x 4" Sq. Adapter, 1-1/4" Raised	16.0 (262.0)	12	—
911-8	4" Sq., Flat Blank Cover, Painted Red	—	50	—
911-11	4-11/16" Sq., Flat Blank Cover, Painted Red	—	50	—

Applications

- Low voltage partitions may be added to conduit-type boxes to divide power from voice/data
- Partitions must be used with raised covers
- RACO® RETRO-RING® is used to position any depth, 4" square steel junction box in a sheet rock covered wall cavity
- Use 205RAC is used in old work life safety appliance installations
- 206RAC is used in old work installations where one or two devices are required

Product Features

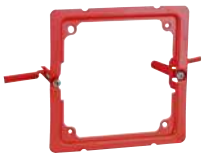
- RACO® RETRO-RING® works in 3/8" to 1-1/2" thick wall or ceiling applications
- Small footprint is covered by most popular life safety devices
- Steel old work wings allow for secure mounting of box and devices to wall
- Includes one wall template per carton
- 206RAC allows for installation of steel low voltage partition for power/data applications. One or two devices mount directly to 206RAC

Compliance

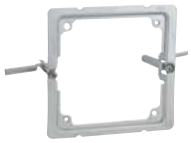
- UL LISTED



706RAC, 707RAC



911-19



205RAC



206RAC, 8206RAC

Low Voltage Box Partition

Catalog #	Description	Std. Pkg.	Bar Code
706RAC	Fits 1/4" to 1" Cover Depth (#777, 8777-0, 778, 769, 8769, 8778, 779, 8779, 780)	25	—
707RAC	Fits 1/4" to 1" Cover Depth (#777, 8777-0, 778, 769, 8769, 8778, 779, 8779, 780)	25	—

Notes: Boxes, covers, and partitions must be ordered separately.
For 5/8" cover depth, use the 3/4" break.
Partitions are usable but not UL listed for 4-11/16" sq. box.

Life Safety Steel Wall Box Mounting Brackets

Catalog #	Description	Std. Pkg.	Bar Code
205RAC	Old Work, 4" Sq. Box Mounting of Life Safety Support	20	—
206RAC	Old Work, 4" Sq. Box Mounting of One or Two Device Applications	20	—
8206RAC	Old Work, 4" Sq. Box Mounting of One or Two Device Applications	10	IIIIIIII
911-19	Old Work, 4" Sq. Box Mounting of Life Safety Support, Painted Red	20	—

Notes: Low voltage partitions are not UL Listed.
Boxes, covers, and partitions must be ordered separately.
Partitions are usable but not UL listed for 4-11/16" sq. box.

Square Boxes and Covers

Large Capacity Boxes for Audio, Video, Power and Data





Applications

- RACO® Large capacity boxes are used for audio, video, data and power applications providing ample space for Cat 6A and fiber optic cable bends

260 Product Features

- Large capacity design measures 4-11/16" H x 4-11/16" W x 3-1/4" D
- Accepts standard 4-11/16" square device and flat covers
- Ground screws provided

263 Product Features

- Large capacity design measures 4-11/16" H x 7-3/4" W x 3-1/4" D
- Accepts standard 4" square device and flat covers or 792, 793, 794 3-gang device covers
- Built-in tabs allow for spanner bars
- Includes 1/2" thru 2" knockouts
- Accepts 981 voltage partition (UL Listed)
- Ground screws provided

255 and 256 Product Features

- Large capacity design measures 3-3/4" H x 3-3/4" W x 3-1/2" D
- Accepts standard 4" square device and flat covers

Compliance

- UL LISTED



260



260H



263



256



255

Large Capacity Steel Wall Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
4-11/16" Boxes, 3-1/4" Deep – *Welded with Conduit KOs*						
260	Raised Ground	66.7 (1093)	(2) 1/2" - 3/4" TKO, (2) 1" - 1-1/4" TKO, (2) 1" - 2" Conc. KO	(2) 3/4"- 1" TKO, (2) 1/2" KO	10	—
260H	Raised Ground, H Bracket For Side Support	66.7 (1093)	(2) 1/2" - 3/4" TKO, (2) 1" - 1-1/4" TKO, (2) 1" - 2" Conc. KO	(2) 3/4"- 1" TKO, (2) 1/2" KO	10	—
263	Raised Ground	113.3 (1856.6)	(6) 1/2"- 3/4" TKO, (2) 3/4" - 1" TKO, (2) 1"- 1-1/4" TKO, (2) 1" - 2" Conc. KO	(2) 1/2"-3/4" TKO, (2) 3/4"- 1" TKO, (2) 1"- 1-1/4" TKO	6	—
3-3/4" Square Boxes, 3-1/2" Deep – *Welded with Conduit KOs*						
256	—	45.0 (737.4)	(12) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	25	IIIIIIII
255	FM Bracket	45.0 (737.4)	(10) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	10	IIIIIIII

See end of section (Pg A88,) for detailed drawings »

AV Wall Boxes

Applications

- RACO® AV Wall Boxes provide an ideal solution for in-wall applications requiring data, AV and power
- Perfect for Category 6 and 6A fiber optic cables that require a larger bend radius
- Designed to install independently or ganged together to support multiple devices
- Accommodates industry standard wallplates

Product Features

- 2-gang or 3-gang
- Knockouts from 1/2" up to 2"
- 4" depth accepts any device
- Concentric 1/2"-3/4" knockouts for pre-connectorized AV cables
- Eccentric 1/2"- 3/4" knockouts
- Raised ground provision in each gang
- Accepts low voltage partition
- NEMA spaced device mounting, accepts industry standard wallplates
- Adjustable stud mounting brackets built in to accommodate different stud and sheetrock thickness
- Adjustable far side support
- Suitable for masonry application

Compliance

- UL LISTED



985



989



986

4" Deep, Gangable AV Wall Boxes – *For Data and Power*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Std. Pkg.	Bar Code
			Top	Bottom	Back		
985	2-Gang, 2" KO	54 (884.9)	(2)1/2", (2)1/2"- 3/4" TKO	(1) 1", 1-1/4", 1-1/2", 2	(2)1/2" - 3/4" TKO	10	IIIIIIII
986	3-Gang, 2"	79 (1294.5)	(3)1/2", (3)1/2"- 3/4" TKO	(1)1/2", (1)1/2"- 3/4" TKO, (1)1", 1-1/4" - 1-1/2", 2"	(3) 1/2" - 3/4" TKO	6	IIIIIIII
989	Low Voltage Partition	—	—			25	IIIIIIII

Covers and Partitions for Large Capacity Boxes

Applications

- RACO® Large capacity boxes are used for audio, video, data and power applications providing ample space for Cat 6A and fiber optic cable bends
- 792, 793 and 794 covers are solely for RACO® 263 data box. The 3-gang raised covers are 5/8", 3/4" and 1-1/4" raised respectively
- 855 is designed to reduce 4-11/16" square box to 4" sq. box openings

Product Features

- Use with standard 4" square single or double mudrings or 3 gangs special covers (263)
- 855 provides flush mounting of lighting controllers, exit signs and life safety appliances
- Accepts UL Listed Voltage Partition, Cat. No. 981

Compliance

- c UL us LISTED



792



793



794



855, 859



981

Covers and Partitions

Cat. #	Description	Cubic In. (CM^3)	Fits Cat. #	Std. Pkg.	Bar Code
3-Gang Raised Device Covers – *For 263 Box*					
792	5/8" Raised	10.3 (168.8)	263	10	—
793	3/4" Raised	12.7 (208.1)	263	10	—
794	1-1/4" Raised	24.2 (396.6)	263	5	—
2-Gang Raised Device Cover – *For 4-11/16" Box*					
855	5/8" Raised, For Life Safety Appliances & Emergency Exit Signs	8.3 (136.0)	260 & 911-15	25	—
859	1-1/4" Raised, For Life Safety Appliances & Emergency Exit Signs	16.0 (262.0)	260 & 911-15	12	—
Voltage Partition					
981	For 5/8", 3/4", 1-1/4" covers for 260, 260H, & 263 boxes	—	260 & 263	25	—

Transition Box and Cover

Dugout Transition Box

Applications

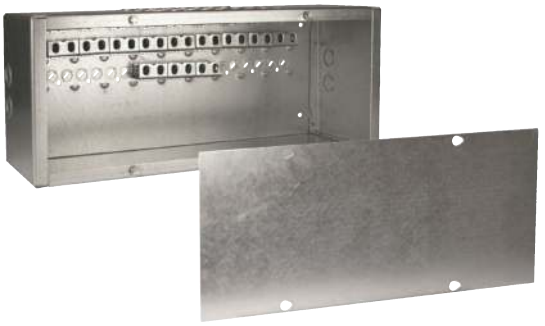
- RACO's Dugout box offers the quickest and easiest way to transition from flexible armored cable to conduit before entering the circuit panel. Specifically designed for commercial applications, the Dugout box builds on the popular concept of our Grand Slam box. This roomy rectangular model features plenty of space for wiring along with 21 of our built-in Stab-IT cable clamps, which hold up to 42 MC cables! Our unique clamps are field-proven to install up to 3X faster than traditional MC connectors. Four concentric knockouts are provided for either ½" or ¾" conduit out to the circuit panel. For wall or ceiling mounting. The Dugout box offers more labor savings and installation flexibility than any other transition box on the market.

Product Features

- Designed for quick installation of flex, MC, MCI, MCI-A, AC and HCF cable
- Stab-IT® clamp has been tested at over 3X faster than traditional MC connectors
- Cover included
- Accepts cable sizes from 14/2 up to 10/3 for most cable types
- UL Listed
- Designed and assembled in the USA

Compliance

- UL LISTED



SC082006STRC



Built-in Stab-IT® clamps for MC

Transition Box with Built-in Stab-IT® Clamps

Catalog #	Description	Knockouts	Stab-IT® Clamps	Std. Pkg.	Bar Code
SC082006STRC	8" x 20" x 6" Transition Box & Cover	(4)1/2" & 3/4" Concentric	21 (14/2 to 10/3) up to 42 Cables	1	—



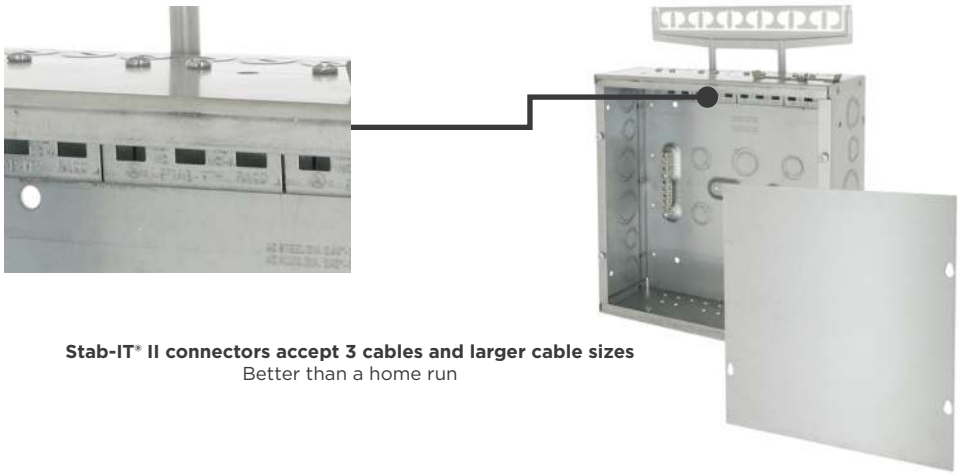
Stab-IT Connector

Stab-IT® Connector

Cat. #	Size	Std. Pkg.	Bar Code
989ST	Stab-IT® Connector (accepts 2 cables)	50	—

Upgraded Grand Slam Box Now with Built In Stab-IT® II Connectors

NEW PRODUCT



Stab-IT® II connectors accept 3 cables and larger cable sizes
Better than a home run

Applications

- RACO's Grand Slam Box is the quickest and easiest way to terminate home runs branch circuits and other electrical wiring. Specifically designed for commercial applications, the Grand Slam Box offers both the flexibility and space desired in a junction box. Featuring RACO's Stab-IT® II connectors for MC, built-in ground bar, and cable management. The Grand Slam Box offers the most labor savings and flexibility of any home run box on the market.

Product Features

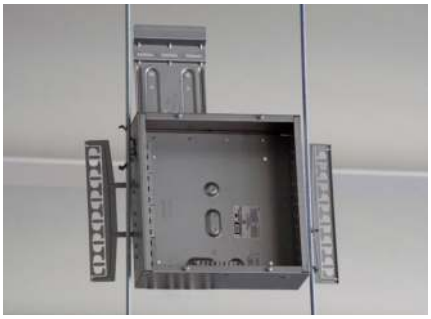
- Stab-IT® II clamp has been field proven to be over 3X faster than traditional MC connectors
- Ground bar pre-installed
- Cable management with 2 multifunction clips
- Surface mount cover
- Available with and without concentric knockouts on side and back for easy access
- Optional conduit support plate
- NEMA 1 Rating for Indoors
- Additional Stab-IT® II connectors can be added

Compliance

-



Surface Mount Cover & Ground Bar Included



Grand Slam Box installed using Multi Function Clips



Conduit Support Plate
(sold separately)



Stab-IT® II Connector

Square Boxes and Covers

Grand Slam Box

Cat. No.	Description	Dimensions	Knockouts	Built-in Stab-IT® II Clamps	Cu.In. Cap.	Carton Qty.
GS883S	8″ x 8″ Junction Box (Surface Cvr. & Grnd. Bar Included)	8″ x 8″ x 3″	(12) 1/2″ & 3/4″ Concentric (5) 3/4″ & 1″ Concentric	3 (14/2 to 10/3) Up to 9 Cables	179	1
GS12124S	12″ x 12″ Junction Box (Surface Cvr. & Grnd. Bar Included)	12″ x 12″ x 4″	(12) 1/2″ & 3/4″ Concentric (9) 3/4″ & 1″ Concentric (8) 1″ & 1-1/4″ Concentric	4 (14/2 to 10/3) Up to 12 Cables	546	1
GS883SNK	8″ x 8″ Junction Box (No Knockouts, Surface Cvr. & Grnd. Bar Included)	8″ x 8″ x 3″	—	3 (14/2 to 10/3) Up to 9 Cables	179	1
GS12124SNK	12″ x 12″ Junction Box (No Knockouts, Surface Cvr. & Grnd. Bar Included)	12″ x 12″ x 4″	—	4 (14/2 to 10/3) Up to 12 Cables	546	1
GS883SCM	8″ x 8″ Junction Box (Cable management, 2 Multi Function Clips, Surface Cvr. & Grnd. Bar Included)	8″ x 8″ x 3″	(12) 1/2″ & 3/4″ Concentric (5) 3/4″ & 1″ Concentric	3 (14/2 to 10/3) Up to 9 Cables	179	1
GS12124SCM	12″ x 12″ Junction Box (Cable management, 2 Multi Function Clips, Surface Cvr. & Grnd. Bar Included)	12″ x 12″ x 4″	(12) 1/2″ & 3/4″ Concentric (9) 3/4″ & 1″ Concentric (8) 1″ & 1-1/4″ Concentric	4 (14/2 to 10/3) Up to 12 Cables	546	1
GS883SNKCM	8″ x 8″ Junction Box (No Knockouts, Cable management, 2 Multi Function Clips, Surface Cvr. & Grnd. Bar Included)	8″ x 8″ x 3″	—	3 (14/2 to 10/3) Up to 9 Cables	179	1
GS12124SNKCM	12″ x 12″ Junction Box (No Knockouts, Cable management, 2 Multi Function Clips, Surface Cvr. & Grnd. Bar Included)	12″ x 12″ x 4″	—	4 (14/2 to 10/3) Up to 12 Cables	546	1

Accessories

Cat. No.	Description	Carton Qty.
9100SP	Grand Slam conduit support plate	10
989ST2	STAB-iT® II Connector Accessory (accepts 3 cables) Works with all Grand Slam boxes	50

Cable types and ranges of Stab-IT® II clamp

Cable Type	Cable Range	Cable Range Diameter
AC Steel & Aluminum	14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, 10-3	0.44″ · 0.62″
HCF AC Steel	14-2, 14-3, 14-4, 12-2, 12-3, 10-2, 10-3	
HCF AC Aluminum	12-2, 12-3, 12-4, 10-2, 10-3	0.42″ · 0.62″
MC Steel & Aluminum	14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, 10-3	
MCI-A Steel & Aluminum	14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, 10-3	
HCF MCI-A Steel	12-2, 12-3, 10-2	0.38″ · 0.62″
HCF MCI-A Aluminum	14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, 10-3	
3/8 TRADE SIZE FLEX. RWFMC CONDUIT STEEL & ALUMINUM Anti Short Bushing Required		
CABLE RANGE .400″ DIA. MIN. TO .605″ DIA. MAX.		

Notes: Cable Armor must comply with NEC 250.96.

To remove cable unscrew clamp from the box then pull clamp off cable.

To install more cables use any of the RACO 38RAC or 40RAC push-in cable connectors.

Ceiling Fan and Fixture Support Products

Applications

- RACO® Ceiling Support Boxes are specifically designed for ceiling fan and ceiling or wall light fixture support per NEC 314.27(C)

Product Features

- 1/2" side knockouts (294, 294-1, 296, 296-1 and 299)
- No protruding ground screw or fan mounting screws allows easy installation
- #10-32, 1" long ceiling fan screws provided and provision for #8-32 fixture mounting screw (294-1, 294, 296-1, 296 and 299)
- Setback tab allows for easy box installation of different wall thickness (294-1, 294)
- Metal protection plate eliminates debris or damage to wiring
- Easy to follow instructions and mounting hardware included

Gorilla Ring® Concrete Ring Application

- Concrete rings are used with poured deck (floor) in high-rise construction
- GORILLA RING features mounting screws that allow for safe and secure mounting of any chandeliers, or lighting fixtures 150 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

- c UL us LISTED
- Exceeds national electrical code.



295-1, 295



294-1, 294



296-1, 296



299



GORILLA-RING® 284

4" Round Ceiling Fan Pan – *Drawn with Conduit KOs*

Cat. #	Description	Cubic Inches (Cm3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
295-1	1/2" Depth	6.0 (99.2)	INSIDER	–	(5) 1/2"	70	150	10	–
295*	1/2" Depth	6.0 (99.2)	INSIDER	–	(5) 1/2"	70	150	10	IIIIIIII

4" Round Ceiling Box – *Drawn with Conduit KOs*

Cat. #	Description	Cubic Inches (Cm3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
294-1	2-1/8" Depth, Old and New Work	22.3 (365.4)	INSIDER	(2) 1/2"	(1) 1/2"	70	70/150**	10	–
294*	2-1/8" Depth, Old and New Work	22.3 (365.4)	INSIDER	(2) 1/2"	(1) 1/2"	70	70/150**	10	IIIIIIII
296-1	1-1/2" Depth	15.8 (258.9)	INSIDER	(2) 1/2"	(3) 1/2"	70	150	20	–
296*	1-1/2" Depth	15.8 (258.9)	INSIDER	(2) 1/2"	(3) 1/2"	70	150	8	IIIIIIII
299*	2-1/8" Depth	22.4 (367.1)	INSIDER	(2) 1/2"	(3) 1/2"	70	150	6	IIIIIIII

GORILLA-RING® – *Concrete Ring for Ceiling Fan Support*

Cat. #	Description	Cubic Inches (Cm3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
284	4" Deep, Double Row Side Knockouts	49.3 (807.9)	–	(4) 3/4" (6) 1/2"	–	70	150	6	–

*Notes: *Packaged in a stackable, individual chipboard display cartons. Sold in master carton quantities only.*
Hubbell® RACO® does not break carton quantities on these items.
4714, THE INSIDER® will secure non-metallic sheathed cable in 1/2" KO (see pg. B72).
*** New work applications rated at 150 lbs. Old work applications rated at 70 lbs.*

See end of section (Pg A88) for detailed drawings »

Ceiling Boxes and Covers

Ceiling Fan and Fixture Support Products

Applications

- RACO® KWIK-BRACE® is a heavy-duty ceiling fan brace designed for new or existing construction where joists are accessible
- RACO® RETRO-BRACE® is intended for installations of heavy lighting fixtures or ceiling paddle fans in old work or new work applications

Product Features

- KWIK-BRACE®
  - Slides apart to accommodate joist spacing from 16" to 24", screws provided
  - #10-32 ceiling fan screws provided and #8-32 ceiling fixture mounting provisions
  - Metal protection plate included
  - Nail spurs for easy brace positioning
  - Easy installation, up front ground screws
  - Easy to follow instructions and mounting hardware included
- RETRO-BRACE®
  - Adjustable for joist spacing from 16" to 24"
  - Simple "tool free" expansion
  - Easy installation, up front ground screw
  - #10-32 ceiling fan screws provided and #8-32 ceiling fixture mounting provisions
  - Easy to follow instructions and mounting hardware included

Compliance

- c UL us LISTED
- Exceeds national electrical code.



926, 926-1

NEW



929



936



937



939

KWIK-BRACE® with Box – *New Construction Braces for Lighting Fixtures or Ceiling Fans*

Cat. #	Description	Cubic Inches (CM3)	Knockouts			Recommended Max. Loads				Std. Pkg.	Bar Code
						Ceiling Fan (Dynamic) Lbs.		Fixture (Static) Lbs.			
			Cable Priouts	Sides Conduit	Bottom Conduit	16" Joist Span	24" Joist Span	16" Joist Span	24" Joist Span		
926-1	1-1/2" Depth	15.8 (258.9)	INSIDER	—	(2) 1/2"	70	70	210	90	12	IIIIIIII
929	2-1/8" Depth	22.5	—	(2) 1/2"	(2) 1/2"	70	70	210	90	6	IIIIIIII
926*	1-1/2" Depth	15.8 (258.9)	INSIDER	—	(2) 1/2"	70	70	210	90	6	IIIIIIII

RETRO-BRACE® with Box – *Remodeling Kits for Lighting Fixtures or Ceiling Fans*

936*	1-1/2" Depth	15.8 (258.9)	INSIDER	—	(2) 1/2"	70	35	110	50	6	IIIIIIII
937*	2-1/8" Depth	22.4 (367.1)	INSIDER	—	(2) 1/2"	70	35	110	50	4	IIIIIIII
939*	5/8" Depth	6.0 (98.4)	INSIDER	—	(2) 1/2"	70	35	110	50	6	IIIIIIII

*Notes: * Packaged in a stackable, individual chipboard display cartons. Sold in master carton quantities only. Hubbell® RACO® does not break carton quantities on these items. 4714, THE INSIDER® will secure non-metallic sheathed cable in 1/2" KO (See pg. B72).*

See end of section (Pg A89) for detailed drawings »

Ceiling Fan and Fixture Support Products

Applications

- GRID-BRACE™ ceiling support assembly is specifically designed for ceiling fan or fixture support for suspended ceilings

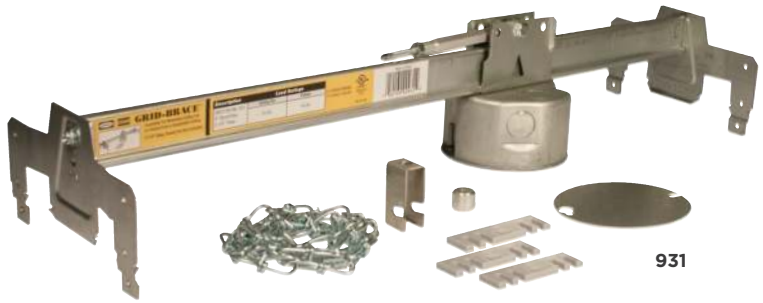
Product Features

- Heavy-duty GRID-BRACE™ for 24" spans
- Turnbuckle and 4' chain section provided
- Yoke provided for threaded rod installation
- Mount box anywhere on sliding bracket
- Spacers provided for decorative ceiling tiles that are below the depth of metal grid for flush mounting of box
- #10-32 grade 5, 1" ceiling fan screws included
- Easy to follow instructions included









931

Compliance

- UL LISTED

GRID-BRACE™ For Suspended Ceilings, 2-1/8" Deep

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Recommended Max. Loads		Std. Pkg.	Bar Code
			Sides	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
931	Ceiling Fan Support for Suspended Ceilings	22.3 (365.4)	(2) 1/2"	(2) Conc. 1/2" & 3/4"	70	70	4	IIIIIIII

Ceiling Pans

Applications

- RACO® Ceiling Pans are used in the installation of ceiling or wall lighting fixtures

Product Features

- Combination screw heads provide for faster installation

Compliance

- UL LISTED



292, 8292



287



293, 8293

Round Ceiling Pans

Cat. #	Description	Cubic Inches (Cm^3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
3-1/2" – Drawn with Non-Metallic Sheathed Cable Clamps									
292	1/2" Depth	4.0 (65.5)	4	–	(1) 1/2"	No	50	50	–
8292	1/2" Depth	4.0 (65.5)	4	–	(1) 1/2"	No	50	25	IIIIIIII
287	3/4" Depth	5.0 (81.9)	4	–	(1) 1/2"	No	50	50	–
4" – Drawn with Conduit KO's									
293	1/2" Depth	6.0 (98.3)	–	–	(5) 1/2"	No	50	50	–
8293	1/2" Depth	6.0 (98.3)	–	–	(5) 1/2"	No	50	30	IIIIIIII

See end of section (Pg A89) for detailed drawings »

Ceiling Boxes and Covers

Round Old Work Pans



Old Work Bracket

Applications

- Shallow old work pan design is ideal for mounting fixtures in existing walls or ceilings with obstructions that limit depth

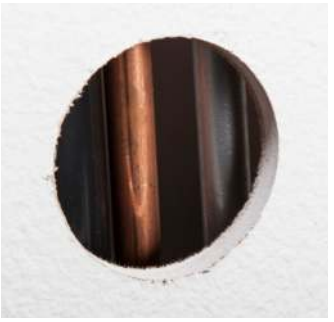
Product Features

- Ideal pans for remodeling, two sizes
- Only 1/2" deep
- Flange and bracket mounts to 1/2" or 5/8" drywall without stud

Compliance

- c UL us LISTED

Wall Obstruction





Perfect Solution!





Fitting not included



290



297

Round, Old Work Pans – *For Mounting Fixtures*

CAT. #	Description	Cubic Inches (CM^3)	Knockouts	STD. PKG.	Recommended Max. support loads (fixture)	Bar code
290	3-1/2" Old Work Pan Box	3.8 (63.0)	2, 1/2"	10	6 Lbs.	IIIIIIII
297	4" Old Work Pan Box	6.0 (98.4)	4, 1/2"	10	6 Lbs.	IIIIIIII

See end of section (Pg A89) for detailed drawings »

3-1/2” Octagon Boxes – Drawn

Applications

- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures

Product Features

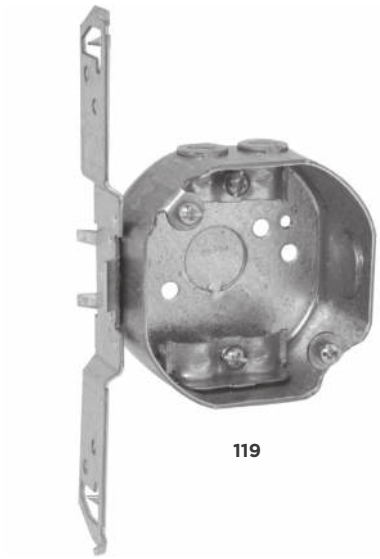
- Combination screw heads provide for faster installation
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features. Reference the Table on page A7 for cable ranges

Compliance

- UL LISTED



112



119

3-1/2” Octagon Box, 1-1/2” Deep – *Drawn with Non-Metallic Sheathed Cable Clamps*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
112	—	11.8 (193.4)	4	(2) 1/2″	(1) 1/2″	No	50	25	IIIIIIII
119	TS Bracket, 1/2″	11.8 (193.4)	4	(1) 1/2″	(1) 1/2″	No	50	25	IIIIIIII

See end of section (Pg A90) for detailed drawings »

Ceiling Boxes and Covers

Applications

- RACO® 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

Compliance

- UL LISTED



110



111

3-1/2" Octagon Box, 1-1/2" Deep – *Drawn with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
110	–	11.8 (193.4)	–	(4) 1/2"	(1) 1/2"	No	50	25	IIIIIIII

3-1/2" Octagon Extension Ring, 1-1/2" Deep – *Drawn with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
111	–	11.8 (193.4)	–	(4) 1/2"	–	No	–	25	IIIIIIII

See end of section (Pg A90) for detailed drawings »

4” Octagon Boxes and Extension Rings – Drawn with Conduit KOs

Applications

- RACO® 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
- Fixture bar hanger allows box to be located anywhere along length of bar

Compliance

- UL LISTED


125, 8125


126


127


324


161, 161SP


158


128


130

4” Octagon Box, 1-1/2” Deep – *Drawn with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Recommended Max. Loads		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
125	—	15.5 (254.0)	(4) 1/2″	(5) 1/2″	No	50	50	—
8125	Raised Ground	15.5 (254.0)	(4) 1/2″	(4) 1/2″	No	50	30	IIIIIIII
126	Raised Ground	15.5 (254.0)	(4) 3/4″	(2) 1/2″, (2) 3/4″	No	50	50	IIIIIIII
127	Raised Ground	15.5 (254.0)	(2) 1/2″, (2) 3/4″	(2) 1/2″, (2) 3/4″	No	50	25	IIIIIIII
158	J Bracket, 3/8″ or 1/2″ Setback	15.5 (254.0)	(4) 1/2″	(5) 1/2″	No	50	25	IIIIIIII
161	TS Bracket, 1/2″ Setback	15.5 (254.0)	(3) 1/2″	(5) 1/2″	No	50	25	IIIIIIII
161SP	TS Bracket, 1/2″ Setback	15.5 (254.0)	(3) 1/2″	(5) 1/2″	No	50	12	IIIIIIII
324	Raised Ground, Box with 14-1/4″ to 22-1/2″ Bar Hanger	15.5 (254.0)	(4) 1/2″	(3) 1/2″	No	10*	25	IIIIIIII

Notes: 10 lbs max. load recommended. UL Rated for 50 lbs on 16” centers.

4″ Octagon Extension Rings, 1-1/2″ Deep – *Drawn with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Recommended Max. Loads		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
128	—	15.5 (254.0)	(4) 1/2″	—	No	50	25	IIIIIIII
130	—	15.5 (254.0)	(2) 1/2″, (2) 3/4″	—	No	50	25	IIIIIIII

Notes: 10 lbs max. load recommended. UL Rated for 50 lbs on 16” centers.

See end of section (Pg A90) for detailed drawings »

4” Octagon Deep Boxes – Drawn with Conduit KOs

Applications

- RACO® 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

Compliance

- UL LISTED



165



166



167



167TS

4” Octagon Box, 2-1/8” Deep – *Drawn with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Recommended Max. Loads		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
165	—	21.5 (352.3)	(4) 1/2″	(5) 1/2″	No	50	50	—
166	—	21.5 (352.3)	(4) 3/4″	(3) 1/2″, (2) 3/4″	No	50	50	—
167	—	21.5 (352.3)	(2) 1/2″, (2) 3/4″	(3) 1/2″, (2) 3/4″	No	50	25	—
167TS	TS Bracket, 1/2″ Setback	21.5 (352.3)	(1) 1/2″, (2) 3/4″	(3) 1/2″, (2) 3/4″	No	50	25	—

See end of section (Pg A90) for detailed drawings »

4” Octagon Boxes – Drawn with Armored Cable / Metal Clad / Flex Clamps

Applications

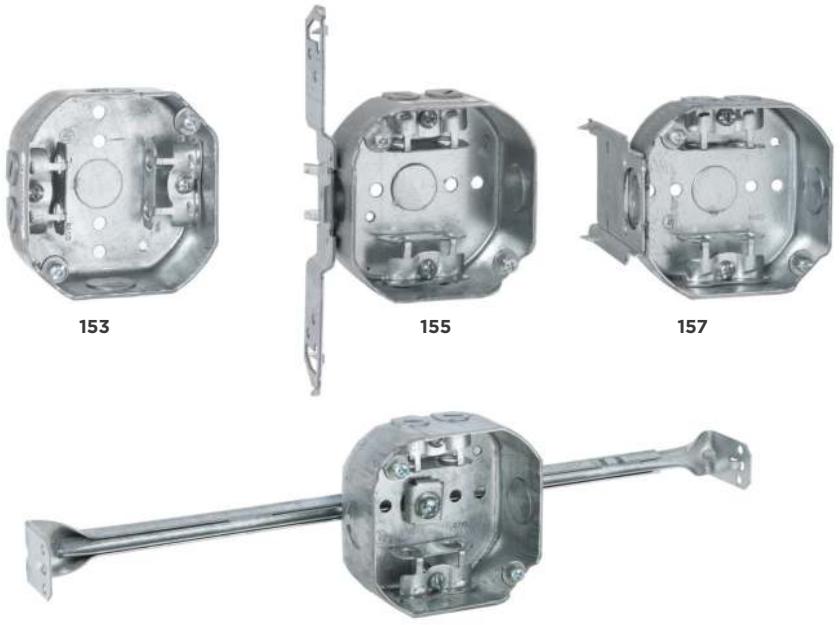
- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures

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 types and features
- Fixture bar hanger allows box to be located anywhere along length of bar

Compliance

- UL LISTED



4” Octagon Box, 1-1/2” Deep – *Drawn with Armored Cable/Metal Clad/Flex Clamps*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
153	—	15.5 (254.0)	4	(2) 1/2”	(1) 1/2”	No	50	25	IIIIIIII
155	TS Bracket, 1/2” Setback	15.5 (254.0)	4	(1) 1/2”	(1) 1/2”	No	50	25	IIIIIIII
157	J Bracket, 3/8” or 1/2” Setback	15.5 (254.0)	4	(2) 1/2”	(1) 1/2”	No	50	25	IIIIIIII
325	Box with 14-1/4” to 22-1/2” bar hanger	15.5 (254.0)	4	(2) 1/2”	—	No	10*	25	—
8325	Box with 14-1/4” to 22-1/2” bar hanger	15.5 (254.0)	4	(2) 1/2”	—	No	10*	25	IIIIIIII

*Notes: * 10 lbs max. load recommended. UL Rated for 50 lbs on 16” centers.*

See end of section (Pg A90) for detailed drawings »

4” Octagon Boxes – Drawn with Non-Metallic Sheathed Cable Clamps

Applications

- RACO® 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 types and features
- Fixture bar hanger allows box to be located anywhere along length of bar
- Combination screw heads provide for faster installation

Compliance

- UL LISTED


146


145


150


164


326, 8326


160


175


177


176

4” Octagon Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Prouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
1-1/2” Deep – *Drawn with Non-Metallic Sheathed Cable Clamps*									
146	—	15.5 (254.0)	4	(2) 1/2”	(1) 1/2”	No	50	25	IIIIIIII
145	Side holes, 1/8” and 1/4”	15.5 (254.0)	4	(2) 1/2”	(1) 1/2”	No	50	50	—
150	Plaster Ears	15.5 (254.0)	4	(2) 1/2”	(1) 1/2”	No	50	24	IIIIIIII
160	J Bracket, 3/8” or 1/2” Setback	15.5 (254.0)	4	(2) 1/2”	(1) 1/2”	No	50	25	IIIIIII
164	TS Bracket, 1/2” Setback	15.5 (254.0)	4	(1) 1/2”	(1) 1/2”	No	50	25	IIIIIIII
326	Box with 14-1/4” to 22-1/2” bar hanger	15.5 (254.0)	4	(2) 1/2”	—	No	10*	25	—
8326	Box with 14-1/4” to 22-1/2” bar hanger	15.5 (254.0)	4	(2) 1/2”	—	No	10*	25	IIIIIIII
2-1/8” Deep – *Drawn with Non-Metallic Sheathed Cable Clamps*									
175	—	21.5 (352.3)	4	(2) 1/2”	(1) 1/2”	No	50	25	IIIIIIII
176	J Bracket, 5/8” Setback	21.5 (352.3)	4	(2) 1/2”	(1) 1/2”	No	50	25	IIIIIIII
177	TS Bracket, 1/2” Setback	21.5 (352.3)	4	(1) 1/2”	(1) 1/2”	No	50	25	—

*Notes: * 10 lbs max. load recommended. UL Rated for 50 lbs on 16” centers.*

See end of section (Pg A90) for detailed drawings »

Round Covers for 3-1/2” and 4” Octagon Boxes



703



894KH



727, 732, 737

Applications

- Covers are used to close an outlet box
- Raised covers are used for mounting lighting fixtures

Product Features

- Combination screw heads provide for faster installation
- Swivel cover restricted to 20° swing from vertical
- KWIK-HANG® allows easy installation of high bay lighting fixtures. Fixture rests in position while wiring is completed

Compliance

- UL LISTED

Covers

Cat. #	Description	Cubic Inches (CM^3)	Recommended Max. Loads		Std. Pkg.	Bar Code
			Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
3-1/2” Round Cover						
703	Flat, 1/2" KO In Center	—	No	—	25	IIIIIIII
3-1/2" or 4" Swivel Fixture, Support Covers						
894KH	Kwik-Hang®, For 4" Octagon Boxes, 1/2" or 3/4" Conduit	—	No	50	25	IIIIIIII
4" Round Raised Cover						
737	Raised 1/2", Open, Ears 2-3/4" O.C.	3.3 (54.1)	No	50	25	IIIIIIII
727	Raised 5/8", Open, Ears 2-3/4" O.C.	3.8 (62.2)	No	50	25	IIIIIIII
732	Raised 1", Open, Ears 2-3/4" O.C.	6.5 (106.5)	No	50	25	—

Notes: 5 Bundles of 10 – sold in carton quantities only.

Ceiling Boxes and Covers

Octagon and Round Covers



722



724



725



729



731



5652-1



5653-1



5654-1

Applications

- Covers are used to close an outlet box
- Switches or receptacles may be installed into octagon boxes by using covers 729 or 731

Product Features

- 5" round covers feature state-of-the-art powder coat paint finish which provides a light texture finish and scratch resistance

Compliance

- UL LISTED

4" Octagon and Round Covers

Catalog #	Description	Pkg. Type	Std. Pkg.	Bar Code
722	Flat, blank	—	50	IIIIIIII
724	Flat, 1/2" KO	—	25	IIIIIIII
725	Flat, 3/4" KO	—	25	IIIIIIII
729	Flat, toggle switch	—	50	IIIIIIII
731	Flat, duplex receptacle	—	25	IIIIIIII

Notes: 5 Bundles of 10 – sold in carton quantities only.

5" Round Steel Closure Plates

Catalog #	Description	Pkg. Type	Std. Pkg.	Bar Code
5652-1	Off-white, screw and 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 and universal mount strap	Shrink	10	—

Notes: 5 Bundles of 10 – sold in carton quantities only.

Single Device Handy Boxes and Extension Rings


650, 8650, 650CSA


660, 8660


611


653


661, 661SP


662, 662SP


663, 8663


666


665

Applications

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

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
  For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6

See end of section (Pg A91) for detailed drawings »

4" x 2" Handy Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Std. Pkg.	Bar Code
			Sides Conduit	Ends Conduit	Bottom Conduit		
1-1/2" Deep – *Welded with Conduit KOs*							
650	—	11.5 (188.5)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	—
8650	—	11.5 (188.5)	(6) 1/2"	(2) 1/2"	(3) 1/2"	25	IIIIIIII
650CSA	With Ground Screw Driven	11.5 (188.5)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	—
Extension Rings, 1-1/2" Deep – *Welded with Conduit KOs*							
653	—	11.5 (188.5)	(6) 1/2"	(2) 1/2"	—	25	IIIIIIII
1-7/8" Deep – *Drawn with Conduit KOs*							
660	Raised Ground	13.0 (213.0)	(6) 1/2"	(2) 1/2"	(2) 1/2"	50	—
8660	Raised Ground	13.0 (213.0)	(6) 1/2"	(2) 1/2"	(2) 1/2"	50	IIIIIIII
611	Raised Ground, With Ground Screw Driven	13.0 (213.0)	(6) 1/2"	(2) 1/2"	(2) 1/2"	50	—
661	Raised Ground, A Bracket, 5/8" Setback	13.0 (213.0)	(3) 1/2"	(2) 1/2"	(3) 1/2"	25	IIIIIIII
661SP	Raised Ground, A B racket, 5/8" Setback	13.0 (213.0)	(3) 1/2"	(2) 1/2"	(3) 1/2"	18	IIIIIIII
662	Raised Ground, TS Bracket, 1/2" Setback	13.0 (213.0)	(3) 1/2"	(2) 1/2"	(3) 1/2"	25	IIIIIIII
662SP	Raised Ground, TS Bracket, 1/2" Setback	13.0 (213.0)	(3) 1/2"	(2) 1/2"	(3) 1/2"	18	IIIIIIII
663	Raised Ground	13.0 (213.0)	(4) 3/4"	(2) 3/4"	(1) 3/4"	50	—
8663	Raised Ground, 1-7/8" Depth (inside),	13.0 (213.0)	(4) 3/4"	(2) 3/4"	(1) 3/4"	25	IIIIIIII
666	Raised Ground	13.0 (213.0)	(6) 1/2"	(1) 1/2" (1) 3/4"	—	50	—
Extension Rings, 1-7/8" Deep – *Drawn with Conduit KOs*							
665	—	13.0 (213.0)	(6) 1/2"	(2) 1/2"	—	20	IIIIIIII

Handy Boxes

Single Device Handy Boxes and Covers


670RAC, 8670


670RACRD


674


678


671


640


880


860


861


862


865


864


863


867

Applications

- RACO® 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
- RACO® Handy Box covers are used to close a Handy Box
- Covers also may be used as single gang wall plates

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- RACO® Handy Box covers are designed to match the contours of the box
- Cover corners are rounded
- All covers have captive screws

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
  For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6

See end of section (Pg A91) for detailed drawings »

Handy Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Std. Pkg.	Bar Code
			Sides Conduit	Ends Conduit	Bottom Conduit		
4" x 2" Handy Boxes, 2-1/8" Deep – *Welded with Conduit KOs*							
670RAC	–	16.5 (270.4)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	–
670RACRD	Color Red	16.5 (270.4)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	–
8670	–	16.5 (270.4)	(6) 1/2"	(2) 1/2"	(3) 1/2"	25	IIIIIIII
674	–	16.5 (270.4)	(4) 3/4"	(2) 3/4"	(2) 3/4"	50	IIIIIIII
678	TS Bracket, 1/2" Setback	16.5 (270.4)	(3) 1/2"	(2) 1/2"	(3) 1/2"	25	IIIIIIII
671	A Bracket, 5/8" Setback	16.5 (270.4)	(3) 1/2"	(2) 1/2"	(3) 1/2"	50	IIIIIIII
3-3/4" x 1-9/16" Industrial Handy Box and Cover – *Drawn with Conduit KOs*							
640	1-1/2" Depth	7.3 (119.6)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	–
880	Blank Cover with Captive Screws	–	–	–	–	50	–

4" x 2" Handy Box Covers – *2-5/16" Wide x 4-3/16" Length*

Catalog #	Description	Std. Pkg.	Bar Code
860	Blank	25	IIIIIIII
861	1/2" KO, Centered	25	IIIIIIII
862	GFCI	25	IIIIIIII
865	Toggle Switch	25	IIIIIIII
864	Duplex Receptacle	25	IIIIIIII
863	Single Receptacle, 1.406" Dia.	25	IIIIIIII
867	20A Receptacle, 1.594" Dia.	25	IIIIIIII

Two Device Handy / Switch Boxes and Covers

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 the Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- 871, 872 and 873 covers are unpainted and manufactured from pre-galvanized steel

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
  For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6


680


681, 681SP


683, 683SP


685, 685SP


871


872


873

4" Square Two Devices Boxes and Plates

Cat. #	Description	Cubic Inches (CM^3)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
Switch Boxes, 2-1/8" Deep – *Drawn with Conduit KOs*						
680	—	30.3 (496.5)	(12) 1/2"	(5) 1/2"	25	IIIIIIII
683	—	30.3 (496.5)	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	25	IIIIIIII
683SP	—	30.3 (496.5)	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	10	IIIIIIII
681	TS Bracket, 1/2" Setback	30.3 (496.5)	(9) 1/2"	(5) 1/2"	25	IIIIIIII
681SP	TS Bracket, 1/2" Setback	30.3 (496.5)	(9) 1/2"	(5) 1/2"	8	IIIIIIII
685	TS Bracket, 1/2" Setback	30.3 (496.5)	(6) 3/4"	(3) 1/2", (2) 3/4"	25	IIIIIIII
685SP	TS Bracket, 1/2" Setback	30.3 (496.5)	(6) 3/4"	(3) 1/2", (2) 3/4"	8	IIIIIIII
Wall Plates						
871	2 Toggle Switches, 1/4" Raised from Surface	—	—	—	25	IIIIIIII
872	1 Duplex and 1 Toggle Switch, 1/4" Raised from Surface	—	—	—	25	IIIIIIII
873	2 Duplex Receptacles, 1/4" Raised from Surface	—	—	—	25	IIIIIIII

See end of section (Pg A91) for detailed drawings »

Switch Boxes

3” X 2” Switch Boxes – With Conduit KOs

Applications

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

Product Features

- Reference the 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 box to be used in “old work” applications

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
  For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6


400


420


500, 8500


501


503


502


504, 8504


506


509


508

Switch Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
1-1/2” Deep – *Gangable with Conduit KOs*								
400	Plaster Ears	7.5 (122.9)	—	—	(2) 1/2″	(1) 1/2″	20	IIIIIIII
2″ Deep – *Gangable with Conduit KOs*								
420	Plaster Ears	10.0 (163.9)	(4) 1/2″	—	(2) 1/2″	(2) 1/2″	20	IIIIIIII
2-1/2″ Deep – *Gangable with Conduit KOs*								
500	Plaster Ears	12.5 (204.8)	(4) 1/2″	—	(2) 1/2″	(2) 1/2″	50	—
8500	Plaster Ears	12.5 (204.8)	(4) 1/2″	—	(2) 1/2″	(2) 1/2″	25	IIIIIIII
501	No Plaster Ears	12.5 (204.8)	(4) 1/2″	—	(2) 1/2″	(2) 1/2″	50	—
503	Plaster Ears	12.5 (204.8)	(4) 1/2″	—	(2) 3/4″	(2) 1/2″	50	—
502	B Bracket, 5/8″ Setback	12.5 (204.8)	(4) 1/2″	—	(2) 1/2″	(2) 1/2″	10	IIIIIIII
504	TS Bracket, 1/2″ Setback	12.5 (204.8)	(2) 1/2″	—	(2) 1/2″	(2) 1/2″	50	—
8504	TS Bracket, 1/2″ Setback	12.5 (204.8)	(2) 1/2″	—	(2) 1/2″	(2) 1/2″	20	IIIIIIII
506	Old Work TIGERGRIP®, Plaster Ears	12.5 (204.8)	—	—	(2) 1/2″	(2) 1/2″	16	IIIIIIII
509	Old Work, Plaster Ears	12.5 (204.8)	—	—	(2) 1/2″	(2) 1/2″	20	IIIIIIII
2-1/2″ Deep – *Nongangable with Conduit KOs*								
508	Old Work, 3/4″ Sheet Rock Max., Plaster Ears	12.5 (204.8)	—	—	(2) 1/2″	—	20	IIIIIIII

See end of section (Pg A92) for detailed drawings »

3” X 2” Switch Boxes – With Conduit KOs

Applications

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

Product Features

- Reference the 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 box to be used in “old work” applications

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
  For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



560



565



562



590, 8590



591



592

Switch Boxes

Cat. #	Description	Cubic Inches (Cm3)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
2-3/4” Deep – *Nongangable with Conduit KOs*								
560	Plaster Ears	14.0 (229.4)	(4) 1/2″	—	(2) 1/2″	(2) 1/2″	25	IIIIIIII
565	Plaster Ears	14.0 (229.4)	(4) 3/4″	—	(2) 3/4″	(2) 1/2″	50	—
562	TS Bracket, 1/2″ Setback	14.0 (229.4)	(2) 1/2″	—	(2) 1/2″	(2) 1/2″	50	—
3-1/2″ Deep – *Gangable with Conduit KOs*								
590	Plaster Ears	18.0 (295.0)	(4) 1/2″	—	(4) 1/2″	(1) 1/2″	50	—
8590	Plaster Ears	18.0 (295.0)	(4) 1/2″	—	(4) 1/2″	(1) 1/2″	25	IIIIIIII
591	Plaster Ears	18.0 (295.0)	(4) 3/4″	—	(4) 3/4″	(1) 1/2″	50	IIIIIIII
592	No Plaster Ears	18.0 (295.0)	(4) 1/2″	—	(4) 1/2″	(1) 1/2″	50	—

See end of section (Pg A92) for detailed drawings »

Switch Boxes

3" X 2" Switch Boxes – With Armored Cable / Metal Clad / Flex Clamps

Applications

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

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
  For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6


440


518


522




524, 8524


526


570RAC


574


600


604

Switch Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
2" Deep Switch Box – *Gangable with Armored Cable/Metal Clad/Flex Clamps*								
440	Plaster Ears	10.0 (163.9)	—	4	—	(1) 1/2"	50	—
2-1/2" Deep – *Gangable with Armored Cable/Metal Clad/Flex Clamps*								
518	Plaster Ears	12.5 (204.8)	—	4	—	(1) 1/2"	25	IIIIIIII
524	TS Bracket, 1/2" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	50	—
8524	TS Bracket, 1/2" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII
522	LB Bracket, 5/8" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII
523	Plaster Ears, Old Work, GRIPTITE®	12.5 (204.8)	—	4	—	(1) 1/2"	25	IIIIIIII
2-1/2" Deep – *Nongangable with Armored Cable/Metal Clad/Flex Clamps*								
526	Plaster Ears, Old Work, 3/4" Sheet Rock Max.	12.5 (204.8)	—	4	—	—	20	IIIIIIII
2-3/4" Deep – *Gangable with Armored Cable/Metal Clad/Flex Clamps*								
570RAC	2-3/4" Depth, Plaster Ears	14.0 (229.4)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	50	—
574	2-3/4" Depth, TS Bracket, 1/2" Setback	14.0 (229.4)	(2) 1/2"	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII
3-1/2" Deep – *Gangable with Armored Cable/Metal Clad/Flex Clamps*								
600	Plaster Ears	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	—
604	TS Bracket, 1/2" Setback	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII

See end of section (Pg A92) for detailed drawings »

3” X 2” Stab-IT® Switch Boxes – With Armored Cable / Metal Clad / Flex Clamps

Applications

- For any job where flexible armored cable is being used.

Product Features

- Designed for quick installation of flex, MC, MCI, MCI-A, AC, and HCF Cable
- Accepts cable sizes from 14/2 up to 10/3 for most cable types
- Available in 4” sq. 2-1/8” deep boxes with 1 or 2 Stab-IT connectors
- Each Stab-IT connector accommodates two cables
- Pre-installed 8” solid #12 pigtail for faster installation

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
  For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



518S



623S

Switch Box Stab-IT Connector

Cat. #	Description	Cubic Inches (CM^3)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
2-1/2” Deep								
518S	(1) Stab-IT Connector, Pigtail	12.5 (204.8)	—	—	—	(1) 1/2"	25	IIIIIIII
3-1/2" Deep								
623S	(1) Stab-IT Connector, Old Work Clips, Pigtail	18.0 (295.0)	—	—	—	(1) 1/2"	25	IIIIIIII

See end of section (Pg A92) for detailed drawings »

3" X 2" Switch Boxes – With Non-Metallic Sheathed Cable Clamps

Applications

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

Product Features

- Beveled corner boxes are designed to prevent the clamp screws from protruding into back wall
- Reference the 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 box to be used in "old work" applications

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
  For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6


410


445


471


473


487


519


528


529


545


517


531


512

Switch Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
1-1/2" Deep – *Nongangable with Non-Metallic Sheathed Cable Clamps*								
410	Plaster Ears	7.5 (122.9)	—	4	—	—	25	IIIIIIII
2" Deep – *Gangable with Non-Metallic Sheathed Cable Clamps*								
445	Plaster Ears	10.0 (163.9)	—	4	—	(1) 1/2"	50	—
2-1/4" Deep – *Gangable with Non-Metallic Sheathed Cable Clamps*								
471	One Screw, Plaster Ears	10.5 (172.1)	—	4	—	(1) 1/2"	25	IIIIIIII
473	Level Bumps	10.5 (172.1)	—	4	(2) 1/2"	(1) 1/2"	20	IIIIIIII
487	Old Work, TIGERGRIP®	10.5 (172.1)	—	4	—	(1) 1/2"	20	IIIIIIII
2-1/2" Deep – *Nongangable with Non-Metallic Sheathed Cable Clamps*								
545	Plaster Ears, Old Work, 3/4" Sheet Rock Max.	12.5 (204.8)	—	4	(2) 1/2"	—	20	IIIIIIII
2-1/2" Deep – *Gangable with Non-Metallic Sheathed Cable Clamps*								
519	Plaster Ears	12.5 (204.8)	—	4	—	(1) 1/2"	25	IIIIIIII
528	Level Bumps	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII
529	LB Bracket, 5/8" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	20	IIIIIIII
531	TS Bracket, 1/2" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII
517	Plaster Ears, Old Work, TIGERGRIP®	12.5 (204.8)	—	4	—	(1) 1/2"	20	IIIIIIII
512	Plaster Ears, Old Work	12.5 (204.8)	—	4	—	(1) 1/2"	20	IIIIIIII

See end of section (Pg A92) for detailed drawings »

3" X 2" Switch Boxes – With Non-Metallic Sheathed Cable Clamps

Applications

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

Product Features

- RACO® 355 and 8355 are extra wide for ease of GFCI installation
- Reference the 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 box to be used in "old work" applications

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
  For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



564



567



355, 8355



601, 8601



603



605

Switch Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
2-3/4" Deep – *Gangable with Non-Metallic Sheathed Cable Clamps*								
567	Plaster Ears	14.0 (229.4)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII
564	TS Bracket, 1/2" Setback	14.0 (229.4)	(2) 1/2"	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII
2-27/32" Deep – *Nongangable with Non-Metallic Sheathed Cable Clamps*								
355	S Bracket, Nails	15.8 (258.9)	—	4	—	(1) 1/2"	50	—
8355	S Bracket, Nails	15.8 (258.9)	—	4	—	(1) 1/2"	20	IIIIIIII
3-1/2" Deep – *Gangable with Non-Metallic Sheathed Cable Clamps*								
601	Plaster Ears	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	—
8601	Plaster Ears	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII
605	TS Bracket, 1/2" Setback	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	IIIIIIII
603	B Bracket, 5/8" Setback	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	—

See end of section (Pg A92) for detailed drawings »

Shallow Switch Boxes – With Non-Metallic Sheathed Cable Clamps

Applications

- RACO® Shallow switch boxes are made for use with furring strips and 1/4" paneling
- Switch boxes are used to house wiring devices such as switches or outlets

Product Features

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

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



404, 404SP



405



418

Switch Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
3-3/4" x 2" Switch Box, 1" Deep – *Nongangable with Non-Metallic Sheathed Cable Clamps*								
404	Q Clamp, 1/4" Setback	6.5 (106.5)	—	2	(1) 1/2"	—	25	IIIIIIII
404SP	Q Clamp, 1/4" Setback	6.5 (106.5)	—	2	(1) 1/2"	—	6	IIIIIIII
405	Q Clamp, 1/4" Setback	6.5 (106.5)	—	4	—	—	25	IIIIIIII
4" x 4" Switch Box, 1" Deep – *Nongangable with Non-Metallic Sheathed Cable Clamps*								
418	(2) Q Clamp, 1/4" Setback	14.8 (242.5)	—	4	(2) 1/2"	—	25	IIIIIIII

Multidevice Large Capacity Switch Boxes & Partitions

Applications

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

Product Features

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

Compliance

- UL LISTED



686



687



971

Multidevice Switch Boxes, 2-1/2" Deep – *Welded with Conduit KOs*

Cat. #	Description	Cubic Inches (CM^3)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
686	3-Gang, 1/2" Setback	47.8 (783.3)	(6) 1/2", (6) 3/4"	—	(2) 1/2", (2) 3/4"	(3) 1/2", (3) 3/4"	10	IIIIIIII
687	4-Gang, 1/2" Setback	63.5 (1040.6)	(8) 1/2", (8) 3/4"	—	(2) 1/2", (2) 3/4"	(4) 1/2", (4) 3/4"	10	IIIIIIII

Low-Voltage Partition

Cat. #	Description	Cubic Inches (CM^3)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
971	For 686 and 687 Boxes	—	—	—	—	—	25	—

See end of section (Pg A92) for detailed drawings »

Multigang Boxes



951 through 955



941 through 945

Applications

- RACO® 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 3/4" and 1" 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
- Use low voltage partitions #974 or #949

Compliance

- UL LISTED

Gang Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Std. Pkg.	Bar Code
			Top & Bottom	Sides	Back		
1-5/8" Deep – *Welded with Conduit KOs*							
951	2-Gang	47.0 (770.1)	8 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(3) 1/2" (2) 3/4"	5	—
952	3-Gang	60.0 (983.2)	10 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (4) 3/4"	5	—
953	4-Gang	72.8 (1192.9)	12 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (4) 3/4"	5	—
954	5-Gang	85.8 (1406.0)	14 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (4) 3/4"	5	—
955	6-Gang	98.5 (1614.1)	16 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (4) 3/4"	1	—
2-1/2" Deep – *Welded with Conduit KOs*							
941	2-Gang	70.0 (1147.0)	(4) 3/4" 4 Conc. 3/4" & 1"	4 Conc. 3/4" & 1"	(3) 1/2" (2) 3/4"	5	—
942	3-Gang	90.0 (1474.8)	(8) 3/4" 2 Conc. 3/4" & 1"	4 Conc. 3/4" & 1"	(6) 1/2" (4) 3/4"	5	—
943	4-Gang	110.0 (1802.5)	(4) 3/4" 4 Conc. 3/4" & 1"	4 Conc. 3/4" & 1"	(6) 1/2" (4) 3/4"	5	—
944	5-Gang	130.0 (2130.3)	(6) 3/4" 4 Conc. 3/4" & 1"	4 Conc. 3/4" & 1"	(6) 1/2" (4) 3/4"	5	—
945	6-Gang	150.0 (2458.0)	(6) 3/4" 6 Conc. 3/4" & 1"	4 Conc. 3/4" & 1"	(6) 1/2" (4) 3/4"	1	—

See end of section (Pg A92) for detailed drawings »

Covers and Partitions



821



822



823



824



825



828



834, 836



974



949

Applications

- RACO® Gang box covers permit the mounting of devices
- Low voltage partitions may be added to boxes to divide power from voice/data
- RACO® 834 and 836 covers are ideal for nurse call stations

Product Features

- RACO® Device covers also fit next smaller box, i.e. three gang cover fits two or three gang box
- Partition divides boxes into compartments

Compliance

- UL LISTED (Cat. #974 and #949 not UL Listed)

Covers and Partitions

Cat. #	Description	For Gang Boxes	Cu. In. Capacity (CM^3)	Std. Pkg.	Bar Code
Device Covers for Gang Boxes- *Raised 3/4"*					
821	2-Gang, 7-1/16" Width	951 or 941	10.0 (163.8)	5	—
822	3-Gang, 8-7/8" Width	952 or 942	15.3 (250.7)	5	IIIIIIII
823	4-Gang, 10-11/16" Width	953 or 943	20.3 (332.6)	5	IIIIIIII
824	5-Gang, 12-1/2" Width	954 or 944	25.5 (417.8)	5	—
825	6-Gang, 14-5/16" Width	955 or 945	30.5 (499.8)	1	—
828	9-Gang, 19-3/4" Width	958	45.8 (750.5)	1	—
Device Covers for Gang Boxes					
834	3-Gang, 8-7/8" Width, 2" Raised	952 or 942	40.8 (668.5)	15	—
836	3-Gang, 8-7/8" Width. 1-1/2" Raised	952 or 942	30.6 (501.4)	20	—
Low Voltage Partitions for Gang Boxes					
974	For 1-5/8" Deep	—	—	25	—
949	For 2-1/2" Deep	—	—	25	—

Multigang Boxes

Blank Covers



844



845



846



847



848

Applications

- Covers are used to close a multigang box

Flat, Blank Covers for Gang Boxes

Cat. #	Description	For Gang Boxes	Std. Pkg.	Bar Code
844	2-Gang, 7-1/16" Width	951 or 941	5	—
845	3-Gang, 8-7/8" Width	952 or 942	5	—
846	4-Gang, 10-11/16" Width	953 or 943	5	—
847	5-Gang, 12-1/2" Width	954 or 944	1	—
848	6-Gang, 14-5/16" Width	955 or 945	1	—

Concrete Rings, Ceiling Box and Cover Plates


270RAC


271


272


277


273


278


274, 279


280


918


275


276


284 GORILLA-RING®


890


892


893

Applications

- RACO® 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
- 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
- A variety of cover plates are available
- Cover plate must be ordered separately with all RACO® concrete rings

Compliance

- UL LISTED

Concrete Rings

Cat. #	Description	Cubic Inches (CM^3)	Knockouts	Recommended Max. Loads		Std. Pkg.	Bar Code
				Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
270RAC	2" Deep	24.5 (401.4)	Single Row KOs - 1/2" and 3/4"	No	50	25	–
271	2-1/2" Deep	30.8 (504.7)	Single Row KOs - 1/2" and 3/4"	No	50	25	IIIIIIII
272	3" Deep	37.0 (606.3)	Single Row KOs - 1/2" and 3/4"	No	50	25	–
277	3" Deep	37.0 (606.3)	Single Row KOs - 3/4" and 1"	No	50	25	–
273	3-1/2" Deep	43.0 (704.6)	Double Row KOs - 1/2" and 3/4"	No	50	20	–
278	3-1/2" Deep	43.0 (704.6)	Single Row KOs - 3/4" and 1"	No	50	20	–
274	4" Deep	49.3 (807.8)	Double Row KOs - 1/2" and 3/4"	No	50	20	–
279	4" Deep	49.3 (807.8)	Double Row KOs - 3/4" and 1"	No	50	20	–
275	5" Deep	61.5 (1007.8)	Double Row KOs - 1/2" and 3/4"	No	50	10	–
276	6" Deep	74.0 (1212.6)	Double Row KOs - 1/2" and 3/4"	No	50	10	–
284*	4" Deep	49.3 (807.8)	Double Row KOs - 1/2" and 3/4"	70	150	6	–

Hung Ceiling Box

280	3-1/2" Deep, includes an 890 cover	43.0 (704.6)	Double Row KOs (8) 1/2" and (8) 3/4"	No	–	20	–
918	30" Long Bars for Hung Ceiling Box	–	–	No	–	40	–

Concrete Ring - *Back Plates/Covers and Adapter Ring*

Cat. #	Description	Std. Pkg.	Barcode
890	(3) 1/2" and (2) 3/4" KO's, O.D. 4-1/2"	25	IIIIIIII
892	Flat, Blank, O.D. 4-1/2"	25	–
893	O.D. 4-1/2", Joins Octagon Ext. Ring to Concrete Ring, Two Retained Screws	50	–

See end of section (Pg A93) for detailed drawings »

Masonry Boxes

Masonry Boxes and Partitions



690 through 694



695 through 699



960



965



971



949

Applications

- RACO® 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

Nongangable Product Features

- Rugged welded design 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 inside the box prevent mortar from getting in the device holes
- Steel low voltage partition #971 fits all 2-1/2" or 3-1/2" depths
- Standard wall plates can be used

Compliance

- UL LISTED

See end of section (Pg A93) for detailed drawings »

Masonry Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Std. Pkg.	Bar Code
			Sides Conduit	Ends Conduit	Bottom Conduit		
2-1/2" Deep – *Nongangable with conduit KOs*							
690	1-gang, 1-31/32" wide	16.0 (262.1)	4 Conc.	2 Conc.	2 Conc.	25	—
691	2-gang, 3-25/32" wide	31.8 (521.1)	4 Conc.	4 Conc.	4 Conc.	25	—
692	3-gang, 5-19/32" wide	47.8 (783.3)	4 Conc.	6 Conc.	3 Conc.	10	—
693	4-gang, 7-13/32" wide	63.5 (1040.5)	4 Conc.	8 Conc.	4 Conc.	10	—
694	5-gang, 9-7/32" wide	79.5 (1302.7)	4 Conc.	10 Conc.	5 Conc.	10	—
960	6-gang, 11-1/32" wide	95.3 (1561.6)	4 Conc.	12 Conc.	6 Conc.	1	—
3-1/2" Deep – *Nongangable with conduit KOs*							
695	1-gang, 1-31/32" wide	22.5 (368.7)	4 Conc.	4 Conc.	2 Conc.	25	—
8695	1-gang, 1-31/32" wide	22.5 (368.7)	4 Conc.	4 Conc.	2 Conc.	25	IIIIIIII
696	2-gang, 3-25/32" wide	45.0 (737.4)	4 Conc.	8 Conc.	4 Conc.	25	IIIIIIII
697	3-gang, 5-19/32" wide	67.3 (1102.8)	4 Conc.	12 Conc.	3 Conc.	10	IIIIIIII
698	4-gang, 7-13/32" wide	89.8 (1471.5)	4 Conc.	16 Conc.	4 Conc.	10	—
699	5-gang, 9-7/32" wide	112.3 (1840.2)	4 Conc.	20 Conc.	5 Conc.	10	—
965	6-gang, 11-1/32" wide	134.8 (2208.9)	4 Conc.	24 Conc.	6 Conc.	1	—

Low Voltage Partitions for Masonry Boxes

Catalog #	Description	Std. Pkg.	Bar Code
971	For nongangable, 2-1/2" or 3-1/2" deep boxes	25	—
949	For gangable, 2-1/2" deep boxes	25	IIIIIIII

Gangable Masonry Boxes and Partitions


688


689


675


676

Applications

- RACO® 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

Gangable Product Features

- Rugged welded 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" and 3/4" TKO® Knockouts
- Device ears inside the box prevent mortar from getting in the device holes
- Steel low voltage partitions:
  #675 fits 2-1/2" box
  #676 fits 3-1/2" deep box
- Forward mounted grounding provision allows for easy installation of grounding pigtail
- Standard wall plates can be used

Compliance

- UL LISTED

Masonry Boxes

Cat. #	Description	Cubic Inches (CM^3)	Knockouts			Std. Pkg.	Bar Code
			Sides Conduit	Ends Conduit	Bottom Conduit		
2-1/2" Deep – *Gangable with conduit KOs*							
688	1-gang, 1-15/16" wide	15.5 (253.9)	4 TKO®	2 TKO®	2 TKO®	20	IIIIIIII
3-1/2" Deep – *Gangable with conduit KOs*							
689	1-gang, 1-15/16" wide	22.5 (368.7)	4 TKO®	4 TKO®	2 TKO®	20	IIIIIIII

Low Voltage Partitions for Masonry Boxes

Catalog #	Description	Std. Pkg.	Bar Code
675	For gangable, 2-1/2" deep boxes	20	IIIIIIII
676	For gangable, 3-1/2" deep boxes	20	IIIIIIII

Masonry Boxes

Block-Loc™ Masonry Boxes



689B



695B



696B



697B



698B



786B



796B



899B

Block-Loc™ Applications

- For power and data outlets in masonry block walls

Block-Loc™ Features

- Integral brackets securely hold power and data outlets to concrete block from front and back in masonry block walls
- Quick and accurate positioning
- Break off front tabs

Compliance

- UL LISTED

Block-Loc Masonry Boxes

Catalog #	Description	Cubic Inches (CM^3)	Knockouts			Std. Pkg.	Bar Code
			Sides Conduit	Ends Conduit	Bottom Conduit		
689B	3-1/2" deep 1-gang, gangable	22.5 (368.7)	4 TKO®	2 TKO®	2 TKO®	18	IIIIIIII
695B	3-1/2" deep 1-gang, welded	22.5 (368.7)	4 Conc.	4 Conc.	2 Conc.	18	IIIIIIII
696B	3-1/2" deep 2-gang, welded	45.0 (737.4)	4 Conc.	8 Conc.	4 Conc.	12	IIIIIIII
697B	3-1/2" deep 3-gang, welded	67.3 (1102.8)	4 Conc.	12 Conc.	3 Conc.	12	IIIIIIII
698B	3-1/2" deep 4-gang, welded	89.8 (1471.6)	4 Conc.	16 Conc.	4 Conc.	6	IIIIIIII
786B	4" Sq. 1-gang tile cover, 2" deep	14.5 (237.6)	—	—	—	25	IIIIIIII
796B	4" Sq. 2-gang tile cover, 2" deep	20.5 (335.9)	—	—	—	20	IIIIIIII
899B	4-11/16" Sq. 1-gang tile cover, 2" deep	16.0 (262.2)	—	—	—	12	IIIIIIII

Braces and Brackets - Between Studs

Applications
9004R - 9006R, 9015R

- RACO® Braces and extenders are used for metal or wood stud box positioning

Product 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

Compliance

- c UL us LISTED

Applications - 9001, 9002

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

Product 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.
- 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

Compliance

- c UL us LISTED



9015R



9004R, 9006R



9001



9002

Mounting Braces and Brackets

Catalog #	Description	Std. Pkg.	Bar Code
Non-Adjustable Box Mounting Brace – For 4” and 4-11/16” Square Box			
9004R	For 16″ stud spacing, 1-1/2″ or 2-1/8″ deep box	50	—
9006R	For 24″ stud spacing, 1-1/2″ or 2-1/8″ deep box	50	—
Adjustable Box Mounting Brace – *For 4″ and 4-11/16″ square box*			
9015R	Adjusts from 15″ to 26″, 1-1/2″ or 2-1/8″ deep box	50	—
Fixed Position Box Mounting Brackets – *For 4″ and 4-11/16″ square box*			
9001	(3) Box, for 16″ O. C. studs	50	—
9002	(4) Box, for 24″ O. C. studs	50	—

Box Support Products

Open Center Brackets

Applications

- Perfect for commercial construction. Can be adjusted for use on stud spacing anywhere from 16-24". Accommodates 4" or 4-11/16" square boxes and plaster rings. Provides maximum flexibility for installers while reducing required SKUs on the jobsite

Product Features

- Accepts 4" and 4-11/16" square boxes
- Large opening allows multiple boxes to mount anywhere in the space
- Rigid design eliminates need for far-side support
- Adjusts from 16" to 24"
- Can be cut for use in smaller spacing
- Centering marks for quick installation
- Use on wood or metal studs
- Galvanized steel construction

Compliance

- c UL us LISTED







9020R



9030G

Adjustable Box Support Bracket

Catalog #	Description	Std. Pkg.	Bar Code
9020R	Adjustable Open Center Bracket for 16" to 24" stud spacing	25	—
9030G	Accepts Only The Universal Stud Mount Brackets And The Ultimate G Series Brackets.	25	—

Applications

- Easily position and adjust electrical boxes and plaster rings between studs

Product Features

- Accepts both 4" and 4-11/16" square boxes and plaster rings
- Opening gives installer flexibility of box position between studs
- Features built-in first means of support for securing and supporting flex and armored cable
- Built-in ruler to aid in alignment of electrical box

Compliance

- c UL us LISTED





9024R



9016R

Box Support Brackets

Catalog #	Description	Std. Pkg.	Bar Code
9016R	Bracket for 16" stud spacing	25	—
9024R	Bracket for 24" stud spacing	25	—

Brackets and Box Supports - On Studs

Applications - 9018

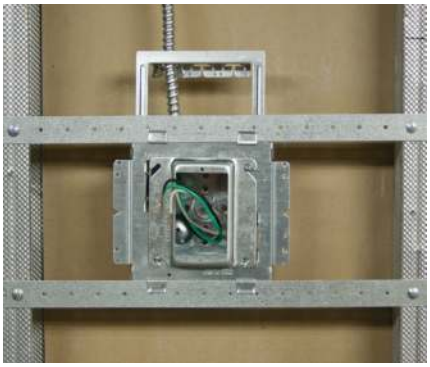
- Supports electrical box when mounted to a stud

Product Features

- Dual-point mounting, right or left of stud Perfect for prefab applications
- Mounts 4" or 4-11/16" sq. box to 2-1/2", 3-1/2" or 6" studs

Compliance

- UL LISTED





SBRNRRAC

Applications - SBRNRRAC

- Bracket supports electrical box when mounted to a stud

Product Features

- Patented, built-in cable support accepts up to 3 MC cables (12-2 MC to 10-4 MC)
- Mounts 4" sq. box left or right of stud
- Patented flip-out support accommodates wood and metal stud depths: 2-1/2", 3-1/2", 3-5/8", 5-1/2" and 6"

Compliance

- c UL us LISTED



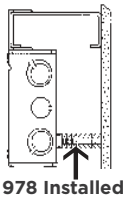
9018



BOX-LOC® 980



978



978 Installed



SP2RAC



987

Applications - 980 BOX-LOC® & 978 *(Sold Separately)*

- Allows any 4" or 4-11/16" square metal box to be affixed to a metal stud quickly and easily. 978 Far Side Support prevents box from being pushed back in wall cavity

Product Features

- 980 Patented spring-steel design installs in seconds without tools
- 978 simply snaps into hole in back of box and is easily cut to fit wall cavity

Applications - SP2RAC

- Spanner bar SP2RAC works for 24" spans, works with both SBRNRRAC and S1CRAC bracket systems to provide support between two metal or wood studs
- Bars can be used in many mechanical support applications

Product Features

- 1" high profile, 1/8" mounting holes, 1" O.C.
- Heavy 20 gauge .038" gauge pre-galvanized steel construction for secure and rigid support of boxes in wall cavity

Brackets and Box Supports

Catalog #	Description	Std. Pkg.	Bar Code
Two-Point Box Mounting Brackets			
9018	Left or right side stud mount	100	—
Single Box Mounting Bracket With Cable Support – *For MC/BX Wiring Systems*			
SBRNRRAC	Positions a 4" Sq. junction box between two studs	30	—
Box-Loc Metal Stud Clip			
980	Spring steel bracket	50	IIIIIIII
Plastic Far Side Support			
978	1-7/8" rigid, plastic support	50	—
Between Stud Spanner Bar			
SP2RAC	Spans 24" between two metal or wood studs	30	—
Bracket Support			
987	Heavy duty universal bracket support	25	—

Box Support Products

Box and Cable Supports - Between Studs and Floor

Applications - 9009, 9010

- Supports electrical boxes from floor or concrete forms

Product Features

- Fold back stabilizer prevents bracket from being pushed back in wall cavity during drywall installation
- Designed for mounting square boxes 12" or 18" above floor. Mounts to metal or wood plate.
- Mounts 4" or 4-11/16" square 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

Compliance

- UL LISTED



9009



9010



CS1RAC

Applications - CS1RAC & CS2RAC

- CS1RAC and CS2RAC are used to organize runs of MC or BX cables with spacing for NEC requirements that eliminate the need for derating
- Flexibility allows for multiple mounting applications

Product Features

- Cable holders can be mounted in multiple configurations - wall/surface, hung by 1/4" all threaded rod, top of wall mounted or deck mounted
- Easy to use, integrated locking tabs hold cable securely in place - snap cable in, no additional hardware required to hold cables in place
- Cable holders accept cable ranges 12-2 MC to 10-4 MC
- Heavy 20 gauge .038" gauge pre-galvanized steel construction for secure and rigid support of boxes in wall cavity

Compliance

- UL LISTED

Floor Mounted Box Support

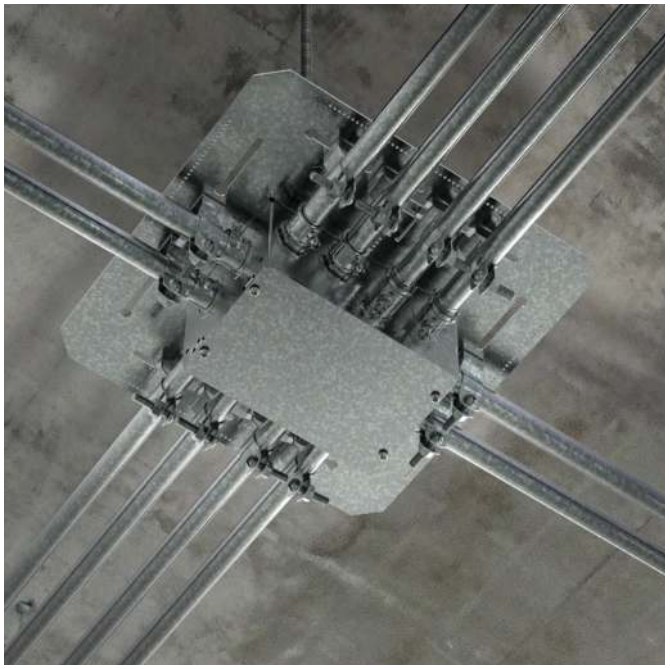
Catalog #	Description	Std. Pkg.	Bar Code
9009	12" Tall bracket	25	—
9010	18" Tall bracket	25	—

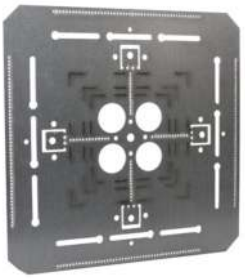
MC/BX Cable Holder

Catalog #	Description	Std. Pkg.	Bar Code
CS1RAC	16" -10 Cable positions	50	—

Box Support Plates

Box Supports - Ceiling

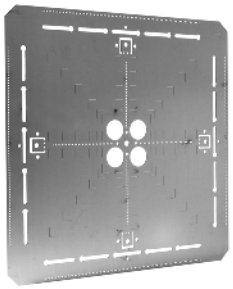




9112R



9112RL



9118R

Applications

- RACO® box support and conduit positioning plates offer flexible options for quickly hanging electrical boxes in commercial or industrial overhead applications. Also provides a means of positioning for conduit exiting the box. Create a clean, organized and strong installation that saves time and materials compared to traditional suspended procedures.

  Two 12" models accommodate up to 6" x 6" boxes. Larger 18" model can hold multiple 4" square boxes, or larger boxes up to 12" x 12", including our Grand Slam junction box.

Product Features

- Mount horizontally or vertically from a single 3/8" threaded rod
- Bendable tabs secure plate in vertical installation
- Multiple markings for easier box alignment
- Pre-punched holes for rear raceway access
- Holes and slots provide limitless options for clamp or strap installation
- Lanced feature on 9112RL for easier one-hole strap installation
- Constructed of 16 gauge galvanized steel

Compliance

- c UL us LISTED

12" x 12" Square Box & Conduit Hangers

Catalog #	Description	Std. Pkg.	Bar Code
9112R	Flat plate, 16 gauge galvanized steel	10	—
9112RL	Lanced plate, 16 gauge galvanized steel	10	—

18" x 18" Square Box & Conduit Hangers

Catalog #	Description	Std. Pkg.	Bar Code
9118R	Flat plate, 16 gauge galvanized steel	5	—

Accessories for Steel Boxes

Box Supports - Ceiling

Applications - 920, 922

- RACO® 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
- 920, 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 knockout from box, also the screw and fixture clip from bar hanger
- When box is located accurately between joists, tighten the screw securely

KWIK-HANG™ Applications

- Designed to support 4" square, 4-11/16" square, round, or octagon boxes in hanging applications
- Uses existing holes in bottom of box for quick installation

KWIK-HANG™ Features

- Use with cable, wire, chain, strut (not included) to secure from building structure
- Quick installation
- Locks securely into position
- Durable steel construction
- Installation instructions included

Compliances

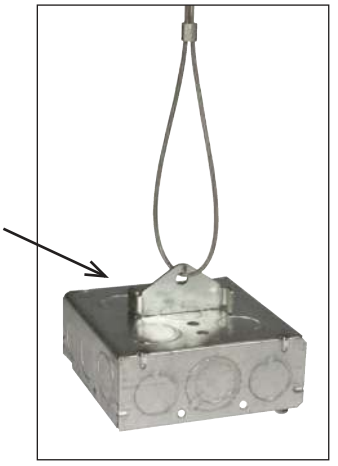
- cULus Listed for static fixtures load of 50 lbs or less
- Satisfies NEC 300.11 for box support
- c UL us LISTED for static fixtures load of 50 lbs or less



920, 922



991



Adjustable Bar Hangers

Catalog #	Description	Recommended Max. Loads		Std. Pkg.	Bar Code
		Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
920	Clip, adjusts 14-1/4" to 22-1/2"	No	10**	25	IIIIIIII
922	Clip, adjusts 14-1/4" to 22-1/2"	No	10**	50	—

Box Support Products

Catalog #	Description	Std. Pkg.	Bar Code
991	KWIK-HANG™ Box Support Hanger	50	—

Accessories for Steel Boxes

"Old Work Saddle" Application - 970RAC

- The "Old Work Saddle" 907RAC is designed to be used with 2-1/2" deep switch boxes that have plaster ears

"Old Work Saddle" Product Features

- 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

Application - 9008, 9017

- Mounts standard low voltage wall plates, old work (existing walls)

Product 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

- c UL us LISTED

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

NEC Code 314.20

- See page A(3) 2017 Standards

Compliances

- c UL us LISTED

Application - 969

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

Product Features

- Old work switch box clips for use with 1/2" thick standard drywall



970RAC



977, 8977, 8977-5



969



9017



976



999



987



961



962

Accessories

Catalog #	Description	Std. Pkg.	Bar Code
Switch Box Support "Old Work Saddle"			
970RAC	Mounts switch boxes w/ plaster ears in hollow walls or ceilings	10	IIIIIIII
Grip-Lok® "Old Work" Switch Box Support			
977	Supplied as a pair to mount switch box with plaster ears in a hollow wall, 1-7/8" long legs	100 pairs	—
8977	Supplied as a pair to mount switch box with plaster ears in a hollow wall, 1-7/8" long legs	25 pairs	IIIIIIII
8977-5*	Supplied as a pair to mount switch box with plaster ears in a hollow wall, 1-7/8" long legs	100 pairs	IIIIIIII
Old Work Switch Box Clips			
969	Old Work clips for switch boxes, 1/2" sheetrock	50 pairs	IIIIIIII
Low Voltage Mounting Bracket			
9017	New or Old Work 1-gang	20 Bags**	IIIIIIII
Add-A-Depth Ring			
976	Adjustment range 1/4" - 1", two 1-1/8" screws included	25 Bags	IIIIIIII
Device Leveling Plate			
999	FLUSH-FIT device leveler	50	—
Box Support			
987	Heavy duty Universal Box Support (UBS)	25	IIIIIIII

*Notes: *4 Bundles of 25 – sold in carton quantities only.*
***2 Brackets per polybag.*

Switch Box Support "Old Work Saddle"

Cat. #	Description	For RACO® Switch Boxes	Std. Pkg.	Bar Code
961	Plaster ears - open style with screws	410, 420, 440, 445, 500, 503, 506, 508, 526, 545, 560, 565, 567, 570RAC, 590, 600, 601	100	IIIIIIII
962	Plaster ears - clipped style with screws	150, 400, 591	100	IIIIIIII

Protector Plates

Cable Protector Plates

Puzzle-Plate® Cable Protectors Application - 2712 – 2713R

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

Puzzle-Plate® Product Features

- Innovative, interlocking design does not allow nail or screw penetration through gaps or holes
- Pre-galvanized steel construction for added corrosion protection
- No additional hardware required, just position and hammer down spurs
- Unique interlocking feature allows installer to easily increase area that requires protection

Compliances

- c UL us LISTED (not 2712, 2712-9, 2713)

Nailing Spur Applications - 2709, 2710

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

Product Features

- Old work

Compliances

- c UL us LISTED

Application - 701AJT - 701FG

- RACO® protector plates eliminate drywall compound, debris, paint and drywall router bit from entering box or damaging device or conductors

Product Features

- Raised - covers protect Decora, duplex and switch devices
- Flat - covers close off mudring opening to protect wiring from drywaller's router bit tools
- Feature patented wire retrieval loop to hold data wire in place



2712, 2712R, 2712-9R, 2713R Puzzle-Plates®



2709, 2709-9, 2710 Standard Type



701AJT



702AJT



701FG



701RD



701FD

Cable Protector Plates - *For Wood Studs*

Cat. #	Contractor Pack	Description	Length	Material Thickness	Std. Pkg.	Bar Code
2712	—	Puzzle-Plate / Gangable	2-3/4″	.0510″	100	IIIIIIII
2712-9R	Yes	Puzzle-Plate / Gangable	2-3/4″	.0625″	50	—
2712R	—	Puzzle-Plate / Gangable	2-3/4″	.0625″	100	IIIIIIII
2713R	—	Puzzle-Plate / Gangable	5″	.0625″	50	IIIIIIII
2709	—	Standard Type / Nongangable	2-9/16″	.0625″	100	IIIIIIII
2709-9	Yes	Standard Type / Nongangable	2-9/16″	.0625″	100	—
2710	—	Standard Type / Nongangable	2-9/16″	.0625″	200	—

Raised or Flat Device & Wire Protection Plates

Cat. #	Description	Device Protect	Std. Pkg.
701AJT	3/4″ raised, for 1 device adjustable mudring	GFI, Duplex, Switch	24
702AJT	3/4″ raised, for 2 device adjustable mudring	GFI, Duplex, Switch	24
701RD	Gangable for RACO 686, 687, & RACO nongangable masonry boxes	For Caddy® MP1S	24
701FD	3/4″ raised, low voltage	For Caddy® MP1S	50
701FG	Flat, gangable for 686, 687, RACO gang masonry boxes	Opening and Wires	100

Box Grounding Products



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



984



992 #14 Wire 993 #12 Wire



998, 8998-1



973, 8973-1



975, 8975-1

Grounding Applications

- RACO® Grounding accessories provide a safe electrical path to ground to help prevent shock
- RACO® 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

Grounding Pigtails

CAT.# Wire 6"	CAT.# Length 8"	Description	Std. Pkg.	Bar Code
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 pc. per bag)	40 Bags*	IIIIIIII
984		#14 Solid bare copper wire, captive 4-way combo head green dye finish ground screw one end (25 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

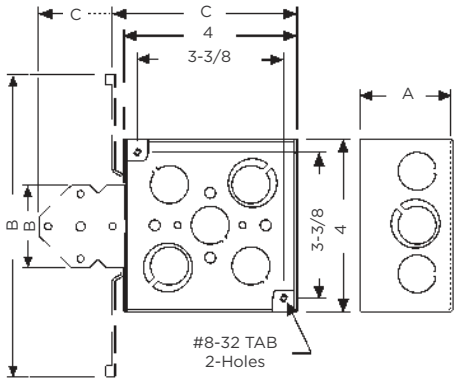
Cat. #	Description	Std. Pkg.	Bar Code
998	4-Way combo head green dye finish 3/8" ground screw for 10-32 tapped hole, clam shell packaged (100 pc. Per clam shell)	1000	IIIIIIII
8998-1	4-Way combo head green dye finish 3/8" ground screw for 10-32 tapped hole, poly bag (10 pc. Per bag)	50 Bags*	IIIIIIII
973	Slotted head green dye finish 3/8" ground screw for 10-32 tapped hole, clam shell package (100 pc. Per clam shell)	1000	IIIIIIII
8973-1	Slotted head green dye finish 3/8" ground screw for 10-32 tapped hole, poly bag (10 pc. Per bag)	50 Bags*	IIIIIIII
975	Green dye finish ground clip for #14-#10 AWG copper, clam shell package (100 pc. Per clam shell)	1000	IIIIIIII
8975-1	Green dye finish ground clip for #14-#10 AWG copper, poly bag (10 pc. Per bag)	50 Bags*	IIIIIIII

*Notes: *Order standard package bag quantities only, not per piece.*

Detailed Drawings

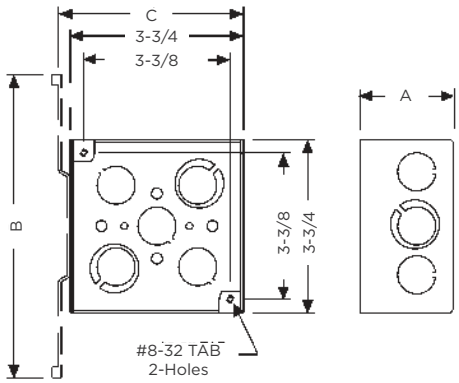
Square Boxes

4" Square Conduit Boxes



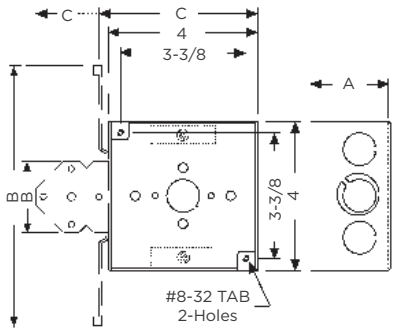
Cat. #	Dimensions		
	A (Inside)	B	C
181	1-1/2"	-	-
185	1-1/4"	-	-
187	1-1/2"	-	-
199	1-1/2"	6-7/8"	4-3/8"
202	1-1/2"	-	-
204	1-1/2"	-	-
207	2-1/8"	-	-
226	1-1/2"	-	-
227	1-1/2"	4-5/8"	5-1/2"
236	2-1/8"	7-5/8"	4-3/8"
237	2-1/8"	7-5/8"	4-3/8"
238	2-1/8"	4-5/8"	5-1/2"
239	2-1/8"	-	-
251	2-1/8"	1-31/32"	6"
8197	1-1/2"	7-3/8"	4-3/8"
189, 8189	1-1/2"	-	-
189F	1-1/2"		
189H	1-1/2"	3-1/8"	4-15/16"
189HWP	1-1/2"	3-1/8"	4-15/16"
189M	1-1/2"	3-1/8"	4-15/16"
189RAC	1-1/2"	-	-
189SM	1-1/2"	-	-
190, 8190	1-1/2"	-	-
191, 8191	1-1/2"	-	-
192, 8192	1-1/2"	-	-
192SM	1-1/2"	-	-
232D	2-1/8"	-	-
193, 8193	1-1/2"	1-31/32"	6"
196, 8196	1-1/2"	6-7/8"	4-3/8"
201, 8201	1-1/2"	-	-
203, 8203	1-1/2"	-	-
208, 8208	1-1/2"	6-13/16"	5-15/16"
231, 8231	2-1/8"	-	-
232, 8232	2-1/8"	-	-
232F	2-1/8"	-	-
232H	2-1/8"	3-1/8"	4-15/16"
232M	2-1/8"	7"	4-15/16"
232-OW	2-1/8"	-	-
232RAC	2-1/8"	-	-
232SM	2-1/8"	-	-
233, 8233	2-1/8"	-	-
235, 8235	2-1/8"	7"	4-5/16"
911-3	2-1/8"	-	-
911-4	2-1/8"	7-5/8"	4-3/8"
911-6	1-1/2"	-	-
911-9	1-1/2"	-	-

3-3/4" Square Conduit Boxes



Cat. #	Dimensions		
	A (Inside)	B	C
255	3-1/2"	7-5/8"	3-3/4"
911-1	3-1/2"	7-5/8"	3-3/4"
256	3-1/2"	-	-
911-2	3-1/2"	-	-

4" Square Cable Boxes

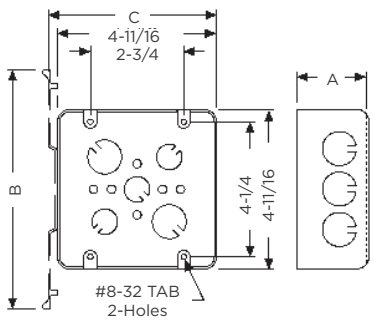


Cat. #	Dimensions		
	A (Inside)	B	C
223	1-1/2"	6-7/8"	4-3/8"
224	1-1/2"	1-31/32"	6"
225	1-1/2"	1-31/32"	6"
228	1-1/2"	4-5/8"	5-1/2"
229	1-1/2"	4-5/8"	5-1/2"
242	2-1/8"	-	-
243	2-1/8"	4-5/8"	5-1/2"
248	1-1/2"	-	-
249	2-1/8"	1-31/32"	6"
211, 8211	1-1/2"	-	-
213, 8213	1-1/2"	-	-
213HWP	1-1/2"	3-1/8"	4-15/16"
218, 8218	1-1/2"	6-7/8"	4-3/8"
240, 8240	2-1/8"	7"	4-5/16"
241, 8241	2-1/8"	7"	4-5/16"
248HWP	2-1/8"	3-1/8"	4-15/16"

Detailed Drawings

Square Boxes

4-11/16" Square Conduit Boxes

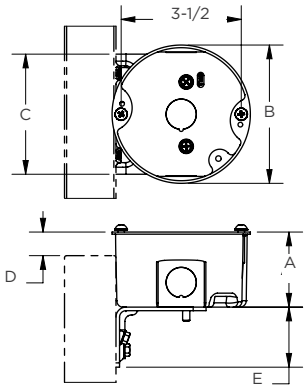


Cat. #	Dimensions		
	A (Inside)	B	C
245	1-1/2"	-	-
246	1-1/2"	-	-
247	1-1/2"	-	-
250	1-1/2"	-	-
254	2-1/8"	7-5/8"	5-1/16"
258	2-1/8"	-	-
259	2-1/8"	-	-
260	3-1/4"	-	-
262	2-1/8"	-	-
257, 8257	2-1/8"	-	-
257F	2-1/8"	-	-
257H	2-1/8"	-	-
257HS	2-1/8"	-	-
257M	2-1/8"	-	-
257SM	2-1/8"	-	-
258SM	2-1/8"	-	-
265, 8265	2-1/8"	-	-
911-12	2-1/8"	-	-
911-15	3-1/4"	-	-

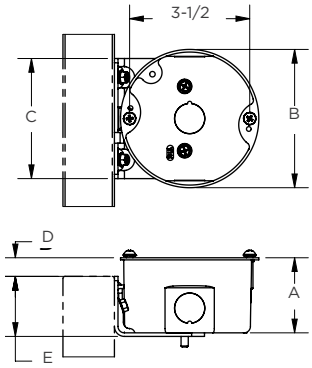
Ceiling Fan Support Products

Ceiling Fan Boxes

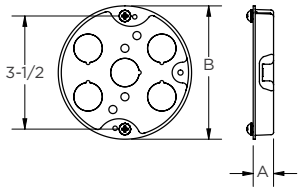
291-1, 294, 294-1 (New Work)



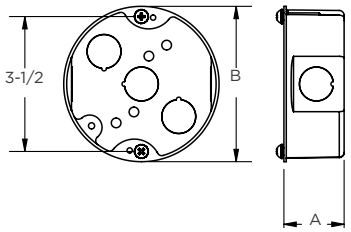
294, 294-1 (Old Work)



295 and 295-1



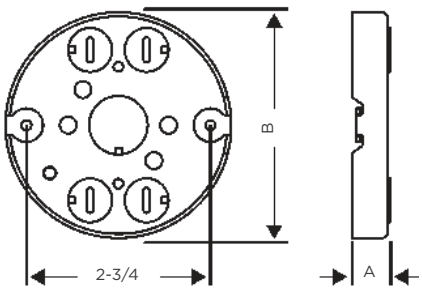
296 – 299



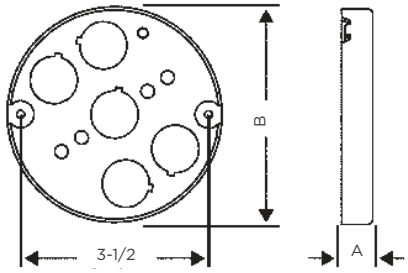
Cat. #	Dimensions				
	A (Inside)	B	C	D	E
291-1	1-1/2"	4"	3-1/2"	1/2"	1-3/4"
294, 294-1	2-1/8"	4"	3-1/2"	1/2"	1-3/4"
295, 295-1	1/2"	4"	-	-	-
296, 296-1	1-1/2"	4"	-	-	-
299	2-1/8"	4"	-	-	-

Ceiling Pans

Ceiling Pans – 3-1/2"
287, 292 and 8292



Ceiling Pans – 4"
293 and 8293

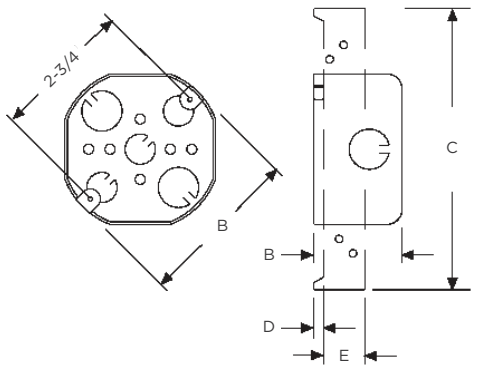


Cat. #	Dimensions	
	A (Inside)	B
287	11/16"	3-3/8"
292	1/2"	3-3/8"
8292	1/2"	3-3/8"
293	1/2"	4"
8293	1/2"	4"

Detailed Drawings

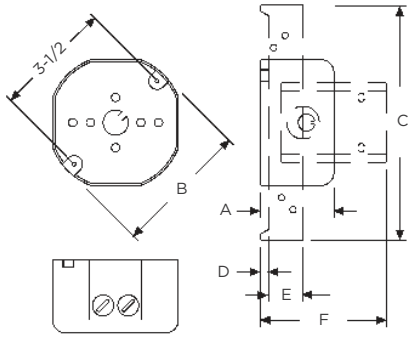
Octagon Boxes

3-1/2" Octagon Boxes



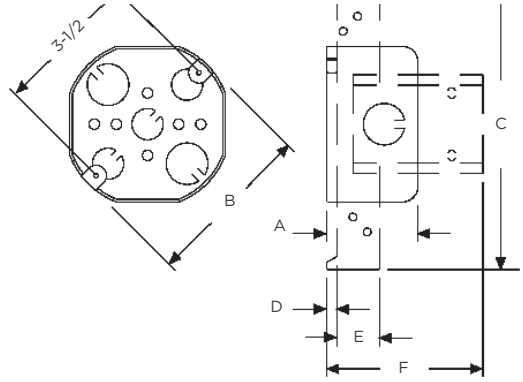
Cat. #	Dimensions				
	A (Inside)	B	C	D	E
110	1-1/2"	3-1/2"	-	-	-
111	1-1/2"	3-1/2"	-	-	-
112	1-1/2"	3-1/2"	-	-	-
119	1-1/2"	3-1/2"	7"	-	1-1/16"

4" Octagon Cable Boxes



Cat. #	Dimensions					
	A (Inside)	B	C	D	E	F
145	1-1/2"	4"	-	-	-	-
146	1-1/2"	4"	-	-	-	-
150	1-1/2"	4"	-	-	-	-
153	1-1/2"	4"	-	-	-	-
155	1-1/2"	4"	7"	1/2"	1-1/16"	-
157	1-1/2"	4"	2-3/8"	-	-	3-1/8"
160	1-1/2"	4"	2-3/8"	-	-	3-1/8"
164	1-1/2"	4"	7"	1/2"	1-1/16"	-
175	2-1/8"	4"	-	-	-	-
176	2-1/8"	4"	2-3/8"	5/8"	-	3-3/4"
177	2-1/8"	4"	7"	1/2"	1-1/16"	-

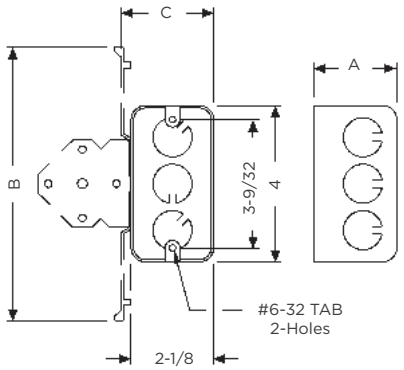
4" Octagon Conduit Boxes



Cat. #	Dimensions					
	A (Inside)	B	C	D	E	F
125, 8125	1-1/2"	4"	-	-	-	-
126	1-1/2"	4"	-	-	-	-
127	1-1/2"	4"	-	-	-	-
128	1-1/2"	4"	-	-	-	-
130	1-1/2"	4"	-	-	-	-
158	1-1/2"	4"	2-3/8"	-	-	3-1/8"
165	2-1/8"	4"	-	-	-	-
166	2-1/8"	4"	-	-	-	-
161	1-1/2"	4"	7"	1/2"	1-1/16"	
167	2-1/8"	4"	-	-	-	-
167TS	2-1/8"	4"	7"	1/2"	1-1/16"	-

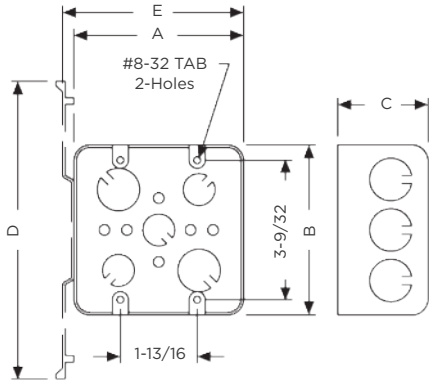
Handy Boxes and Switch Boxes

Handy Boxes



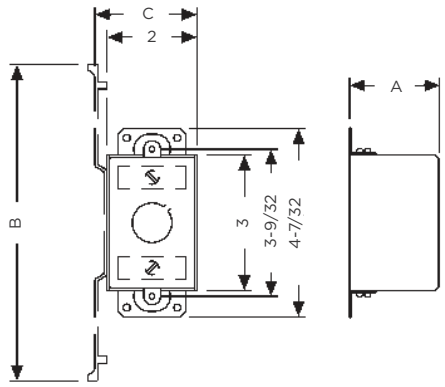
Cat. #	Dimensions		
	A (Inside)	B	C
661	1-7/8"	6-7/16"	2-7/32"
662	1-7/8"	7"	2-3/8"
670RAC	2-1/8"	-	-
8670	2-1/8"	-	-
674	2-1/8"	-	-
678	2-1/8"	7"	2-3/8"
650, 8650	1-1/2"	-	-
650CSA	1-1/2"	-	-
653	1-1/2"	-	-
660, 8660	1-7/8"	-	-
611	1-7/8"	-	-
660SM	1-7/8"	-	-
663, 8663	1-7/8"	-	-
663SM	1-7/8"	-	-
665	1-7/8"	-	-
671	2-1/8"	6-7/16"	2-7/32"

2-Gang Handy Boxes / Switch Boxes



Cat. #	Dimensions				
	A (Inside)	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"

1-Gang and Gangable Conduit Switch Boxes

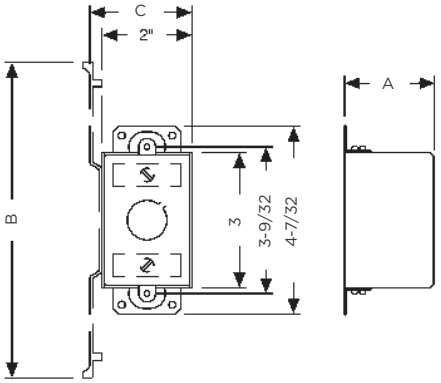


Cat. #	Dimensions		
	A (Inside)	B	C
400	1-1/2"	-	-
420	2"	-	-
501	2-1/2"	-	-
502	2-1/2"	1-31/32"	4"
503	2-1/2"	-	-
506	2-1/2"	-	-
508	2-1/2"	-	-
509	2-1/2"	-	-
560	2-3/4"	-	-
562	2-3/4"	7"	2-13/64"
565	2-3/4"	-	-
591	3-1/2"	-	-
592	3-1/2"	-	-
500, 8500	2-1/2"	-	-
504, 8504	2-1/2"	7"	2-13/64"
590, 8590	3-1/2"	-	-

Detailed Drawings

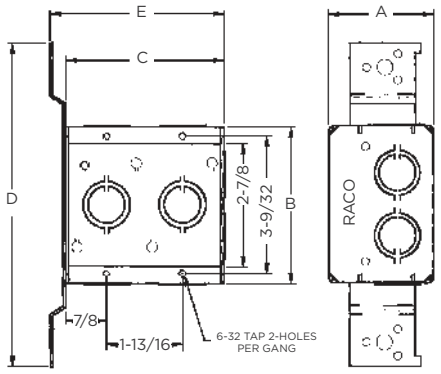
Switch Boxes

1-Gang and Gangable Cable Switch Boxes



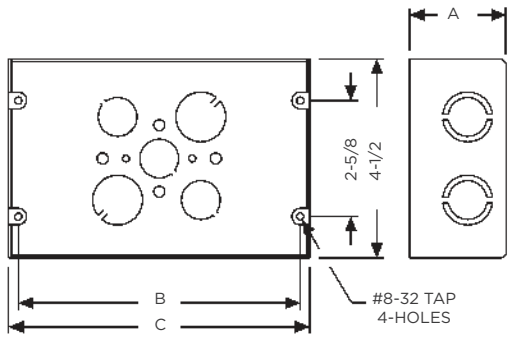
Cat. #	Dimensions		
	A (Inside)	B	C
410	1-1/2"	-	-
440	2"	-	-
445	2"	-	-
471	2-1/4"	-	-
473	2-1/4"	-	-
487	2-1/4"	-	-
512	2-1/2"	-	-
517	2-1/2"	-	-
518	2-1/2"	-	-
519	2-1/2"	-	-
522	2-1/2"	1-31/32"	5-3/64"
523	2-1/2"	-	-
526	2-1/2"	1-3/8"	3-13/32"
528	2-1/2"	-	-
529	2-1/2"	1-31/32"	5-3/64"
531	2-1/2"	7"	2-13/64"
545	2-1/2"	-	-
564	2-3/4"	7"	2-13/64"
567	2-3/4"	-	-
574	2-3/4"	7"	2-13/64"
600	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"
524, 8524	2-1/2"	7"	2-13/64"
570RAC	2-3/4"	-	-
601, 8601	3-1/2"	-	-

Multi-Device Switch Boxes



Cat. #	Dimensions				
	A (Inside)	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"

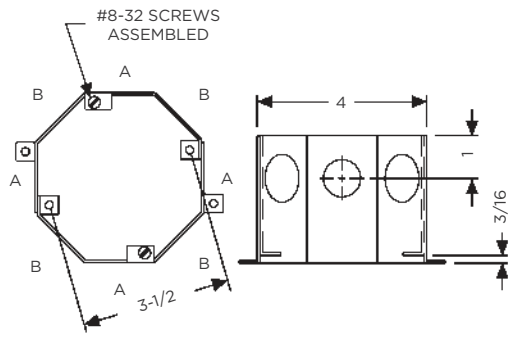
Multi-Gang Boxes



Cat. #	Dimensions		
	A (Inside)	B	C
941	2-1/2"	6-3/8"	6-13/16"
942	2-1/2"	8-3/16"	8-5/8"
943	2-1/2"	10"	10-7/16"
944	2-1/2"	11-13/16"	12-1/4"
945	2-1/2"	13-5/8"	14-1/16"
951	1-5/8"	6-3/8"	6-13/16"
952	1-5/8"	8-3/16"	8-5/8"
953	1-5/8"	10"	10-7/16"
954	1-5/8"	11-13/16"	12-1/4"
955	1-5/8"	13-5/8"	14-1/16"
956	1-5/8"	15-7/16"	15-7/8"
957	1-5/8"	17-1/4"	17-11/16"
958	1-5/8"	19-1/2"	19-1/2"

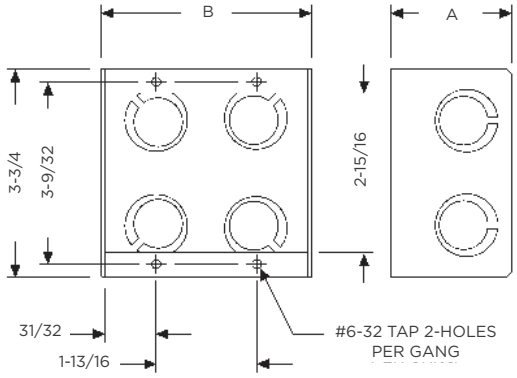
Concrete Rings and Masonry Boxes

Steel Concrete Rings



Knockout Size	Dimensions	
	A	B
1/2" & 3/4"	1/2"	3/4"
3/4" & 1"	3/4"	1"

Steel Masonry Boxes



Cat. #	Dimensions	
	A (Inside)	B
688	2-1/2"	1-15/16"
690	2-1/2"	1-31/32"
691	2-1/2"	3-25/32"
692	2-1/2"	5-19/32"
693	2-1/2"	7-13/32"
694	2-1/2"	9-7/32"
960	2-1/2"	11-1/32"
689	3-1/2"	5-19/32"
695	3-1/2"	1-31/32"
8695	3-1/2"	1-31/32"
696	3-1/2"	3-25/32"
697	3-1/2"	5-19/32"
698	3-1/2"	7-13/32"
699	3-1/2"	9-7/32"
965	3-1/2"	11-1/32"

Non-Metallic Boxes, Covers, and Accessories

Standards, 2023 National Electrical Code®

Most Often Requested Sections of the 2020 National Electric Code®	How RACO® Products Help Complete the Installation
314.27 (A) Boxes at Lighting Fixture Outlets. Outlet boxes or fittings designed for the support of lighting fixtures, and installed as required by 314.23 , shall be permitted to support a light fixture.	Our octagon boxes are designed for direct mounting of light fixtures of 6 lbs or less. 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) (1) or wall fixtures 6 lbs. or less [See 314.27 (A) (1) [Exception].
410.20 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.	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.
314.27 (B) 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.	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.
314.27 (C) Boxes at Fan Outlets. Boxes that support ceiling fans must be listed for that purpose.	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.
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(A) (1) for boxes.	All outlet boxes that are intended to be used with fixtures are tested in accordance with UL 514A for steel boxes, UL 514C for plastic boxes. The test does provide an ample margin for safety.
406.12, 406.3B, 406.4 Tamper-Resistant Receptacles in dwelling units.	This prevents shocks to small children that like to insert keys, paper clips, etc. into the receptacle slots.

1-Gang

Non-Metallic Cable Boxes



7302RAC, 7820RAC



7873RAC

Applications

- RACO® Non-Metallic 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® Non-Metallic 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

Compliance

- UL LISTED
- 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

1-Gang with Captive Nails – *For Non-Metallic Sheathed Cable*

Catalog #	Description	Cable Knockouts	Std. Pkg.	Bar Code
7302RAC	2-3/4" Deep, 18.0 Cu. In. (294.9 cm3), Nails, 1/2" Setback	4	100	IIIIIIII
7820RAC	3-3/16" Deep, 20.3 Cu. In. (332.6 cm3), Nails, 1/2" Setback	4	100	IIIIIIII
7873RAC	3-1/2" Deep, 23.0 Cu. In. (376.8 cm3), Nails, 1/2" Setback	4	100	IIIIIIII

Applications

- Quickly repair stripped or damaged plastic electrical boxes—no need to replace the entire box. This strong metal clip holds outlets and switches tight.

Product Features

- Eliminates the need to replace the box
- Fits flush to the box using patented design
- Works on almost any plastic box type or thickness
- Slides easily to align screw holes
- Saves time and money for property managers and DIYers

See end of section (Pg A104) for detailed drawings »

NEW



8988RAC

1-Gang with Captive Nails – *For Non-Metallic Sheathed Cable*

Catalog #	Description	Std. Pkg.	Bar Code
8988RAC*	Plastic box repair clip, 10 bags of 10 clips and screws	100	IIIIIIII

*Notes: *Not UL Listed.*

Non-Metallic Cable Boxes

Applications

- RACO® Non-Metallic 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® Non-Metallic 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 and prevents box deformation

Standard Material

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

Compliance

- UL LISTED
- 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



7835RAC



7645RAC



7846RAC



7848RAC



7874RAC

2-Gang with Captive Nails for Wood Studs – *For Non-Metallic Sheathed Cable*

Catalog #	Description	Cable Clamps	Cu. In. Cap.	Std. Pkg.	Bar Code
7835RAC	2-29/32" Deep, Nails	8	32.5 (532.5 CM^3)	15	IIIIIIII

Multi-gang with Captive Nails for Wood Studs – *For Non-Metallic Sheathed Cable*

Catalog #	Description	Cable Clamps	Cu. In. Cap.	Std. Pkg.	Bar Code
7645RAC	2-5/8" Deep, 4-Gang, Nails, 1/2" Setback, Bracket Support	12	55.0 (901.2 CM^3)	25	IIIIIIII
7846RAC	2-3/4" Deep, 3-Gang, Nails, 1/2" Setback	12	44.0 (720.9 CM^3)	8	IIIIIIII

Multi-gang, Large Capacity, with Captive Nails – *For Wood Stud or Face Mount to Wood or Metal Stud - Non-Metallic Sheathed Cable*

Catalog #	Description	Cable Clamps	Cu. In. Cap.	Std. Pkg.	Bar Code
7848RAC	3-7/8" Deep, 2-Gang, Nails, 1/2" Setback, Bracket	8	48.0 (786.5 CM^3)	50	IIIIIIII
7847RAC	3-7/8" Deep, 3-Gang, Nails, 1/2" Setback, Bracket	12	74.0	50	IIIIIIII

See end of section (Pg A104) for detailed drawings »

Non-Metallic Cable Boxes

Applications

- RACO® Non-Metallic 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® Non-Metallic 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

Compliance

- UL LISTED
- 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



7318RAC



7717RAC

1-Gang with Brackets for Metal or Wood Studs – *For Non-Metallic Sheathed Cable*

Catalog #	Description	Cable Knockouts	Std. Pkg.	Bar Code
7308RAC	1-1/4" Deep, 8.0 Cu. In. (131.0 cm3), 3/8" Setback, Bracket	2	25	IIIIIIII
7318RAC	1-1/4" Deep, 8.0 Cu. In. (131.0 cm3), Flanged, 3/8" Setback	2	25	IIIIIIII
7717RAC	2-27/32" Deep. 20.0 Cu. In. (327.7 cm3), Face Mount, 1/2" Setback	4	100	IIIIIIII

See end of section (Pg A104) for detailed drawings »

Non-Metallic Cable Boxes

Applications

- RACO® Non-Metallic 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® Non-Metallic 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 feature wrap-around metal clamp to secure box to sheetrock

Standard Material

- Made of heavy-duty PVC (Polyvinyl chlor-ide) compound. 7122RAC and 7922RAC are polycarbonate

Compliance

- UL LISTED
- 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


7887RAC


7488RAC


7122RAC


7922RAC


7232RAC


978


980
BOX-LOC®

Old Work Cable Boxes – *For Non-Metallic Sheathed Cable*

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Bar Code
7887RAC	1-Gang, 2-29/32" Deep, 14.0 Cu. In. (229.4 cm3), Flush Mount	4	50	IIIIIIII
7488RAC	2-Gang, 2-3/4" Deep, 25.0 Cu. In. (409.6 cm3), Flush Mount	6	30	IIIIIIII
7122RAC	3-1/2" Round, 2-13/16" Deep, 18.0 Cu. In. (294.9 cm3), Flush Mount, Recommended Max. Support Loads - 6 Fixture Lbs. (Static)	4	100	IIIIIIII
7922RAC	3-1/2" Round, 2-13/16" Deep, 18.0 Cu. In. (294.9 cm3), Flush Mount, Ground Plate	4	100	IIIIIIII

4" Square Boxes – *For Non-Metallic Sheathed Cable*

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Bar Code
7232RAC	2-5/8" Deep, 32.0 Cu. In. (524.3 cm3), Nails	10	8	IIIIIIII

Accessories

Cat. #	Description	Std. Pkg.	Bar Code
978	Far-side Box Support	50	—
980	BOX-LOC Metal Stud Clip	50	IIIIIIII

See end of section (Pg A104) for detailed drawings »

Round Cable Ceiling Boxes with Captive Nails

Non-Metallic Cable Boxes

Applications

- RACO® Non-Metallic cable boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring system 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® Non-Metallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping 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

Compliance

- UL LISTED
- 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



7119RAC



7919RAC



7823RAC



7824RAC

Round Ceiling Boxes

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Recommended Max. Support Loads		Bar Code
				Ceiling Fan (Dynamic)	Fixture Lbs (Static)	
3-1/2" – *With Captive Nails, For Non-Metallic Sheathed Cable*						
7119RAC	2-5/8" Deep, 18.0 Cu. In. (294.9 cm3), 1/2" Setback, Nails	4	75	—	50	IIIIIIII
7919RAC	2-5/8" Deep, 18.0 Cu. In. (294.9 cm3), 1/2" Setback, Nails, Ground Plate	6	75	—	50	IIIIIIII
4" – *With Captive Nails, For Non-Metallic Sheathed Cable*						
7823RAC	2-3/8" Deep, 20.0 Cu. In. (327.7 cm3), Ground Plate, 3/8" Setback, Nails	4	75	—	50	IIIIIIII
7824RAC	2-3/8" Deep, 20.0 Cu. In. (327.7 cm3), 3/8" Setback, Nails	4	75	—	50	IIIIIIII

See end of section (Pg A105) for detailed drawings »

Non-Metallic Cable Boxes

Applications

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

Product Features

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

Standard Material

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

Compliance

- UL LISTED
- All versions of RACO 7120 are UL approved for Non-Metallic 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



7307



7907



7307



7907



7120VB SADDLE-BOX®



7120 SADDLE-BOX®



7120-1 SADDLE-BOX®

Round Ceiling Set-up

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Recommended Max. Support Loads		Bar Code
				Ceiling Fan (Dynamic)	Fixture Lbs (Static)	
3-1/2" – *For Spanning from Joist to Joist for Non-Metallic Sheathed Cable*						
7307*	2-5/8" Deep, 18.0 Cu. In. (294.9 cm3), 1/2" Setback, Nails	4	25	—	10①	IIIIIIII
7907*	2-5/8" Deep, 18.0 Cu. In. (294.9 cm3), 1/2" Setback, Adj. 14-3/4" - 22-1/2", w/Ground Plate	4	25	—	10①	IIIIIIII
4" – *For Spanning from Joist to Joist for Non-Metallic Sheathed Cable*						
7826RAC	2-3/8" Deep, 20.0 Cu. In. (327.7 cm3), Adj. 14-3/4" - 22-1/2"	6	25	—	10①	IIIIIIII
7825	2-3/8" Deep, 20.0 Cu. In. (327.7 cm3), Adj. 14-3/4" - 22-1/2", w/Ground Plate	6	25	—	10①	IIIIIIII

① *10 Lbs. max. load recommended UL Rated for 50 Lbs. on 16" centers.*

Saddle-Box® 4" Round Ceiling Fan & Fixture Box – *For Non-Metallic Sheathed Cable or Conduit*

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Recommended Max. Support Loads		Bar Code
				Ceiling Fan (Dynamic)	Fixture Lbs (Static)	
7120VB	12.5 Cu. In. (204.8 cm3)	4	24	70	210	IIIIIIII
7120*	12.5 Cu. In. (204.8 cm3)	4	20*	70	210	IIIIIIII
7120-1	12.5 Cu. In. (204.8 cm3)	4	24	70	210	IIIIIIII

*Notes: * Packaged in a stackable, individual chipboard display cartons.*

See end of section (Pg A105) for detailed drawings »

Non-Metallic Shallow Cable Boxes

Applications

- RACO® Non-Metallic cable boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring system or devices
- Accommodate wiring devices such as switches and receptacles
- Great for use in trailer applications

Product Features

- RACO® Non-Metallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping 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 Material

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

Compliance

- c UL us LISTED
- Federal Manufacturer's number 28488



7322-OW

1-Gang Shallow Trailer Box – *For Non-Metallic Sheathed Cable*

Cat. #	Description	Std. Pkg.	Bar Code
7322-OW	1-3/4" Deep, 16.0 Cu. In. (262.1 cm3), Old work wings	50	IIIIIIII

Non-Metallic Cable Boxes

Applications

- Vapor barrier boxes prevent unwanted penetration of exterior air and help maintain the existing interior environment from elements outside of the structure
- RACO® Non-Metallic vapor barrier cable boxes provide the installer with a cost alter-native that is lightweight and easy to install
- RACO® Non-Metallic 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 system or devices

Product Features

- Self-clamping wire entry clamps
- 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
- Hands free installation
- For 1/2", 5/8", or 3/4" drywall
- Unique saddle design straddles standard joists - 7120VB
- 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

Compliance

- c UL us LISTED



2011FBAR



2022FBAR



2023FBAR

NEW



82024FBAR



2028FBAR



7120VB SADDLE-BOX®

NEW



87121VB

Vapor Barrier Cable Boxes

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Bar Code
2011FBAR	1 Gang, 2-3/4" Deep, 18.0 Cu. In. (294.9 cm3), 1/2" Setback	4	50	IIIIIIII
2022FBAR	2 Gang, 2-3/4" Deep, 35.2 Cu. In. (576.8 cm3), 1/2" Setback	8	50	IIIIIIII
2023FBAR	3 Gang, 2-3/4" Deep, 52.6 Cu. In. (862 cm3), 1/2" Setback	12	25	IIIIIIII
82024FBAR	4 Gang, 2-3/4" Deep, 68.0 Cu. In., 1/2" Setback	12	12	IIIIIIII

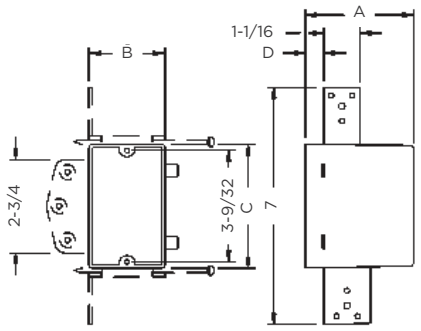
4" Round Vapor Barrier Cable Box – *For Ceiling*

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Recommended Max. Support Loads		Bar Code
				Ceiling Fan (Dynamic)	Fixture Lbs (Static)	
2028FBAR	2-5/8" Deep, 28.1 Cu. In. (460.5 cm3), 1/2" Setback	4	40	—	50	IIIIIIII
7120VB*	2-5/8" Deep, 12.5 Cu. In. (204.8 cm3), 1/2" Setback	4	24	70	210	IIIIIIII
87121VB	4" Round Ceiling Fan and Fixture Vapor Barrier Box	4	6	70	90	IIIIIIII

*Notes: *Not UL Listed.*

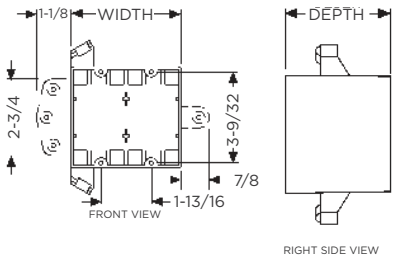
Detailed Drawings

Non-Metallic Cable Boxes



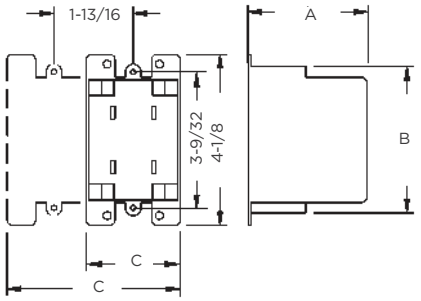
Non-Metallic Outlet Boxes

Catalog Number	A	B	C	D
7302RAC	2-3/4”	2-1/4”	3-19/32”	1/2"
7820RAC	3-3/16”	2-1/4”	3-19/32”	1/2"
7873RAC	3-1/2”	2-1/4”	3-19/32”	1/2”
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”
7848RAC	2-27/32”	2-1/4”	3-19/32”	5/8”
7874RAC	3-3/16”	2-1/4”	3-19/32”	5/8”



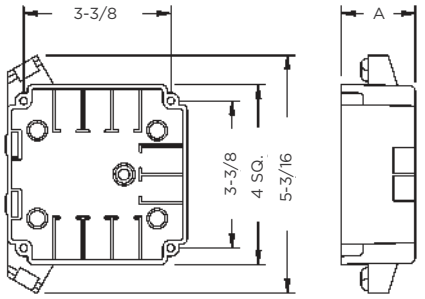
Multi-Gang Outlet Boxes

Catalog Number	Gang	Width	Depth
7835RAC	2	4”	2-29/32”
7645RAC	4	7-5/8”	2-5/8”
7846RAC	3	5-7/8”	2-3/4”
7848RAC	2	4”	3-31/32”
7874RAC	3	8-7/16”	3-31/32”



Old Work Non-Metallic Outlet Boxes

Catalog Number	Gang	A	B	C
7887RAC	1	2-29/32”	3-1/8”	2-1/4”
7488RAC	2	2-3/4”	4”	3"



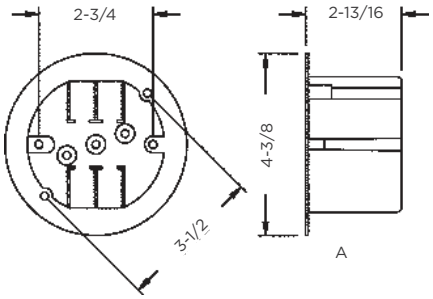
4” Square With Captive Nails for Metal or Wood Studs

Catalog Number	A (Depth)
7220RAC	1-5/8”
7232RAC	2-5/8”

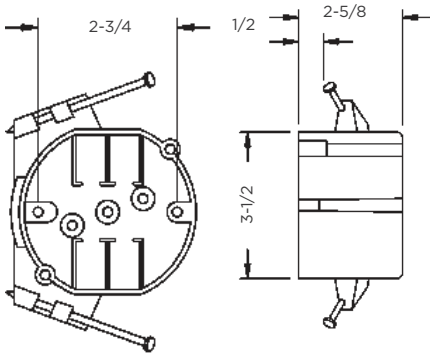
Detailed Drawings

Non-Metallic Cable Boxes

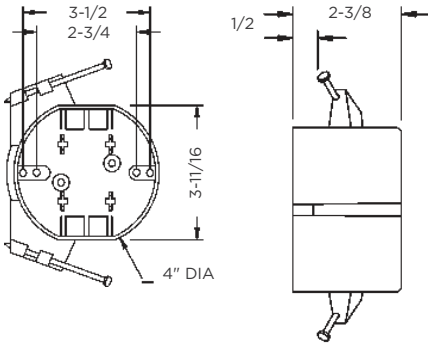
Catalog No's 7122RAC, 7922RAC



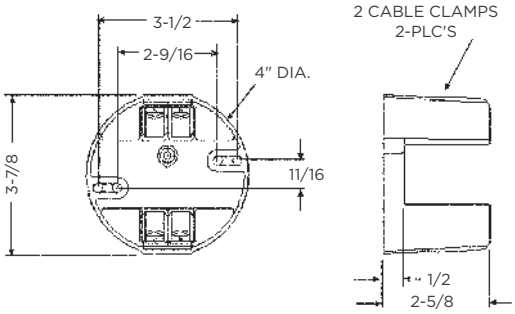
Catalog No's 7119RAC, 7919RAC



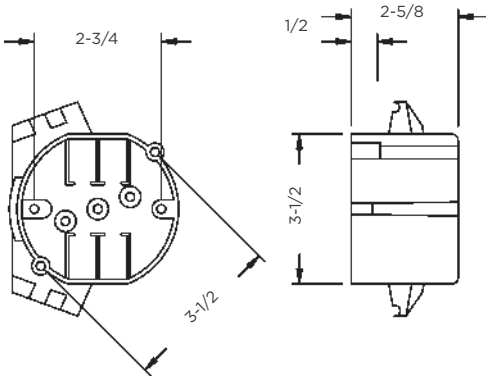
Catalog No's 7823RAC, 7824RAC



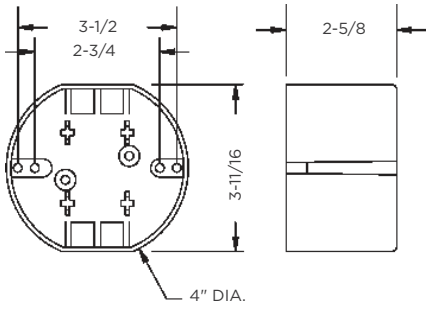
Catalog No's 7120, 7120-1, 7120VB



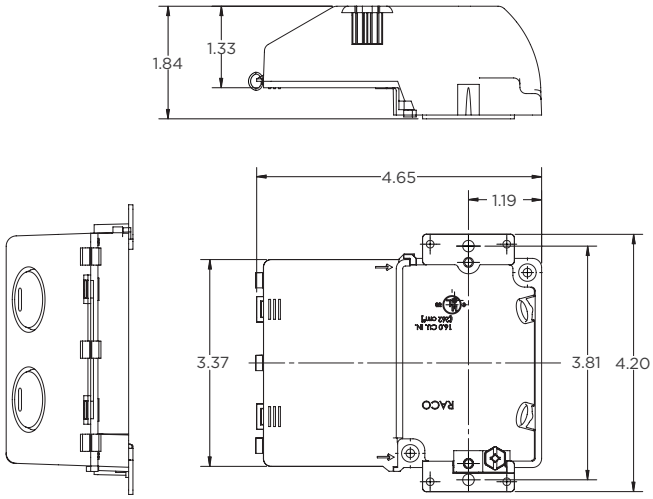
Catalog No's 7307, 7907



Catalog No's 7825, 7826RAC



Catalog No's 7322, 7322-OW



Floor Boxes

General Information

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 Features

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

- Non-Metallic 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
- Non-Metallic floor box covers and carpet flanges are made of high strength thermoplastic (ABS)

Standard Finishes

- Natural gray finish on non-metallic floor box
- Non-Metallic floor box covers and carpet flanges are available in gray powder coat paint finish
- 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
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- 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

General Information

Standards, 2023 National Electrical Codes®

Summary of the Most Often Requested Sections of the 2020 National Electrical Code®	How RACO® Products Help Complete the Installation
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.	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.
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. Exception (c): Floor boxes designed for and listed as providing satisfactory ground continuity between the box and the device.	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.
314.27(B) 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.	Only boxes that are UL Listed for the application may be fastened into the floor.
800.133 (A) (3) 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.	This section 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.

Quick Selection Guide

Nonadjustable Floor Box System



6249
Brass Duplex Cover w/Lift Lids



6284
Brass Duplex Cover w/Plugs

6209 or 6225



6285, 6287
Brass Cover w/ Combination Plugs



6230, 6235
Brass Carpet Flange



6224 or 6223
W/o cover Cast Iron Floor Box

Fully Adjustable Floor Box System

Round Floor Box

6208 or 6226

6209 or 6225



6249
Brass Duplex Cover w/Lift Lids



6284
Brass Duplex Cover w/Plugs



6285, 6287
Brass Cover w/ Combination Plugs



6230, 6235
Brass Carpet Flange



6223
Clear Polycarbonate Carpet Flange



6255, 6257*
Stamped Steel



6261, 6263*
Cast Iron

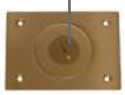
Rectangular Floor Box

6209 or 6225

6209 or 6225



6250
Brass Duplex Cover w/Lift Lids



6289, 6291
Brass Cover w/ Combination Plugs



6292, 6295
Clear Polycarbonate or Solid Brass Carpet Flange



6293
Solid Brass Carpet Flange



6294
Solid Brass Carpet Flange



6256, 6258*
Stamped Steel Single-Gang



6262, 6264*
Cast Iron Single-Gang



6269*
Cast Iron Two-Gang



6275*
Cast Iron Three-Gang

** 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

6209 or 6225



6249
Brass Duplex Cover w/Lift Lids



6284
Brass Duplex Cover w/Plugs



6285, 6287
Brass Cover w/ Combination Plugs



6268
Non-Metallic Duplex Cover w/Lift Lids



6298
Brass Tile/Flush Flange



6235
Brass Carpet Flange



6233
Clear Polycarbonate Carpet Flange



6244
Adapter



6234
(Optional)*
Low Voltage Divider



6244
Adapter



RAC5500 Kit
Brass Carpet Flange



6299, 6280
Non-Metallic or Brass Duplex Cover w/Lift Lids



5511
PVC Floor Box



5574
(Optional)* "Y" Adapter

**Non-Metallic Box – Multi-Service Option: A voltage separation unit allows the non-metallic box to be used for telephone/data service as well as power. As shown, the unit 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.

For Concrete Pour - Non-Metallic

Applications

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

General Features

- RACO® Non-Metallic 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® Non-Metallic 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 - 19.6 cubic inches plus 2.40 cubic inches per inch of tube

Compliance

- c UL us LISTED



5511



6234



6244

Round Floor Box Cover and Accessories – *Non-Metallic*

Cat. #	Description	Std. Pkg.	Bar Code
5511	19.5 Cu. In. Capacity per Inch of Height, 2 - 1" and 3/4" Openings	1	—
6234	Voltage Separation Unit, Optional	4	—
6244	Adapter Ring for all Non-Metallic and Brass Flanges	10	—

Floor Box Kits, Covers and Flanges

Non-Metallic / Round



6299



6268

Applications

- RACO® Non-Metallic floor box covers and flanges provide a quick, simple method of completing floor box installation on carpeted floor

Product Features

- RACO® Non-Metallic carpet flanges and covers are available in gray or in 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 provided 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 communication cable NOTE: Brass cover is not 3-service

Compliance

- c UL us LISTED

Floor Box Cover Assembly Kits – *Non-Metallic*

Cat. #	Description	Carpet Flange O.S.Dia.	Std. Pkg.	Bar Code
6299	Adapter, Non-Metallic Gray Carpet Flange, Gray Duplex Cover - Kit	6-1/2"	10	IIIIIIII

Replacement Covers and Carpet Flanges – *Non-Metallic*

Cat. #	Description	Carpet Flange O.S.Dia.	Std. Pkg.	Bar Code
6268	Gray Non-Metallic Duplex Cover with Lift Lids	—	10	—

Floor Box Covers and Flanges



RAC5500KIT



6280



6249



6284



6285, 6287



6230



6298

Applications

- 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 6244
- 6230 is not designed to work with RACO 5511 non-metallic floor box
- 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 non-metallic adapter ring (if round 5511 non-metallic box is used)
  3. Install device to box or 6244 adapter
  4. Install carpet or tile flange
  5. Install cover to carpet or tile flange

Compliance

- c UL us LISTED

Round, Solid Brass Floor Box Cover Kit

Cat. #	Description	Carpet Flange O.S. Diameter	Std. Pkg.	Bar Code
RAC5500KIT	Round, Brass Cover Kit	6-1/4"	10	IIIIIII
6280	Brass Carpet Flange, Adapter and Duplex Cover Kit	6-1/2"	10	IIIIIII

3-7/8" Dia., Round Covers – *Brass*

Cat. #	Description	Std. Pkg.	Bar Code
6249	Brass Duplex Cover with Lift Lids	40	IIIIIII
6284	Brass Duplex Cover with 2, 1-1/2" Threaded Plugs	40	IIIIIII
6285	Brass Cover with 2-1/8" x 1" Combination Plugs	40	IIIIIII
6287	Brass Cover with 2-1/8" x 3/4" Combination Plugs	40	IIIIIII

Carpet Flanges

Cat. #	Description	Carpet Flange O.S. Diameter	Std. Pkg.	Bar Code
6230	Brass Carpet Flange, Mop-tight	5-1/4"	10	IIIIIII

Tile Flange

Cat. #	Description	Tile Flange O.S. Diameter	Std. Pkg.	Bar Code
6298	Brass Tile/Flush Application Flange	4-3/16"	15	IIIIIII

For Wood Sub Floors

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® 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

- c UL us LISTED



6224



6223

Duplex Receptacle Assembly

Cat. #	Threaded / Hubs		Cubic Inches	Std. Pkg.	Bar Code
	Side	Bottom			
6224	—	2-1/2"	18.5 (303.1 CM^3)	4	IIIIIIII

Floor Box

Cat. #	Threaded / Hubs		Cubic Inches	Std. Pkg.	Bar Code
	Side	Bottom			
6223	—	2-1/2"	18.5 (303.1 CM^3)	4	IIIIIIII

Floor Box Assemblies with USB Ports



NEW!



6239ACBP



6239ACNI



6239ACBK

Applications

- Place power and charging on wood floor for lighting, entertainment and mobile devices

Product Features: 6239CBP, 6239CNI and 6239CBK

- High power USB ports: one Type A and one Type C
- 15A, 125V tamper resistant receptacle
- Removable neoprene gaskets allow for independent use of either side of the receptacle with cover closed
- Recessed receptacle minimizes plug protrusion

Compliance

- c UL us LISTED

Round, Recessed Floor Boxes – *Brass, Nickel or Black Finish*

Cat. #	Description	Cubic Inches	Std. Pkg.	Bar Code
6239ACBP	Round, Brass Finish	28.0 (458.9 cm3)	1	050169993545
6239ACNI	Round, Nickel Finish	28.0 (458.9 cm3)	1	050169993231
6239ACBK	Round, Black Finish	28.0 (458.9 cm3)	1	050169993224

For Wood Sub Floors

Floor Box Assemblies



6500BR-5



6500NI-5



6239BP



6239NI, 6239SS



6239BK



6RF151SR

Applications

- Floor box kits are used to complete floor box installations on either carpet, tile, or wood floors

Product Features: 6236 and 5236

- Back wiring - clamp type terminals accept up to #10 wire
- 15A, 125V tamper resistant receptacle
- Brass finish cover plate is .058" thick, and 2-3/4" wide x 4-1/2" long
- 6236 includes 3-1/2" deep box

Product Features: 6500BR ANS 6500NI

- Contains low profile, 15A 125V tamper resistant receptacle

Product Features: 6239BP, 6239NI, 6239SS and 6239BK

- Can be used for power/data
- 15A, 125V tamper resistant receptacle
- Removable neoprene gaskets allow for independent use of either side of the receptacle with cover closed
- Recessed receptacle minimizes plug protrusion

Product Features: 6RF1515R

- Has solid brass cover and flange
- 15A, 125V tamper resistant receptacle
- Self-leveling, easy screw fastening

Compliance

- c UL us LISTED

Rectangular, Metallic Floor Box Kit – *Brass Finish or Nickel Finish Cover Plate*

Cat. #	Knockouts / Hubs		Cubic Inches	Std. Pkg.	Bar Code
	Side Conduit	Side Conduit			
6500BR-5	2 - 1/2"	4 - 1/2"	18.5 (303.1 cm3)	5	IIIIIIII
6500NI-5	2 - 1/2"	4 - 1/2"	18.5 (303.1 cm3)	5	IIIIIIII

Round, Recessed Floor Boxes – *Brass, Nickel, Stainless or Black Finish*

Cat. #	Description	Cubic Inches	Std. Pkg.	Bar Code
6239BP	Round, Brass Finish	28.0 (458.9 cm3)	10	IIIIIIII
6239NI	Round, Nickel Finish	28.0 (458.9 cm3)	10	IIIIIIII
6239SS	Round, Stainless Steel Finish	28.0 (458.9 cm3)	10	IIIIIIII
6239BK	Round, Black Finish	28.0 (458.9 cm3)	10	IIIIIIII
6RF151SR	Round, Drop-in, Brass	16.0 (262.1 cm3)	10	IIIIIIII

Replacement Plug for Floor Box Assemblies

Cat. #	Description	Std. Pkg.	Bar Code
RP6239BP	Replacement Plug for 5236/6236	50	IIIIIIII
RP6500BR	Replacement Plug for 6500BR-5	50	IIIIIIII
RP6500NI	Replacement Plug for 6500NI-5	50	IIIIIIII

Floor Box Covers and Flanges



6250



6288



6289



6292, 6295



6294

Applications

- RACO® 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

Compliance

- c UL us LISTED

Rectangular Floor Box Covers – *Brass*

Cat. #	Description	Std. Pkg.	Bar Code
6250	Brass Duplex Cover with Lift Lids	40	IIIIIIII
6288	Brass Duplex Cover with 2, 1-1/2" Threaded Plugs	40	IIIIIIII
6289	Brass Cover with 2-1/8" x 1" Combination Plugs	40	IIIIIIII

Rectangular Carpet Flanges – *Polycarbonate and Brass*

Cat. #	Description	Std. Pkg.	Bar Code
6292	1-Gang, Brass	20	IIIIIIII
6295	1-Gang, Clear Polycarbonate	10	IIIIIIII
6294	3-Gang, Brass	10	IIIIIIII

Brass

Accessories and Replacement Covers



6209



6226



RP6236BP

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

Fully Adjustable Floor Box – *Stamped Steel*

Cat. #	Description	Thread Type	Fits RACO Brass Cover	Std. Pkg.	Bar Code
6209	3/4" Crowned, Slotted Plug	—	6287, 6291	30	IIIIIIII
6226	1-1/2" Flush Slotted Plug	Fine	6284, 6288	25	IIIIIIII

Replacement Plugs

Cat. #	Description	Std. Pkg.	Bar Code
RP6236BP	Replacement Plug for 5236/6236	50	—

Service Pedestals and Accessories



6300, 6301



6310



6313

Service Pedestals Applications

- RACO® above-the-floor pedestals satisfy most service requirements
- These are 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 face plates

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

Low-profile Service Pedestal Housing – *Single Service for Power or Voice/Data*

Cat. #	Description	Std. Pkg.	Bar Code
6300	Frame Housing, 3/4" Chase Nipple, w/o Plates	4	IIIIIIII
6301	Frame Housing, 1" Chase Nipple, w/o Plates	4	IIIIIIII

Face Plates

Cat. #	Description	Std. Pkg.	Bar Code
6310	Rectangular Cover Flange	25	IIIIIIII
6313	Duplex Receptacle Plate	25	IIIIIIII

Voice/Data Combinations

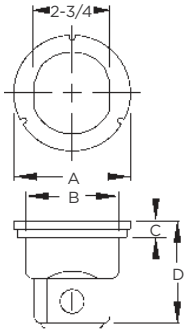
Max. # of Receptacles	Description	Plate(S) Qty.	Required RACO Cat.#
1	Duplex Jack Outlet	1	**6313, 6310**
1	Decorator Style of Telephone Outlet	1	**6314, 6310**
2	Decorator Style of Telephone Outlet	2	**6314**
0	Bushed Opening	1	**6311, 6310**

Power Combinations

Max. # of Receptacles	Description	Plate(S) Qty.	Required RACO Cat.#
2	Duplex Receptacles	2	**6313**
1	GFCI Receptacles	1	**6314, 6310**
1	Surge Duplex Receptacles	1	**6314, 6310**
2	Decorator Receptacles	2	**6314**
2	Single Receptacles	2	**6312**

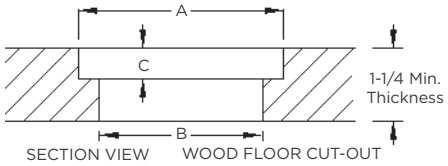
Detailed Drawings

Floor Boxes



Cast Iron Floor Boxes - *Non Adjustable*

Catalog Number	A	B	C	D
6223	4.19″	3.39″	0.59″	3.75″
6224	4.19″	3.39″	0.59″	3.75″

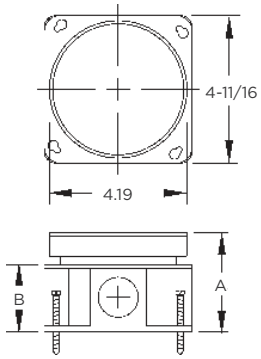


Cast Iron Floor Boxes - *Non Adjustable- Floor Cut-out Dimensions*

Catalog Number	A	B	C
6224	4.1875″	3.4375″	0.625″

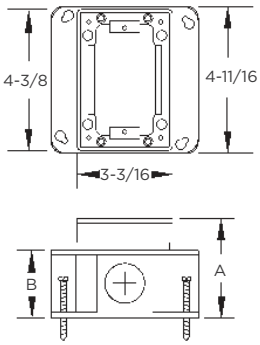
** If floor covering is used, vary counter bore depth accordingly.*

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



Round Floor Boxes - *Adjustable*

Catalog Number	A (Min.)	A (Max.)	B
6263	2.86″	3.19″	1.69″

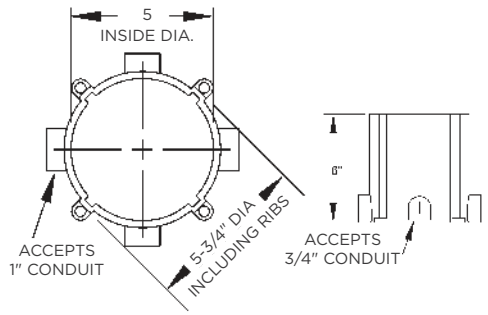


1-Gang Floor Boxes - *Adjustable*

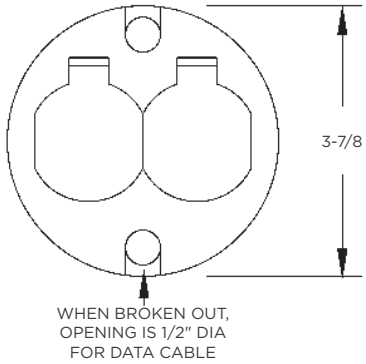
Catalog Number	A (Min.)	A (Max.)	B
6256	3.90″	4.28″	2.83″

Floor Boxes

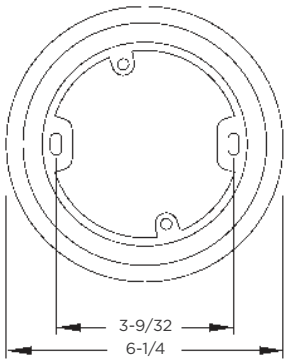
Non-Metallic Floor Box



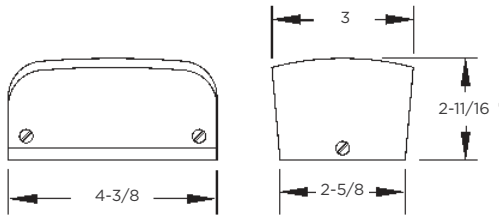
Replacement Covers



Replacement Carpet Flanges



Service Pedestal



Notes

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Notes

Notes

Table of Contents





EMT Fittings



Liquidtight Conduit & Cord Connectors



Nonmetallic Sheathed Cable Connectors

RACO® Commercial Fittings

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

Standards, 2020 National Electrical Code®

General Information

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

Product Features: Raco® Fittings

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

Standards

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

RACO® fittings generally conform to Federal Specifications and Standards A-A-50552, A-A-50553A, A-A-50563A, NEMA FB1, U.L. 467, U.L. 514B, and CSA Standard C22.2 no.18.3.
Note: ANSI Standard C80-4 has been cancelled and replaced by NEMA FB1.

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

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

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

NEMA® Member

Set Screw Connectors - Steel

Applications

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

Product Features

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

Compliance

1/2" - 2"

- Standard 514B
  C22.2 # 18

2-1/2" - 4"

- Standard 514B
  UL Listed E195969,
  E195970



Insulated Connectors



Uninsulated Connectors

Compression Connectors – *Steel*

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

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

Set Screw Couplings - Steel

Applications

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



Couplings

Product Features

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

Compliance

1/2" - 2"

- Standard 514B
  C22.2 # 18

2-1/2" - 4"

- Standard 514B
  UL Listed E195969,
  E195970

Set Screw Couplings – *Steel*

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

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

Compression Connectors - Steel

Applications

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



Insulated Throat Connectors



Uninsulated Throat Connectors

Product Features

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

Compliance

1/2” - 2”

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

Compression Connectors – *Steel*

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

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

Compression Couplings - Steel

Applications

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

Product Features

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

Compliance

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



Couplings

Compression Couplings – *Steel*

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

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

Raintight Compression Connectors - Steel

Applications

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

Product Features

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

Compliance

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



Insulated Connectors



Uninsulated Connectors

Compression Connectors, Raintight – *Steel*

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



2903RTE

Compression Connectors, Raintight, Extended Thread – *Steel*

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

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

Raintight Compression Couplings - Steel

Applications

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

Product Features

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

Compliance

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



Couplings

Compression Couplings – *Steel*

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

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

Set Screw Connectors - Die-Cast

Applications

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

Product Features

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

Compliance

- File E195970



Insulated Connectors



Uninsulated Connectors

Set Screw Connectors – *Die Cast Zinc*

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

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

Set Screw Couplings And Offsets - Die-Cast

Couplings And Offset Connectors Applications

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

Couplings Application

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

Offsets Connectors Application

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

Couplings And Offset Connectors Product Features

- Rugged metallic construction provides mechanical protection for the raceway

Couplings Product Features

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

Compliance

- File E195969
- C22.2 # 18



Couplings



Offset Connectors

Couplings – *Die-Cast Zinc*

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

3/8” Offset Connectors – *Die-Cast Zinc*

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

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

Handy Ells - Die-Cast

Applications

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

Product Features

- Cover included

Compliance

- File E195969
- C22.2 # 18



90° Handy Ells Couplings



90° Handy Ells Connectors

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

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

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

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

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

Compression Couplings - Die-Cast

Applications

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

Product Features

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

Compliance

- File E195970
- C22.2 # 18



Couplings

Compression Couplings – *Die Cast*

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

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

Compression Connectors - Die-Cast

Applications

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

Product Features

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

Compliance

- File E195970
- C22.2 # 18



Insulated Throat Connectors



Uninsulated Connectors

Compression Connectors – *Die-Cast Zinc*

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

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

Compression Offset Connectors - Die-Cast

Product Applications

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

Product Features

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

Compliance

- File E195970
- C22.2 # 18



Offset Connectors

Offset Connectors – *Die-Cast Zinc*

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

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

90˚ Short Angle Connectors - Malleable Iron

Applications

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

Product Features

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

Compliance

- Standard 514B



90˚ Short Angle Connectors

90° Short Angle Connectors – *Malleable Iron*

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

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

EMT Two-Piece Connectors And Couplings

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

Die-Cast Two-Piece Connectors Applications

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

Steel Combination Couplings Applications

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

Die-Cast Two-Piece Connectors Product Features

- Rugged metallic construction provides mechanical protection for the raceway

Steel Combination Couplings Product Features

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

Compliance

- Standard 514B



Two-Piece Connectors



EMT to Rigid Couplings Threaded/Compression

Two-Piece Connectors – *Die-Cast Zinc*

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

EMT - Rigid Couplings Threaded/Compression – *Steel*

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

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

Combination Couplings - Steel

Application

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

Product Features

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



EMT to Rigid Couplings Set Screw

Rigid/IMC or EMT Set-Screw Coupling – *Steel*

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

Combination Couplings - Malleable Iron/Die-Cast

Application

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

Product Features

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

Compliance

- File E195969
- Listed (1852 & 1853)



EMT - Flex Couplings Squeeze/Compression



EMT - Flex Couplings Screw-in/Compression



EMT - Flex Couplings Squeeze/Set Screw

EMT - Flex Couplings

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

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

Insulating Bushings - Polyethylene







2175RAC

Applications

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

Product Features

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

Compliance

- NEC Article 300.15c

Insulating Bushings – *Polyethylene*

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

Notes: Can be used on Rigid/IMC Conduit.

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

Straps - Steel

Applications

- For use in mounting EMT conduit

Product Features

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

Compliance

- Listed E195968 (2082 - 2088)



One Hole Push-on Straps



Two Hole Straps

EMT Straps

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

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

EMT Straps & Clamp Backs

Straps - Malleable And Steel

Applications

Malleable-Straps

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

Steel-Straps

- For use in mounting EMT conduit

Product Features

Malleable-Straps

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

Steel-Straps

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

Compliance

- Listed E195968, E195973
- (2252-2253)



One Hole Straps



Nail-up Straps

Straps

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

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

Clamp Backs - Malleable Iron

Applications

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

Product Features

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

Compliance

- File E195968



Clamp Backs

Clamp Backs – *Malleable Iron*

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

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

Rigid Set Screw Connectors

Set Screw Connectors - Steel

Applications

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

Product Features

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

Compliance

- Standard 514B
  UL Listed E195969



Insulated Connectors



Uninsulated Connectors

Compression Connectors – *Steel/Malleable Iron*

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

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

Set Screw Couplings - Steel

Applications

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

Product Features

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

Compliance

- Standard 514B
  UL File E195969



Couplings

Couplings – *Steel*

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

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

Compression Connectors - Steel/Malleable Iron

Applications

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

Product Features

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

Compliance

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



Insulated Connectors Steel



Uninsulated Connectors Steel



1810-1816 Uninsulated Connector Malleable Iron

Compression Connectors – *Steel/Malleable Iron*

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

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

Compression Couplings - Steel/Malleable Iron

Applications

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

Product Features

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

Compliance

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



Couplings
Steel



1830-1836
Coupling Malleable Iron

Couplings – *Steel/Malleable Iron*

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

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

Short Elbows - Malleable Iron

Applications

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

Product Features

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

Compliance

- Standard 514B



90 Degree Short Elbows

90° Short Elbows – *Malleable Iron*

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

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

Handy Ells - Die-Cast

Applications

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

Product Features

- Gasket and cover included

Compliance

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



90˚ Handy Ells Threaded Connectors



90˚ Handy Ells Threaded Couplings

90° Handy-Ells

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

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

Three-Piece Couplings - Malleable Iron

Applications

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

Product Features

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

Compliance

- UL Listed E195969



Three-piece Couplings

Three-Piece Couplings

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

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

Combination Couplings - Steel

Applications

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

Product Features

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

Compliance

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



Rigid to EMT Couplings Threaded/Compression



Rigid to EMT Couplings Set Screw

Rigid-EMT Couplings

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

Combination Couplings - Malleable Iron

Applications

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

Product Features

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



Rigid to Flex Couplings Threaded/Squeeze

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

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

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

Rigid Combination Couplings

Three-Piece Couplings - Steel

Applications

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



Three-piece Super Coupling

Product Features

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

Compliance

- UL Listed E195969

90° Short Elbows – *Malleable Iron*

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





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

Threaded Hubs - Die-Cast

Applications

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

Product Features

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

Compliance

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



Threaded Hubs Insulated

Threaded Hubs Insulated Throat - *Die-Cast Zinc*

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

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

Rigid Reducing Bushings

Reducing Bushings - Steel

Applications

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

Product Features

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

Compliance

- UL Listed E195969



Reducing Bushings

Reducing Bushings - *Steel*

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

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

Reducing Bushings - Iron

Applications

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

Product Features

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

Compliance

- UL Listed E195969



Reducing Bushings

Reducing Bushings - *Iron*

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

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

Locknuts - Steel

Applications

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

Product Features

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

Compliance

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



Locknuts (1001)



Locknuts (1002 - 1220)

Locknuts - *Steel*

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

Non-UL Locknuts - *Steel*

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

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

Bonding Locknuts - Steel

Applications

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

Product Features

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

Compliance

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



Bonding Locknuts

Bonding Locknuts - *Steel*

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

Grounding Rings - Die Cast Zinc

Applications

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

Product Features

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



Grounding Ring

Threaded Conduit Hub Grounding Ring - *Die Cast Zinc*

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

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

Rigid Sealing Locknuts

Sealing Locknuts - Steel

Applications

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

Product Features

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

Compliance

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



Sealing Locknuts

Sealing Locknuts - *Steel*

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

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

Insulating Bushings - Polypropylene

Applications

Insulating Bushings

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

Split Bushings

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

Product Features

Insulating Bushings

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

Split Bushings

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



Insulating Bushings



Universal Split Insulating Bushings



Insulating Bushings – *Polypropylene*

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

Universal Split Insulating Bushings – *Polypropylene*

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

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

Bushings - Malleable Iron

Applications

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

Product Features

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

Compliance

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



Bushings

Bushings - *Malleable Iron*

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

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

Insulated Bushings - Malleable Iron

Applications

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

Product Features

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

Compliance

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



Malleable Iron



Die-cast Zinc

Insulating Bushings – *Malleable Iron*

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

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

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

150° Insulated Grounding Bushings - Malleable Iron

Applications

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

Product Features

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

Compliance

- Standard 514B
- C22.2 #18



Insulated Grounding Bushings Lay-in Lug



Insulated Grounding Bushings Feed-thru Lug

150° Insulated Grounding Bushings

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

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

Straps - Steel

Applications

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

Product Features

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



One Hole Push-on Straps

One Hole Push-on Straps - *Stamped Steel*

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

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

Straps - Steel

Applications

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

Product Features

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



Two Hole Straps

Two Hole Push-on Straps - *Stamped Steel*

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

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

One Hole Straps - Malleable Iron

Applications

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

Product Features

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

Compliance

- C22.2 #18 LR57925
- Listed E229278



One Hole Straps

One Hole Straps - *Stamped Steel*

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

*Notes: *3/8" not Listed.*

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

Clamp Backs - Malleable Iron

Applications

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

Product Features

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

Compliance

- UL Listed E195968



Clamp Backs

Clamp Backs – *Malleable Iron*

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

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

Straight and 45˚ Connectors

Applications

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

Product Features

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

Bodies – Straight

- Malleable Iron - 3/8" to 4"

Nuts – Straight, 45˚

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

Compliance

- Standard 514B
  C22.2 #18



Insulated Steel/Malleable Iron



Uninsulated Steel/Malleable Iron

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

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



Insulated Malleable Iron



Uninsulated Malleable Iron

45° Insulated and Uninsulated – *Malleable Iron*

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

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

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

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

90˚ Connectors

Applications

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

Product Features

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

Bodies – Straight

- Malleable Iron - 3/8" to 4"

Nuts – Straight, 90˚

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

Compliance

- Standard 514B
  C22.2 #18



Insulated
Steel/Malleable Iron



Uninsulated
Steel/Malleable Iron

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

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

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

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

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

Straight and 90° Connectors

Applications

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

Product Features

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



Insulated
Die-Cast Zinc



Uninsulated
Die-Cast Zinc

Straight - Insulated and Uninsulated – Die-Cast Zinc

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



Insulated
Die-Cast Zinc



Uninsulated
Die-Cast Zinc

90° Insulated and Uninsulated – Die Cast Zinc

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

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

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

Straight, Grounding Type Connectors

Applications

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

Product Features

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

Bodies

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

Nuts

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

Compliance

- Standard 514B
  C22.2 #18



Insulated w/Ground Lug
Steel/Malleable Iron

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

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

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

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

45° Insulated Connector, Grounding Type

Applications

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

Product Features

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

Bodies

- 3/8" to 2" Malleable Iron

Nuts

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

Compliance

- Standard 514B
  C22.2 #18



Insulated w/Ground Lug
Steel/Malleable Iron

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

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

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

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

90˚ Insulated Connector, Grounding Type

Applications

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

Product Features

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

Bodies

- 3/8" to 4" Malleable Iron

Nuts

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

Compliance

- Standard 514B
  C22.2 #18



Insulated w/Ground Lug
Steel/Malleable Iron

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

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

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

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

Type B Connectors for Type B Nonmetallic Conduit - Nonmetallic

Applications

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

Product Features

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

Compliance

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



Straight Connectors
Nylon - for Type B Conduit

Straight Connectors - *Nylon*

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

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



SWIVEL-LOK Straight Position



SWIVEL-LOK 90˚ Position

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

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

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

Strain Relief Cord Connectors - Steel/Malleable Iron

Applications

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

Product Features

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

Bodies

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

Nuts

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



Straight Connectors

Straight Connectors - *Steel/Malleable Iron*

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

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

90˚ Strain Relief Cord Connectors - Steel/Malleable Iron

Applications

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

Product Features

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

Bodies

- 1/2” to 3/4” Malleable Iron

Nuts

- 1/2” to 3/4” Steel

Compliance

- UL File E195973



90˚ Connectors

90° Connectors - *Malleable Iron*

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

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

Strain Relief Cord Connectors - Nonmetallic

Applications

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

Product Features

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

Compliance

- Standard 514B
- C22.2 #18

Color Code

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



Straight Connectors
Nylon

Straight Connectors - *Nylon*

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

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

Straight Strain Relief Cord Connectors - Aluminum

Applications

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

Product Features

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

Compliance

- Standard 514B
- C22.2 #18



Straight Connectors

Straight Connectors - *Aluminum*

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

Color Code

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

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

Strain Relief Cord Connectors - Nonmetallic

Applications

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

Product Features

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

Compliance

- UL File E195969



Straight Squeeze Connectors Insulated



Straight Squeeze Connectors Uninsulated

Straight Squeeze Connectors

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

*Notes: * For 1/2" knockout.*

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

Double Bite Saddle Connectors - Malleable Iron/Steel

Applications

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



Insulated Straight Connectors



90˚ Insulated Connectors

Product Features

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

Compliance

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

Double Bite Saddle Connectors

Catalog #	Uninsulated Catalog #	Trade size	Unit Carton Qty.	Ship Carton Qty.
Straight - *Steel*				
3301DB	**2101DB**	3/8"	—	50
3302DB	**—**	1/2"	—	25
3303DB	**—**	3/4"	—	10
3304DB	**—**	1"	—	5
3305DB	**—**	1-1/4"	—	5
3306DB	**—**	1-1/2"	—	5
3308DB	**—**	2"	—	1
3310DB	**—**	2-1/2"	—	1
3312DB	**—**	3"	—	1
3314DB	**—**	3-1/2"	—	1
3316DB	**—**	4"	—	1
90° - *Steel/Malleable Iron*				
3201DB	**—**	3/8"	—	50
3202DB	**—**	1/2"	—	25
3203DB	**—**	3/4"	—	10
3204DB	**—**	1"	—	5

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

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

90˚ Squeeze Connectors - Malleable Iron

Applications

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

Product Features

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

Compliance

- UL File E195969 (excludes 3201)



90˚ Squeeze Connectors Insulated



90˚ Squeeze Connectors Uninsulated

90° Squeeze Connector, Insulated and Uninsulated – *Malleable Iron*

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

*Notes: * Trade size knockout.*

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

Straight Squeeze Connectors - Die-Cast Zinc

Applications

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

Product Features

- Rugged metallic construction ensures mechanical protection for the raceway

Compliance

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



Straight Squeeze Uninsulated

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

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

*Notes: * Trade size knockout.*

45˚ And 90˚ Squeeze Connectors - Die-Cast Zinc

Applications

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

Product Features

- Rugged metallic construction ensures mechanical protection for the raceway

Compliance

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



45˚ Squeeze Connectors Uninsulated



90˚ Squeeze Connectors Uninsulated

Squeeze Connector, Uninsulated

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

*Notes: * Trade size knockout.*

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

Screw-In Type Connectors - Die-Cast Zinc

Applications

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

Product Features

- Rugged metallic construction ensures mechanical protection for the raceway

Compliance

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



Uninsulated Screw-In Connectors

Connectors - Screw-In – *Die-Cast Zinc*

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

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

Set Screw Connectors - Die-Cast Zinc

Applications

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

Product Features

- Rugged metallic construction ensures mechanical protection for the raceway

Compliance

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



2511
Set Screw Connector



2632
Set Screw Connector

Set Screw Connector – Die-Cast Zinc

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

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

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

Clamp Type Connectors and Duplex Connectors - Die-Cast Zinc

Applications

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

Product Features

- Rugged metallic construction ensures mechanical protection for the raceway

Compliance

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



Clamp Type Connector



Duplex Connector

Connectors

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

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

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

Combination Couplings - Malleable Iron

Applications

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

Product Features

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

Compliance

- UL File E195969



Flex - Rigid Couplings

Flex to Rigid Couplings – *Malleable Iron*

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



Flex - EMT Squeeze Couplings

Flex-EMT Squeeze Couplings – *Malleable Iron*

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

Flex - EMT Application

- For use when coupling flexible metal conduit to EMT conduit

Product Features

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

Compliance

- Standard 514B
- C22.2 #18

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

Combination Couplings - Die-Cast Zinc

Applications

- Use when coupling flexible metal conduit to EMT conduit

Product Features

- Rugged metallic construction ensures mechanical protection

Compliance

- Standard 514B
- C22.2 #18



Flex - EMT Screw-In/Compression Couplings

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

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

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

Nail-Up Straps

Nail-Up Straps Application

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

Product Features

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



Nail-Up Straps

Nail-Up Straps – *Steel*

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

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

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

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

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

Uninsulated Connectors - Die-Cast Zinc

Applications

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

Product Features

- Rugged metallic construction ensures mechanical protection for the raceway

Compliance

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



Set Screw Connector



Clamp Type Connector



Squeeze Type Connector

Connectors

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

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

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

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

90˚ and Duplex Connectors - Die-Cast Zinc

Applications

- Use when coupling flexible metal conduit to EMT conduit

Product Features

- Rugged metallic construction ensures mechanical protection

Compliance

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



90˚ Squeeze Type Connector Uninsulated



Duplex Connector

Connectors

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

*Notes: * For 1/2" knockout.*

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

Strap - Steel

Applications

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

Product Features

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



One Hole Strap

One Hole Strap – *Steel*

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

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

Push-In Connectors - Steel

Applications

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

Product Features

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

Compliance

-



38RAC



40RAC

Push-in Cable Connectors – *Steel and Nylon (Bushing)*

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

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

Cable Diameter Range : 0.402" - 0.610"

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

Cable Diameter Range : 0.470" - 0.610"

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

Push-In Connectors - Steel

Applications

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

Product Features

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





3838RAC



4040RAC

One Hole Strap – *Steel*

Catalog #	Trade Size	Unit Carton Qty.	Ship Carton Qty.	Bar Code
3838RAC	3/8"	25	100	IIIIIIII
40040RAC	3/8"	25	100	IIIIIIII

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

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

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

Connectors - Screw Type Steel

Applications

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

Product Features

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

Compliance

- Listed
  UL Listed E195966



2801

Cable Connector – *Steel*

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

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

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

Metal Clad Cable Connectors

Clamp Type and Duplex Connectors - Die-Cast Zinc

Applications

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

Product Features

- Rugged metallic construction ensures mechanical protection for the raceway

Compliance

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



Clamp Type Connector



Duplex Connector

Connector

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

*Notes: * For 1/2" knockout.*

1/2" HUB SIZE FOR MC CABLE - SELECTION CHART	
CLAMP TYPE - *Part No. 2661*	**DIAMETER**
Regular Aluminum Corrugated	.277" - .375"
Aluminum Corrugated	.365" - .510"
Aluminum Smooth	.345" - .525"
Aluminum Interlocked	.455" - .575"
Steel Interlocked	.435" - .547"
DUPLEX - Part No. 2611	
Aluminum Smooth	.410" - .500"
Aluminum Interlocked	.460" - .538"
Steel Interlocked	.438" - .560"

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

Double Bite Saddle Connectors - Malleable Iron/Steel

Applications

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

Product Features

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

Compliance

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

Straight Connectors Insulated



90˚ Connectors Insulated



DOUBLE BITE Saddle Connectors

INSULATED Catalog #	UNINSULATED CATALOG #	Trade Size	Unit Carton Qty.	Ship Carton Qty.
Straight - *Steel*				
3301DB	**2101DB**	3/8"	—	50
3302DB	**—**	1/2"	—	25
3303DB	**—**	3/4"	—	10
3304DB	**—**	1"	—	5
3305DB	**—**	1-1/4"	—	5
3306DB	**—**	1-1/2"	—	5
3308DB	**—**	2"	—	1
3310DB	**—**	2-1/2"	—	1
3312DB	**—**	3"	—	1
3314DB	**—**	3-1/2"	—	1
3316DB	**—**	4"	—	1
90° - *Steel/Malleable Iron*				
3201DB	**—**	3/8"	—	50
3202DB	**—**	1/2"	—	25
3203DB	**—**	3/4"	—	10
3204DB	**—**	1"	—	5

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

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

The Insider® Connector - Thermoplastic

Applications

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

Product Features

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

Compliance

- Listed
  UL Listed E195971

US Patent 7,211,744



4714
THE INSIDER®

Nonmetallic Sheathed Cable Connector – *Thermoplastic*

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

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

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



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



Step 2: Done - Ready for cable.



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



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

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

Clamp Type - Die-Cast Zinc

Applications

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

Product Features

- Rugged metallic construction will last the lifetime of the installation

Compliance

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



2661



2711

Clamp Type Connectors

Clamp Type Cable Connector – *Die-Cast Zinc*

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

*Notes: * For 1/2" knockout.*

1/2" HUB SIZE FOR MC CABLE - SELECTION CHART	
CLAMP TYPE - *Part No. 2661*	**DIAMETER**
Regular Aluminum Corrugated	.277" - .375"
Aluminum Corrugated	.365" - .510"
Aluminum Smooth	.345" - .525"
Aluminum Interlocked	.455" - .575"
Steel Interlocked	.435" - .547"

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

Connectors - Screw Type Steel

Applications

- Use to bring overhead electrical service into buildings

Product Features

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

Compliance

- Standard 514B
  UL Listed E195972, E195973



Clamp Type for Rigid/IMC or EMT



Clamp Type for SEU Cable

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

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

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

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

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

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

Applications

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

Product Features

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

Compliance

- Standard 514B
- C22.2 #18



Aluminum



Nylon



Steel

UF Connectors, Liquid Tight

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

*Notes: * Wire sizes may vary among manufacturers.*

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

Service Entrance Cable Connectors - Die-Cast Zinc

Applications

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

Product Features

- Rugged metallic construction will last the life of the installation

Compliance

- Standard 514B
  UL Listed E195972



Connectors - Liquid Tight

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

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

*Notes: * Wire sizes may vary among manufacturers.*

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

Non-Watertight Connectors - Die-Cast Zinc

Applications

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

Product Features

- Rugged metallic construction will last the life of the installation

Compliance

- Standard 514B
  UL Listed E195972, E195971



Connectors for Oval Cable



Connectors for Oval or Round

Connectors

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

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

Straps - Steel

Applications

- For use in mounting service entrance cable

Product Features

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



One Hole Cable Strap

Straps – *Steel*

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

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

Ground Clamps - Bronze Alloy

Applications

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

Product Features

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

Compliance

- Standard 514B
  UL Listed E195975



For Bare Ground Wires



For Direct Burial in Earth or Concrete



For Bare Armored Ground Wires

Ground Clamps

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



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

Ground Clamps

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

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

Conduit Support Fittings

Conduit Hangers - Steel

Applications

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

Product Features: Hangers With Bolts

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

Compliance

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

Product Features: Hangers With Threaded Hole

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

Compliance

- UL Listed E195968



Conduit Hangers with Bolts



Conduit Hangers with Threaded Holes

Conduit Hangers

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

Beam Clamps - Steel/Malleable Iron

Applications

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

Product Features: Hangers With Bolts

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

Compliance

- UL File E195968



Beam Clamp - Steel*



Beam Clamp - Malleable Iron

Beam Clamps – *Steel/Malleable Iron*

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

*Notes: *Catalog n. 2500 is steel.*

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

Conduit Clamps - Galvanized Malleable Iron

Applications

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

Product Features

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

Compliance

- UL Listed E195968



Parallel Type



Edge Type



Right Angle Type

Conduit Clamps

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

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

Knockout Seals - Steel

Applications

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

Product Features

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

Compliance

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



Knockout Seals - One Piece



Knockout Seals - Two Piece*

Knockout Seals

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

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

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

Cable Protectors - Steel

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Applications

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

Product Features

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

Compliance

- UL File E195968



2709



2710



2712



2713

Cable Protectors – *Pre-galvanized Steel*

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

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

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

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

*** Not cULus listed.*

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

Reducing Washers - Steel

Applications

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

Product Features

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



Reducing Washers

Reducing Washers – *Steel*

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

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

Sealing Washers - Steel

Applications

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

Product Features

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

Compliance

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



Sealing Washers*

Sealing Washers* – *Steel*

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

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

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

Nipples - Die Cast Zinc

Applications for Offset Nipples

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

Product Features

- Rugged metallic construction provides mechanical protection for the conductors

Compliance

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

Applications for Uninsulated Nipples

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

Product Features

- Rugged metallic construction

Compliance

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



3/4" Offset Nipples



Uninsulated Chase Nipples

3/4" Offset Nipples – *Die-Cast Zinc*

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

Uninsulated Chase Nipples – *Die-Cast Zinc*

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

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

Duct Sealing Compound

Applications

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

Product Features

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







DS-1LB



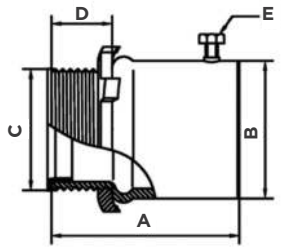
DS-5LB

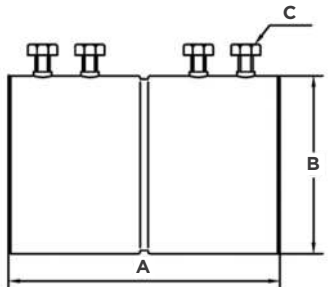
Duct Sealing Compound

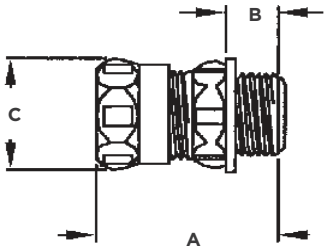
Catalog #	Trade Size	Unit Carton Qty.	Ship Carton Qty.
DS-1LB	1 LB Brick	—	30
DS-5LB	5 LB Brick	—	6

Detailed Drawings

EMT Connectors







Set Screw Connectors - *Steel*

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

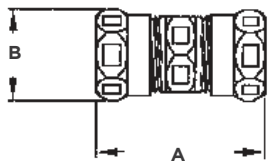
Set Screw Couplings

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

Compression Connectors

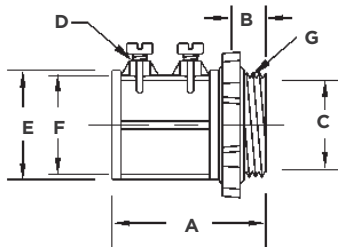
Insulated Catalog No.	Uninsulated Catalog No.	A	B	C
Steel				
2912, 2912-8	2902, 2902-8	1.58″	0.46″	1.16″
2913, 2913-8	2903, 2903-8	1.79″	0.45″	1.38″
2914, 2914-8	2904, 2904-8	1.90″	0.56″	1.64″
2915	2905	2.10″	0.65″	2.04″
2916	2906	2.25″	0.70″	2.27″
2918	2908	2.40″	0.66″	2.74″
2960	2940	2.50″	0.81″	3.62″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

EMT Connectors & Couplings



Compression Couplings - *Steel*

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



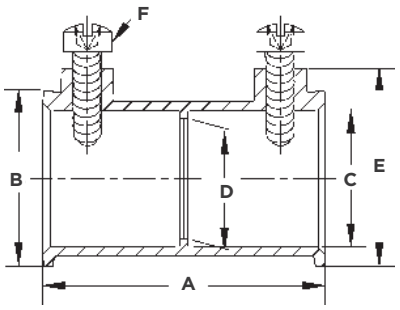
Connectors

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

A = Overall length
B = Thread length
C = Throat I.D.
D = Screw size and length
E = Body O.D.
F = Body I.D.
G = NPSM threads

Detailed Drawings

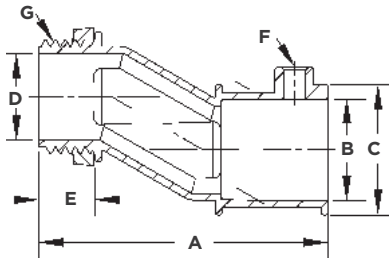
EMT Connectors & Couplings - Die Cast Zinc



Couplings

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

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



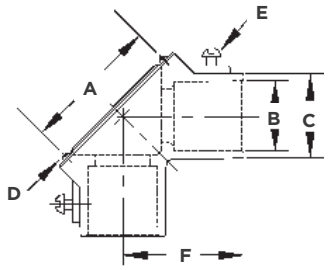
3/8" Offset Connectors

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

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

EMT Handy Ells

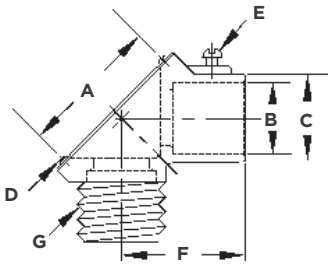
90˚ Handy Ells - Couplings



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

A = Distance between cover screws
B = I.D. of body
C = O.D. of body
D = Screw size and length
E = Set screw size
F = Length

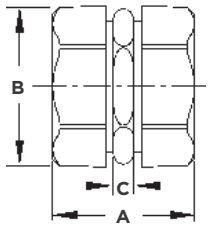
90˚ Handy Ells - Connectors



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

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

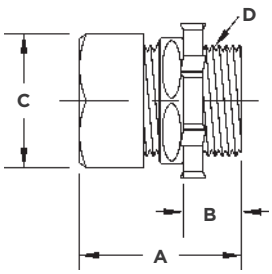
EMT Couplings & Connectors - Die Cast Zinc



Compression Couplings

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

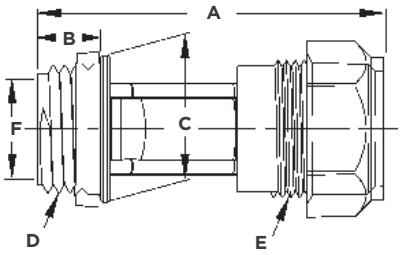
A = Overall length
B = Compression nut O.D. across flats
C = Body hex width



Compression Connectors

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

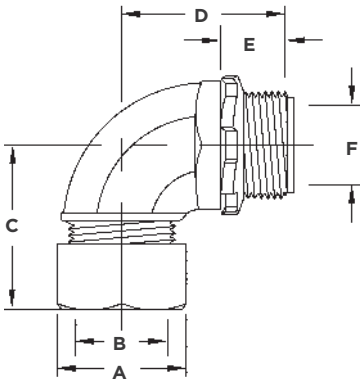
A = Overall length
B = Thread length
C = Compression nut across flats
D = Threads NPSM



Compression Offset Connectors

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

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



Malleable Iron

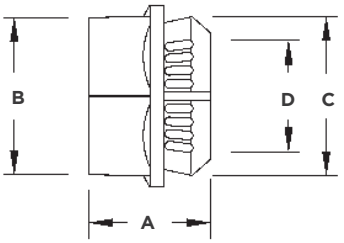
90˚ Short Angle Connectors

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

A = Compression nut O.D.
B = Compression nut I.D.
C = Length to end of nut
D = Length to end of thread
E = Thread length and thread spec.
F = Throat I.D.

Detailed Drawings

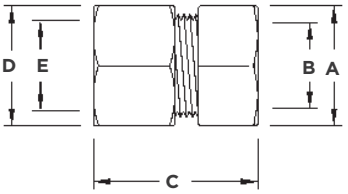
EMT Connectors & Combination Couplings



Two-Piece Connectors

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

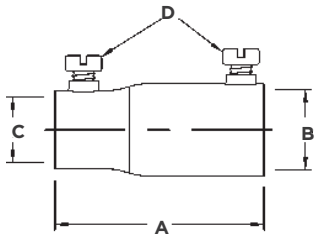
A = Overall length
B = O.D. of nut
C = O.D. of body
D = I.D. of throat



EMT - Rigid - Couplings Threaded/Compression

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

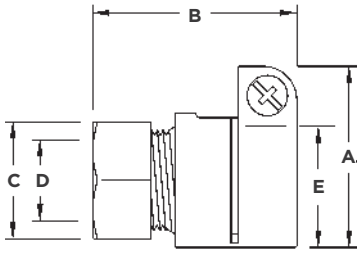
A = O.D. of hub
B = Throat I.D.
C = Overall length
D = Nut O.D.
E = Nut I.D.



EMT - Rigid Couplings Set Screw

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

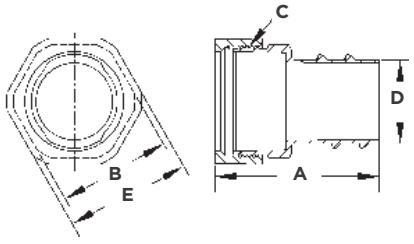
A = Overall length
B = I.D. rigid side
C = I.D. EMT side
D = Screw spec.



EMT - Flex Couplings Squeeze/Compression

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

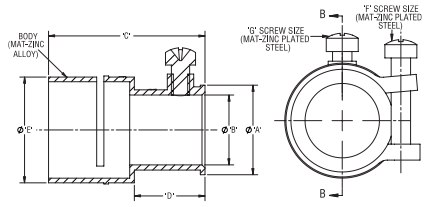
A = Width across flex side
B = Overall length
C = Nut O.D.
D = Nut I.D.
E = Clamping range (flex side)



EMT - Rigid - Couplings Threaded/Compression

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

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

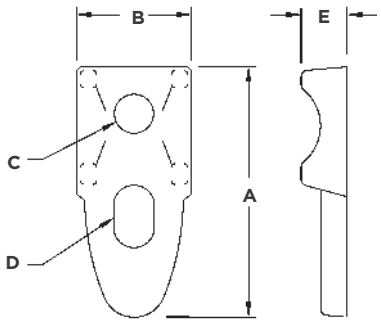


Combination Couplings

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

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

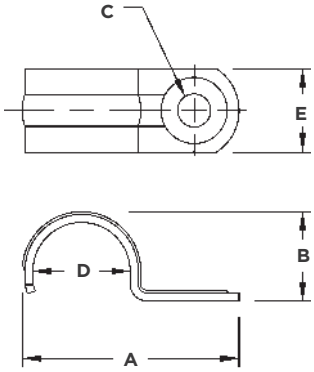
EMT Couplings & Connectors - Die Cast Zinc



Clamp Backs

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

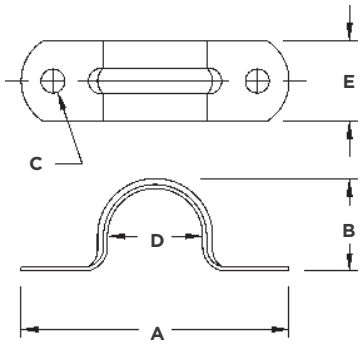
A = Overall length
B = Width
C = Hole diameter
D = Slot size
E = Height



One Hole Push-on Straps

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

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



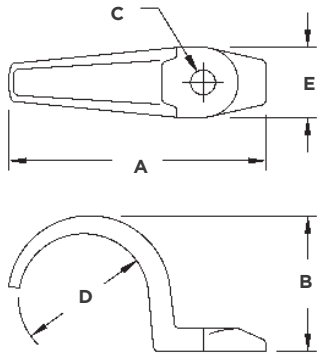
Two Hole Stamped Straps

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

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

Detailed Drawings

EMT Clamp Backs & Straps

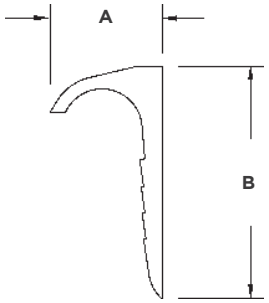


One Hole Straps

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

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

Nail-Up Straps

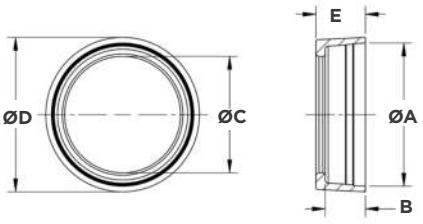


Nail-up Straps Stamped

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

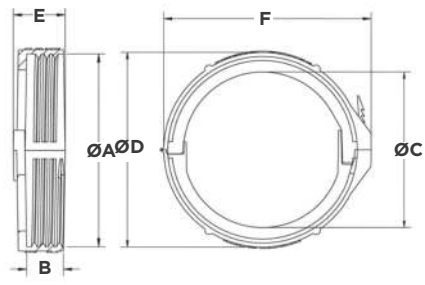
A = Width
B = Height

EMT Insulating Bushings



Insulating Bushings

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

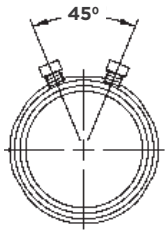


Universal Split Insulating Bushings – Polypropylene

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

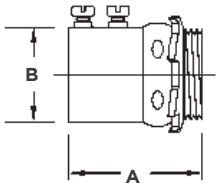
A = Thread I.D.
B = Inner thread depth
C = Throat I.D.
D = Diameter
E = Length
F = Max. width

Rigid and IMC Connectors & Couplings



2" size

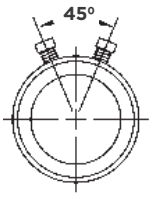
1-1/2" or smaller



single set screw

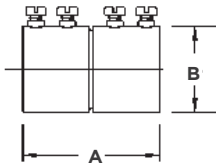
Set Screw Connectors

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



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

1" or smaller



1 - Screw Both Ends

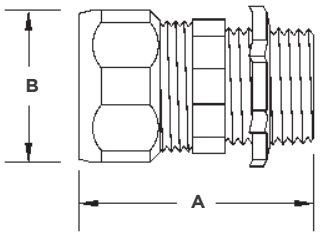
Set Screw Couplings

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

A = Overall length
B = Body O.D.

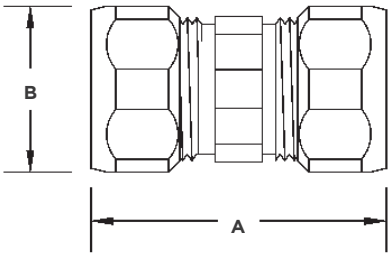
Detailed Drawings

Rigid Compression Connectors



Connectors

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

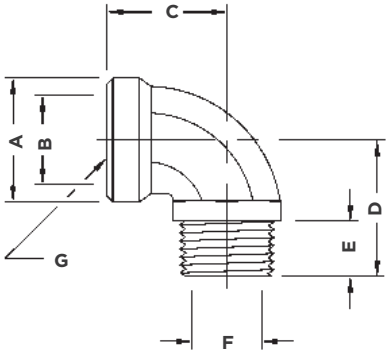


Couplings

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

A = Overall length
B = Body O.D.

Rigid Short Elbows

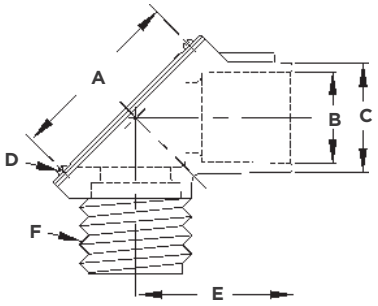


90˚ Short Elbows

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

A = Hub O.D.
B = Hub I.D.
C = Length to end of hub
D = Length to end of thread
E = Thread length
F = Throat I.D.
G = Thread spec

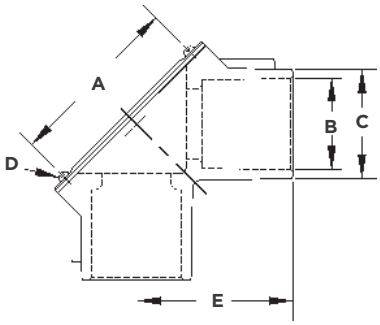
Rigid Handy Ells



90° Handy Ells Threaded - Connectors

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

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

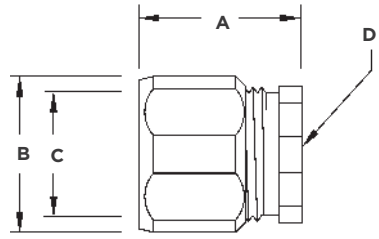


90° Handy Ells Threaded - Couplings

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

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

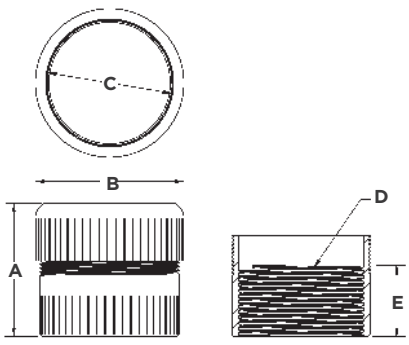
Rigid Three-Piece Couplings



Three-Piece Couplings

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

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



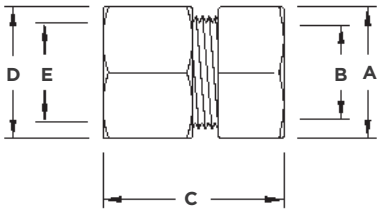
Three-Piece Super Couplings

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

A = Overall length
B = O.D. body
C = I.D. body
D = Thread Spec. Internal
E = Thread Length Internal

Detailed Drawings

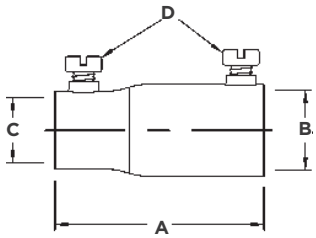
Rigid Combination Couplings



Rigid - EMT Couplings Threaded/Compression

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

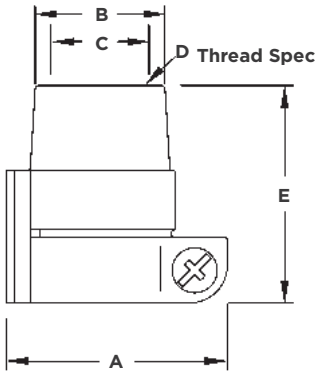
A = Nut O.D.
B = Nut I.D.
C = Overall length
D = O.D. of Hub
E = Throat I.D.



Rigid - EMT Couplings Set Screw

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

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

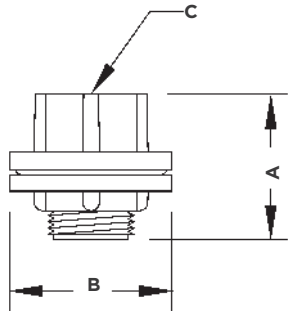


Rigid - Flex Couplings

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

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

Rigid Threaded Hubs

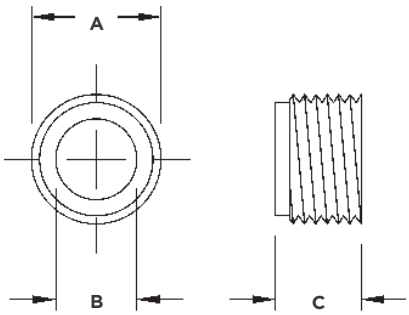


Threaded Hubs Insulated Throat

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

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

Rigid Reducing Bushings



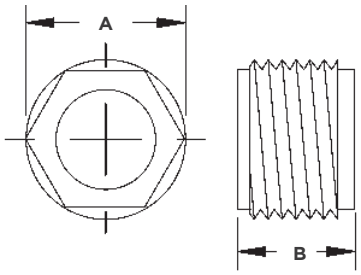
Reducing Bushings

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

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

Detailed Drawings

Rigid Reducing Bushings

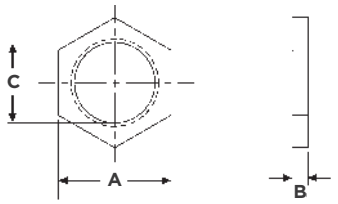


Reducing Bushings

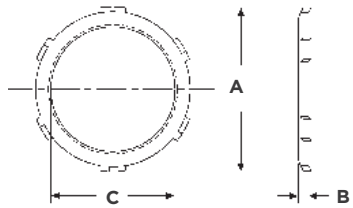
Catalog Number	A	Thread Spec.	B	Thread Spec.
1160	2-7/8″	2-1/2″- 8 NPT	1-5/16″	1-1/4″-11-1/2 NPT
1161	2-7/8″	2-1/2″- 8 NPT	1-5/16″	1-1/2″-11-1/2 NPT
1162	2-7/8″	2-1/2″- 8 NPT	1-5/16″	2″-11-1/2 NPT
1168	3-7/16″	3″- 8 NPT	1-5/16″	2″-11-1/2 NPT
1169	3-7/16″	3″- 8 NPT	1-9/16″	2-1/2″- 8 NPT
1175	4″	3-1/2″-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

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

Rigid Locknuts



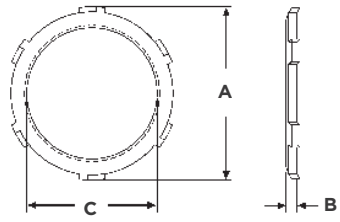
1001 only



1002 - 1024

Locknuts

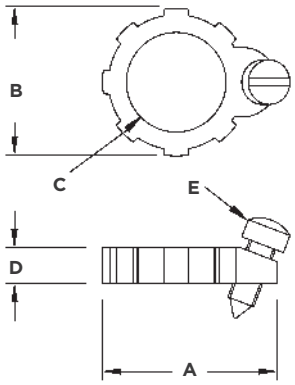
Catalog Number	A	B	C
1001	0.850″	0.125″	3/8″ - 18
1002	1.130″	0.125″	1/2″-14
1003	1.390″	0.125″	3/4″-14
1004	1.705″	0.170″	1″- 11.5
1005	2.065″	0.170″	1-1/4″- 11.5
1006	2.360″	0.170″	1-1/2″- 11.5
1008	2.860″	0.170″	2″ - 11.5
1010	3.430″	0.170″	2-1/2″ - 8
1012	4.110″	0.170″	3″ - 8
1014	4.690″	0.170″	3-1/2″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



Non-UL Locknuts

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

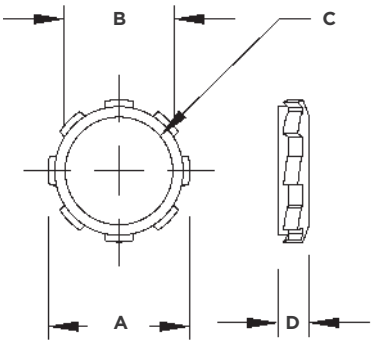
Rigid Locknuts



Bonding Locknuts

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

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



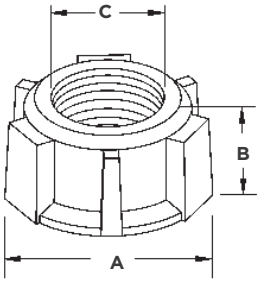
Sealing Locknuts

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

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

Detailed Drawings

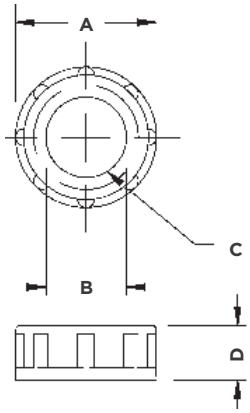
Rigid Bushings



Bushings

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

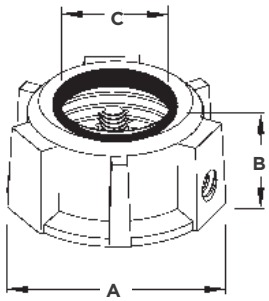
A = O.D.
B = Thickness
C = I.D.



Insulating Bushings

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

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

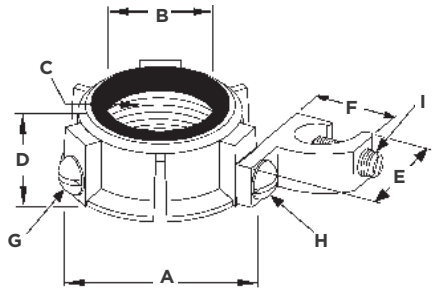


Insulated Bushings

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

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

Rigid Insulated Grounding Bushings



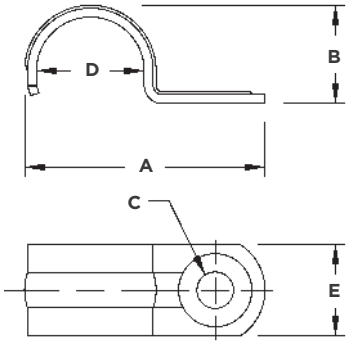
150° Insulated Grounding Bushings

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

A = O.D.
B = I.D.
C = Thread size
D = Thickness
E = Height of lug
F = Width of lug
G = Screw spec, bonding screw
H = Screw spec, screw that holds lug to bushing
I = Screw spec, screw that holds ground wire

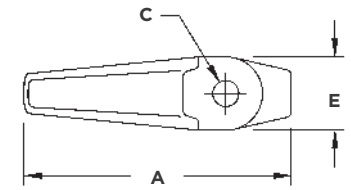
Detailed Drawings

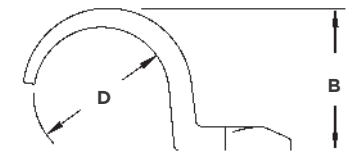
Rigid Straps



One-Hole Push-on Straps

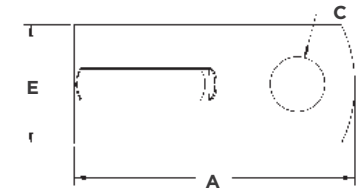
Catalog Number	A	B	C	D	E
1332	1-59/64″	7/8″	9/32″	55/64″	7/8″
1333	2-5/16″	1-3/32″	9/32″	1-1/16″	3/4″
1334	2-11/16″	1-1/4″	9/32″	1-5/16″	3/4″
1335	3-1/8″	1-5/8″	11/32″	1-5/8″	7/8″
1336	3-27/32″	1-7/8″	13/32″	1-15/16″	7/8″
1338	4-9/16″	2-7/16″	13/32″	2-3/8″	7/8″
1337	5-5/16″	3″	21/32″	2-7/8″	1-1/4″
1339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





One-Hole Straps

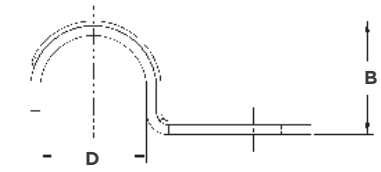
Catalog Number	A	B	C	D	E
1301	1-7/8″	25/32″	11/32″	11/16″	21/32″
1302	2-1/64″	31/32″	9/32″	27/32″	5/8″
1303	2-7/32″	1-1/32″	5/16″	1-1/16″	3/4″
1304	2-23/32″	1-5/16″	23/64″	1-5/16″	29/32″
1305	3-1/32″	1-25/32″	13/32″	1-21/32″	51/64″
1306	3-27/32″	2-5/64″	27/64″	1-29/32″	1-1/16″
1308	4-1/2″	2-35/64″	9/16″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



One-Hole Straps

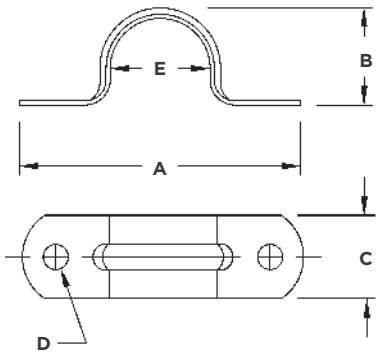
Catalog Number	A	B	C	D	E
2081	1.347″	.545″	.262″	.512″	.570″

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



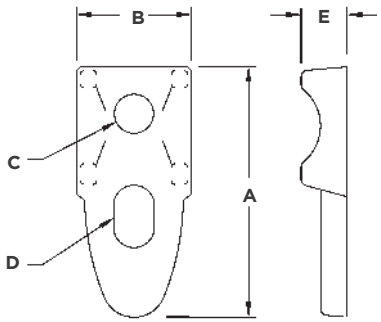
Two-Hole Straps

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



A = Overall length
B = Overall height
C = Strap width
D = Hole diameter
E = Diameter

Rigid Clamp Backs

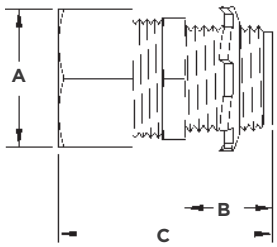


Clamp Backs

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

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

Liquidtight Conduit and Cord Connectors



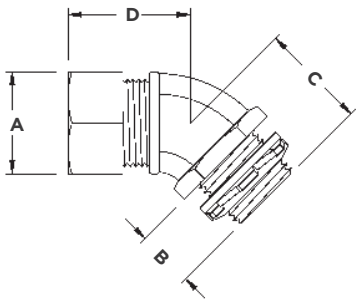
Straight Connectors

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

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

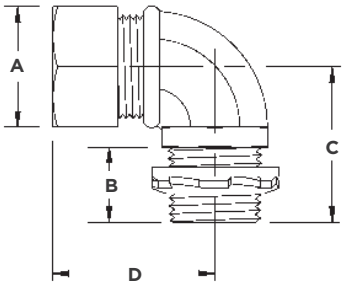
Detailed Drawings

Liquidtight Conduit and Cord Connectors



45° Connectors

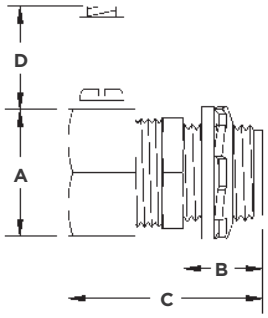
Insulated Catalog No.	Uninsulated Catalog No.	A	B	Thread Spec.	C	D
3561	**3441**	1-1/16″	17/32″	1/2″-14 NPT	1-3/8″	1-1/32″
3562	**3442**	1-3/16″	9/16″	1/2″-14 NPT	1-1/4″	1-1/16″
3563	**3443**	1-13/32″	19/32″	3/4″-14 NPT	1-21/32″	1-3/16″
3564	**3444**	1-45/64″	5/8″	1″-11-1/2 NPT	1-21/32″	1-13/32″
3565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



90° Connectors

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

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

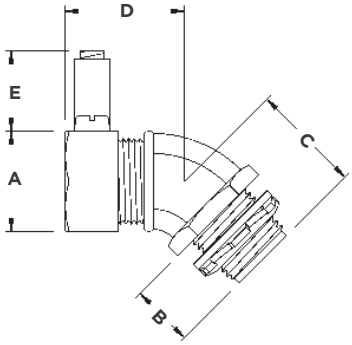


Straight Connectors with Ground Lug

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

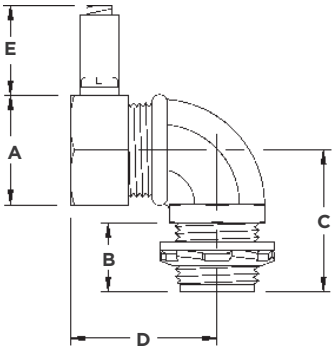
A = Nut Flats
B = Thread length and thread spec.
C = Overall length
D = Lug height

Liquidtight Conduit and Cord Connectors



45° Insulated Connectors with Ground Lug

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

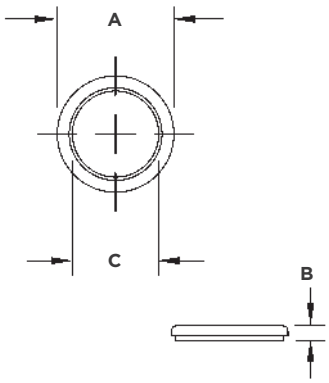


90° Insulated Connectors with Ground Lug

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

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

Sealing Washers



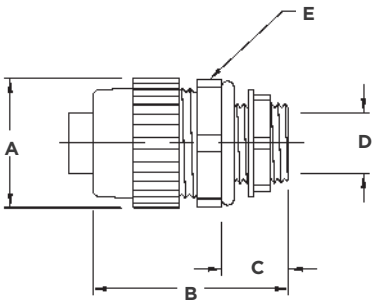
Sealing Washers - Steel

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

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

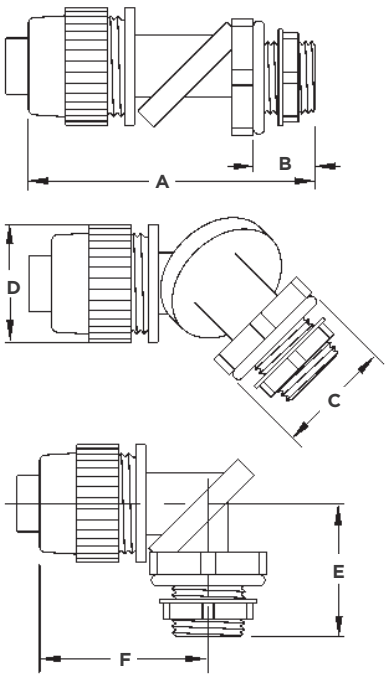
Detailed Drawings

Liquidtight Conduit and Cord Connectors



Straight Connectors - Nylon - For Type B Conduit

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



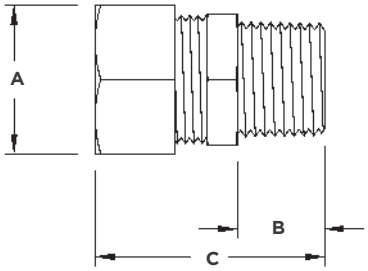
Multi Position Connectors - Nylon - For Extra Flexible Tubing

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

**A/C = Across corners*

***A/C = Across flats*

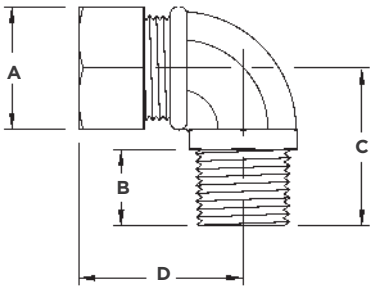
Liquidtight Conduit and Cord Connectors



Straight Strain Relief Cord Connectors

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

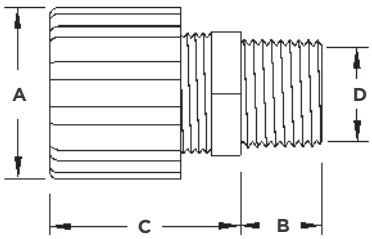
A = Nut Flats
B = Thread length and thread spec.
C = Overall Length



90˚ Strain Relief Cord Connectors

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

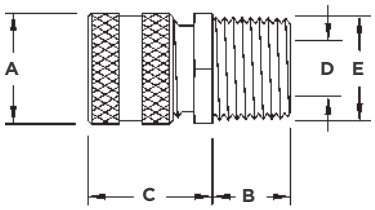
A = Nut Flats
B = Thread length and thread spec.
C = Thread to bend
D = Nut to bend



Strain Relief Cord Connectors - Nylon

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

A = Nut O.D.
B = Thread length
C = Length to shoulder
D = Throat I.D.



Straight Strain Relief Cord Connectors - Aluminum

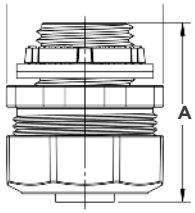
Hub Size	Form Size	A Dia.	B Ref.	C	D	E	
						A/C*	A/F**
1/2″	F1	.88″	.46″	.90″	.44″	1.00″	.88″
1/2″	F2	1.13″	.55″	1.10″	.64″	1.11″	1.00″
1/2″	F3	1.38″	.55″	1.50″	.64″	1.40″	1.25″
3/4″	F2	1.13″	.55″	1.10″	.64″	1.29″	1.13″
3/4″	F3	1.38″	.55″	1.50″	.82″	1.40″	1.25″
1″	F4	1.75″	.71″	1.60″	1.02″	1.81″	1.62″

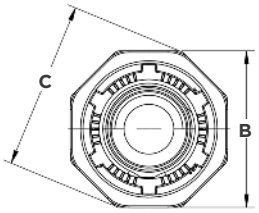
**A/C = Across corners*
***A/C = Across flats*

A = Nut O.D.
B = Thread length
C = Length to shoulder
D = Throat I.D.
E = Hex

Detailed Drawings

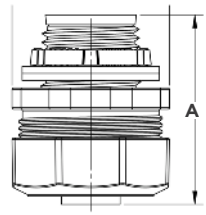
Die-Cast Zinc Liquidtight Connectors

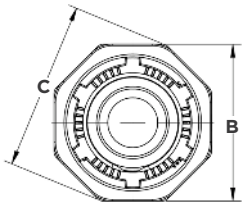




Straight Connector, Insulated

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



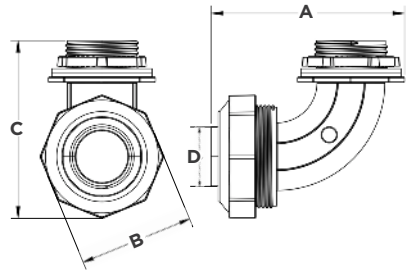


Straight Connector, Uninsulated

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

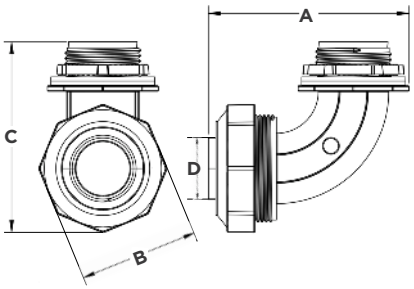
A = Overall length
B = Clamping range
C = Max. width
D = Throat I.D.

Die-Cast Zinc Liquidtight Connectors



90° Insulated

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



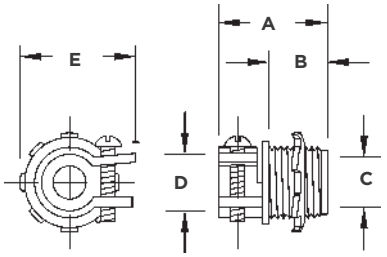
90° Uninsulated

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

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

Detailed Drawings

Flexible Metal Conduit Fittings



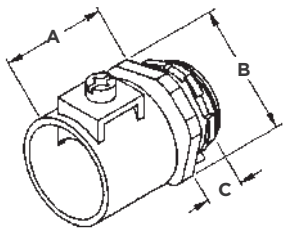
Straight Squeeze Connector, Insulated

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

Straight Squeeze Connector, Uninsulated

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

Flexible Metal Conduit Fittings



Straight DOUBLE BITE Saddle Connectors

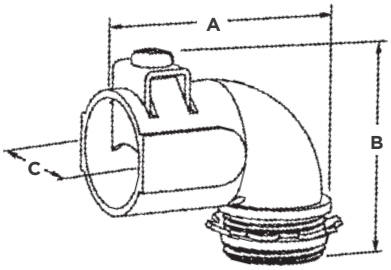
Catalog Number	A	B	C
3301DB	1-3/16″	1-1/4″	1/2″
3302DB	1-3/8″	1-1/4″	7/16″
3303DB	1-3/8″	1-7/16″	7/16″
3304DB	1-9/16″	1-13/16″	1/2″
3305DB	2-3/16″	2-1/8″	5/8″
3306DB	2-7/16″	2-1/2″	5/8″
3308DB	2-9/16″	3″	5/8″
3310DB	2-11/16″	3-5/8″	13/16″
3312DB	2-13/16″	4-1/4″	15/16″
3314DB	2-15/16″	4-3/4″	1″
3316DB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

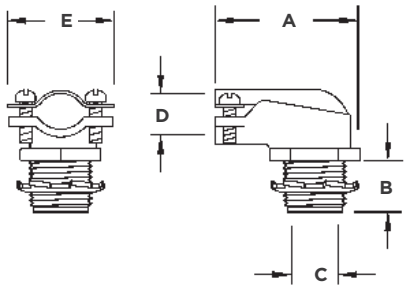
A = Overall length
B = O.D. body
C = Thread length

90˚ DOUBLE BITE Saddle Connectors

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

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





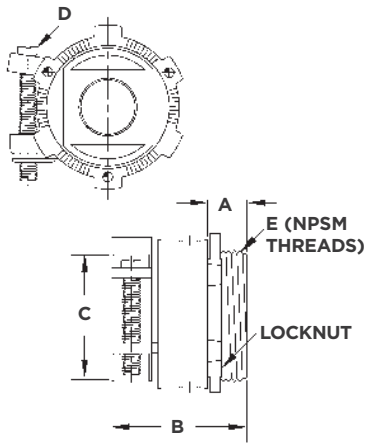
90˚ Squeeze Connectors

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

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

Detailed Drawings

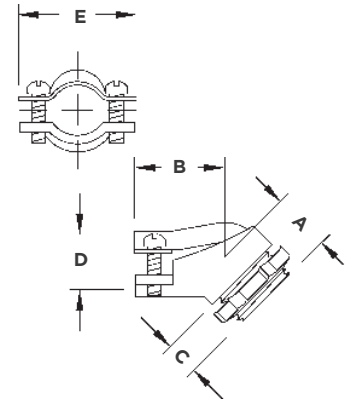
Flexible Metal Conduit Fittings



Straight Squeeze Connectors, Uninsulated

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

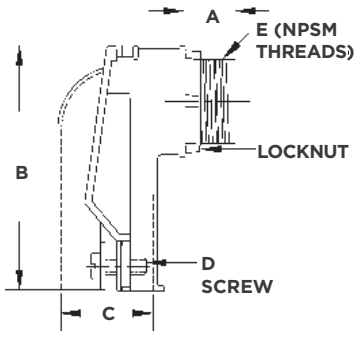
A = Thread length
B = Overall length
C = Conduit opening
D = Screw spec
E = Thread spec



45° Squeeze Connectors, Uninsulated

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

A = Length to end of fitting
B = Length to bend
C = Thread length and thread spec
D = Clamping range
E = Maximum width body

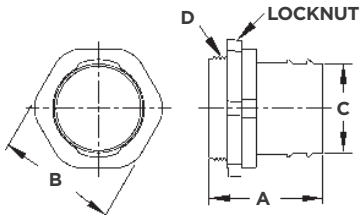


90° Squeeze Connectors, Uninsulated

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

A = Thread length
B = Overall length
C = Clamping range
D = Screw
E = Thread spec

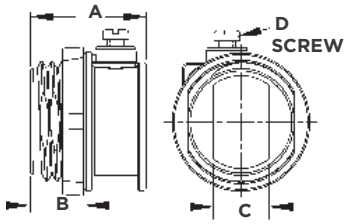
Flexible Metal Conduit Fittings



Screw-in Type Connectors - Uninsulated

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

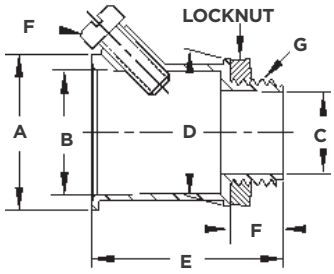
A = Overall length
B = Dia. across flats
C = Body Dia.
D = Thread spec



Set Screw Connector

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

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



Set Screw Connector

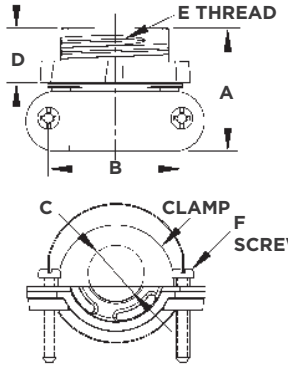
Catalog Number	A	B	C	D	E	F	G	H
2632	1-3/16"	61/64"	39/64"	1-1/8"	1-1/2"	3/64"	1/2-14 NPSM	10-24 x 1/2"

A = Body O.D.
B = Body I.D.
C = Throat I.D.
D = Hub Dia.
E = Overall length
F = Thread length
G = Thread spec
H = Screw size and length

Detailed Drawings

Flexible Metal Conduit Fittings

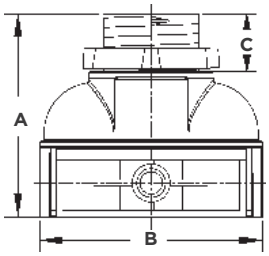
Clamp Type Connector



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

A = Length
B = Screw centerlines
C = Clamping range
D = Thread length
E = Thread spec.
F = Screw

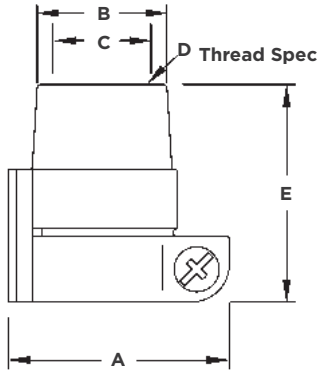
Duplex Connector



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

A = Overall length
B = Width
C = Thread length

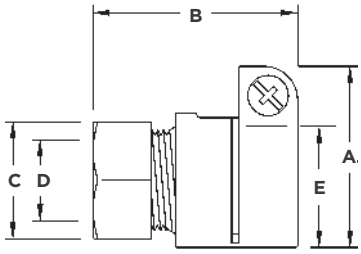
Flex to Rigid Couplings



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

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

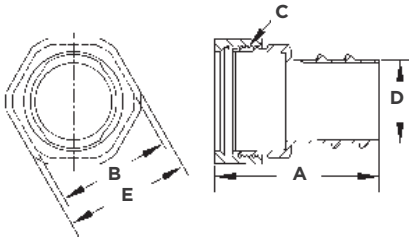
Flex EMT Squeeze Couplings



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

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

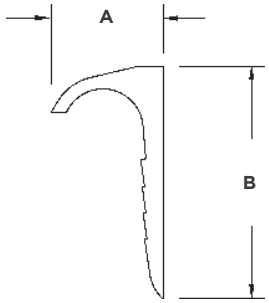
Flexible Metal Conduit Fittings



Flex EMT Couplings Screw-In/Compression

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

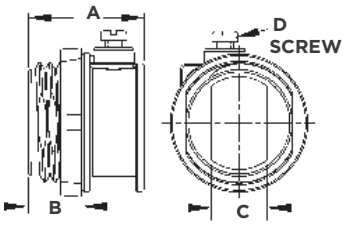
A = Overall length
B = Body across flat
C = Thread spec
D = Throat I.D.
E = Nut across flat



Nail-up Straps Stamped

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

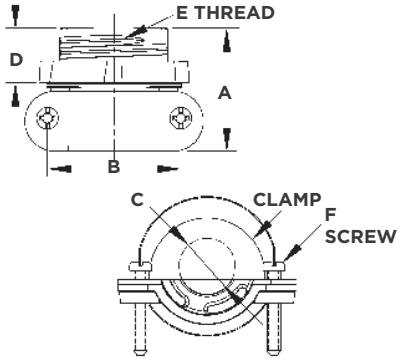
Armored Cable Connectors



Set Screw Connector

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

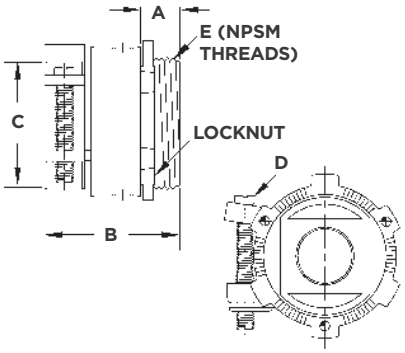
A = Overall length
B = Thread length
C = Throat Dia.
D = Screw Size



Clamp Type Connector

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

A = Length
B = Screw centerlines
C = Clamping range
D = Thread length
E = Thread spec.
F = Screw



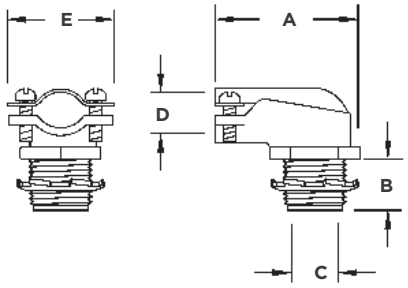
Squeeze Type Connectors, Uninsulated

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

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

Detailed Drawings

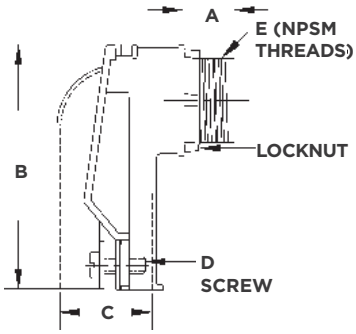
Armored Cable Connectors



90° Squeeze Connectors

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

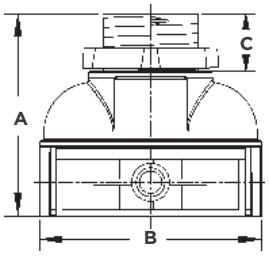
A = Overall length
B = Thread length and thread spec
C = Throat I.D.
D = Clamping range
E = Maximum width body



90° Squeeze Connectors, Uninsulated

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

A = Thread length
B = Overall length
C = Clamping range
D = Screw
E = Thread spec

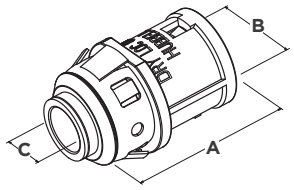


Duplex Connector

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

A = Overall length
B = Width
C = Thread length

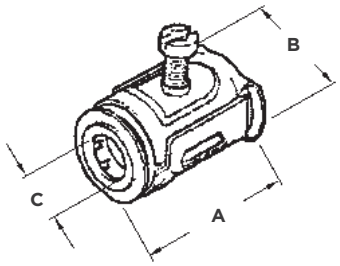
Metal Clad Cable Connectors



Push-in Connectors

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

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



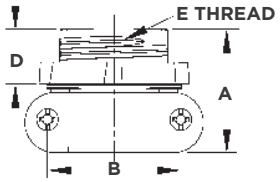
Screw Type Cable Connectors

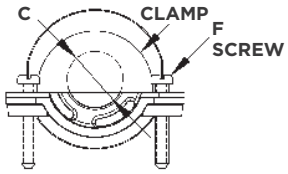
Catalog Number	A	B	C
2800	1-7/16"	7/8"	7/16"
2801	1-11/16"	1-5/16"	9/16"

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

Detailed Drawings

Metal Clad Cable Connectors

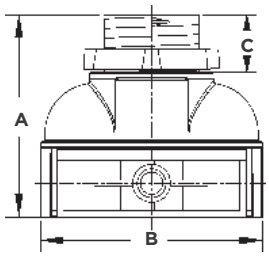




Clamp Type Cable Connector

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

A = Length
B = Screw centerlines
C = Clamping range
D = Thread length
E = Thread spec.
F = Screw

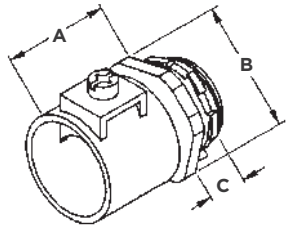


Duplex Connector

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

A = Overall length
B = Width
C = Thread length

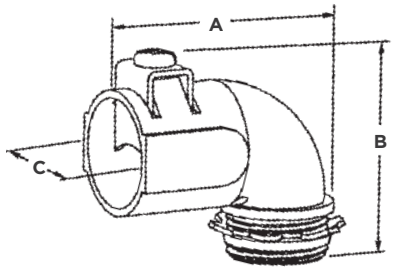
Double Bite Saddle Connectors



Straight Saddle Connectors

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

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

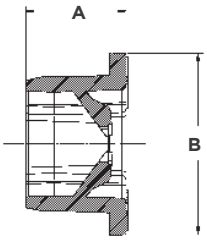


90˚ Saddle Connectors

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

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

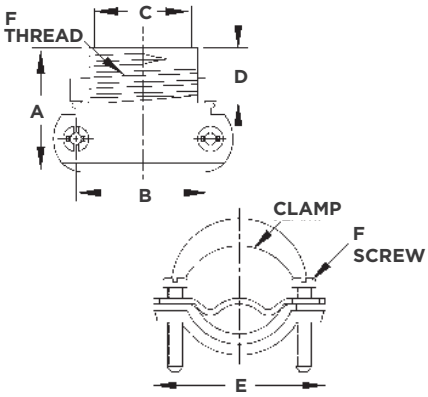
Nonmetallic Sheathed Cable Connectors & Accessories



Nonmetallic Sheathed Cable Connector

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

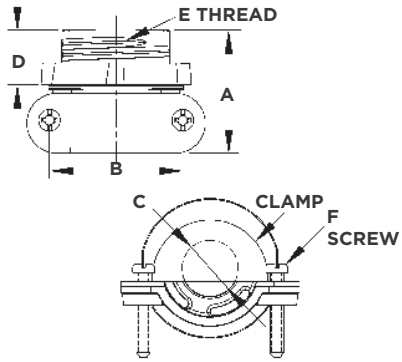
A = Overall length
B = Flange O.D.



Clamp Type Cable Connectors

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

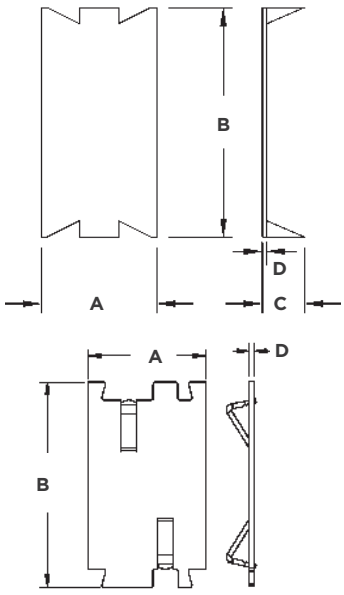
A = Length
B = Screw centerlines
C = Throat I.D.
D = Thread length
E = Max. body width
F = Thread spec.
G = Screw



Clamp Type Cable Connector

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

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



Cable Protectors

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

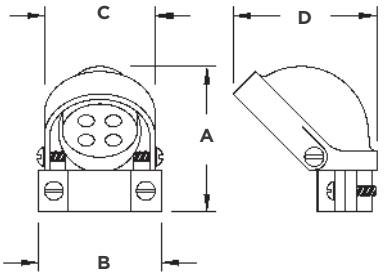
PUZZLE-PLATE® Cable Protectors

2712	1-1/2"	2-5/8"	—	3/64"
2712-9R	1-1/2"	2-5/8"	—	1/16"
2712R	1-1/2"	2-5/8"	—	1/16"
2713	1-1/2"	5"	—	3/64"
2713R	1-1/2"	5"	—	1/16"

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

Detailed Drawings

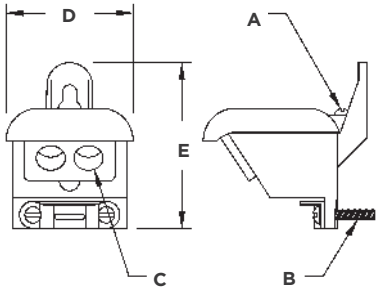
Service Entrance Fittings



Entrance Heads, Clamp Type for Rigid/IMC or EMT

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

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

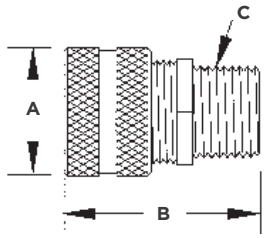


Entrance Heads, Clamp Type for SEU Cable

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

A = Cover screw spec
B = Clamp screw spec
C = Hole size
D = Depth of head
E = Height

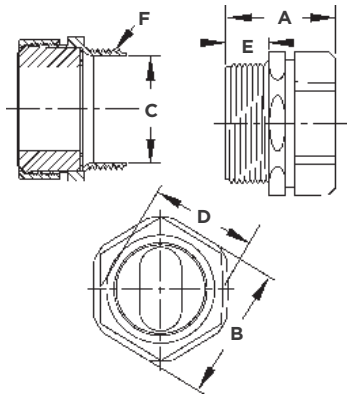
Service Entrance Fittings



Underground Feeder (UF) Connectors, Liquid Tight

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

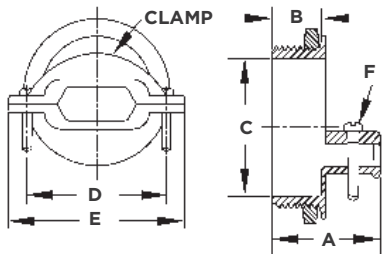
A = Nut O.D.
B = Length
C = Thread spec



Service Entrance Cable Connectors, Liquid Tight

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

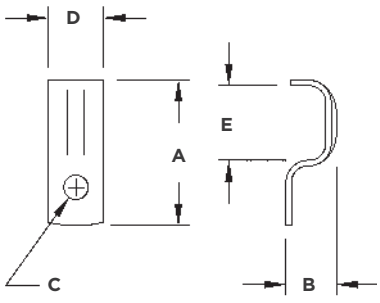
A = Overall length
B = Nut across flat
C = Throat dia.
D = Body across flat
E = Thread length
F = Thread spec



Non-watertight Connectors for Oval or Round Cable

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

A = Overall length
B = Thread length and thread spec
C = Throat I.D.
D = Screw center to center
E = Maximum body width
F = Screw size

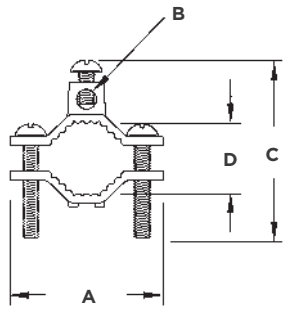


One Hole Cable Straps

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

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

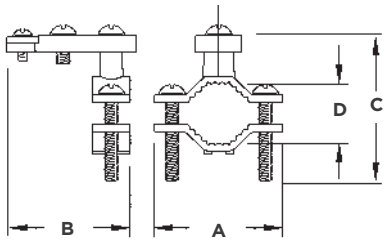
Grounding



Ground Clamps for Bare Ground Wires

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

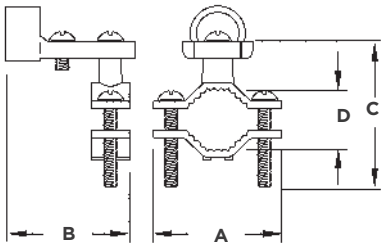
A = Width
B = Hole diameter
C = Height
C = Height
D = Min./Max. clamping range



Ground Clamps for Bare Armored Ground Wires

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

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

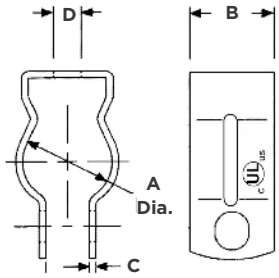


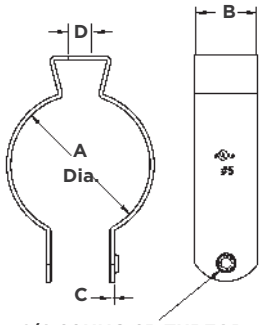
Ground Clamps for 1/2" Rigid Conduit

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

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

Conduit Support Fittings



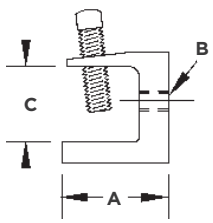


1/4-20UNC-2B THREAD
ON EXTRUDED HOLE

Conduit Hangers

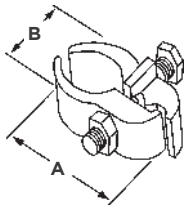
Catalog Number	A	B	C	D
With Nut and Bolt				
2052	0.80″	0.75″	0.04″	0.25″
2053	1.00″	0.75″	0.04″	0.25″
2054	1.20″	0.87″	0.04″	0.25″
2041	1.50″	0.87″	0.04″	0.25″
2055	1.70″	0.87″	0.04″	0.25″
2056	1.87″	1.00″	0.04″	0.31″
2058	2.25″	1.00″	0.04″	0.31″
2057	2.87″	1.25″	0.63″	0.31″
2059	3.50″	1.25″	0.63″	0.31″
2060	4.00″	1.25″	0.63″	0.31″
2061	4.50″	1.25″	0.63″	0.31″
With Bolt and Threaded Hole				
2052TH	0.78″	0.73″	.055 - .062″	0.26″
2053TH	0.99″	0.72″	.055 - .062″	0.26″
2054TH	1.25″	0.89″	.055 - .062″	0.26″
2041TH	1.52″	0.88″	.055 - .062″	0.26″
2055TH	1.71″	1.00″	.055 - .062″	0.33″
2056TH	1.92″	1.00″	.055 - .062″	0.33″
2058TH	2.30″	1.00″	.055 - .062″	0.33″

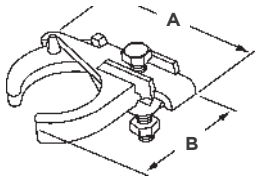
A = Inner Diameter
B = Width
C = Thickness
D = Hole Diameter



Beam Clamps

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





Parallel Conduit Clamps

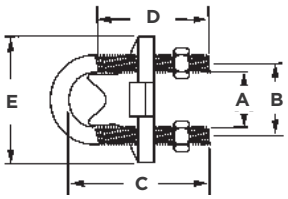
Catalog Number	A	B
2322PC	2-7/8″	1-7/16″
2323PC	3-1/16″	1-11/16″
2324PC	3-1/4″	2″
2325PC	3-5/8″	2-1/8″
2326PC	3-7/8″	2-3/16″
2328PC	4-5/8″	2-7/8″
2330PC	5-1/4″	3-1/4″
2332PC	5-7/8″	3-7/8″
2334PC	6-5/16″	4-5/16″
2336PC	6-13/16″	4-13/16″

Edge Conduit Clamps

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

Detailed Drawings

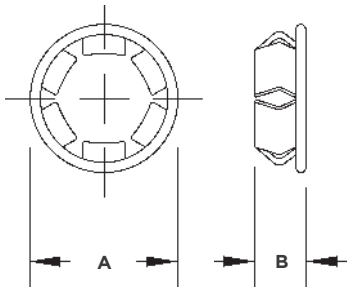
Conduit Support Fittings

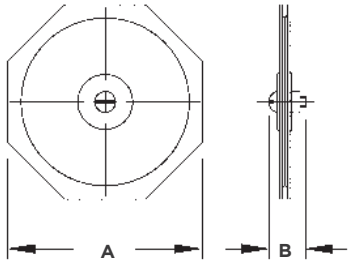


Right Angle Conduit Clamps

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

Miscellaneous Fittings





Knockout Seals, One Piece

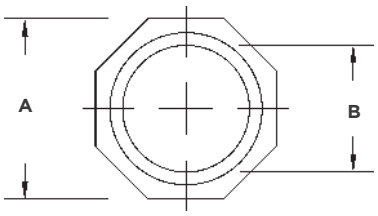
Catalog Number	A	B
1042	1-5/64″	23/64″
1043	1-15/64″	5/16″
1044	1-29/64″	11/32″
1045	1-13/16″	11/32″
1046	2-13/64″	11/32″
1048	2-43/64″	3/8″

Knockout Seals, Two Piece

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

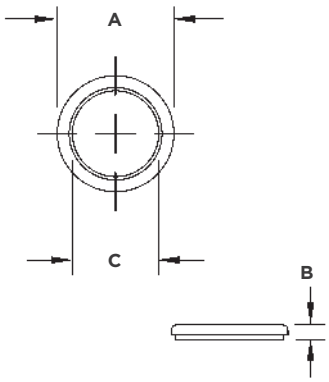
A = O. D. *B = Height*

Miscellaneous Fittings



Reducing Washers

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



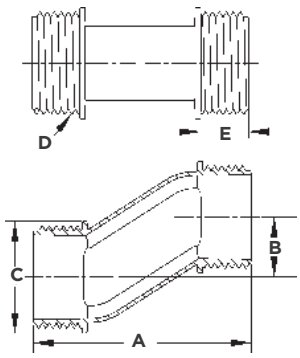
Sealing Washers - Steel

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

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

Detailed Drawings

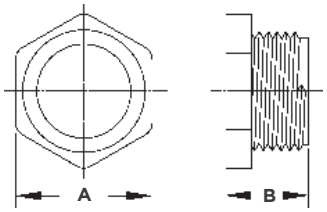
Miscellaneous Fittings



Offset Nipples

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

A = Overall length
B = Offset
C = Hub dia.
D = Thread spec
E = Thread length



Uninsulated Nipples

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

A = Across flats
B = Length

Table of Contents





Non-Metallic Low-Profile Expandable In-Use Covers



Outdoor Deck Outlet Covers



Metal Receptacle/Cover Combos & Kits

TAYMAC® Weatherproof Covers & Conduit Bodies

- General Information C-2
- Non-Metallic In-Use Covers C-5
- Non-Metallic Flat & Flat Expandable Covers C-7
- Outdoor Deck Outlet Covers. C-10
- Non-Metallic Receptacle/Cover Combos & Kits C-12
- Metal Receptacle/Cover Combos & Kits. C-13
- Metal In-Use Covers C-14
- Metal Low Profile In-Use Covers. C-15
- Weatherproof Accessories. C-16
- Conduit Bodies. C-17
- Product Drawings C-24

Standards, 2020 National Electrical Code®

HUBBELL® TAYMAC® UPC Vendor Number 092326 or 050169.

Where applicable, HUBBELL® TAYMAC® products are engineered in accordance with the standards established by Underwriters Laboratories and the Canadian Standards Association. Dimensional data listed in this catalog is intended for general reference with broad tolerance limits.

2020 NEC®

When specifying HUBBELL® TAYMAC® Weatherproof boxes and covers, consult the requirements of the National Electrical Code®, Section 314.16 (B) and 406.9 (B). Section 314.16 (B) details the NEC® requirements for the maximum number of conductors allowed for a HUBBELL® TAYMAC® Weatherproof installation. Article 406.9 (B) provides details on the NEC® requirements for receptacles being used in wet locations.

For your convenience, we have reprinted the pertinent NEC® sections. In all cases, consult your local electrical code and inspector interpretation.

Wiring Capacity: HUBBELL® TAYMAC® Weatherproof Boxes and Extensions

Maximum Number of Conductors or Minimum Size Box (Article 314.16 (B)

The purpose of Section 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 conductors may be added without exceeding the Code-prescribed limit. Most applications have determined the number of conductors. The rules of Section 314.16 (B) are used to determine the Code recognized limit, or smallest box that may be installed.

Selection of any HUBBELL® TAYMAC® 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 an approved 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.

Informational Note: For volume requirements of motor or generator terminal housings, see 430.12.

Boxes and conduit bodies enclosing conductors 4 AWG or larger shall also comply with the provisions of 314.28. Outlet and device boxes shall also comply with 314.24.

(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, and so forth, that are marked with their volume or are made from boxes the dimensions of which are listed in Table 314.16(A). Where a box is provided with one or more securely installed barriers, the volume shall be apportioned to each of the resulting spaces. Each barrier, if not marked with its volume, shall be considered to take up 8.2 cm3(1/2 in3) if metal, and 16.4 cm3 (1.0 in3) if non-metallic.

(1) Standard Boxes. The volumes of standard boxes that are not marked with their volume shall be as given in Table 314.16(A).

(2) Other Boxes. Boxes 1650 cm3 (100 in.3) or less, other than those described in Table 314.16(A), and non-metallic boxes shall be durably and legibly marked by the manufacturer with their volume(s). Boxes described in Table 314.16(A) that have a volume larger than is designated in the table shall be permitted to have their volume marked as required by this section.

(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. Each space within a box installed with a barrier shall be calculated separately.

(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 300.14 shall be counted twice. The conductor fill shall be calculated using Table 314.16(B). A 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 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.

A clamp assembly that incorporates a cable termination for the cable conductors shall be listed and marked for use with specific non-metallic boxes. Conductors that originate within the clamp assembly shall be included in conductor fill calculations covered in 314.16(B)(1) as though they entered from outside the box. The clamp assembly shall not require a fill allowance, but the volume of the portion of the assembly that remains within the box after installation shall be excluded from the box volume as marked in 314.16(A)(2).

(3) Support Fittings Fill. Where one or more luminaire studs or hickeys 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 50 mm (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 up to four 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 entering in the box.

A 1⁄4 volume allowance shall be made for each additional equipment grounding conductor or equipment bonding jumper that enters the box, based on the largest equipment grounding conductor or equipment bonding conductor.

(C) Conduit Bodies.

(1) General. Conduit bodies enclosing 6 AWG conductors or smaller, other than short-radius conduit bodies as described in 314.16(C)(3), shall have a cross-sectional area not less than twice the cross-sectional area of the largest conduit or tubing to which they can be attached. The maximum number of conductors permitted shall be the maximum number permitted by Table 1 of Chapter 9 for the conduit or tubing to which it is attached.

2) With Splices, Taps, or Devices. Only those conduit bodies that are durably and legibly marked by the manufacturer with their volume shall be permitted to contain splices, taps, or devices. The maximum number of conductors shall be calculated in accordance with 314.16(B). Conduit bodies shall be supported in a rigid and secure manner.

(3) Short Radius Conduit Bodies. Conduit bodies such as capped elbows and service-entrance elbows that enclose conductors 6 AWG or smaller, and are only intended to enable the installation of the raceway and the contained conductors, shall not contain splices, taps, or devices and shall be of an approved size to provide free space for all conductors enclosed in the conduit body.

406.9 Receptacles in Damp or Wet Locations.

(A) Damp Locations. A receptacle installed outdoors in a location protected from the weather or in other damp locations shall have an enclosure for the receptacle that is weatherproof when the receptacle is covered (attachment plug cap not inserted and receptacle covers closed).

An installation suitable for wet locations shall also be considered suitable for damp locations.

A receptacle shall be considered to be in a location protected from the weather where located under roofed open porches, canopies, marquees, and the like, and will not be subjected to a beating rain or water runoff. All 15- and 20-ampere, 125- and 250-volt nonlocking receptacles shall be a listed weather-resistant type.

Informational Note: The types of receptacles covered by this requirement are identified as 5-15, 5-20, 6-15, and 6-20 in ANSI/NEMA WD 6–2016, Wiring Devices — Dimensional Specifications.

(B) Wet Locations.

(1) Receptacles of 15 and 20 Amperes in a Wet Location. Receptacles of 15 and 20 amperes, 125 and 250 volts installed in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted. An outlet box hood installed for this purpose shall be listed and shall be identified as "extra-duty." Other listed products, enclosures, or assemblies providing weatherproof protection that do not utilize an outlet box hood need not be marked "extra duty."

Informational Note No. 1: Requirements for extra-duty outlet box hoods are found in ANSI/UL 514D–2016, Cover Plates for Flush-Mounted Wiring Devices.

"Extra duty" identification and requirements are not applicable to listed receptacles, faceplates, outlet boxes, enclosures, or assemblies that are identified as either being suitable for wet locations or rated as one of the outdoor enclosure–type numbers of Table 110.28 that does not utilize an outlet box hood.

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.

All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles shall be listed and so identified as the weather resistant type.

Informational Note No. 2: The configuration of weather resistant receptacles covered by this requirement are identified as 5-15, 5-20, 6-15, and 6-20 in ANSI/NEMA WD 6–2016, Wiring Devices — Dimensional Specifications.

(2) Other Receptacles. All other receptacles installed in a wet location shall comply with 406.9(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.

(C) Bathtub and Shower Space. Receptacles shall not be installed within a zone measured 900 mm (3 ft) horizontally and 2.5 m (8 ft) vertically from the top of the bathtub rim or shower stall threshold. The identified zone is all-encompassing and shall include the space directly over the tub or shower stall.

Exception: In bathrooms with less than the required zone the receptacle(s) shall be permitted to be installed opposite the bathtub rim or shower stall threshold on the farthest wall within the room.

(D) Protection for Floor Receptacles. Standpipes of floor receptacles shall allow floor-cleaning equipment to be operated without damage to receptacles.

(E) Flush Mounting with Faceplate. The enclosure for a receptacle installed in an outlet box flush-mounted in a finished surface shall be made weatherproof by means of a weatherproof faceplate assembly that provides a watertight connection between the plate and the finished surface.

National Electric Code® and NEC® is a registered Trademark of the National Fire Protection Association.

General Features and Benefits

HUBBELL® TAYMAC® 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
- Bilingual 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 pages that follow for more specific information about HUBBELL® TAYMAC® products.

Calculate The Minimum Size Box

Section 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:

- No matter how many ground wires come into a box, they only count as one conductor within the box.
- Any wire running unbroken through the box counts as one wire.
- Each wire coming into a splice device (crimp or twist-on type) is counted as one wire.
- Each wire coming into the box and connecting to a device counts as one wire of that size.
- Where devices are mounted in the box, the total conductor count must be increased by two for each mounting strap.

Example – TAYMAC® Weatherproof

To calculate the minimum internal volume needed for an enclosure to supply power to a single switch using #14/2 conductors, you must account for 2 conductors, one ground, and one switch - totaling 5 allowances. Table 314.16(B) of NFPA 70 National Electrical Code states that multiplying 5 times 2.00 for the #14 conductors, will require a minimum of 10.0 cubic inches.

Table 314.16(B), Volume Allowance Required per Conductor

Size of Conductor (AWG)	Free Space Within Box for Each Conductor	
	CM3	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

1-Gang

Applications

- Designed to provide weatherproof protection while an outlet is in use

Product Features

- High-impact polycarbonate construction provides maximum durability
- Quick-Fit keyhole mounting system allows installation in under a minute
- Includes attached gasket and mounting hardware
- Universal Fit Adapter System Technology (U-Fast) for 16-in-1 configurations, comes pre-configured for GFCI
- Lockable tab (fits up to 1/8" shackle / Extra Duty covers fit up to 1/4" shackle)

Compliance

- c UL us File E116141
- 2020 NEC® 406.9 (A) compliant
- 2020 NEC® 406.9 (B) compliant (Extra Duty)
- NEMA 3R rated

EXTRA DUTY


MM420C


MM420G


MM420W


MM720C


MM720G


MM410C


MM410G


MM410W


MM410CW


MM410CA

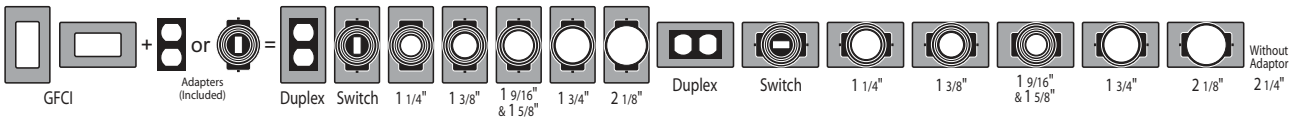

MM510C


MM510G


MM710C


MM710G

16-in-1 Configurations



1-Gang In-Use Covers

Catalog #	Description	Depth	Color	Pkg. Type	Std. Pkg.	Barcode
MM420C	Extra Duty® Horizontal/Vertical 16-in-1 Standard	2.75"	Clear	Shrink	8	IIIIIIII
MM420G	Extra Duty® Horizontal/Vertical 16-in-1 Standard	2.75"	Gray	Shrink	8	IIIIIIII
MM420W	Extra Duty® Horizontal/Vertical 16-in-1 Standard	2.75"	White	Shrink	8	IIIIIIII
MM720C	Extra Duty® Horizontal/Vertical 16-in-1 Jumbo	4.75"	Clear	Shrink	4	IIIIIIII
MM720G	Extra Duty® Horizontal/Vertical 16-in-1 Jumbo	4.75"	Gray	Shrink	4	IIIIIIII
MM410C	Horizontal/Vertical 16-in-1 Standard	2.75"	Clear	Shrink	10	IIIIIIII
MM410CA	Horizontal/Vertical 16-in-1 Standard w/Round Box Adaptor	2.75"	Clear	Shrink	10	IIIIIIII
MM410CW	Horizontal/Vertical 16-in-1 Standard	2.75"	Clear w/ White Base	Shrink	10	IIIIIIII
MM410G	Horizontal/Vertical 16-in-1 Standard	2.75"	Gray	Shrink	10	IIIIIIII
MM410W	Horizontal/Vertical 16-in-1 Standard	2.75"	White	Shrink	10	IIIIIIII
MM510C	Horizontal/Vertical 16-in-1 Deep	3.25"	Clear	Shrink	8	IIIIIIII
MM510G	Horizontal/Vertical 16-in-1 Deep	3.25"	Gray	Shrink	8	IIIIIIII
MM710C	Horizontal/Vertical 16-in-1 Jumbo	4.75"	Clear	Shrink	5	IIIIIIII
MM710G	Horizontal/Vertical 16-in-1 Jumbo	4.75"	Gray	Shrink	5	IIIIIIII

See end of section (Pg C24) for detailed drawings »

Non-Metallic In-Use Covers

2-Gang

Applications

- Designed to provide weatherproof protection while an outlet is in use

Product Features

- High-impact polycarbonate construction provides maximum durability
- Quick-Fit keyhole mounting system allows installation in under a minute
- Includes attached gasket and mounting hardware
- Universal Fit Adapter System Technology (U-Fast) comes pre-configured for GFCI
- Lockable tab (fits up to 1/8" shackle / MM7420 fits up to 5/16" shackle)

Compliance

- c UL us File E116141
- 2020 NEC® 406.9 (A) compliant (MM7440C and MM7440G)
- 2020 NEC® 406.9 (B) compliant (Extra Duty MM2420C and G) (MM7420C and G)
- NEMA 3R rated

MM7440/MM7420 pre-configured for Duplex.
MM2410/MM2420 pre-configured for GFCI.

EXTRA DUTY.



MM2420C



MM2420G

EXTRA DUTY. Jumbo Depth



MM7420C



MM7420G

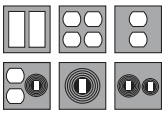


MM2410C



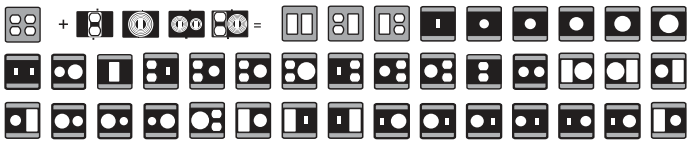
MM2410G

55-in-1 Configurations



Multiple Combinations of GFCI, Duplex, Switch, and Rounds: 1-1/4", 1-3/8", 1-9/16, 1-5/8", 1-11/16", 2-1/8", 2-1/4", 2-7/16"

40-in-1 Configurations



Multiple combinations of duplex, GFCI, switch and rounds: 1-3/8", 1-5/8", 1-3/4", 2-1/4", 2-5/8"



MM7440C



MM7440G

In-Use Covers

Catalog #	Description	Depth	Color	Pkg. Type	Std. Pkg.	Barcode
2-Gang In-Use Covers						
MM2420C	Extra Duty® 55-in-1 Standard	2.75"	Clear	Shrink	6	IIIIIIII
MM2420G	Extra Duty® 55-in-1 Standard	2.75"	Gray	Shrink	4	IIIIIIII
MM2410C	55-in-1 Standard	2.75"	Clear	Shrink	6	IIIIIIII
MM2410G	55-in-1 Standard	2.75"	Gray	Shrink	6	IIIIIIII
2-Gang In-Use Jumbo Covers						
MM7420C	Extra Duty® 55-in-1 Jumbo	5.00"	Clear	Shrink	3	IIIIIIII
MM7420G	Extra Duty® 55-in-1 Jumbo	5.00"	Gray	Shrink	3	IIIIIIII
MM7440C	40-in-1 Jumbo	4.75"	Clear	Shrink	3	IIIIIIII
MM7440G	40-in-1 Jumbo	4.75"	Gray	Shrink	3	IIIIIIII

See end of section (Pg C25) for detailed drawings »

Non-Metallic Flat Device Covers

1-Gang

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle or switch

Product Features

- High-impact polycarbonate construction provides maximum durability
- Quick-Fit keyhole mounting system allows installation in under a minute
- Includes attached gasket and mounting hardware
- Universal Fit Adapter System Technology (U-Fast) comes pre-configured for GFCI
- Lockable tab (fits up to 1/8" shackle

Compliance

- c UL us File E116141
- 2020 NEC® 406.9 (A) compliant
- NEMA 3R rated



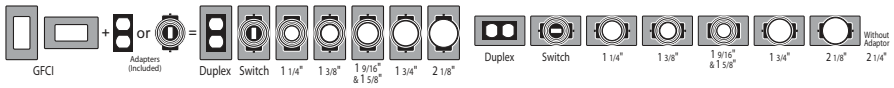
MM110C



MM110G

MM110W

16-in-1 Configurations



2-Gang



MM1410C

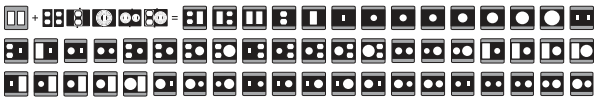


MM1410G



MM1410W

55-in-1 Configurations



Multiple combinations of duplex, GFCI, switch and rounds: 1-1/4", 1-3/8", 1-9/16", 1-5/8", 1-11/16", 1-3/4", 2-1/8", 2-1/4", 2-7/16"

Flat Covers

Catalog #	Description	Depth	Color	Pkg. Type	Std. Pkg.	Barcode
1-Gang Flat Covers						
MM110C	Horizontal/Vertical 16-in-1	.625"	Clear	Shrink	10	IIIIIIII
MM110G	Horizontal/Vertical 16-in-1	.625"	Gray	Shrink	10	IIIIIIII
MM110W	Horizontal/Vertical 16-in-1	.625"	White	Shrink	10	IIIIIIII
2-Gang Flat Covers						
MM1410C	55-in-1	.625"	Clear	Shrink	10	IIIIIIII
MM1410G	55-in-1	.625"	Gray	Shrink	10	IIIIIIII
MM1410W	55-in-1	.625"	White	Shrink	10	IIIIIIII

See end of section (Pg C25) for detailed drawings »

Non-Metallic Low-Profile Expandable In-Use Covers

1-Gang

Applications

- Expandable design for weather-proof protection while an outlet is in use

Product Features

- Revolutionary patented design expands from 1" to 3" for in-use needs
- 100% paintable surface
- Ultra rugged polycarbonate & synthetic neoprene rubber will not dry rot, crack or deteriorate in sunlight
- Includes attached gasket and mounting hardware
- Quick-Fit keyhole mounting system allows installation in under a minute
- Universal Fit Adapter System Technology (U-Fast) comes pre-configured for GFCI

Compliance

- c UL us File E116141
- 2020 NEC® 406.9 (A) compliant
- 2020 NEC® 406.9 (B) compliant (Extra Duty)
- NEMA 3R rated



ML500G



ML500W



ML500Z



ML450G



ML450W



ML450Z



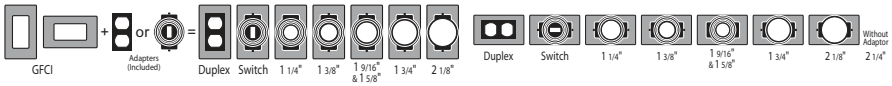
In Use



Cut-Away View

Low profile design expands out for weatherproof protection of outlets and plugs while in use.

16-in-1 Configurations





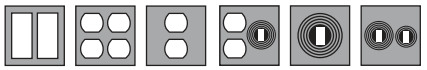


ML2500G



ML2450G

55-in-1 Configurations



Multiple combinations of duplex, GFCI, switch and rounds: 1-1/4", 1-3/8", 1-9/16", 1-5/8", 1-11/16", 2-1/8", 2-1/4", 2-7/16"

Low-Profile Expandable In-Use Covers

Catalog #	Description	Depth	Color	Pkg. Type	Std. Pkg.	Barcode
1-Gang Low-Profile Expandable In-Use Covers						
ML500G	Extra Duty® 16-in-1 Low-Profile Expandable Vertical/Horizontal	1" to 3"	Gray	Shrink	10	IIIIIIII
ML500W	Extra Duty® 16-in-1 Low-Profile Expandable Vertical/Horizontal	1" to 3"	White	Shrink	10	IIIIIIII
ML500Z	Extra Duty® 16-in-1 Low-Profile Expandable Vertical/Horizontal	1" to 3"	Bronze	Shrink	10	IIIIIIII
ML450G	16-in-1 Low-Profile Expandable Vertical/Horizontal	1" to 3"	Gray	Shrink	10	IIIIIIII
ML450W	16-in-1 Low-Profile Expandable Vertical/Horizontal	1" to 3"	White	Shrink	10	IIIIIIII
ML450Z	16-in-1 Low-Profile Expandable Vertical/Horizontal	1" to 3"	Bronze	Shrink	10	IIIIIIII
2-Gang Low-Profile Expandable In-Use Covers						
ML2500G	Extra Duty® 55-in-1 Low-Profile Expandable	1" to 3"	Gray	Shrink	6	IIIIIIII
ML2450G	55-in-1 Low-Profile Expandable	1" to 3"	Gray	Shrink	6	IIIIIIII

See end of section (Pg C26) for detailed drawings »

Non-Metallic Flat Profile In-Use Recessed Enclosure

1-Gang Cover

Applications

- In-use weatherproof enclosures can be used in new or old work, and are compatible with common siding types and materials such as vinyl, wood, stucco, brick or block

Product Features

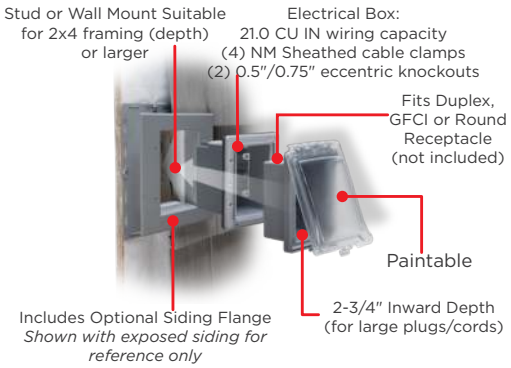
- Mounts horizontally or vertically
- Accommodates duplex, GFCI or round receptacle (not included)
- Universal Fit Adapter System Technology (U-Fast) comes pre-configured for GFCI
- Electrical box and siding flange included
- For all common siding types and materials (vinyl, wood, stucco, brick or block)
- Installation instructions and mounting hardware included

Compliance

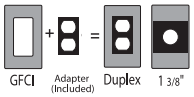
- c UL us File E116141
- 2020 NEC® 406.9 (A) compliant
- 2020 NEC® 406.9 (B) compliant (Extra Duty)



MR420CG



6-in-1





MR420CW



MR420CZ

Compatible with Range of Siding Materials



Vinyl Siding



Brick



Stucco

Weatherproof In-Use Recessed Enclosure

Catalog #	Description	Depth	Color	Pkg. Type	Std. Pkg.	Barcode
MR420CG	Extra Duty® Weatherproof In-Use Recessed Enclosure	4.98"	Gray	Boxed	4	IIIIIIII
MR420CW	Extra Duty® Weatherproof In-Use Recessed Enclosure	4.98"	White	Boxed	4	IIIIIIII
MR420CZ	Extra Duty® Weatherproof In-Use Recessed Enclosure	4.98"	Bronze	Boxed	4	IIIIIIII

See end of section (Pg C26) for detailed drawings »

Outdoor Deck Outlet Covers

1-Gang Cover and Kit

Applications

- Provides safe, code-compliant way to add an outlet to raised outdoor floors
- Suitable for lights, fans, device chargers and other electric appliances
- Protects from rain or snow and overspray from sprinklers or hoses
- Cost effective upgrade for today's outdoor living

Product Features

- Provides convenient power access on raised wood or composite decks and porches
- Low profile design meets ADA standards, includes beveled edge and slip-resistant texture
- Heavy duty UV-resistant polycarbonate for durability even in harsh environments
- Cord hooks hold two power cords in place, including most 16 gauge grounded extension cords
- Fits standard duplex, decorator and GFCI receptacles
- Rain chamber and "drip loop" design provide two levels of in-use protection
- Pre-attached weatherproof gasket keeps water from entering around the self-closing lid

Compliance

- cULus Listed
- NEC & NEMA 3R Compliant



Outdoor Comforts™
Enhance Your Outdoor Space!



DOCK320 kits also include outdoor box, gasket and GFCI receptacle



DOC320G DOCK320G



DOC320W DOCK320W



DOC320Z DOCK320Z

Weatherproof Deck Outlet

Catalog #	Description	Surface Area	Color	Pkg. Type	Std. Pkg.	Bar Code
Weatherproof Deck Outlet Cover						
DOC320G	Recessed Outlet Enclosure and Cover for Raised Decks	7" x 8.375"	Gray	Box	4	IIIIIIII
DOC320W	Recessed Outlet Enclosure and Cover for Raised Decks	7" x 8.375"	White	Box	4	IIIIIIII
DOC320Z	Recessed Outlet Enclosure and Cover for Raised Decks	7" x 8.375"	Bronze	Box	4	IIIIIIII
Weatherproof Deck Outlet Kit						
DOCK320G	Deck Outlet Cover, 1-Gang metallic outlet box & Hubbell Pro GFCI	7" x 8.375"	Gray	Box	4	IIIIIIII
DOCK320W	Deck Outlet Cover, 1-Gang metallic outlet box & Hubbell Pro GFCI	7" x 8.375"	White	Box	4	IIIIIIII
DOCK320Z	Deck Outlet Cover, 1-Gang metallic outlet box & Hubbell Pro GFCI	7" x 8.375"	Bronze	Box	4	IIIIIIII

See end of section (Pg C27) for detailed drawings »

ParkPost Outdoor Power Enclosure

Applications

- Direct-bury freestanding post is a stylish solution for plug-in power access in yards and other outdoor living spaces such as patios, spas, outdoor kitchens, shade structures, fire pits and more
- Convenient means to have power outlets positioned away from a home or building or near structures if an exterior wall mounted device and cover is not ideal or practical

Product Features

- Ideal for prominent locations rather than hidden away like typical outdoor boxes & covers
- Unique slide cover design provides easy access to outlets and retains stylish appearance even with cords plugged in
- Accommodates two power cords including most 16-gauge grounded extension cords
- Base models include adapters to install standard duplex, decorator, GFCI, or single round receptacle
- Kit models include Hubbell tamper-resistant weather-resistant 15A GFCI receptacle

Compliance

- File E527572
- NEC® Compliant
- NEMA 3R Rated





GFCI included with kits



PP55G, PP55GG



PP55W, PP55GW



PP55Z, PP55GZ

Outdoor Freestanding Post Device Enclosures

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Barcode
Direct-bury Freestanding Post Enclosure					
PP55G	ParkPost Outdoor Power Enclosure	Gray	Box	2	|||||
PP55W	ParkPost Outdoor Power Enclosure	White	Box	2	|||||
PP55Z	ParkPost Outdoor Power Enclosure	Bronze	Box	2	|||||
Direct-bury Freestanding Post Enclosure Kits					
PP55GG	ParkPost Outdoor Power Enclosure with TR/WR 15A Hubbell GFCI	Gray	Box	2	|||||
PP55GW	ParkPost Outdoor Power Enclosure with TR/WR 15A Hubbell GFCI	White	Box	2	|||||
PP55GZ	ParkPost Outdoor Power Enclosure with TR/WR 15A Hubbell GFCI	Bronze	Box	2	|||||

Non-Metallic Receptacle / Cover Combos and Complete Kits

In-Use Cover Combos and Complete Kits

Applications

- Receptacle and cover combos for use whenever weatherproof protection is required while receptacle is in use

Product Features

- High quality Hubbell WR/TR device included
- Quick-Fit keyhole mounting system allows cover installation in under a minute
- Universal Fit Adapter System Technology (U-Fast) comes pre-configured for GFCI
- Includes attached gasket and hardware
- Lockable tab fits full-size padlock (up to 1/4" shackle)
- Installation instructions and mounting hardware included

Compliance

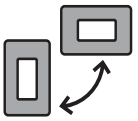
- c UL us File E313240
- 2020 NEC® 406.9 (A) compliant
- 2020 NEC® 406.9 (B) compliant (Extra Duty)
- NEMA 3R rated

CODEGUARD®



Weatherproof confidence with the latest code compliant, Extra-Duty TayMac covers and weather-resistant, tamper-resistant Hubbell Pro receptacles in one package.





Horizontal or Vertical Mount



MG420CS



MG420C-20



MKG420CS

Receptacle / In-Use Cover Combos

Catalog #	Description	Depth	Color	Pkg. Type	Std. Pkg.	Barcode
MG420CS	Extra Duty® Hubbell WR/TR 15A Self-Test GFCI / Cover Combo	2.75"	Clear	Shrink	4	IIIIIIII
MG420C-20	Extra Duty® Hubbell WR/TR 20A Self-Test GFCI / Cover Combo	2.75"	Clear	Shrink	4	IIIIIIII
MKG420CS	Extra Duty® In-Use Cover, Box and Hubbell WR/TR 15A Self-Test GFCI Kit	2.75"	Clear	Shrink	4	IIIIIIII

See end of section (Pg C27-C28) for detailed drawings »

Receptacle / Metal Cover Combos and Complete Kits

In-Use Metal Cover Combos and Complete Kits

Applications

- Receptacle and metal cover combos for use whenever weatherproof protection is required

Product Features

- High quality Hubbell WR/TR device included
- Heavy duty die-cast metal construction
- Includes gasket and mounting hardware
- Durable powder coat finish
- Lockable tab fits full-size padlock
- Includes receptacle and cover

Compliance

- File E313240
- 2020 NEC® 406.9 (B) compliant (Extra Duty)
- NEMA 3R rated



CODEGUARD®
Weatherproof confidence with the latest code compliant, Extra-Duty TayMac metal covers and weather-resistant, tamper-resistant Hubbell receptacles in one package.



MD5802-0



MKG4280SS

Receptacle / Metal In-Use Cover Combos

Catalog #	Description	Depth	Color	Pkg. Type	Std. Pkg.	Barcode
MD5802-0	Extra Duty® Hubbell WR/TR 15A Duplex / Horizontal In-Use Metal Cover Combo	3"	Gray	Shrink	3	IIIIIIII

Complete Metal In-Use Cover Kits

Catalog #	Description	Depth	Color	Pkg. Type	Std. Pkg.	Barcode
MKG4280SS	Extra Duty® In-Use Cover, Box and Hubbell WR/TR 15A Self-Test GFCI	2" to 3.5"	Gray	Clamshell	4	IIIIIIII

See end of section (Pg C28) for detailed drawings »

Metal In-Use Covers

RaynGuard® In-Use Metal Covers

Applications

- Designed to provide weatherproof protection while an outlet is in use

Product Features

- Heavy duty die-cast metal construction
- Meets or exceeds Extra Duty® specifications
- Quick-Fit keyhole mounting system allows cover installation in under a minute
- Includes gasket and mounting hardware
- Universal Fit Adapter System Technology (U-Fast) comes pre-configured for GFCI
- Durable powder coat finish
- All RaynGuard® covers include integrated cord catch with rain chamber for splash protection
- Lockable tab fits full-size padlock (up to 9/32" shackle)

Compliance

- c UL us File E212332
- 2020 NEC® compliant
- NEMA 3R rated

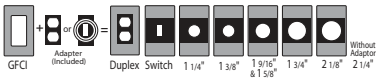


MX3200

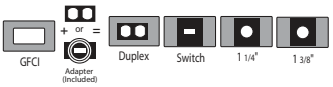


MX3300

8-in-1 Configurations



8-in-1 Configurations



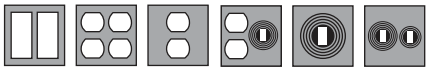


MX6200



MX7200

55-in-1 Configurations



Multiple combinations of duplex, GFCI, switch and rounds: 1-1/4", 1-3/8", 1-9/16", 1-5/8", 1-11/16", 2-1/8", 2-1/4", 2-7/16"

Metal In-Use Covers

Catalog #	Description	Depth	Color	Pkg. Type	Std. Pkg.	Barcode
MX3200	Extra Duty® Vertical 8-in-1	3.125"	Gray	Shrink	4	IIIIIIII
MX3300	Extra Duty® Horizontal 8-in-1	3.5"	Gray	Shrink	4	IIIIIIII
MX6200	Extra Duty® 2-Gang 55-in-1	3.5"	Gray	Shrink	4	IIIIIIII
MX7200	Extra Duty® Jumbo 2-Gang 55-in-1	5.125"	Gray	Shrink	2	IIIIIIII

See end of section (Pg C29) for detailed drawings »

In-Use Low-Profile Expandable Metal Covers

Applications

- Designed to provide weatherproof protection while an outlet is in use

Product Features

- Heavy duty die-cast metal construction
- Meets or exceeds Extra Duty® specifications
- Quick-Fit keyhole mounting system allows cover installation in under a minute
- Includes gasket and mounting hardware
- Universal Fit Adapter System Technology (U-Fast) comes pre-configured for GFCI
- Durable powder coat finish
- Lockable open or closed and fits full-size padlock (up to 5/16" shackle)

Compliance

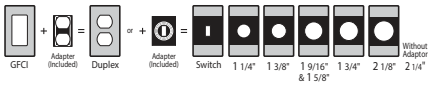
- cULus File E212332
- 2020 NEC® compliant
- NEMA 3R rated

EXTRA DUTY. Expands 2" to 3-1/2"



MX4280S MX4280WH MX4280Z

8-in-1 Configurations

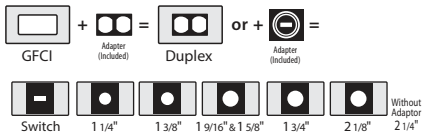


EXTRA DUTY. Expands 2" to 3-1/2"



MX4380S

8-in-1 Configurations

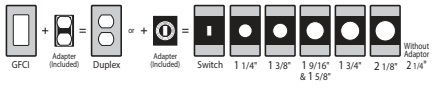


EXTRA DUTY. Expands 2-1/2" to 4-1/2"



MX5280S

8-in-1 Configurations

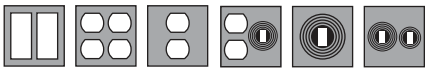


EXTRA DUTY. Expands 2" to 3-1/2"



MX7280S

55-in-1 Configurations



Multiple combinations of duplex, GFCI, switch and rounds: 1-1/4", 1-3/8", 1-9/16", 1-5/8", 1-11/16", 2-1/8", 2-1/4", 2-7/16"

Metal Low Profile In-Use Covers

Catalog #	Description	Depth	Color	Pkg. Type	Std. Pkg.	Barcode
MX4280S	Extra Duty® Vertical 8-in-1	2" to 3-1/2"	Gray	Shrink	6	IIIIIIII
MX4280WH	Extra Duty® Vertical 8-in-1	2" to 3-1/2"	White	Shrink	6	IIIIIIII
MX4280Z	Extra Duty® Vertical 8-in-1	2" to 3-1/2"	Bronze	Shrink	6	IIIIIIII
MX4380S	Extra Duty® Horizontal 8-in-1	2" to 3-1/2"	Gray	Shrink	4	IIIIIIII
MX5280S	Extra Duty® Vertical Deep 8-in-1	2-1/2" to 4-1/2"	Gray	Shrink	2	IIIIIIII
MX7280S	Extra Duty® Vertical 2-Gang 55-in-1	2" to 3-1/2"	Gray	Shrink	2	IIIIIIII

See end of section (Pg C29) for detailed drawings »

Accessories

Applications

- Use to install outdoor device cover on round 1-gang box
- Compatible with all 1-gang TayMac in-use covers as well as any BELL flip covers or other brands that use device mounting holes to install cover
- Compatible round boxes need 3-1/4" screw spacing to support NEMA device mount hole configuration.
- Covers up to 3-3/4" round box opening and includes attached gasket for weatherproof seal



PRBA400G
(Round box not included)

Round Box Adapter

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Barcode
PRBA400G	Round Box Weatherproof Device Cover Adapter Plate	Gray	Shrink	10	IIIIIIII

See end of section (Pg C29) for detailed drawings »

Rigid/IMC Conduit Bodies

Applications

- For use with threaded Rigid/IMC conduit for pulling access or to split a run into multiple directions. Removable cover included with complete assemblies allow access for maintenance and making taps and splices to conductors.



RLB050 - RLB400



LB050 - LB400



RLC050 - RLC400

Product Features

- Durable die-cast aluminum construction
- Premium powder coat finish
- Complete assemblies include a NBR synthetic rubber gasket and a stamped aluminum cover with combination head screws



RLL050 - RLL400



LL050 - LL400



RC050 - RC400

Compliance

- c UL us File E212332
- 2020 NEC® compliant
- NEMA 3R rated

Threaded Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
LB Assembly				
RLB050	1/2" Rigid LB Assembly	-	10	
RLB075	3/4" Rigid LB Assembly	-	10	
RLB100	1" Rigid LB Assembly	-	5	
RLB125	1-1/4" Rigid LB Assembly	-	2	
RLB150	1-1/2" Rigid LB Assembly	-	2	
RLB200	2" Rigid LB Assembly	-	2	
RLB250	2-1/2" Rigid LB Assembly	-	1	
RLB300	3" Rigid LB Assembly	-	1	
RLB350	3-1/2" Rigid LB Assembly	-	1	
RLB400	4" Rigid LB Assembly	-	1	
LB Body				
LB050	1/2" Rigid LB Type Body	10	100	
LB075	3/4" Rigid LB Type Body	10	50	
LB100	1" Rigid LB Type Body	5	25	
LB125	1-1/4" Rigid LB Type Body	2	10	
LB150	1-1/2" Rigid LB Type Body	2	10	
LB200	2" Rigid LB Type Body	1	5	
LB250	2-1/2" Rigid LB Type Body	-	1	
LB300	3" Rigid LB Type Body	-	1	
LB350	3-1/2" Rigid LB Type Body	-	1	
LB400	4" Rigid LB Type Body	-	1	
C Assembly				
RLC050	1/2" Rigid C Assembly	-	5	
RLC075	3/4" Rigid C Assembly	-	5	
RLC100	1" Rigid C Assembly	-	5	
RLC125	1-1/4" Rigid C Assembly	-	2	
RLC150	1-1/2" Rigid C Assembly	-	2	
RLC200	2" Rigid C Assembly	-	2	
RLC250	2-1/2" Rigid C Assembly	-	1	
RLC300	3" Rigid C Assembly	-	1	
RLC350	3-1/2" Rigid C Assembly	-	1	
RLC400	4" Rigid C Assembly	-	1	

Threaded Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
C Body				
RC050	1/2" Rigid C Type Body	10	100	
RC075	3/4" Rigid C Type Body	10	50	
RC100	1" Rigid C Type Body	5	25	
RC125	1-1/4" Rigid C Type Body	2	10	
RC150	1-1/2" Rigid C Type Body	2	10	
RC200	2" Rigid C Type Body	1	5	
RC250	2-1/2" Rigid C Type Body	-	1	
RC300	3" Rigid C Type Body	-	1	
RC350	3-1/2" Rigid C Type Body	-	1	
RC400	4" Rigid C Type Body	-	1	
LL Assembly				
RLL050	1/2" Rigid LL Assembly	-	5	
RLL075	3/4" Rigid LL Assembly	-	5	
RLL100	1" Rigid LL Assembly	-	5	
RLL125	1-1/4" Rigid LL Assembly	-	2	
RLL150	1-1/2" Rigid LL Assembly	-	2	
RLL200	2" Rigid LL Assembly	-	2	
RLL250	2-1/2" Rigid LL Assembly	-	1	
RLL300	3" Rigid LL Assembly	-	1	
RLL350	3-1/2" Rigid LL Assembly	-	1	
RLL400	4" Rigid LL Assembly	-	1	
LL Body				
LL050	1/2" Rigid LL Type Body	10	100	
LL075	3/4" Rigid LL Type Body	10	50	
LL0100	1" Rigid LL Type Body	5	25	
LL125	1-1/4" Rigid LL Type Body	2	10	
LL150	1-1/2" Rigid LL Type Body	2	10	
LL200	2" Rigid LL Type Body	1	5	
LL250	2-1/2" Rigid LL Type Body	-	1	
LL300	3" Rigid LL Type Body	-	1	
LL350	3-1/2" Rigid LL Type Body	-	1	
LL400	4" Rigid LL Type Body	-	1	

See end of section (Pg C30-C31)) for detailed drawings »

Conduit Bodies

Rigid/IMC Conduit Bodies

Applications

- For use with threaded Rigid/IMC conduit for pulling access or to split a run into multiple directions. Removable cover included with complete assemblies allow access for maintenance and making taps and splices to conductors.



RLR050 - RLR400



LR050 - LR400



RSLB050 - RSLB200

Product Features

- Durable die-cast aluminum construction
- Premium powder coat finish
- Complete assemblies include a NBR synthetic rubber gasket and a stamped aluminum cover with combination head screws



RLT050 - RLT400



T050 - T400

Compliance

- c UL us File E212332
- 2020 NEC® compliant
- NEMA 3R rated

Threaded Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
LR Assembly				
RLR050	1/2" Rigid LR Assembly	-	5	IIIIIIII
RLR075	3/4" Rigid LR Assembly	-	5	IIIIIIII
RLR100	1" Rigid LR Assembly	-	5	IIIIIIII
RLR125	1-1/4" Rigid LR Assembly	-	2	IIIIIIII
RLR150	1-1/2" Rigid LR Assembly	-	2	IIIIIIII
RLR200	2" Rigid LR Assembly	-	2	IIIIIIII
RLR250	2-1/2" Rigid LR Assembly	-	1	IIIIIIII
RLR300	3" Rigid LR Assembly	-	1	IIIIIIII
RLR350	3-1/2" Rigid LR Assembly	-	1	IIIIIIII
RLR400	4" Rigid LR Assembly	-	1	IIIIIIII
LR Body				
LR050	1/2" Rigid LR Type Body	10	100	IIIIIIII
LR075	3/4" Rigid LR Type Body	10	50	IIIIIIII
LR0100	1" Rigid LR Type Body	5	25	IIIIIIII
LR125	1-1/4" Rigid LR Type Body	2	10	IIIIIIII
LR150	1-1/2" Rigid LR Type Body	2	10	IIIIIIII
LR200	2" Rigid LR Type Body	1	5	IIIIIIII
LR250	2-1/2" Rigid LR Type Body	-	1	IIIIIIII
LR300	3" Rigid LR Type Body	-	1	IIIIIIII
LR350	3-1/2" Rigid LR Type Body	-	1	IIIIIIII
LR400	4" Rigid LR Type Body	-	1	IIIIIIII

See end of section (Pg C31-C32) for detailed drawings »

Threaded Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
T Assembly				
RLT050	1/2" Rigid T Assembly	-	5	IIIIIIII
RLT075	3/4" Rigid T Assembly	-	5	IIIIIIII
RLT100	1" Rigid T Assembly	-	5	IIIIIIII
RLT125	1-1/4" Rigid T Assembly	-	2	IIIIIIII
RLT150	1-1/2" Rigid T Assembly	-	2	IIIIIIII
RLT200	2" Rigid T Assembly	-	2	IIIIIIII
RLT250	2-1/2" Rigid T Assembly	-	1	IIIIIIII
RLT300	3" Rigid T Assembly	-	1	IIIIIIII
RLT350	3-1/2" Rigid T Assembly	-	1	IIIIIIII
RLT400	4" Rigid T Assembly	-	1	IIIIIIII
T Body				
T050	1/2" Rigid T Type Body	10	100	IIIIIIII
T075	3/4" Rigid T Type Body	10	50	IIIIIIII
T100	1" Rigid T Type Body	5	25	IIIIIIII
T125	1-1/4" Rigid T Type Body	2	10	IIIIIIII
T150	1-1/2" Rigid T Type Body	2	10	IIIIIIII
T200	2" Rigid T Type Body	-	2	IIIIIIII
T250	2-1/2" Rigid T Type Body	-	1	IIIIIIII
T300	3" Rigid T Type Body	-	1	IIIIIIII
T350	3-1/2" Rigid T Type Body	-	1	IIIIIIII
T400	4" Rigid T Type Body	-	1	IIIIIIII
Threaded Service Entrance Elbow				
RSLB050	1/2" Rigid SLB	-	10	IIIIIIII
RSLB075	3/4" Rigid SLB	-	5	IIIIIIII
RSLB100	1" Rigid SLB	-	3	IIIIIIII
RSLB125	1-1/4" Rigid SLB	-	2	IIIIIIII
RSLB150	1-1/2" Rigid SLB	-	2	IIIIIIII
RSLB200	2" Rigid SLB	-	2	IIIIIIII

EMT Conduit Bodies

Applications

- For use with EMT conduit for pulling access or to split a run into multiple directions. Removable cover included with complete assemblies allow access for maintenance and making taps and splices to conductors.

Product Features

- Durable die-cast aluminum construction
- Premium powder coat finish
- Combination head set screws
- Complete assemblies include a NBR synthetic rubber gasket and a stamped aluminum cover with combination head screws

Compliance

- c UL us File E212332
- 2020 NEC® compliant
- NEMA 3R rated



EALB050 - EALB400



ELB050 - ELB400



EAC050 - EAC400



EALL050 - EALL400



ELL050 - ELL400



EC050 - EC400

EMT Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
EMT Conduit Fittings: LB Assembly				
EALB050	1/2" EMT LB Assembly	10	100	
EALB075	3/4" EMT LB Assembly	10	50	
EALB100	1" EMT LB Assembly	5	25	
EALB125	1-1/4" EMT LB Assembly	2	10	
EALB150	1-1/2" EMT LB Assembly	2	10	
EALB200	2" EMT LB Assembly	1	5	
EALB250	2-1/2" EMT LB Assembly	-	1	
EALB300	3" EMT LB Assembly	-	1	
EALB350	3-1/2" EMT LB Assembly	-	1	
EALB400	4" EMT LB Assembly	-	1	
LB Body				
ELB050	1/2" EMT LB Type Body	10	100	
ELB075	3/4" EMT LB Type Body	10	50	
ELB100	1" EMT LB Type Body	5	25	
ELB125	1-1/4" EMT LB Type Body	2	10	
ELB150	1-1/2" EMT LB Type Body	2	10	
ELB200	2" EMT LB Type Body	1	5	
ELB250	2-1/2" EMT LB Type Body	-	1	
ELB300	3" EMT LB Type Body	-	1	
ELB350	3-1/2" EMT LB Type Body	-	1	
ELB400	4" EMT LB Type Body	-	1	
C Assembly				
EAC050	1/2" EMT C Assembly	10	100	
EAC075	3/4" EMT C Assembly	5	50	
EAC100	1" EMT C Assembly	5	25	
EAC125	1-1/4" EMT C Assembly	5	25	
EAC150	1-1/2" EMT C Assembly	5	10	
EAC200	2" EMT C Assembly	1	5	
EAC250	2-1/2" EMT C Assembly	-	1	
EAC300	3" EMT C Assembly	-	1	
EAC350	3-1/2" EMT C Assembly	-	1	
EAC400	4" EMT C Assembly	-	1	

EMT Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
C Body				
EC050	1/2" EMT C Type Body	10	100	
EC075	3/4" EMT C Type Body	10	50	
EC100	1" EMT C Type Body	5	25	
EC125	1-1/4" EMT C Type Body	2	10	
EC150	1-1/2" EMT C Type Body	2	10	
EC200	2" EMT C Type Body	1	5	
EC250	2-1/2" EMT C Type Body	-	1	
EC300	3" EMT C Type Body	-	1	
EC350	3-1/2" EMT C Type Body	-	1	
EC400	4" EMT C Type Body	-	1	
LL Assembly				
EALL050	1/2" EMT LL Assembly	10	100	
EALL075	3/4" EMT LL Assembly	5	50	
EALL100	1" EMT LL Assembly	5	25	
EALL125	1-1/4" EMT LL Assembly	2	10	
EALL150	1-1/2" EMT LL Assembly	2	10	
EALL200	2" EMT LL Assembly	1	5	
EALL250	2-1/2" EMT LL Assembly	-	1	
EALL300	3" EMT LL Assembly	-	1	
EALL350	3-1/2" EMT LL Assembly	-	1	
EALL400	4" EMT LL Assembly	-	1	
LL Body				
ELL050	1/2" EMT LL Type Body	10	100	
ELL075	3/4" EMT LL Type Body	10	50	
ELL100	1" EMT LL Type Body	5	25	
ELL125	1-1/4" EMT LL Type Body	2	10	
ELL150	1-1/2" EMT LL Type Body	2	10	
ELL200	2" EMT LL Type Body	1	5	
ELL250	2-1/2" EMT LL Type Body	-	1	
ELL300	3" EMT LL Type Body	-	1	
ELL350	3-1/2" EMT LL Type Body	-	1	
ELL400	4" EMT LL Type Body	-	1	

See end of section (Pg C32-C35)) for detailed drawings »

EMT Conduit Bodies

Applications

- For use with EMT conduit for pulling access or to split a run into multiple directions. Removable cover included with complete assemblies allow access for maintenance and making taps and splices to conductors.

Product Features

- Durable die-cast aluminum construction
- Premium powder coat finish
- Combination head set screws
- Complete assemblies include a NBR synthetic rubber gasket and a stamped aluminum cover with combination head screws

Compliance

- c UL us File E212332
- 2020 NEC® compliant
- NEMA 3R rated



EALR050 - EALR400



ELR050 - ELR400



EAT050 - EAT400



ET050 - ET400

EMT Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
LR Assembly				
EALR050	1/2" EMT LR Assembly	10	100	IIIIIIII
EALR075	3/4" EMT LR Assembly	5	10	IIIIIIII
EALR100	1" EMT LR Assembly	5	25	IIIIIIII
EALR125	1-1/4" EMT LR Assembly	2	10	IIIIIIII
EALR150	1-1/2" EMT LR Assembly	2	10	IIIIIIII
EALR200	2" EMT LR Assembly	1	5	IIIIIIII
EALR250	2-1/2" EMT LR Assembly	-	1	IIIIIIII
EALR300	3" EMT LR Assembly	-	1	IIIIIIII
EALR350	3-1/2" EMT LR Assembly	-	1	IIIIIIII
EALR400	4" EMT LR Assembly	-	1	IIIIIIII
LR Body				
ELR050	1/2" EMT LR Type Body	10	100	IIIIIIII
ELR075	3/4" EMT LR Type Body	10	50	IIIIIIII
ELR100	1" EMT LR Type Body	5	25	IIIIIIII
ELR125	1-1/4" EMT LR Type Body	2	10	IIIIIIII
ELR150	1-1/2" EMT LR Type Body	2	10	IIIIIIII
ELR200	2" EMT LR Type Body	1	5	IIIIIIII
ELR250	2-1/2" EMT LR Type Body	-	1	IIIIIIII
ELR300	3" EMT LR Type Body	-	1	IIIIIIII
ELR350	3-1/2" EMT LR Type Body	-	1	IIIIIIII
ELR400	4" EMT LR Type Body	-	1	IIIIIIII

EMT Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
T Assembly				
EAT050	1/2" EMT T Assembly	10	50	IIIIIIII
EAT075	3/4" EMT T Assembly	10	50	IIIIIIII
EAT100	1" EMT T Assembly	5	25	IIIIIIII
EAT125	1-1/4" EMT T Assembly	2	10	IIIIIIII
EAT150	1-1/2" EMT T Assembly	2	10	IIIIIIII
EAT200	2" EMT T Assembly	-	2	IIIIIIII
EAT250	2-1/2" EMT T Assembly	-	1	IIIIIIII
EAT300	3" EMT T Assembly	-	1	IIIIIIII
EAT350	3-1/2" EMT T Assembly	-	1	IIIIIIII
EAT400	4" EMT T Assembly	-	1	IIIIIIII
T Body				
ET050	1/2" EMT T Type Body	10	100	IIIIIIII
ET075	3/4" EMT T Type Body	10	50	IIIIIIII
ET100	1" EMT T Type Body	5	25	IIIIIIII
ET125	1-1/4" EMT T Type Body	2	10	IIIIIIII
ET150	1-1/2" EMT T Type Body	2	10	IIIIIIII
ET200	2" EMT T Type Body	-	2	IIIIIIII
ET250	2-1/2" EMT T Type Body	-	1	IIIIIIII
ET300	3" EMT T Type Body	-	1	IIIIIIII
ET350	3-1/2" EMT T Type Body	-	1	IIIIIIII
ET400	4" EMT T Type Body	-	1	IIIIIIII

See end of section (Pg C35-C38) for detailed drawings »

Combo (Rigid/IMC or EMT) Bodies

Applications

- For use with threaded Rigid/IMC or EMT conduit for pulling access or to split a run into multiple directions. Removable cover included with complete assemblies allow access for maintenance and making taps and splices to conductors.

Product Features

- Durable die-cast aluminum construction
- Premium powder coat finish
- Combination head set screws
- Complete assemblies include a NBR synthetic rubber gasket and a stamped aluminum cover with combination head screws

Compliance

- c UL us File E212332
- 2020 NEC® compliant
- NEMA 3R rated



COLB050 - COLB200



CLB050 - CLB200



COC050 - COC200



CC050 - CC200

Combo Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
LB Assembly				
COLB050	1/2" Combo LB Assembly	10	100	IIIIIIII
COLB075	3/4" Combo LB Assembly	10	50	IIIIIIII
COLB100	1" Combo LB Assembly	5	25	IIIIIIII
COLB125	1-1/4" Combo LB Assembly	2	10	IIIIIIII
COLB150	1-1/2" Combo LB Assembly	2	10	IIIIIIII
COLB200	2" Combo LB Assembly	-	5	IIIIIIII
LB Body				
CLB050	1/2" Combo LB Type Body	10	100	IIIIIIII
CLB075	3/4" Combo LB Type Body	10	50	IIIIIIII
CLB100	1" Combo LB Type Body	5	25	IIIIIIII
CLB125	1-1/4" Combo LB Type Body	2	10	IIIIIIII
CLB150	1-1/2" Combo LB Type Body	2	10	IIIIIIII
CLB200	2" Combo LB Type Body	-	5	IIIIIIII

Combo Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
C Assembly				
COC050	1/2" Combo C Assembly	10	100	IIIIIIII
COC075	3/4" Combo C Assembly	10	50	IIIIIIII
COC100	1" Combo C Assembly	5	25	IIIIIIII
COC125	1-1/4" Combo C Assembly	2	10	IIIIIIII
COC150	1-1/2" Combo C Assembly	2	10	IIIIIIII
COC200	2" Combo C Assembly	-	5	IIIIIIII
C Body				
CC050	1/2" Combo C Type Body	10	100	IIIIIIII
CC075	3/4" Combo C Type Body	10	50	IIIIIIII
CC0100	1" Combo C Type Body	5	25	IIIIIIII
CC0125	1-1/4" Combo C Type Body	2	10	IIIIIIII
CC150	1-1/2" Combo C Type Body	2	10	IIIIIIII
CC200	2" Combo C Type Body	-	5	IIIIIIII

See end of section (Pg C36-C39) for detailed drawings »

Conduit Bodies

Combo (Rigid/IMC or EMT) Bodies

Applications

- For use with threaded rigid/IMC or EMT for pulling access or to split a run into multiple directions. Removable cover included with complete assemblies allow access for maintenance and making taps and splices to conductors.



COLL050 - COLL200



CLL050 - CLL200



COLR050 - COLR200

Product Features

- Durable die-cast aluminum construction
- Premium powder coat finish
- Combination head set screws
- Complete assemblies include a NBR synthetic rubber gasket and a stamped aluminum cover with combination head screws



COT050 - COT200



CT050 - CT200



CLR050 - CLR200

Compliance

- c UL us File E212332
- 2020 NEC® compliant
- NEMA 3R rated

Combo Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
LL Assembly				
COLL050	1/2" Combo LL Assembly	10	100	IIIIIIIII
COLL075	3/4" Combo LL Assembly	10	50	IIIIIIIII
COLL100	1" Combo LL Assembly	5	25	IIIIIIIII
COLL125	1-1/4" Combo LL Assembly	2	10	IIIIIIIII
COLL150	1-1/2" Combo LL Assembly	2	10	IIIIIIIII
COLL200	2" Combo LL Assembly	-	5	IIIIIIIII
LL Body				
CLL050	1/2" Combo LL Type Body	10	100	
CLL075	3/4" Combo LL Type Body	10	50	
CLL100	1" Combo LL Type Body	5	25	
CLL125	1-1/4" Combo LL Type Body	2	10	
CLL150	1-1/2" Combo LL Type Body	2	10	
CLL200	2" Combo LL Type Body	-	5	
LR Assembly				
COLR050	1/2" Combo LR Assembly	10	100	
COLR075	3/4" Combo LR Assembly	10	50	
COLR100	1" Combo LR Assembly	5	25	
COLR125	1-1/4" Combo LR Assembly	2	10	
COLR150	1-1/2" Combo LR Assembly	2	10	
COLR200	2" Combo LR Assembly	-	5	

Combo Conduit Fittings

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
LR Body				
CLR050	1/2" Combo LR Type Body	10	100	
CLR075	3/4" Combo LR Type Body	10	50	
CLR100	1" Combo LR Type Body	5	25	
CLR125	1-1/4" Combo LR Type Body	2	10	
CLR150	1-1/2" Combo LR Type Body	2	10	
CLR200	2" Combo LR Type Body	-	5	
T Assembly				
COT050	1/2" Combo T Assembly	10	100	
COT075	3/4" Combo T Assembly	10	50	
COT100	1" Combo T Assembly	5	25	
COT125	1-1/4" Combo T Assembly	2	10	
COT150	1-1/2" Combo T Assembly	2	10	
COT200	2" Combo T Assembly	-	5	
T Body				
CT050	1/2" Combo T Type Body	10	100	
CT075	3/4" Combo T Type Body	10	50	
CT100	1" Combo T Type Body	5	25	
CT125	1-1/4" Combo T Type Body	2	10	
CT150	1-1/2" Combo T Type Body	2	10	
CT200	2" Combo T Type Body	-	5	

See end of section (Pg C37-C42) for detailed drawings »

Conduit Body Covers

Applications

- For use with TayMac threaded Rigid/IMC, EMT, or Combo conduit bodies.

Product Features

- Covers made of durable stamped steel or aluminum construction
- Retained combination head screws included with covers
- Gasket made of NBR synthetic rubber

Compliance

- c UL us File E212332
- 2020 NEC® compliant
- NEMA 3R rated



SSC050 - SSC400
Stamped Steel Cover



CSC050 - CSC400
Stamped Aluminum Cover



CRG050 - CRG400
Rubber Gasket

Conduit Body Covers

Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
Stamped Steel				
SSC050	1/2" Stamped Steel Cover	25	250	IIIIIIII
SSC075	3/4" Stamped Steel Cover	25	250	IIIIIIII
SSC100	1" Stamped Steel Cover	10	100	IIIIIIII
SSC125	1-1/4" Stamped Steel Cover	-	25	IIIIIIII
SSC150	1-1/2" Stamped Steel Cover	-	25	IIIIIIII
SSC200	2" Stamped Steel Cover	-	25	IIIIIIII
SSC250	2-1/2" Stamped Steel Cover	-	10	IIIIIIII
SSC300	3" Stamped Steel Cover	-	10	IIIIIIII
SSC350	3-1/2" Stamped Steel Cover	-	5	IIIIIIII
SSC400	4" Stamped Steel Cover	-	5	IIIIIIII
Stamped Aluminum				
CSC050	1/2" Stamped Alum. Cover	-	100	IIIIIIII
CSC075	3/4" Stamped Alum. Cover	-	100	IIIIIIII
CSC100	1" Stamped Alum. Cover	-	50	IIIIIIII
CSC125	1-1/4" Stamped Alum. Cover	-	50	IIIIIIII
CSC150	1-1/2" Stamped Alum. Cover	-	25	IIIIIIII
CSC200	2" Stamped Alum. Cover	-	10	IIIIIIII
CSC250	2-1/2" Stamped Alum. Cover	-	10	IIIIIIII
CSC300	3" Stamped Alum. Cover	-	10	IIIIIIII
CSC350	3-1/2" Stamped Alum. Cover	-	10	IIIIIIII
CSC400	4" Stamped Alum. Cover	-	10	IIIIIIII

Conduit Body Gaskets

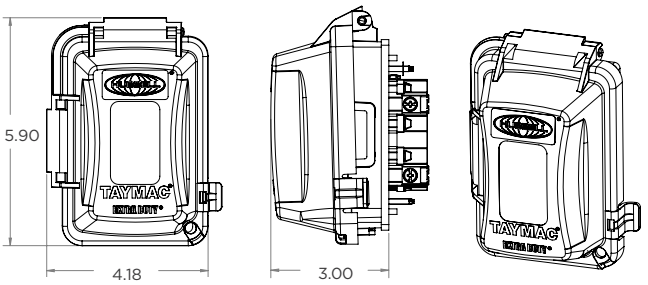
Catalog #	Description	Unit Ctn Qty	Ship Ctn Qty	Bar Code
CRG050	1/2" Rubber Gasket	-	500	IIIIIIII
CRG075	3/4" Rubber Gasket	-	500	IIIIIIII
CRG100	1" Rubber Gasket	-	500	IIIIIIII
CRG125	1-1/4" Rubber Gasket	-	200	IIIIIIII
CRG150	1-1/2" Rubber Gasket	-	200	IIIIIIII
CRG200	2" Rubber Gasket	-	100	IIIIIIII
CRG250	2-1/2" Rubber Gasket	-	50	IIIIIIII
CRG300	3" Rubber Gasket	-	50	IIIIIIII
CRG350	3-1/2" Rubber Gasket	-	50	IIIIIIII
CRG400	4" Rubber Gasket	-	50	IIIIIIII

See end of section (Pg C43) for detailed drawings »

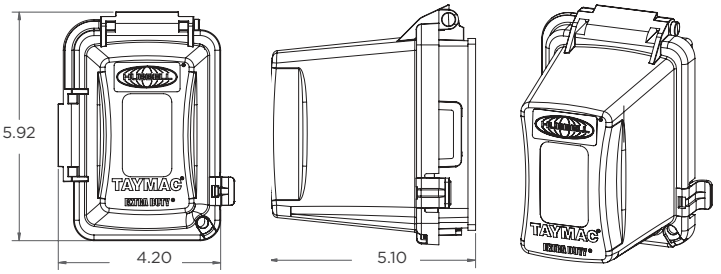
Detailed Drawings

Non-Metallic In-Use Covers

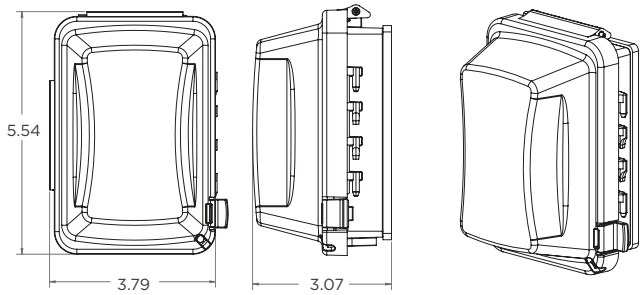
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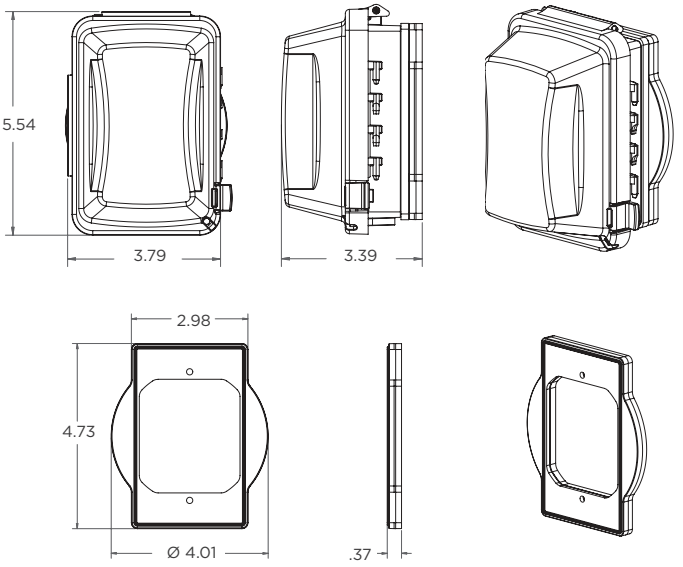
MM720



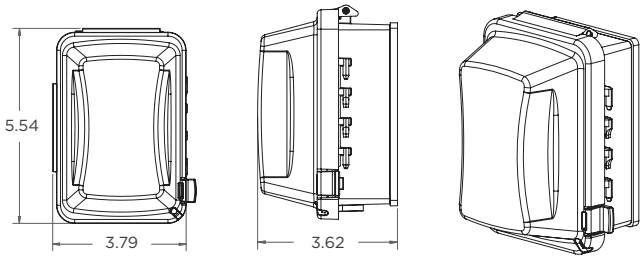
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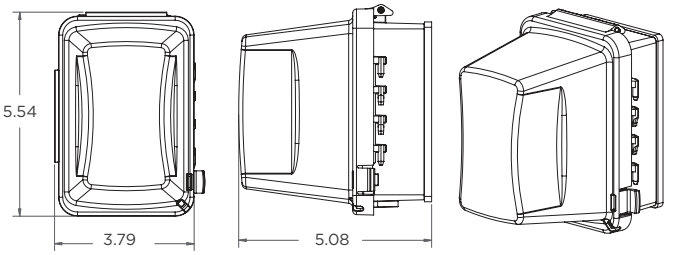
MM410CA (While-In-Use Cover with Round Box Adapter Plate)



MM510



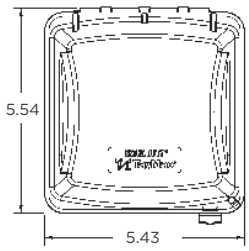
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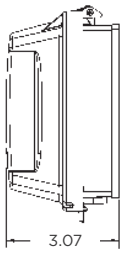


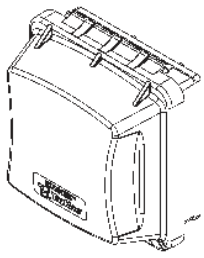
See end of section (Pg C40) for detailed drawings »

Non-Metallic Covers

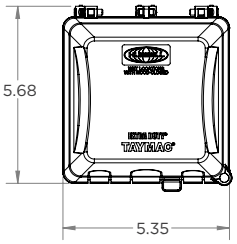
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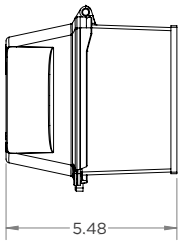


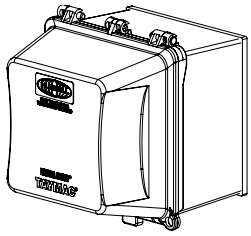




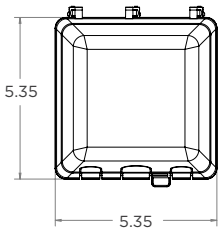
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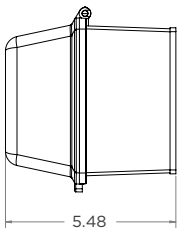


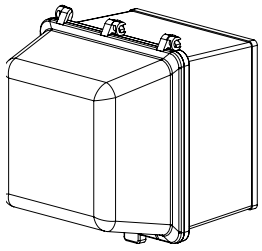




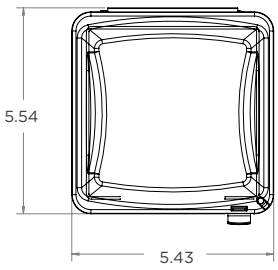
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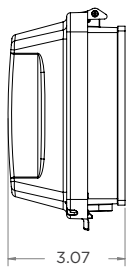


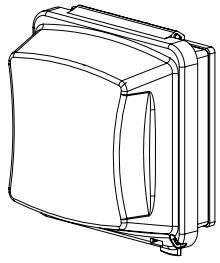




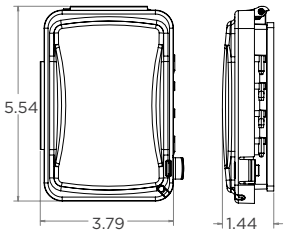
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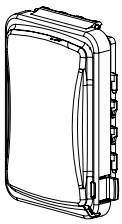




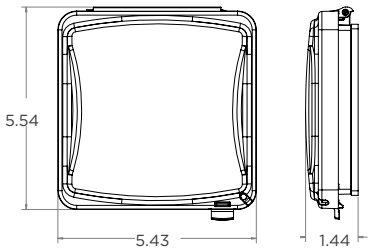


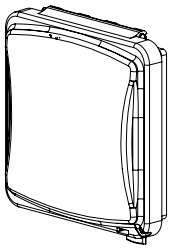
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MM1410

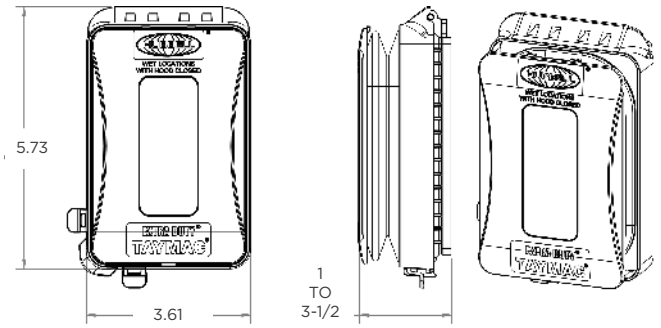




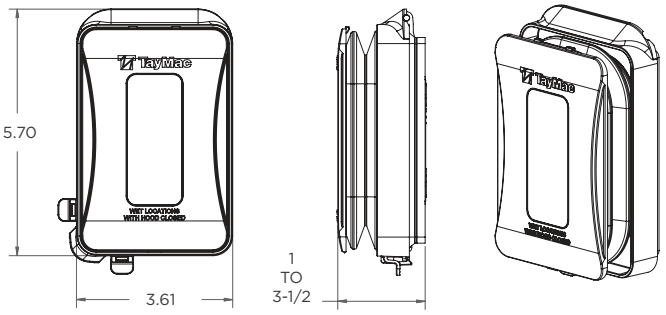
Detailed Drawings

Low Profile In-Use Covers

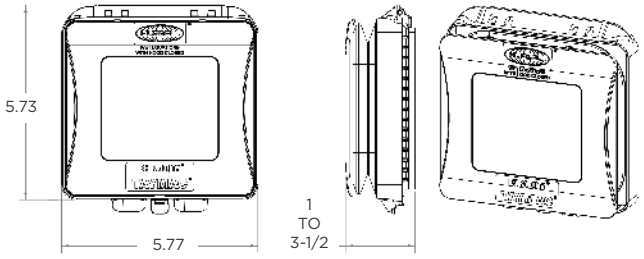
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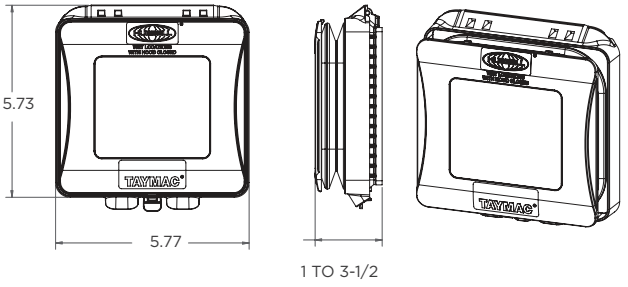
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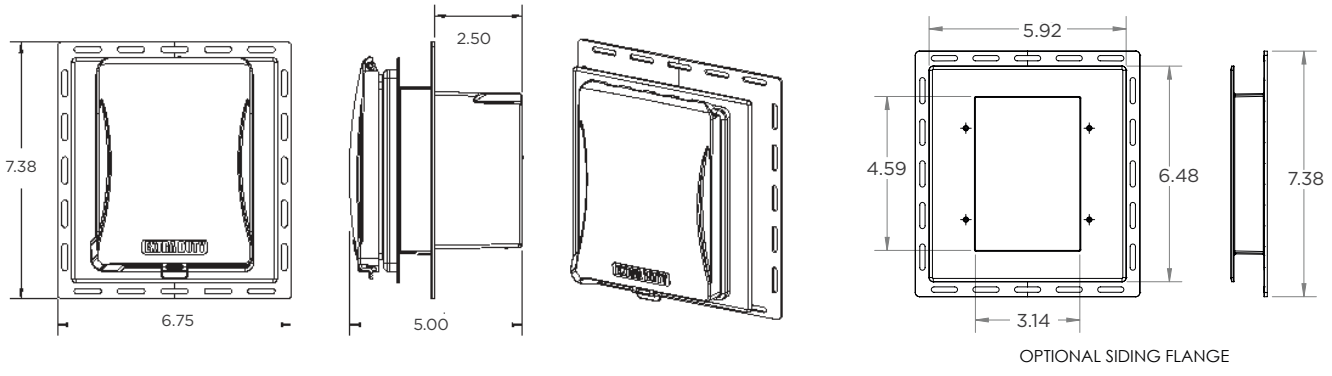
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ML2450

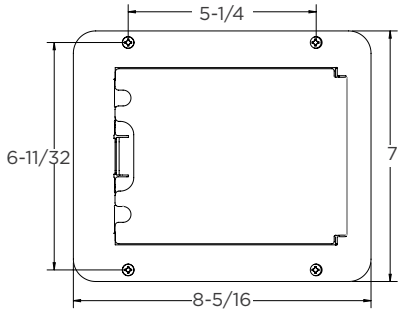


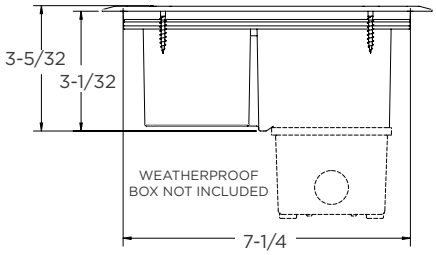
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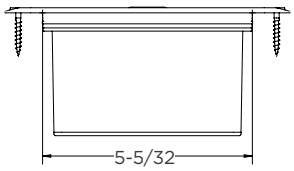


Outdoor Outlet Covers

DOC320

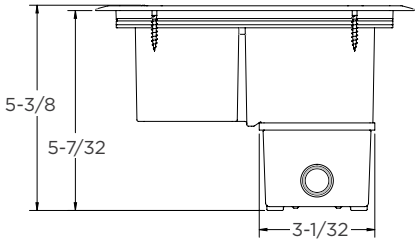






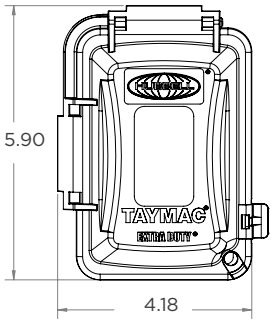
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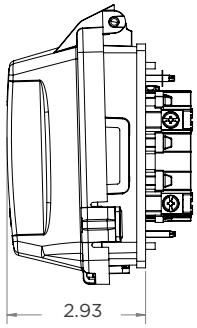


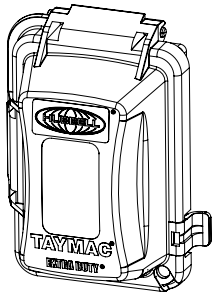


In-Use Cover Combos

MG420CS / MG420C-20



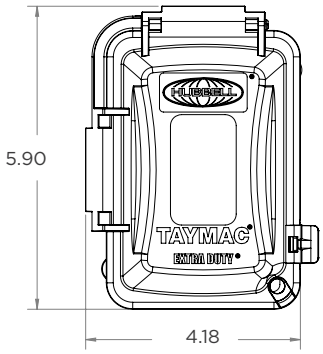


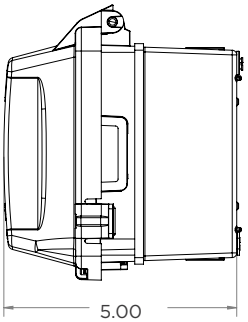


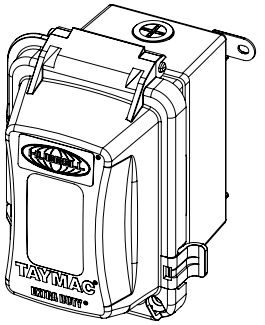
Detailed Drawings

In-Use Cover Complete Kits

MKG420CS

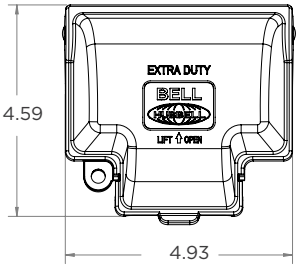


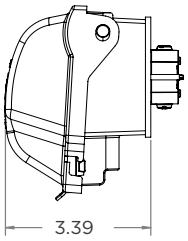


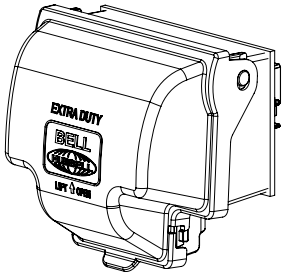


Metal In-Use Cover Combos

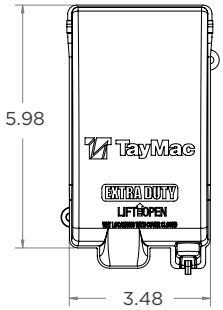
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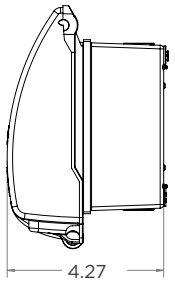


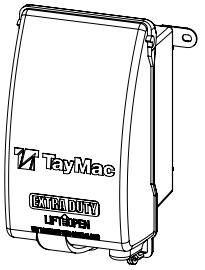




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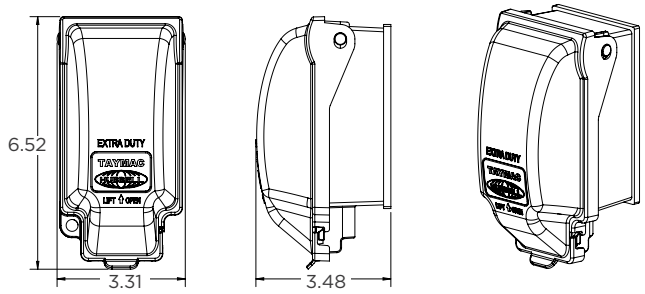




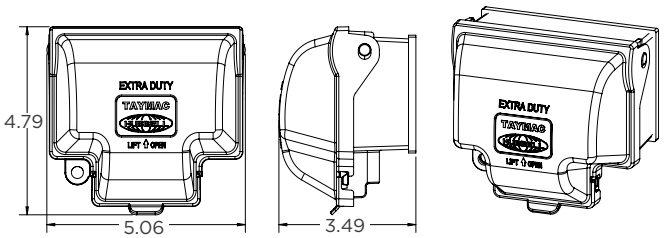


Metal In-Use Covers

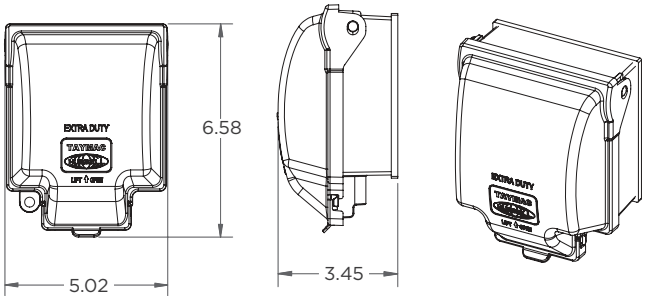
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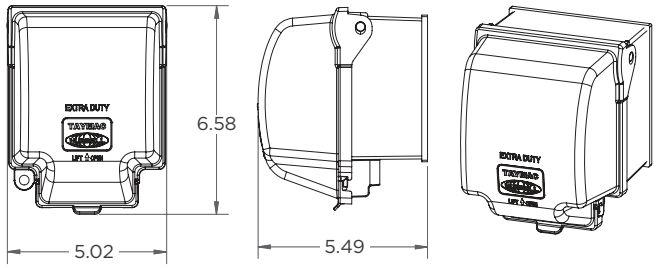
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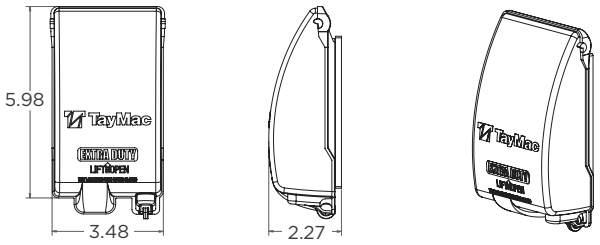
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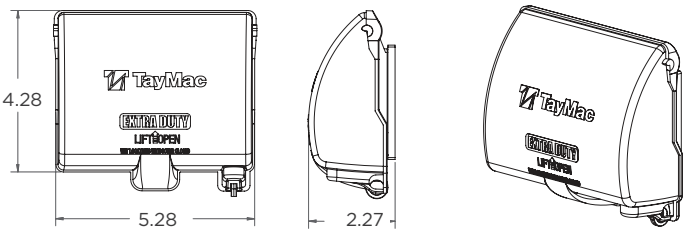
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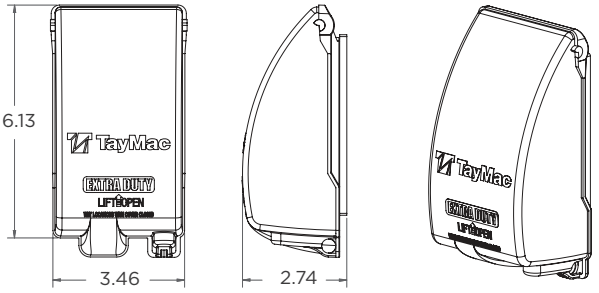
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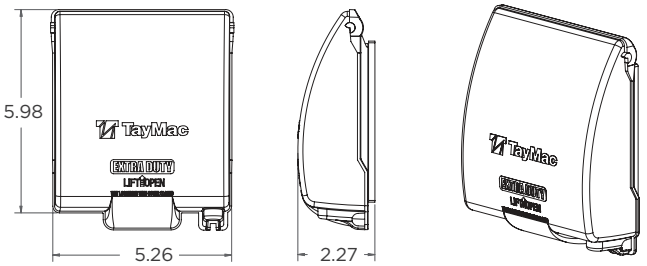
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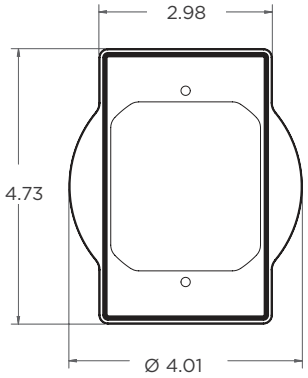
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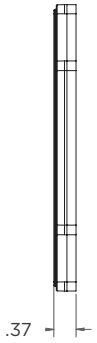


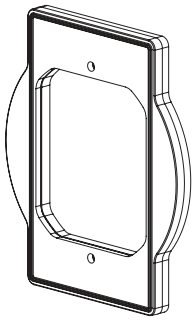
Detailed Drawings

Accessories

PRBA400G



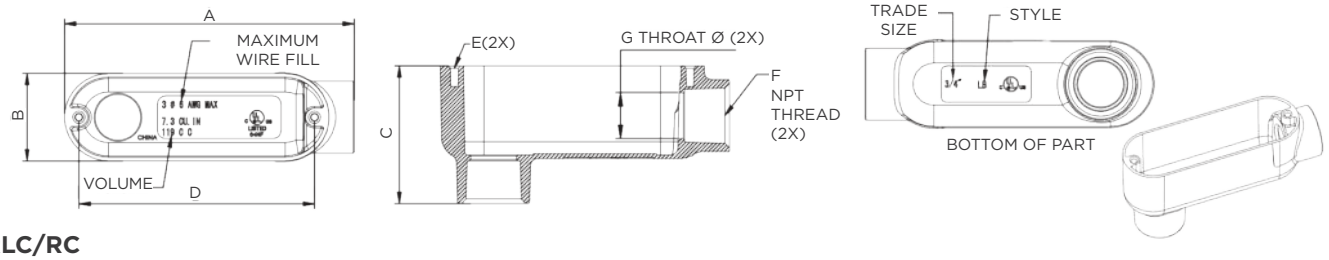




Conduit Bodies

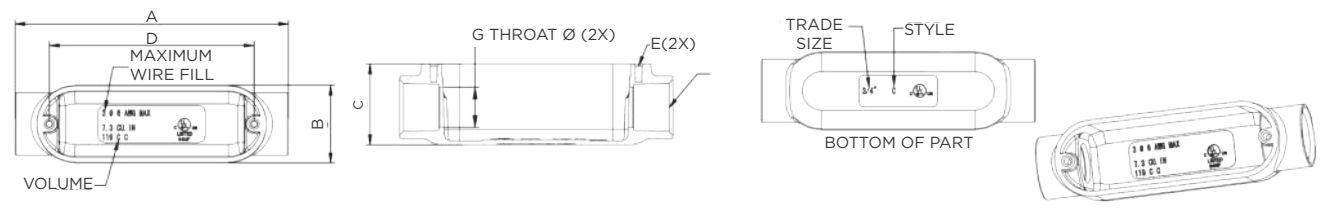
RLB/LB

Trade Size	Catalog Number	A	B	C	D ± 0.010 [.25]	E Tapped Holes	F NPT Thread	G Throat Dia +0/-0.020[0.51]	Volume	Maximum Wire Fill
1/2"	RLB050	4.31	1.34	2.09	3.500	#8-32UNC-2B	1/2"-14NPT	0.612	4.3 CU.IN	
		109.5	34.0	53.1	88.90			15.54	70 CC	
3/4"	RLB075	5.08	1.56	2.39	4.125	#8-32UNC-2B	3/4"-14NPT	0.814	7.3 CU.IN	3 # 6 AWG MAX
		129.0	39.6	60.7	104.78			20.68	119 CC	
1"	RLB100	5.92	1.82	2.78	4.830	#8-32UNC-2B	1"-11 1/2NPT	1.039	12.0 CU.IN	3 # 4 AWG MAX
		150.4	46.2	70.6	122.68			26.39	196 CC	
1-1/4"	RLB125	7.82	2.51	3.52	6.500	#12-24UNC-2B	1-1/4"-11 1/2NPT	1.370	32.3 CU.IN	3 # 2 AWG MAX
		198.6	63.8	89.4	165.10			34.80	529 CC	
1-1/2"	RLB150	7.82	2.51	3.52	6.500	#12-24UNC-2B	1-1/2"-11 1/2NPT	1.600	34.2 CU.IN	3 # 2 AWG MAX
		198.6	63.8	89.4	165.10			40.64	560 CC	
2"	RLB200	10.05	3.19	4.51	8.562	#12-24UNC-2B	2"-11 1/2NPT	2.057	71.4 CU.IN	3 # 2/0 MAX
		255.3	81.0	114.6	217.47			52.25	1170 CC	
2-1/2"	RLB250	12.83	4.49	5.31	11.250	5/16"-18 UNC-2B	2-1/2"-8NPT	2.459	157.4 CU.IN	3 # 4/0 MAX
		325.9	114.0	134.9	285.75			62.46	2579 CC	
3"	RLB300	12.83	4.49	5.91	11.250	5/16"-18 UNC-2B	3"-8NPT	3.058	179.8 CU.IN	3 # 250 MAX
		325.9	114.0	150.1	285.75			77.67	2946 CC	
3-1/2"	RLB350	15.65	5.55	7.09	13.687	5/16"-18 UNC-2B	3-1/2"-8NPT	3.538	323.0 CU.IN	3 # 250 MAX
		397.5	141.0	180.1	347.65			89.87	5293 CC	
4"	RLB400	15.65	5.55	7.09	13.687	5/16"-18 UNC-2B	4"-8NPT	4.016	323.0 CU.IN	3 # 250 MAX
		397.5	141.0	180.1	347.65			102.01	5293 CC	



RLC/RC

Trade Size	Catalog Number	A	B	C	D ± 0.010 [.25]	E Tapped Holes	F NPT Thread	G Throat Dia +0/-0.020[0.51]	Volume	Maximum Wire Fill
1/2"	RLC050	4.72	1.34	1.36	3.500	#8-32UNC-2B	1/2"-14NPT	0.612	4.3 CU.IN	
		119.9	34.0	34.5	88.90			15.54	70 CC	
3/4"	RLC075	5.51	1.56	1.63	4.125	#8-32UNC-2B	3/4"-14NPT	0.814	7.3 CU.IN	3 # 6 AWG MAX
		140.0	39.6	41.3	104.78			20.68	119 CC	
1"	RLC100	6.46	1.82	1.89	4.830	#8-32UNC-2B	1"-11 1/2NPT	1.039	12.0 CU.IN	3 # 4 AWG MAX
		164.1	46.2	48.0	122.68			26.39	196 CC	
1-1/4"	RLC125	8.35	2.51	2.50	6.500	#12-24UNC-2B	1-1/4"-11 1/2NPT	1.370	32.3 CU.IN	3 # 2 AWG MAX
		212.1	63.8	63.5	165.10			34.80	529 CC	
1-1/2"	RLC150	8.35	2.51	2.50	6.500	#12-24UNC-2B	1-1/2"-11 1/2NPT	1.600	34.2 CU.IN	3 # 2 AWG MAX
		212.1	63.8	63.5	165.10			40.64	560 CC	
2"	RLC200	10.55	3.19	3.41	8.562	#12-24UNC-2B	2"-11 1/2NPT	2.057	71.4 CU.IN	3 # 2/0 MAX
		268.0	81.0	86.6	217.47			52.25	1170 CC	
2-1/2"	RLC250	13.46	4.49	3.98	11.250	5/16"-18 UNC-2B	2-1/2"-8NPT	2.459	157.4 CU.IN	3 # 4/0 MAX
		341.9	114.0	101.1	285.75			62.46	2579 CC	
3"	RLC300	13.46	4.49	4.53	11.250	5/16"-18 UNC-2B	3"-8NPT	3.058	179.8 CU.IN	3 # 250 MAX
		341.9	114.0	115.1	285.75			77.67	2946 CC	
3-1/2"	RLC350	16.30	5.55	5.59	13.687	5/16"-18 UNC-2B	3-1/2"-8NPT	3.538	323.0 CU.IN	3 # 250 MAX
		414.0	141.0	142.0	347.65			89.87	5293 CC	
4"	RLC400	16.30	5.55	5.59	13.687	5/16"-18 UNC-2B	4"-8NPT	4.016	323.0 CU.IN	3 # 250 MAX
		414.0	141.0	142.0	347.65			102.01	5293 CC	



Detailed Drawings

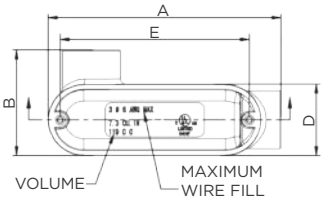
Accessories

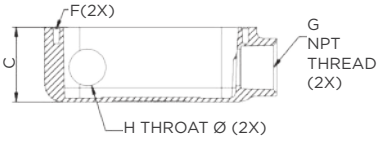
RLL/LL

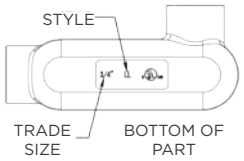
Trade Size	Catalog Number	A	B	C	D	E ± 0.010 [.25]	F Tapped Holes	G NPT Thread	H Throat Dia +0/-0.020 [0.51]	Volume	Maximum Wire Fill
1/2"	RLL050	4.31	2.03	1.36	1.34	3.500	#8-32UNC-2B	1/2"-14NPT	0.612	4.3 CU.IN	
		109.5	51.6	34.5	34.0	88.90			15.54	70 CC	
3/4"	RLL075	5.08	2.30	1.63	1.56	4.125	#8-32UNC-2B	3/4"-14NPT	0.814	7.3 CU.IN	3 # 6 AWG MAX
		129.0	58.4	41.3	39.6	104.78			20.68	119 CC	
1"	RLL100	5.92	2.68	1.89	1.82	4.830	#8-32UNC-2B	1"-11 1/2NPT	1.039	12.0 CU.IN	3 # 4 AWG MAX
		150.4	68.1	48.0	46.2	122.68			26.39	196 CC	
1-1/4"	RLL125	7.82	3.52	2.50	2.51	6.500	#12-24UNC-2B	1-1/4"-11 1/2NPT	1.370	32.3 CU.IN	3 # 2 AWG MAX
		198.6	89.4	63.5	63.8	165.10			34.80	529 CC	
1-1/2"	RLL150	7.82	3.52	2.50	2.51	6.500	#12-24UNC-2B	1-1/2"-11 1/2NPT	1.600	34.2 CU.IN	3 # 2 AWG MAX
		198.6	89.4	63.5	63.8	165.10			40.64	560 CC	
2"	RLL200	10.05	4.27	3.41	3.19	8.562	#12-24UNC-2B	2"-11 1/2NPT	2.057	71.4 CU.IN	3 # 2/0 MAX
		255.3	108.5	86.6	81.0	217.47			52.25	1170 CC	
2-1/2"	RLL250	12.83	5.89	3.98	4.49	11.250	5/16"-18 UNC-2B	2-1/2"-8NPT	2.459	157.4 CU.IN	3 # 4/0 MAX
		325.9	149.6	101.1	114.0	285.75			62.46	2579 CC	
3"	RLL300	12.83	5.89	4.53	4.49	11.250	5/16"-18 UNC-2B	3"-8NPT	3.058	179.8 CU.IN	3 # 250 MAX
		325.9	149.6	115.1	114.0	285.75			77.67	2946 CC	
3-1/2"	RLL350	15.65	7.66	5.59	5.55	13.687	5/16"-18 UNC-2B	3-1/2"-8NPT	3.538	323.0 CU.IN	3 # 250 MAX
		397.5	194.6	142.0	141.0	347.65			89.87	5293 CC	
4"	RLL400	15.65	7.66	5.59	5.55	13.687	5/16"-18 UNC-2B	4"-8NPT	4.016	323.0 CU.IN	3 # 250 MAX
		397.5	194.6	142.0	141.0	347.65			102.01	5293 CC	

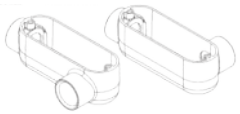
RLB/RLC/RLL/RLR/RLT (Cover Plate)

Trade Size	A	B	C	D ± 0.02	E	F	G
1/2"	3.900	1.340	0.070	3.500	2.890	0.827	0.181
	99.1	34.0	1.8	88.90	73.4	21.0	4.6
3/4"	4.665	1.535	0.070	4.126	3.426	0.886	0.181
	118.5	39.0	1.8	104.8	88.0	22.5	4.6
1"	5.374	1.732	0.070	4.831	4.291	1.398	0.181
	136.5	44.0	1.8	122.7	109.0	35.5	4.6
1-1/4"	7.283	2.500	0.070	6.500	5.827	1.437	0.181
	185.0	63.5	1.8	165.10	148.0	36.5	4.6
1-1/2"	7.283	2.500	0.070	6.500	5.827	1.437	0.181
	185.0	63.5	1.8	165.10	148.0	36.5	4.6
2"	9.488	3.150	0.070	8.563	7.539	1.732	0.181
	241.0	80.0	1.8	217.5	191.5	44.0	4.6
2-1/2"	12.205	4.528	0.098	11.25	10.236	2.362	0.197
	310.0	115.0	2.5	285.8	260.0	60.0	5.0
3"	12.205	4.528	0.098	11.25	10.236	2.362	0.197
	310.0	115.0	2.5	285.8	260.0	60.0	5.0
3-1/2"	14.961	5.512	0.098	13.69	12.598	2.992	0.197
	380.0	140.0	2.5	347.6	320.0	76.0	5.0
4"	14.961	5.512	0.098	13.685	12.598	2.992	0.197
	380.0	140.0	2.5	347.6	320.0	76.0	5.0



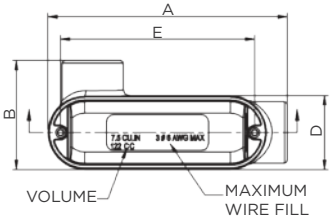


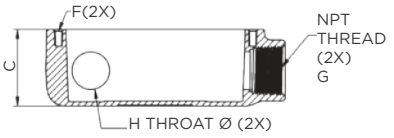


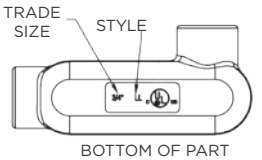


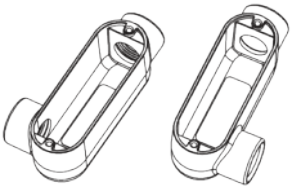
RLR/LR

Trade Size	Catalog Number	A	B	C	D	E ± 0.010 [.25]	F Tapped Holes	G NPT Thread	H Throat Dia +0/-0.020[0.51]	Volume	Maximum Wire Fill
1/2"	RLR050	4.31	2.03	1.36	1.34	3.500	#8-32UNC-2B	1/2"-14NPT	0.612	4.3 CU.IN	
		109.5	51.6	34.5	34.0	88.90			15.54	70 CC	
3/4"	RLR075	5.08	2.30	1.63	1.56	4.125	#8-32UNC-2B	3/4"-14NPT	0.814	7.3 CU.IN	3 # 6 AWG MAX
		129.0	58.4	41.3	39.6	104.78			20.68	119 CC	
1"	RLR100	5.92	2.68	1.89	1.82	4.830	#8-32UNC-2B	1"-11 1/2NPT	1.039	12.0 CU.IN	3 # 4 AWG MAX
		150.4	68.1	48.0	46.2	122.68			26.39	196 CC	
1-1/4"	RLR125	7.82	3.52	2.50	2.51	6.500	#12-24UNC-2B	1-1/4"-11 1/2NPT	1.370	32.3 CU.IN	3 # 2 AWG MAX
		198.6	89.4	63.5	63.8	165.10			34.80	529 CC	
1-1/2"	RLR150	7.82	3.52	2.50	2.51	6.500	#12-24UNC-2B	1-1/2"-11 1/2NPT	1.600	34.2 CU.IN	3 # 2 AWG MAX
		198.6	89.4	63.5	63.8	165.10			40.64	560 CC	
2"	RLR200	10.05	4.27	3.41	3.19	8.562	#12-24UNC-2B	2"-11 1/2NPT	2.057	71.4 CU.IN	3 # 2/0 MAX
		255.3	108.5	86.6	81.0	217.47			52.25	1170 CC	
2-1/2"	RLR250	12.83	5.89	3.98	4.49	11.250	5/16"-18 UNC-2B	2-1/2"-8NPT	2.459	157.4 CU.IN	3 # 4/0 MAX
		325.9	149.6	101.1	114.0	285.75			62.46	2579 CC	
3"	RLR300	12.83	5.89	4.53	4.49	11.250	5/16"-18 UNC-2B	3"-8NPT	3.058	179.8 CU.IN	3 # 250 MAX
		325.9	149.6	115.1	114.0	285.75			77.67	2946 CC	
3-1/2"	RLR350	15.65	7.66	5.59	5.55	13.687	5/16"-18 UNC-2B	3-1/2"-8NPT	3.538	323.0 CU.IN	3 # 250 MAX
		397.5	194.6	142.0	141.0	347.65			89.87	5293 CC	
4"	RLR400	15.65	7.66	5.59	5.55	13.687	5/16"-18 UNC-2B	4"-8NPT	4.016	323.0 CU.IN	3 # 250 MAX
		397.5	194.6	142.0	141.0	347.65			102.01	5293 CC	



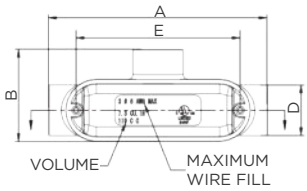


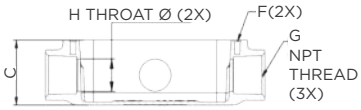


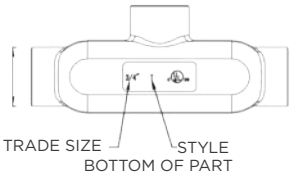


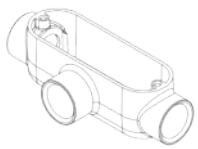
RLT/T

Trade Size	Catalog Number	A	B	C	D	E ± 0.010 [.25]	F Tapped Holes	G NPT Thread	H Throat Dia +0/-0.020[0.51]	Volume	Maximum Wire Fill
1/2"	RLT050	4.72	2.03	1.36	1.34	3.500	#8-32UNC-2B	1/2"-14NPT	0.612	4.3 CU.IN	
		119.9	51.6	34.5	34.0	88.90			15.54	70 CC	
3/4"	RLT075	5.51	2.30	1.63	1.56	4.125	#8-32UNC-2B	3/4"-14NPT	0.814	7.3 CU.IN	3 # 6 AWG MAX
		140.0	58.4	41.3	39.6	104.78			20.68	119 CC	
1"	RLT100	6.46	2.68	1.89	1.82	4.830	#8-32UNC-2B	1"-11 1/2NPT	1.039	12.0 CU.IN	3 # 4 AWG MAX
		164.1	68.1	48.0	46.2	122.68			26.39	196 CC	
1-1/4"	RLT125	8.35	3.52	2.50	2.51	6.500	#12-24UNC-2B	1-1/4"-11 1/2NPT	1.370	32.3 CU.IN	3 # 2 AWG MAX
		212.1	89.4	63.5	63.8	165.10			34.80	529 CC	
1-1/2"	RLT150	8.35	3.52	2.50	2.51	6.500	#12-24UNC-2B	1-1/2"-11 1/2NPT	1.600	34.2 CU.IN	3 # 2 AWG MAX
		212.1	89.4	63.5	63.8	165.10			40.64	560 CC	
2"	RLT200	10.55	4.27	3.41	3.19	8.562	#12-24UNC-2B	2"-11 1/2NPT	2.057	71.4 CU.IN	3 # 2/0 MAX
		268.0	108.5	86.6	81.0	217.47			52.25	1170 CC	
2-1/2"	RLT250	13.46	5.89	3.98	4.49	11.250	5/16"-18 UNC-2B	2-1/2"-8NPT	2.459	157.4 CU.IN	3 # 4/0 MAX
		341.9	149.6	101.1	114.0	285.75			62.46	2579 CC	
3"	RLT300	13.46	5.89	4.53	4.49	11.250	5/16"-18 UNC-2B	3"-8NPT	3.058	179.8 CU.IN	3 # 250 MAX
		341.9	149.6	115.1	114.0	285.75			77.67	2946 CC	
3-1/2"	RLT350	16.30	7.66	5.59	5.55	13.687	5/16"-18 UNC-2B	3-1/2"-8NPT	3.538	323.0 CU.IN	3 # 250 MAX
		414.0	194.6	142.0	141.0	347.65			89.87	5293 CC	
4"	RLT400	16.30	7.66	5.59	5.55	13.687	5/16"-18 UNC-2B	4"-8NPT	4.016	323.0 CU.IN	3 # 250 MAX
		414.0	194.6	142.0	141.0	347.65			102.01	5293 CC	



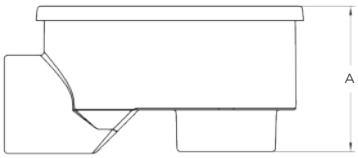


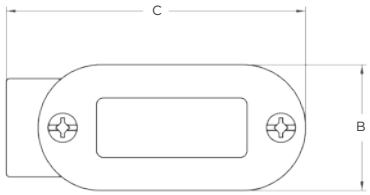




RSLB

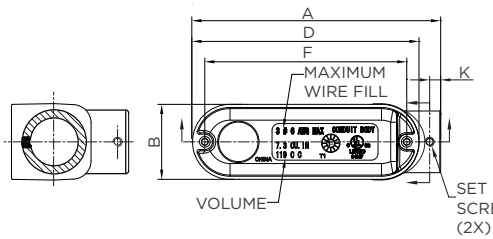
Catalog Number	Conduit Size	A	B	C
RSLB050	1/2"	1.587	1.366	3.26
RSLB075	3/4"	1.878	1.693	3.663
RSLB100	1"	2.087	1.917	4.272
RSLB125	1-1/4"	2.579	2.39	5.506
RSLB150	1-1/2"	2.697	2.654	6.217
RSLB200	2"	3.075	3.122	6.715

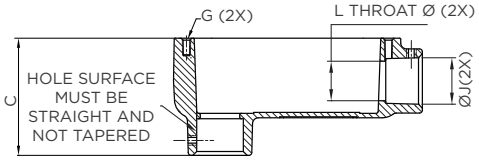


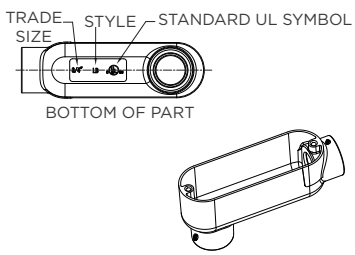


EALB/ELB

Trade Size	Catalog Number	A	B	C	D	F ± 0.010 [.25]	G Tapped Holes	ØJ	K	ØL	Volume	Maximum Wire Fill	SET SCREW (2X)
1/2"	ELB050	4.31	1.34	2.09	3.90	3.500	#8-32UNC-2B	0.721	0.225	0.612	4.3 CU.IN		#12-24UNCX.030"
		[109.5]	[34.0]	[53.0]	[99.0]	[88.90]		[18.32]	[5.72]	[15.54]	70 CC		[7.62] LONG
3/4"	ELB075	5.08	1.56	2.39	4.63	4.125	#8-32UNC-2B	0.955	0.225	0.814	7.3 CU.IN	3 # 6 AWG	#12-24UNCX.030"
		[129.1]	[39.7]	[60.8]	[117.5]	[104.77]		[24.26]	[5.72]	[20.68]	119 CC	MAX	[7.62] LONG
1"	ELB100	5.92	1.82	2.78	5.35	4.830	#8-32UNC-2B	1.178	0.225	1.039	12.0 CU.IN	3 # 4 AWG	#12-24UNCX.030"
		[150.35]	[46.2]	[70.5]	[135.8]	[122.68]		[29.92]	[5.72]	[26.39]	196 CC	MAX	[7.62] LONG



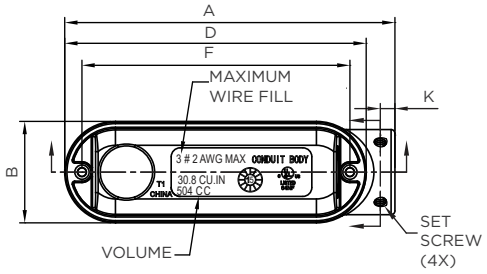


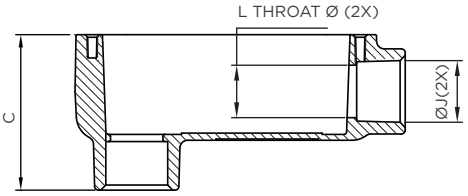


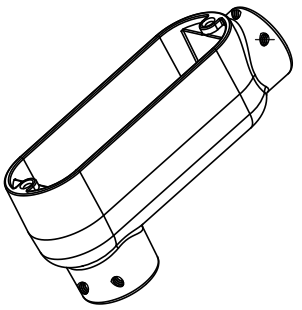
Detailed Drawings

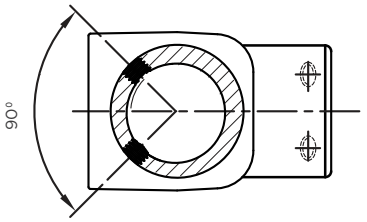
EALB/ELB (cont.)

Trade Size	Catalog Number	A	B	C	D	F ± 0.010 [.25]	G Tapped Holes	ØJ	K	ØL	Volume	Maximum Wire Fill	SET SCREW (4X)
1-1/4"	ELB125	7.82 [198.6]	2.51 [63.7]	3.52 [89.5]	7.24 [184.0]	6.500 [165.1]	#12-24 UNC-2B	1.525 [38.74]	0.260 [6.60]	1.370 [34.80]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
1-1/2"	ELB150	7.82 [198.6]	2.51 [63.7]	3.52 [89.5]	7.24 [184.0]	6.500 [165.1]	#12-24 UNC-2B	1.755 [44.58]	0.338 [8.58]	1.600 [40.64]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
2"	ELB200	10.05 [255.3]	3.19 [81.0]	4.51 [114.5]	9.49 [241.0]	8.562 [217.48]	#12-24 UNC-2B	2.121 [56.18]	0.350 [8.89]	2.025 [51.44]	67.0 CU.IN 1098 CC	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG
2-1/2"	ELB250	12.83 [326]	4.49 [114.0]	5.31 [135.0]	12.20 [310.0]	11.250 [285.75]	5/16"-18 UNC-2B	2.895 [73.53]	0.375 [9.53]	2.660 [67.56]	157.3 CU.IN 2578 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
3"	ELB300	12.83 [326]	4.49 [114.0]	5.91 [150.0]	12.20 [310.0]	11.250 [285.75]	5/16"-18 UNC-2B	3.520 [89.41]	0.375 [9.53]	3.272 [83.11]	179.8 CU.IN 2946 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
3-1/2"	ELB350	15.65 [397.5]	5.55 [141.0]	7.09 [180.0]	15.0 [381.0]	13.687 [347.65]	5/16"-18 UNC-2B	4.035 [102.50]	0.500 [12.7]	3.755 [95.38]	323.0 CU.IN 5293 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
4"	ELB400	15.65 [397.5]	5.55 [141.0]	7.09 [180.0]	15.0 [381.0]	13.687 [347.65]	5/16"-18 UNC-2B	4.525 [114.94]	0.500 [12.7]	4.225 [107.32]	323.0 CU.IN 5293 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG



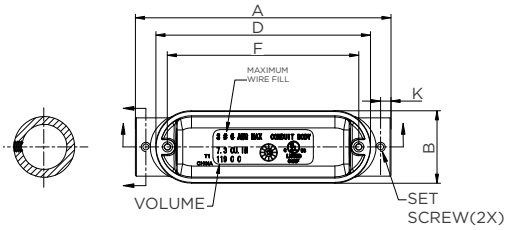


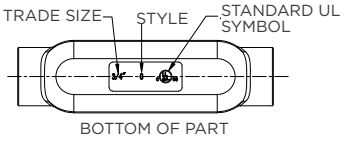


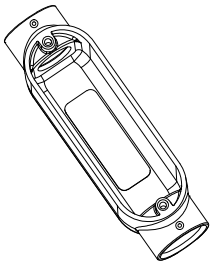


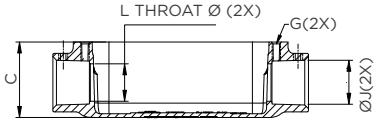
EAC/EC

Trade Size	Catalog Number	A	B	C	D	F ± 0.010 [.25]	G Tapped Holes	ØJ	K	ØL	Volume	Maximum Wire Fill	SET SCREW (2X)
1/2"	EC050	4.72 [120]	1.34 [34.0]	1.36 [34.5]	3.90 [99.0]	3.500 [88.90]	#8-32 UNC-2B	0.721 [18.32]	0.225 [5.72]	0.612 [15.54]	4.3 CU.IN 70 CC		#12-24UNCX.030" [7.62] LONG
3/4"	EC075	5.51 [140]	1.56 [39.7]	1.626 [41.3]	4.63 [117.5]	4.125 [104.77]	#8-32 UNC-2B	0.955 [24.26]	0.225 [5.72]	0.814 [20.68]	7.3 CU.IN 119 CC	3 # 6 AWG MAX	#12-24UNCX.030" [7.62] LONG
1"	EC100	6.46 [164]	1.82 [46.2]	1.89 [48.0]	5.35 [135.8]	4.830 [122.68]	#8-32 UNC-2B	1.178 [29.92]	0.225 [5.72]	1.039 [26.39]	12.0 CU.IN 196 CC	3 # 4 AWG MAX	#12-24UNCX.030" [7.62] LONG



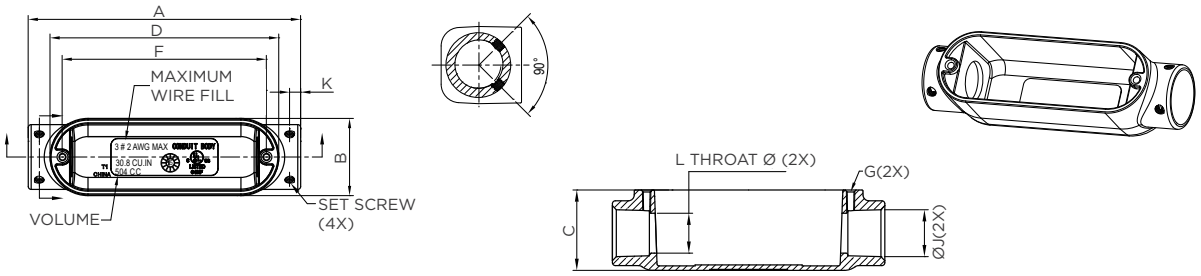






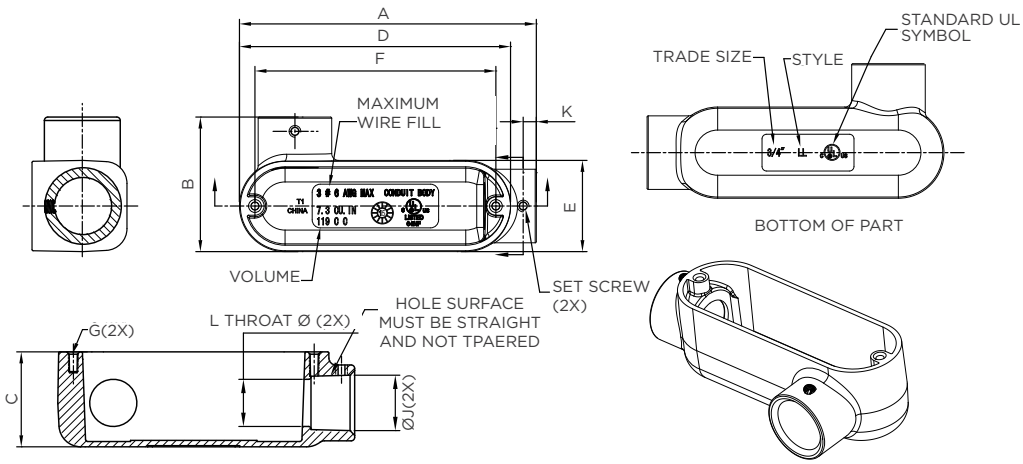
EAC/EC

Trade Size	Catalog Number	A	B	C	D	F ± 0.010 [.25]	G Tapped Holes	ØJ	K	ØL	Volume	Maximum Wire Fill	SET SCREW (4X)
1-1/4"	EC125	8.35 [212]	2.51 [63.7]	2.50 [63.5]	7.24 [184.0]	6.500 [165.1]	#12-24 UNC-2B	1.525 [38.74]	0.260 [6.60]	1.370 [34.80]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
1-1/2"	EC150	8.35 [212]	2.51 [63.7]	2.50 [63.5]	7.24 [184.0]	6.500 [165.1]	#12-24 UNC-2B	1.755 [44.58]	0.338 [8.58]	1.600 [40.64]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
2"	EC200	10.55 [268]	3.19 [81.0]	3.41 [86.5]	9.49 [241.0]	8.562 [217.48]	#12-24 UNC-2B	2.212 [56.18]	0.350 [8.89]	2.025 [51.44]	67.0 CU.IN 1098 CC	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG
2-1/2"	EC250	13.46 [342]	4.49 [114.0]	3.98 [101.0]	12.20 [310.0]	11.250 [285.75]	5/16"-18 UNC-2B	2.895 [73.53]	0.375 [9.53]	2.660 [67.56]	157.3 CU.IN 2578 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
3"	EC300	13.46 [342]	4.49 [114.0]	4.53 [115.0]	12.20 [310.0]	11.250 [285.75]	5/16"-18 UNC-2B	3.520 [89.41]	0.375 [9.53]	3.272 [83.11]	179.8 CU.IN 2946 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
3-1/2"	EC350	16.30 [414]	5.55 [141.0]	5.59 [142.0]	15.0 [381.0]	13.687 [347.65]	5/16"-18 UNC-2B	4.035 [102.50]	0.500 [12.7]	3.755 [95.38]	318.3CU.IN 5215 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
4"	EC400	16.30 [414]	5.55 [141.0]	5.59 [142.0]	15.0 [381.0]	13.687 [347.65]	5/16"-18 UNC-2B	4.525 [114.94]	0.500 [12.7]	4.225 [107.32]	323.0 CU.IN 5293 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG



EALL/EL

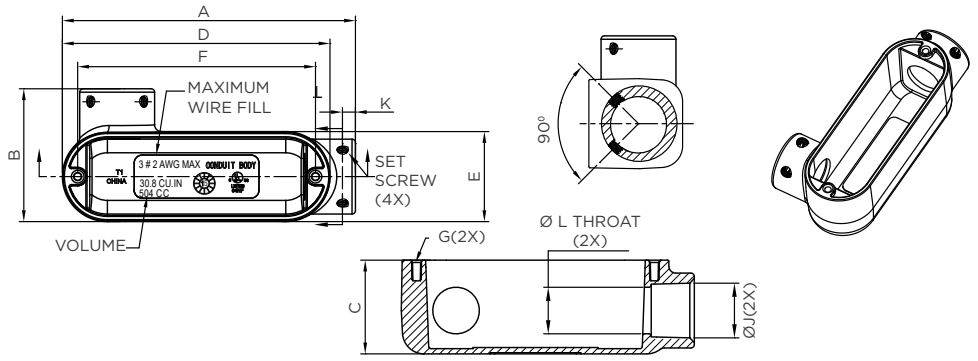
Trade Size	Catalog Number	A	B	C	D	F ± 0.010 [.25]	G Tapped Holes	ØJ	K	ØL	Volume	Maximum Wire Fill	SET SCREW (2X)
1/2"	ELL050	4.31 [109.5]	2.03 [51.5]	1.36 [34.5]	3.90 [99.0]	3.500 [88.90]	#8-32 UNC-2B	0.721 [18.32]	0.225 [5.72]	0.612 [15.54]	4.3 CU.IN 70 CC		#12-24UNCX.030" [7.62] LONG
3/4"	ELL075	5.08 [129.1]	2.30 [58.5]	1.626 [41.3]	4.63 [117.5]	4.125 [104.77]	#8-32 UNC-2B	0.955 [24.26]	0.225 [5.72]	0.814 [20.68]	7.3 CU.IN 119 CC	3 # 6 AWG MAX	#12-24UNCX.030" [7.62] LONG
1"	ELL100	5.92 [150.35]	2.68 [68.1]	1.89 [48.0]	5.35 [135.8]	4.830 [122.68]	#8-32 UNC-2B	1.178 [29.92]	0.225 [5.72]	1.039 [26.39]	12.0 CU.IN 196 CC	3 # 4 AWG MAX	#12-24UNCX.030" [7.62] LONG



Detailed Drawings

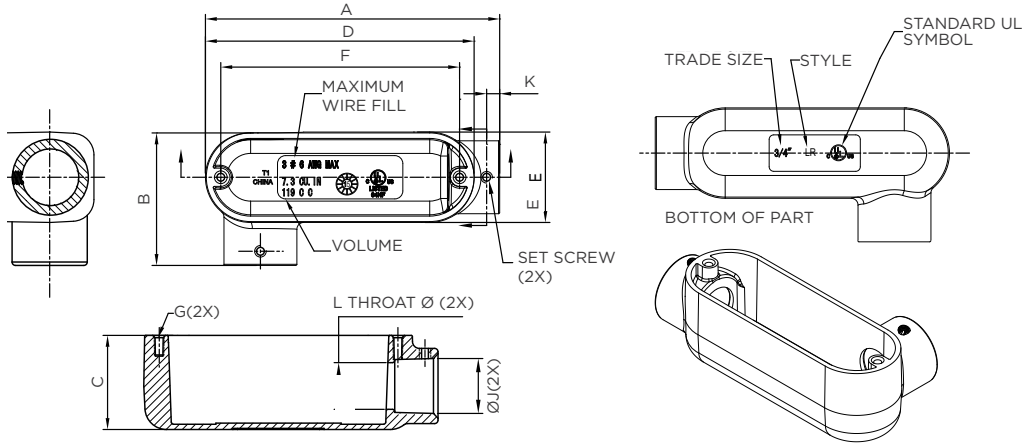
EALL/EL

Trade Size	Catalog Number	A	B	C	D	F ± 0.010 [.25]	G Tapped Holes	ØJ	K	ØL	Volume	Maximum Wire Fill	SET SCREW (4X)
1-1/4"	ELL125	7.82 [198.6]	3.52 [89.4]	2.50 [63.5]	7.24 [184.0]	6.500 [165.1]	#12-24 UNC-2B	1.525 [38.74]	0.260 [6.60]	1.370 [34.80]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
1-1/2"	ELL150	7.82 [198.6]	3.52 [89.4]	2.50 [63.5]	7.24 [184.0]	6.500 [165.1]	#12-24 UNC-2B	1.755 [44.58]	0.338 [8.58]	1.600 [40.64]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
2"	ELL200	10.05 [255.3]	4.27 [108.5]	3.41 [86.5]	9.49 [241.0]	8.562 [217.48]	#12-24 UNC-2B	2.212 [56.18]	0.350 [8.89]	2.025 [51.44]	67.0 CU.IN 1098 CC	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG
2-1/2"	ELL250	12.83 [326]	5.89 [149.5]	3.98 [101.0]	12.20 [310.0]	11.250 [285.75]	5/16"-18 UNC-2B	2.895 [73.53]	0.375 [9.53]	2.660 [67.56]	157.3 CU.IN 2578 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
3"	ELL300	12.83 [326]	5.89 [149.5]	4.53 [115.0]	12.20 [310.0]	11.250 [285.75]	5/16"-18 UNC-2B	3.520 [89.41]	0.375 [9.53]	3.272 [83.11]	179.8 CU.IN 2946 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
3-1/2"	ELL350	15.65 [397.5]	7.66 [194.5]	5.59 [142.0]	15.0 [381.0]	13.687 [347.65]	5/16"-18 UNC-2B	4.035 [102.50]	0.500 [12.7]	3.755 [95.38]	323.0CU.IN 5293 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
4"	ELL400	15.65 [397.5]	7.66 [194.5]	5.59 [142.0]	15.0 [381.0]	13.687 [347.65]	5/16"-18 UNC-2B	4.525 [114.94]	0.500 [12.7]	4.225 [107.32]	323.0 CU.IN 5293 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG



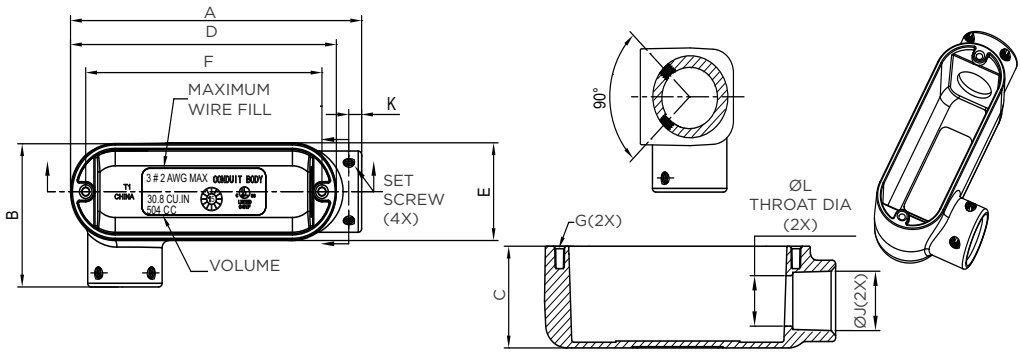
EALR/ELR

Trade Size	Catalog Number	A	B	C	D	E	F ± 0.010 [.25]	G Tapped Holes	ØJ	K	ØL	Volume	Maximum Wire Fill	SET SCREW (2X)
1/2"	ELR050	4.31 [109.5]	2.03 [51.5]	1.36 [34.5]	3.90 [99.0]	1.34 [34.0]	3.500 [88.90]	#8-32UNC-2B	0.721 [18.32]	0.225 [5.72]	0.612 [15.54]	4.3 CU.IN 70 CC		#12-24UNCX.030" [7.62] LONG
3/4"	ELR075	5.08 [129.1]	2.30 [58.5]	1.626 [41.3]	4.63 [117.5]	1.56 [39.7]	4.125 [104.77]	#8-32UNC-2B	0.955 [24.26]	0.225 [5.72]	0.814 [20.68]	7.3 CU.IN 119 CC	3 # 6 AWG MAX	#12-24UNCX.030" [7.62] LONG
1"	ELR100	5.92 [150.35]	2.68 [68.1]	1.89 [48.0]	5.35 [135.8]	1.82 [46.2]	4.830 [122.68]	#8-32UNC-2B	1.178 [29.92]	0.225 [5.72]	1.039 [26.39]	12.0 CU.IN 196 CC	3 # 4 AWG MAX	#12-24UNCX.030" [7.62] LONG



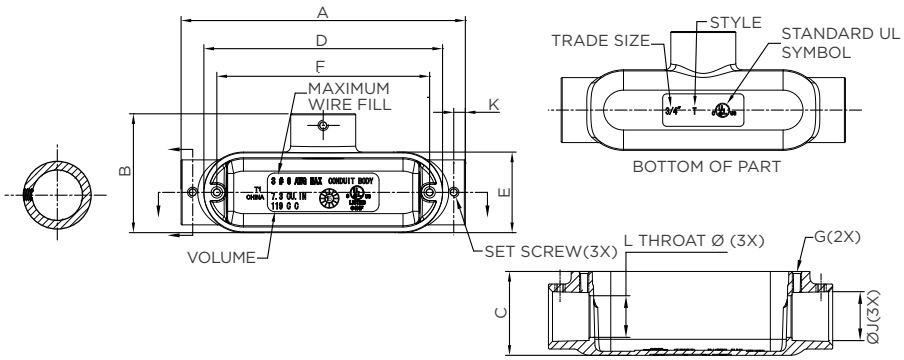
EALR/ELR (Cont.)

Trade Size	Catalog Number	A	B	C	D	E	F ± 0.010 [.25]	G Tapped Holes	ØJ	K	ØL	Volume	Maximum Wire Fill	SET SCREW (4X)
1-1/4"	ELR125	7.82 [198.6]	3.52 [89.4]	2.50 [63.5]	7.24 [184.0]	2.51 [63.7]	6.500 [165.1]	#12-24UNC-2B	1.525 [38.74]	0.260 [6.60]	1.370 [34.80]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
1-1/2"	ELR150	7.82 [198.6]	3.52 [89.4]	2.50 [63.5]	7.24 [184.0]	2.51 [63.7]	6.500 [165.1]	#12-24UNC-2B	1.755 [44.58]	0.338 [8.58]	1.600 [40.64]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
2"	ELR200	10.05 [255.3]	4.27 [108.5]	3.41 [86.5]	9.49 [241.0]	3.19 [81.0]	8.562 [217.48]	#12-24UNC-2B	2.212 [56.18]	0.350 [8.89]	2.025 [51.44]	67.0 CU.IN 1098 CC	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG
2-1/2"	ELR250	12.83 [326]	5.89 [149.5]	3.98 [101.0]	12.20 [310.0]	4.49 [114.0]	11.250 [285.75]	5/16"-18 UNC-2B	2.895 [73.53]	0.375 [9.53]	2.660 [67.56]	157.3 CU.IN 2578 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
3"	ELR300	12.83 [326]	5.89 [149.5]	4.53 [115.0]	12.20 [310.0]	4.49 [114.0]	11.250 [285.75]	5/16"-18 UNC-2B	3.520 [89.41]	0.375 [9.53]	3.272 [83.11]	179.8 CU.IN 2946 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
3-1/2"	ELR350	15.65 [397.5]	7.66 [194.5]	5.59 [142.0]	15.0 [381.0]	5.55 [141.0]	13.687 [347.65]	5/16"-18 UNC-2B	4.035 [102.50]	0.500 [12.7]	3.755 [95.38]	323.0CU.IN 5293 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
4"	ELR400	15.65 [397.5]	7.66 [194.5]	5.59 [142.0]	15.0 [381.0]	5.55 [141.0]	13.687 [347.65]	5/16"-18 UNC-2B	4.525 [114.94]	0.500 [12.7]	4.225 [107.32]	323.0 CU.IN 5293 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG



EAT/ET

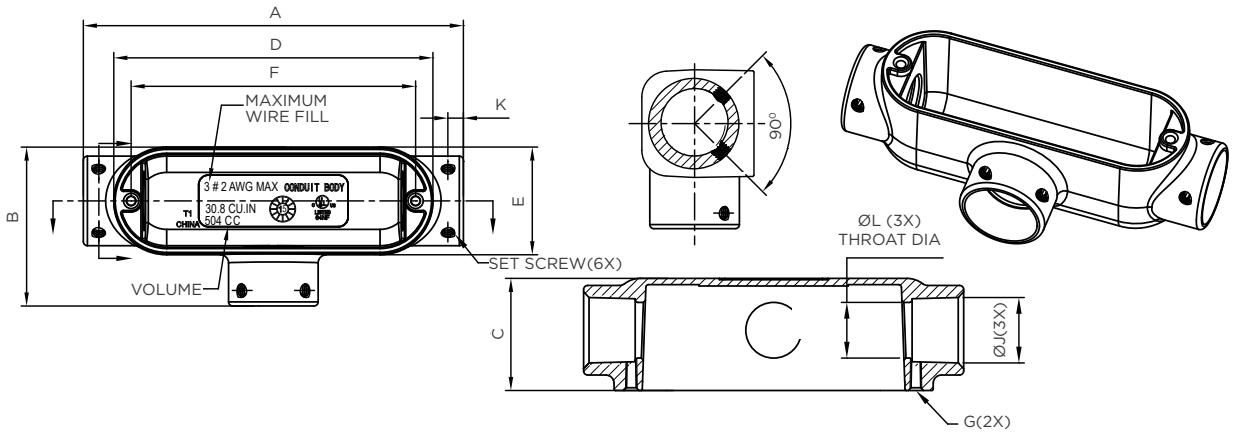
Trade Size	Catalog Number	A	B	C	D	E	F ± 0.010 [.25]	G Tapped Holes	ØJ	K	ØL	Volume	Maximum Wire Fill	SET SCREW (3X)
1/2"	ET050	4.72 [120]	2.03 [51.5]	1.36 [34.5]	3.90 [99.0]	1.34 [34.0]	3.500 [88.90]	#8-32UNC-2B	0.721 [18.32]	0.225 [5.72]	0.612 [15.54]	4.3 CU.IN 70 CC		#12-24UNCX.030" [7.62] LONG
3/4"	ET075	5.51 [140]	2.30 [58.5]	1.626 [41.3]	4.63 [117.5]	1.56 [39.7]	4.125 [104.77]	#8-32UNC-2B	0.955 [24.26]	0.225 [5.72]	0.814 [20.68]	7.3 CU.IN 119 CC	3 # 6 AWG MAX	#12-24UNCX.030" [7.62] LONG
1"	ET100	6.46 [164]	2.68 [68.1]	1.89 [48.0]	5.35 [135.8]	1.82 [46.2]	4.830 [122.68]	#8-32UNC-2B	1.178 [29.92]	0.225 [5.72]	1.039 [26.39]	12.0 CU.IN 196 CC	3 # 4 AWG MAX	#12-24UNCX.030" [7.62] LONG



Detailed Drawings

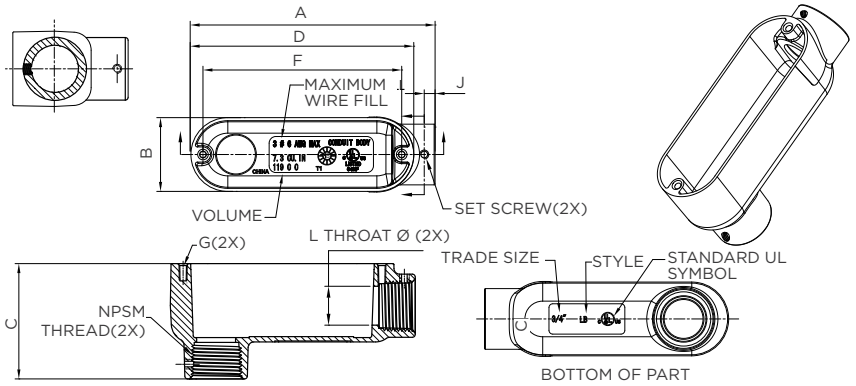
EAT/ET

Trade Size	Catalog Number	A	B	C	D	E	F ± 0.010 [.25]	G Tapped Holes	ØJ	K	ØL	Volume	Maximum Wire Fill	SET SCREW (6X)
1-1/4"	ET125	8.35 [212]	3.52 [89.4]	2.50 [63.5]	7.24 [184.0]	2.51 [63.7]	6.500 [165.1]	#12-24UNC-2B	1.525 [38.74]	0.260 [6.60]	1.370 [34.80]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
1-1/2"	ET150	8.35 [212]	3.52 [89.4]	2.50 [63.5]	7.24 [184.0]	2.51 [63.7]	6.500 [165.1]	#12-24UNC-2B	1.755 [44.58]	0.338 [8.58]	1.600 [40.64]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
2"	ET200	10.55 [268]	4.27 [108.5]	3.41 [86.5]	9.49 [241.0]	3.19 [81.0]	8.562 [217.48]	#12-24UNC-2B	2.212 [56.18]	0.350 [8.89]	2.025 [51.44]	67.0 CU.IN 1098 CC	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG
2-1/2"	ET250	13.46 [342]	5.89 [149.5]	3.98 [101.0]	12.20 [310.0]	4.49 [114.0]	11.250 [285.75]	5/16"-18 UNC-2B	2.895 [73.53]	0.375 [9.53]	2.660 [67.56]	157.3 CU.IN 2578 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
3"	ET300	13.46 [342]	5.89 [149.5]	4.53 [115.0]	12.20 [310.0]	4.49 [114.0]	11.250 [285.75]	5/16"-18 UNC-2B	3.520 [89.41]	0.375 [9.53]	3.272 [83.11]	179.8 CU.IN 2946 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
3-1/2"	ET350	16.30 [414]	7.66 [194.5]	5.59 [142.0]	15.0 [381.0]	5.55 [141.0]	13.687 [347.65]	5/16"-18 UNC-2B	4.035 [102.50]	0.500 [12.7]	3.755 [95.38]	323.0CU.IN 5293 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG
4"	ET400	16.30 [414]	7.66 [194.5]	5.59 [142.0]	15.0 [381.0]	5.55 [141.0]	13.687 [347.65]	5/16"-18 UNC-2B	4.525 [114.94]	0.500 [12.7]	4.225 [107.32]	323.0 CU.IN 5293 CC	3 # 250 MAX	5/16"-24UNFX .055"[14.0] LONG



COLB/CLB

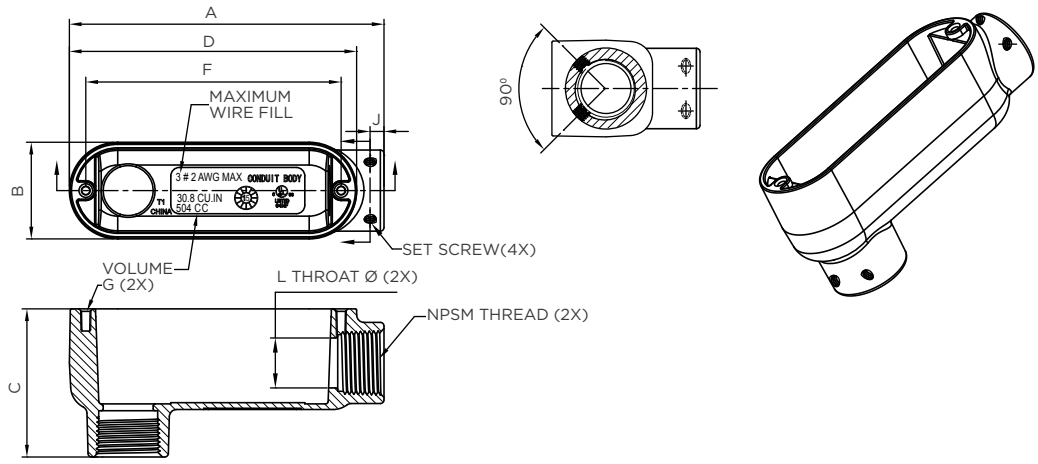
Trade Size	Catalog Number	A	B	C	D	F ± 0.010 [.25]	G Tapped Holes	NPSM Thread	J	L +0-0.020 [0.51]	Volume	Maximum Wire Fill	SET SCREW (2X)
1/2"	CLB050	4.31 [109.5]	1.34 [34.0]	2.09 [53.0]	3.90 [99.0]	3.500 [88.90]	#8-32UNC-2B	1/2"-14NPSM	0.225 [5.72]	0.612 [15.54]	4.3 CU.IN 70 CC		#12-24UNCX .030"[7.62] LONG
3/4"	CLB075	5.08 [129.1]	1.56 [39.7]	2.39 [60.8]	4.63 [117.5]	4.125 [104.77]	#8-32UNC-2B	3/4"-14NPSM	0.225 [5.72]	0.814 [20.68]	7.3 CU.IN 119 CC	3 # 6 AWG MAX	#12-24UNCX .030"[7.62] LONG
1"	CLB100	5.92 [150.35]	1.82 [46.2]	2.78 [70.5]	5.35 [135.8]	4.830 [122.68]	#8-32UNC-2B	1"-11 1/2NPSM	0.225 [5.72]	1.039 [26.39]	12.0 CU.IN 196 CC	3 # 4 AWG MAX	#12-24UNCX .030"[7.62] LONG



Detailed Drawings

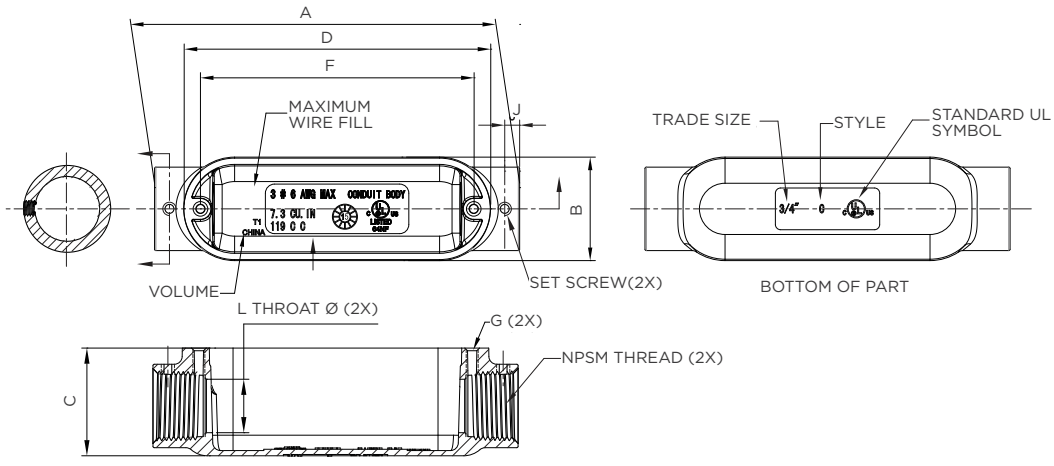
COLB/CLB

Trade Size	Catalog Number	A	B	C	D	F ± 0.010 [.25]	G Tapped Holes	NPSM Thread	J	L +0-0.020 [0.51]	Volume	Maximum Wire Fill	SET SCREW (4X)
1-1/4"	CLB125	7.82 [198.6]	2.51 [63.7]	3.52 [89.5]	7.24 [184.0]	6.500 [165.1]	#12-24UNC-2B	1-1/4"-11 1/2NPSM	0.260 [6.60]	1.370 [34.80]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
1-1/2"	CLB150	7.82 [198.6]	2.51 [63.7]	3.52 [89.5]	7.24 [184.0]	6.500 [165.1]	#12-24UNC-2B	1-1/2"-11 1/2NPSM	0.338 [8.58]	1.600 [40.64]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
2"	CLB200	10.05 [255.3]	3.19 [81.0]	4.51 [114.5]	9.49 [241.0]	8.562 [217.48]	#12-24UNC-2B	2"-11 1/2NPSM	0.350 [8.89]	2.057 [52.25]	67.0 CU.IN 1098 CC	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG



COC/CC

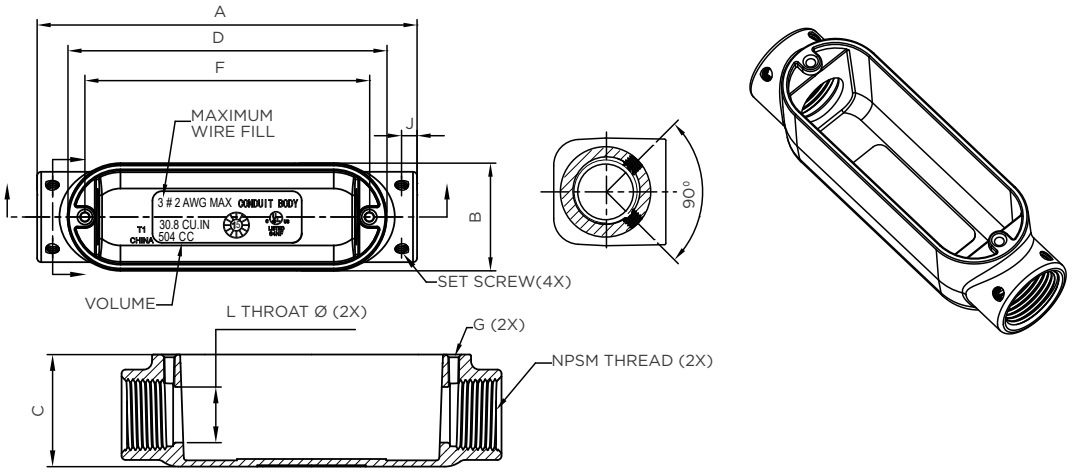
Trade Size	Catalog Number	A	B	C	D	F ā 0.010 [.25]	G Tapped Holes	NPSM Thread	J	L +0-0.020 [0.51]	Volume	Maximum Wire Fill	SET SCREW (2X)
1/2"	CC050	4.72 [120]	1.34 [34.0]	1.36 [34.5]	3.90 [99.0]	3.500 [88.90]	#8-32UNC-2B	1/2"-14NPSM	0.225 [5.72]	0.612 [15.54]	4.3 CU.IN 70 CC		#12-24UNCX .030"[7.62] LONG
3/4"	CC075	5.51 [140]	1.56 [39.7]	1.626 [41.3]	4.63 [117.5]	4.125 [104.77]	#8-32UNC-2B	3/4"-14NPSM	0.225 [5.72]	0.814 [20.68]	7.3 CU.IN 119 CC	3 # 6 AWG MAX	#12-24UNCX .030"[7.62] LONG
1"	CC100	6.46 [164]	1.82 [46.2]	1.89 [48.0]	5.35 [135.8]	4.830 [122.68]	#8-32UNC-2B	1"-11 1/2NPSM	0.225 [5.72]	1.039 [26.39]	12.0 CU.IN 196 CC	3 # 4 AWG MAX	#12-24UNCX .030"[7.62] LONG



Detailed Drawings

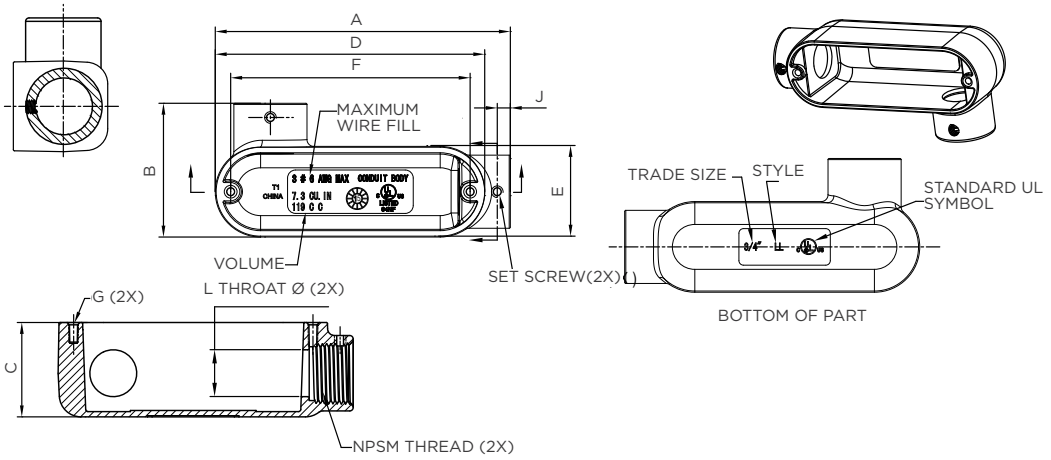
COC/CC (Cont.)

Trade Size	Catalog Number	A	B	C	D	F ± 0.010 [.25]	G Tapped Holes	NPSM Thread	J	L +0-0.020 [0.51]	Volume	Maximum Wire Fill	SET SCREW (4X)
1-1/4"	CC125	8.35	2.51	2.50	7.24	6.500	#12-24UNC-2B	1-1/4"-11 1/2NPSM	0.260	1.370	30.8 CU.IN	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
		[212]	[63.7]	[63.5]	[184.0]	[165.1]			[6.60]	[34.80]	504 CC		
1-1/2"	CC150	8.35	2.51	2.50	7.24	6.500	#12-24UNC-2B	1-1/2"-11 1/2NPSM	0.338	1.600	30.8 CU.IN	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
		[212]	[63.7]	[63.5]	[184.0]	[165.1]			[8.58]	[40.64]	504 CC		
2"	CC200	10.55	3.19	3.41	9.49	8.562	#12-24UNC-2B	2"-11 1/2NPSM	0.350	2.057	67.0 CU.IN	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG
		[268]	[81.0]	[86.5]	[241.0]	[217.48]			[8.89]	[52.25]	1098 CC		



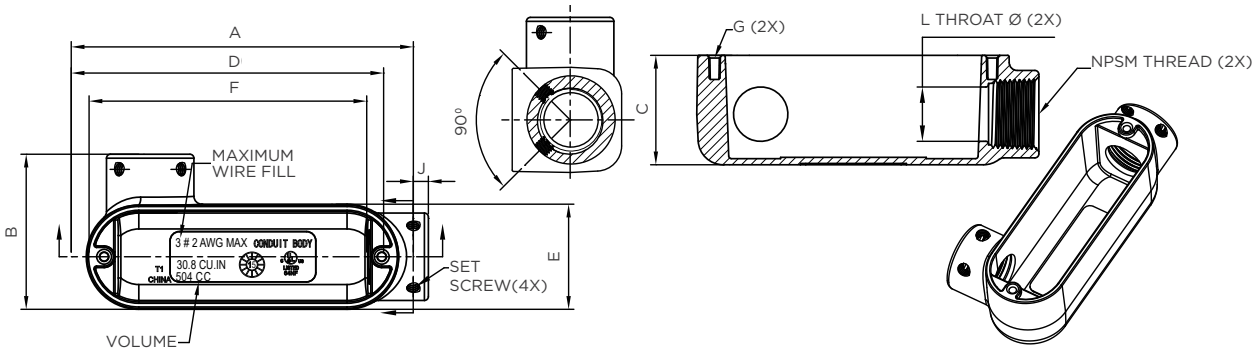
COLL/CLL

Trade Size	Catalog Number	A	B	C	D	E	F ± 0.010 [.25]	G Tapped Holes	NPSM Thread	J	L +0-0.020 [0.51]	Volume	Maximum Wire Fill	SET SCREW (2X)
1/2"	CLL050	4.31	2.03	1.36	3.90	1.34	3.500	#8-32UNC-2B	1/2"-14NPSM	0.225	0.612	4.3 CU.IN		#12-24UNCX .030"[7.62] LONG
		[109.5]	[51.5]	[34.5]	[99.0]	[34.0]	[88.90]			[5.72]	[15.54]	70 CC		
3/4"	CLL075	5.08	2.30	1.626	4.63	1.56	4.125	#8-32UNC-2B	3/4"-14NPSM	0.225	0.814	7.3 CU.IN	3 # 6 AWG MAX	#12-24UNCX .030"[7.62] LONG
		[129.1]	[58.5]	[41.3]	[117.5]	[39.7]	[104.77]			[5.72]	[20.68]	119 CC		
1"	CLL100	5.92	2.68	1.89	5.35	1.82	4.830	#8-32UNC-2B	1"-11 1/2NPSM	0.225	1.039	12.0 CU.IN	3 # 4 AWG MAX	#12-24UNCX .030"[7.62] LONG
		[150.35]	[68.1]	[48.0]	[135.8]	[46.2]	[122.68]			[5.72]	[26.39]	196 CC		



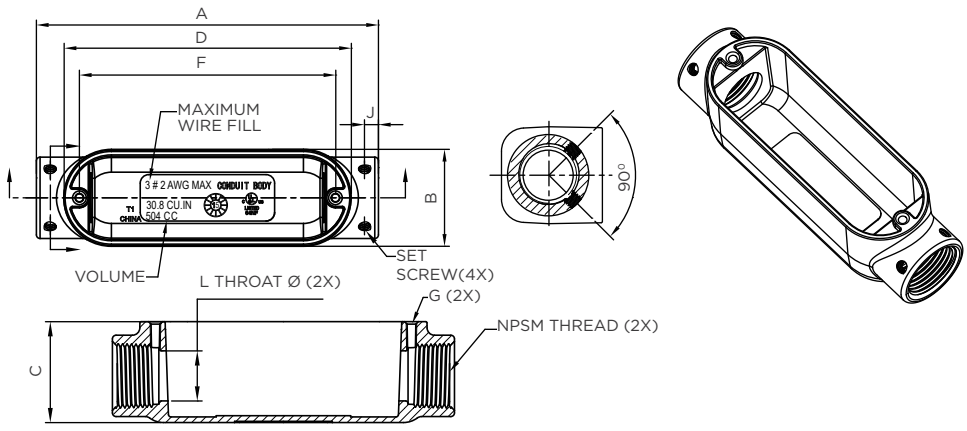
Detailed Drawings

Trade Size	Catalog Number	A	B	C	D	E	F ± 0.010 [.25]	G Tapped Holes	NPSM Thread	J	L +0-0.020 [0.51]	Volume	Maximum Wire Fill	SET SCREW (4X)
1-1/4"	CLL125	7.82 [198.6]	3.52 [89.4]	2.50 [63.5]	7.24 [184.0]	2.51 [63.7]	6.500 [165.1]	#12-24UNC-2B	1-1/4"-11 1/2NPSM	0.260 [6.60]	1.370 [34.80]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
1-1/2"	CLL150	7.82 [198.6]	3.52 [89.4]	2.50 [63.5]	7.24 [184.0]	2.51 [63.7]	6.500 [165.1]	#12-24UNC-2B	1-1/2"-11 1/2NPSM	0.338 [8.58]	1.600 [40.64]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
2"	CLL200	10.05 [255.3]	4.27 [108.5]	3.41 [86.5]	9.49 [241.0]	3.19 [81.0]	8.562 [217.48]	#12-24UNC-2B	2"-11 1/2NPSM	0.350 [8.89]	2.057 [52.25]	67.0 CU.IN 1098 CC	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG



COLR/CLR

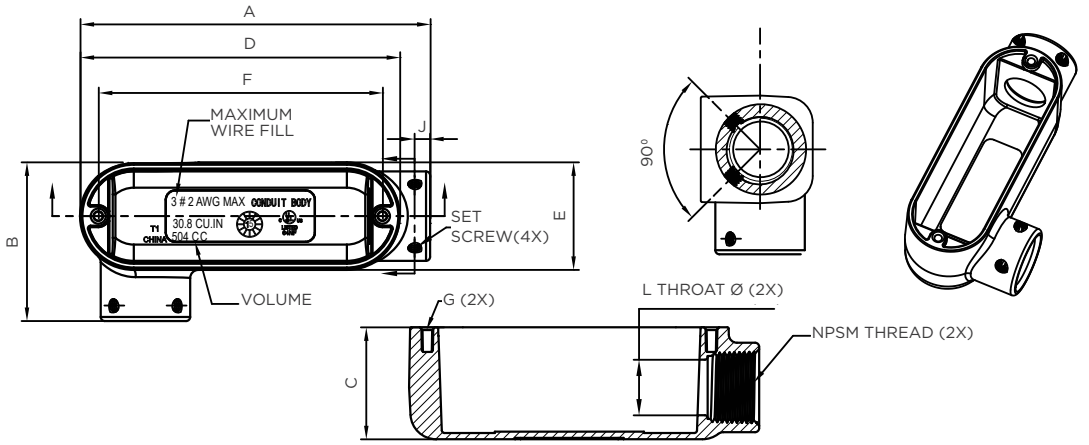
Trade Size	Catalog Number	A	B	C	D	F ± 0.010 [.25]	G Tapped Holes	NPSM Thread	J	L +0-0.020 [0.51]	Volume	Maximum Wire Fill	SET SCREW (4X)
1-1/4"	CLR125	8.35 [212]	2.51 [63.7]	2.50 [63.5]	7.24 [184.0]	6.500 [165.1]	#12-24UNC-2B	1-1/4"-11 1/2NPSM	0.260 [6.60]	1.370 [34.80]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
1-1/2"	CLR150	8.35 [212]	2.51 [63.7]	2.50 [63.5]	7.24 [184.0]	6.500 [165.1]	#12-24UNC-2B	1-1/2"-11 1/2NPSM	0.338 [8.58]	1.600 [40.64]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
2"	CLR200	10.55 [268]	3.19 [81.0]	3.41 [86.5]	9.49 [241.0]	8.562 [217.48]	#12-24UNC-2B	2"-11 1/2NPSM	0.350 [8.89]	2.057 [52.25]	67.0 CU.IN 1098 CC	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG



Detailed Drawings

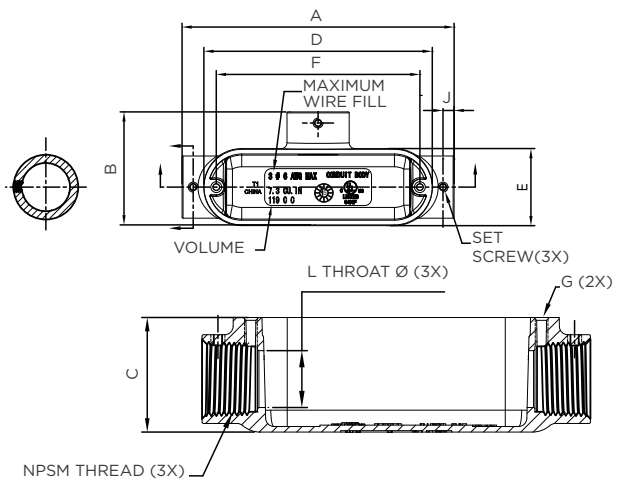
COLB/CLB

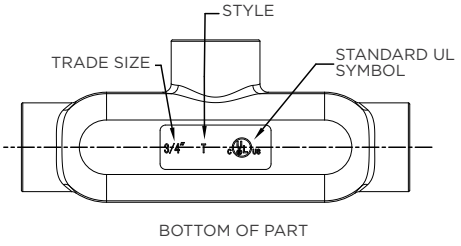
Trade Size	Catalog Number	A	B	C	D	E	F ± 0.010 [.25]	G Tapped Holes	NPSM Thread	J	L +0-0.020 [0.51]	Volume	Maximum Wire Fill	SET SCREW (4X)
1-1/4"	CLL125	7.82	3.52	2.50	7.24	2.51	6.500	#12-24UNC-2B	1-1/4"-11 1/2NPSM	0.260	1.370	30.8 CU.IN	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
		[198.6]	[89.4]	[63.5]	[184.0]	[63.7]	[165.1]			[6.60]	[34.80]	504 CC		
1-1/2"	CLL150	7.82	3.52	2.50	7.24	2.51	6.500	#12-24UNC-2B	1-1/2"-11 1/2NPSM	0.338	1.600	30.8 CU.IN	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
		[198.6]	[89.4]	[63.5]	[184.0]	[63.7]	[165.1]			[8.58]	[40.64]	504 CC		
2"	CLL200	10.05	4.27	3.41	9.49	3.19	8.562	#12-24UNC-2B	2"-11 1/2NPSM	0.350	2.057	67.0 CU.IN	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG
		[255.3]	[108.5]	[86.5]	[241.0]	[81.0]	[217.48]			[8.89]	[52.25]	1098 CC		



COT/CT

Trade Size	Catalog Number	A	B	C	D	E	F ± 0.010 [.25]	G Tapped Holes	NPSM Thread	J	L +0-0.020 [0.51]	Volume	Maximum Wire Fill	SET SCREW (4X)
1/2"	CT050	4.72	2.03	1.36	3.90	1.34	3.500	#8-32UNC-2B	1/2"-14NPSM	0.225	0.612	4.3 CU.IN		#12-24UNCX .030"[7.62] LONG
		[120]	[51.5]	[34.5]	[99.0]	[34.0]	[88.90]			[5.72]	[15.54]	70 CC		
3/4"	CT075	5.51	2.30	1.626	4.63	1.56	4.125	#8-32UNC-2B	3/4"-14NPSM	0.225	0.814	7.3 CU.IN	3 # 6 AWG MAX	#12-24UNCX .030"[7.62] LONG
		[140]	[58.5]	[41.3]	[117.5]	[39.7]	[104.77]			[5.72]	[20.68]	119 CC		
1"	CT100	6.46	2.68	1.89	5.35	1.82	4.830	#8-32UNC-2B	1"-11 1/2NPSM	0.225	1.039	12.0 CU.IN	3 # 4 AWG MAX	#12-24UNCX .030"[7.62] LONG
		[164]	[68.1]	[48.0]	[135.8]	[46.2]	[122.68]			[5.72]	[26.39]	196 CC		



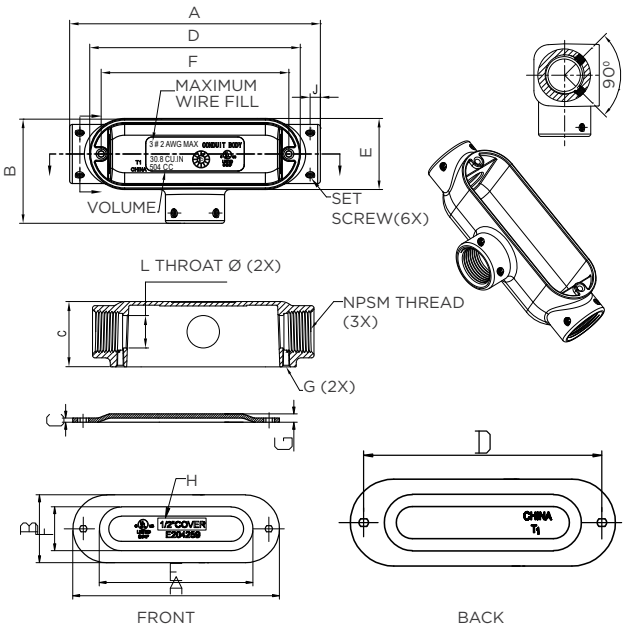


COT/CT (Cont.)

Trade Size	Catalog Number	A	B	C	D	E	F ± 0.010 [.25]	G Tapped Holes	NPSM Thread	J	L +0-0.020 [0.51]	Volume	Maximum Wire Fill	SET SCREW (6X)
1-1/4"	CT125	8.35 [212]	3.52 [89.4]	2.50 [63.5]	7.24 [184.0]	2.51 [63.7]	6.500 [165.1]	#12-24UNC-2B	1-1/4"-11 1/2NPSM	0.260 [6.60]	1.370 [34.80]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
1-1/2"	CT150	8.35 [212]	3.52 [89.4]	2.50 [63.5]	7.24 [184.0]	2.51 [63.7]	6.500 [165.1]	#12-24UNC-2B	1-1/2"-11 1/2NPSM	0.338 [8.58]	1.600 [40.64]	30.8 CU.IN 504 CC	3 # 2 AWG MAX	#12-24UNCX .030"[7.62] LONG
2"	CT200	10.55 [268]	4.27 [108.5]	3.41 [86.5]	9.49 [241.0]	3.19 [81.0]	8.562 [217.48]	#12-24UNC-2B	2"-11 1/2NPSM	0.350 [8.89]	2.057 [52.25]	67.0 CU.IN 1098 CC	3 # 2/0 MAX	5/16"-24UNFX .055"[14.0] LONG

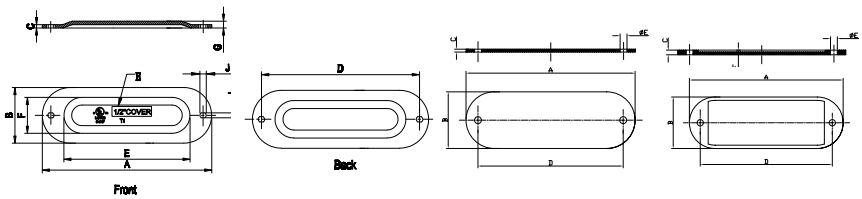
SSC Stamped Steel Cover

Trade Size	Catalog Number	A	B	C	D ± 0.2	E	F	G	Captive Screw	F
1/2"	SSC050	3.900 [99.0]	1.340 [34.0]	0.04 [1.0]	3.500 [88.90]	2.890 [73.4]	0.827 [21.0]	0.181 [4.6]	#8-32 UNC-2B	1/2" Cover
3/4"	SSC075	4.665 [118.5]	1.535 [39.0]	0.04 [1.0]	4.126 [104.8]	3.426 [88.0]	0.886 [22.5]	0.181 [4.6]	#8-32 UNC-2B	3/4" Cover
1"	SSC100	5.374 [136.5]	1.732 [44.0]	0.04 [1.0]	4.831 [122.7]	4.291 [109.0]	1.398 [35.5]	0.181 [4.6]	#8-32 UNC-2B	1" Cover
1-1/4"	SSC125	7.283 [185.0]	2.500 [63.5]	0.063 [1.6]	6.500 [165.10]	5.827 [148.0]	1.437 [36.5]	0.181 [4.6]	#12-24 UNC-2B	1-1/4"-1-1/2" Cover
1-1/2"	SSC150	7.283 [185.0]	2.500 [63.5]	0.063 [1.6]	6.500 [165.10]	5.827 [148.0]	1.437 [36.5]	0.181 [4.6]	#12-24 UNC-2B	
2"	SSC200	9.488 [241.0]	3.150 [80.0]	0.063 [1.6]	8.563 [217.5]	7.539 [191.5]	1.732 [44.0]	0.181 [4.6]	#12-24 UNC-2B	2" Cover
2-1/2"	SSC250	12.205 [310.0]	4.528 [115.0]	0.079 [2.0]	11.25 [285.8]	10.236 [260.0]	2.362 [60.0]	0.197 [5.0]	5/16"-18 UNC-2B	2-1/2"-3" Cover
3"	SSC300	12.205 [310.0]	4.528 [115.0]	0.079 [2.0]	11.25 [285.8]	10.236 [260.0]	2.362 [60.0]	0.197 [5.0]	5/16"-18 UNC-2B	
3-1/2"	SSC350	14.961 [380.0]	5.512 [140.0]	0.079 [2.0]	13.69 [347.6]	12.598 [320.0]	2.992 [76.0]	0.197 [5.0]	5/16"-18 UNC-2B	3-1/2"-4" Cover
4"	SSC400	14.961 [380.0]	5.512 [140.0]	0.079 [2.0]	13.685 [347.6]	12.598 [320.0]	2.992 [76.0]	0.197 [5.0]	5/16"-18 UNC-2B	



CSC Stamped Alum. Cover (Included W/Assemblies)

Trade Size	Catalog Number	A	B	C	D ± 0.2	E	F	G	Captive Screw	H	I	J
1/2"	CSC050	3.900 [99.0]	1.340 [34.0]	0.070 [1.8]	3.500 [88.90]	2.890 [73.4]	0.827 [21.0]	0.181 [4.6]	#8-32 UNC-2B	1/2" Cover	0.145 [3.7]	0.244 [6.2]
3/4"	CSC075	4.665 [118.5]	1.535 [39.0]	0.070 [1.8]	4.126 [104.8]	3.426 [88.0]	0.886 [22.5]	0.181 [4.6]	#8-32 UNC-2B	3/4" Cover	0.145 [3.7]	0.244 [6.2]
1"	CSC100	5.374 [136.5]	1.732 [44.0]	0.070 [1.8]	4.831 [122.7]	4.291 [109.0]	1.398 [35.5]	0.181 [4.6]	#8-32 UNC-2B	1" Cover	0.145 [3.7]	0.244 [6.2]
1-1/4"	CSC125	7.283 [185.0]	2.500 [63.5]	0.070 [1.8]	6.500 [165.10]	5.827 [148.0]	1.437 [36.5]	0.181 [4.6]	#12-24 UNC-2B	1-1/4"-1-1/2" Cover	0.196 [5.0]	0.299 [7.6]
1-1/2"	CSC150	7.283 [185.0]	2.500 [63.5]	0.070 [1.8]	6.500 [165.10]	5.827 [148.0]	1.437 [36.5]	0.181 [4.6]	#12-24 UNC-2B		0.196 [5.0]	0.299 [7.6]
2"	CSC200	9.488 [241.0]	3.150 [80.0]	0.070 [1.8]	8.563 [217.5]	7.539 [191.5]	1.732 [44.0]	0.181 [4.6]	#12-24 UNC-2B	2" Cover	0.196 [5.0]	0.299 [7.6]
2-1/2"	CSC250	12.205 [310.0]	4.528 [115.0]	0.098 [2.5]	11.25 [285.8]	10.236 [260.0]	2.362 [60.0]	0.197 [5.0]	5/16"-18 UNC-2B	2-1/2"-3" Cover	0.291 [7.4]	0.393 [10.0]
3"	CSC300	12.205 [310.0]	4.528 [115.0]	0.098 [2.5]	11.25 [285.8]	10.236 [260.0]	2.362 [60.0]	0.197 [5.0]	5/16"-18 UNC-2B		0.291 [7.4]	0.393 [10.0]
3-1/2"	CSC350	14.961 [380.0]	5.512 [140.0]	0.098 [2.5]	13.69 [347.6]	12.598 [320.0]	2.992 [76.0]	0.197 [5.0]	5/16"-18 UNC-2B	3-1/2"-4" Cover	0.291 [7.4]	0.393 [10.0]
4"	CSC400	14.961 [380.0]	5.512 [140.0]	0.098 [2.5]	13.685 [347.6]	12.598 [320.0]	2.992 [76.0]	0.197 [5.0]	5/16"-18 UNC-2B		0.291 [7.4]	0.393 [10.0]



CRG Rubber Gasket

Trade Size	Catalog Number	A	B	C	D ± 0.2	ØE
1/2"	CRG050	3.900 [99.0]	1.340 [34.0]	0.067 [1.7]	3.500 [88.90]	0.157 [4.0]
3/4"	CRG075	4.665 [118.5]	1.535 [39.0]	0.067 [1.7]	4.126 [104.8]	0.157 [4.0]
1"	CRG100	5.374 [136.5]	1.732 [44.0]	0.067 [1.7]	4.831 [122.7]	0.157 [4.0]
1-1/4"	CRG125	7.283 [185.0]	2.500 [63.5]	0.067 [1.7]	6.500 [165.10]	0.189 [4.8]
1-1/2"	CRG150	7.283 [185.0]	2.500 [63.5]	0.067 [1.7]	6.500 [165.10]	0.189 [4.8]
2"	CRG200	9.488 [241.0]	3.150 [80.0]	0.067 [1.7]	8.563 [217.5]	0.189 [4.8]

CRG Rubber Gasket

Trade Size	Catalog Number	A	B	C	D ± 0.2	ØE	F
2-1/2"	CRG250	12.205 [310.0]	4.528 [115.0]	0.125 [3.2]	11.252 [285.8]	0.307 [7.8]	0.0394 [1.0]
3"	CRG300	12.205 [310.0]	4.528 [115.0]	0.125 [3.2]	11.252 [285.8]	0.307 [7.8]	0.0394 [1.0]
3-1/2"	CRG350	14.961 [380.0]	5.512 [140.0]	0.125 [3.2]	13.685 [347.6]	0.307 [7.8]	0.0394 [1.0]
4"	CRG400	14.961 [380.0]	5.512 [140.0]	0.125 [3.2]	13.685 [347.6]	0.307 [7.8]	0.0394 [1.0]

Notes

Notes

Notes

Notes

Notes

Table of Contents





1-Gang Boxes



Metal 2-Gang Covers



Nonmetallic Ceiling Fan & Luminaire Boxes

BELL® Weatherproof Boxes, Covers & Lighting

- 1-Gang Boxes D-5
- 1-Gang Extensions & Adapters D-7
- Multigang Boxes & Extension D-9
- Round Splice Boxes & Extension Adapter. D-12
- Metal 1-Gang Device Covers D-13
- Metal 2-Gang Device Covers, Multiconfiguration. D-17
- Metal Locking Cover D-18
- Rayntite® Metal 2-Gang Covers. D-19
- Metal 2-Gang Covers. D-20
- Metal 3-Gang Covers. D-21
- Metal Device Covers Combos & Kits D-23
- Metal Covers. D-24
- Metal Decorator Switch Covers D-26
- Metal Toggle Switch Covers D-27
- Metal Lampholder/Cluster Covers. D-28
- Metal Lampholders D-29
- Metal Floodlights. D-31
- Metal Bullet Lampholder & Portable Lampholders. D-33
- Metal Lampholder Combos D-34
- Metal Light Kits D-35
- Metal Garden Lights D-36
- Weatherproof Accessories. D-37
- Nonmetallic Ceiling Fan & Luminaire Boxes. D-40
- Nonmetallic Boxes. D-41
- Nonmetallic Covers. D-42
- Nonmetallic Lighting. D-43
- Product Drawings D-44

General Information

Standards, 2020 National Electrical Code®

BELL® UPC Vendor Number 050169. Where applicable, BELL® products are engineered in accordance with the standards established by Underwriters Laboratories and the Canadian Standards Association. Dimensional data listed in this catalog is intended for general reference with broad tolerance limits.

2020 NEC®

When specifying BELL® Weatherproof boxes and covers, consult the requirements of the National Electrical Code®, Article 314.16 (B) and 406.9 (B). Article 314.16 (B) details the NEC® requirements for the maximum number of conductors allowed for a BELL® Weatherproof installation. Article 406.9 (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 Section 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 conductors may be added without exceeding the Code-prescribed limit. Most applications have determined the number of conductors. The rules of Section 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 an approved 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. Outlet and device boxes shall also comply with 314.24.

(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, and so forth, that are marked with their volume or are made from boxes the dimensions of which are listed in Table 314.16(A). (1) Standard Boxes. The volumes of standard boxes that are not marked with their volume shall be as given in Table 314.16(A).

(2) Other Boxes. Boxes 1650 cm3 (100 in.3) or less, other than those described in Table 314.16(A), and nonmetallic boxes shall be durably and legibly marked by the manufacturer with their volume. Boxes described in Table 314.16(A) that have a volume larger than is designated in the table shall be permitted to have their volume marked as required by this section.

(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. Each space within a box installed with a barrier shall be calculated separately.

(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 300.14 shall be counted twice. The conductor fill shall be calculated using Table 314.16(B). A 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 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.

(3) Support Fittings Fill. Where one or more luminaire studs or hickeys are present in the box, a single volume allowance in

Standards, 2020 National Electrical Code®

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 50 mm (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 up to four 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 entering in the box. A 1/4 volume allowance shall be made for each additional equipment grounding conductor or equipment bonding jumper that enters the box, based on the largest equipment grounding conductor or equipment bonding conductor.

(C) Conduit Bodies.

(1) General. Conduit bodies enclosing 6 AWG conductors or smaller, other than short-radius conduit bodies as described in 314.16(C)(3), shall have a cross-sectional area not less than twice the cross-sectional area of the largest conduit or tubing to which they can be attached. The maximum number of conductors permitted shall be the maximum number permitted by Table 1 of Chapter 9 for the conduit or tubing to which it is attached.

(2) With Splices, Taps, or Devices. Only those conduit bodies that are durably and legibly marked by the manufacturer with their volume shall be permitted to contain splices, taps, or devices. The maximum number of conductors shall be calculated in accordance with 314.16(B). Conduit bodies shall be supported in a rigid and secure manner.

(3) Short Radius Conduit Bodies. Conduit bodies such as capped elbows and service-entrance elbows that enclose conductors 6 AWG or smaller, and are only intended to enable the installation of the raceway and the contained conductors, shall not contain splices, taps, or devices and shall be of an approved size to provide free space for all conductors enclosed in the conduit body.

406.9 Receptacles in Damp or Wet Locations.

(A) Damp Locations. A receptacle installed outdoors in a location protected from the weather or in other damp locations shall have an enclosure for the receptacle that is weatherproof when the receptacle is covered (attachment plug cap not inserted and receptacle covers closed).

An installation suitable for wet locations shall also be considered suitable for damp locations.

A receptacle shall be considered to be in a location protected from the weather where located under roofed open porches, canopies, marquees, and the like, and will not be subjected to a beating rain or water runoff. All 15- and 20-ampere, 125- and 250- volt nonlocking receptacles shall be a listed weather-resistant type.

Informational Note: The types of receptacles covered by this requirement are identified as 5-15, 5-20, 6-15, and 6-20 in ANSI/NEMA WD 6-2016, Wiring Devices — Dimensional Specifications.

(B) Wet Locations.

(1) Receptacles of 15 and 20 Amperes 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 cap is inserted. An outlet box hood installed for this purpose shall be listed and shall be identified as "extra-duty." All 15- and 20- ampere, 125- and 250-volt nonlocking-type receptacles shall be listed weather-resistant type.

Informational Note No. 1: Requirements for extra-duty outlet box hoods are found in ANSI/UL 514D-2016, Cover Plates for Flush-Mounted Wiring Devices. Informational Note No. 2: The types of receptacles covered by this requirement are identified as 5-15, 5-20, 6-15, and 6-20 in ANSI/NEMA WD 6-2016, Wiring Devices — Dimensional Specifications.

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 406.9(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.

(C) Bathtub and Shower Space. Receptacles shall not be installed within a zone measured 900 mm (3 ft) horizontally and 2.5 m (8 ft) vertically from the top of the bathtub rim or shower stall threshold. The identified zone is all-encompassing and shall include the space directly over the tub or shower stall.

(D) Protection for Floor Receptacles. Standpipes of floor

Standards, 2020 National Electrical Code®

receptacles shall allow floor-cleaning equipment to be operated without damage to receptacles.

(E) Flush Mounting with Faceplate. The enclosure for a receptacle installed in an outlet box flush-mounted in a finished surface shall be made weatherproof by means of a weatherproof faceplate assembly that provides a watertight connection between the plate and the finished surface.

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
- Bilingual 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 pages that follow for more specific information about BELL® products.

National Electric Code® and NEC® is a registered Trademark of the National Fire Protection Association.

Calculate The Minimum Size Box

Section 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. Up to 4 grounding wires entering a box, count a one volume allowance. A 1/4 volume allowance shall be made for each additional grounding conductor or bonding jumper that enters the box, based on the size of the largest grounding conductor.
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.

Table 314.16(B)
Volume Allowance Required per Conductor

Size of Conductor	Free Space Within Box for Each Conductor	
(AWG)	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

Example – BELL® Weatherproof

To calculate the minimum internal volume needed for an enclosure, to supply power to a single switch using #14/2 conductors, you must account for 2 conductors, one ground, and one switch, totaling 5 allowances. Table 314.16(B) of NFPA 70 National Electrical Code, states that multiplying 5 times 2.00 for the #14 conductors, will require a minimum of 10.0 cubic inches.

Die-Cast Aluminum Boxes

1-Gang

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
- Durable powder coat finish
- Included beveled corner mounting lugs provide for 24 different mounting positions
- Two closure plugs included
- Ground screw installed
- Multilingual instructions in each package
- Internal threads on hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit

Compliance

- File E195978
- C22.2 No. 18
- FILE E212332*
- NEMA 3R



5320-0/5/9
5320-1/6
5320-2/7



SB350S



5324-0/5
5324-1



SB375S
SB375WH
SB375Z



5321-0/5/9
5321-1/6
5321-2



5330-0



SB475WH
SB475Z

Die-Cast Aluminum Boxes - 1-Gang

Catalog #	Cubic In. (cm3)	Description		Pkg. Type	Std. Pkg.	Bar Code
		Color	Outlets			
2" Deep, with Lugs – Three Threaded Outlets – 4-1/2" X 2-3/4"						
5320-0	18.3 (299.9)	Gray	(3) 1/2"	Shrink	20	
5320-1	18.3 (299.9)	White	(3) 1/2"	Shrink	20	
5320-2	18.3 (299.9)	Bronze	(3) 1/2"	Shrink	20	
5320-5	18.3 (299.9)	Gray	(3) 1/2"	Carded	6	
5320-6	18.3 (299.9)	White	(3) 1/2"	Carded	6	
5320-7	18.3 (299.9)	Bronze	(3) 1/2"	Carded	6	
5320-9	18.3 (299.9)	Gray	(3) 1/2"	Bulk	50	
SB350S*	18.3 (299.9)	Gray	(3) 1/2"	Shrink	16	
5324-0	18.3 (299.9)	Gray	(3) 3/4"	Shrink	20	
5324-1	18.3 (299.9)	White	(3) 3/4"	Shrink	20	
5324-5	18.3 (299.9)	Gray	(3) 3/4"	Carded	6	
SB375S*	18.3 (299.9)	Gray	(3) 3/4"	Shrink	16	
SB375WH*	18.3 (299.9)	White	(3) 3/4"	Shrink	16	
SB375Z*	18.3 (299.9)	Bronze	(3) 3/4"	Shrink	16	
2" Deep, with Lugs – Four Threaded Outlets – 4-1/2" X 2-3/4"						
5321-0	18.3 (299.9)	Gray	(4) 1/2"	Shrink	20	
5321-1	18.3 (299.9)	White	(4) 1/2"	Shrink	20	
5321-2	18.3 (299.9)	Bronze	(4) 1/2"	Shrink	20	
5321-5	18.3 (299.9)	Gray	(4) 1/2"	Carded	6	
5330-0	18.3 (299.9)	Gray	(4) 3/4"	Shrink	20	
SB475WH*	18.3 (299.9)	White	(4) 3/4"	Shrink	16	
SB475Z*	18.3 (299.9)	Bronze	(4) 3/4"	Shrink	16	

*Notes: *FILE E212332.*

See end of section (Pg D44) for detailed drawings »

Die-Cast Aluminum Boxes

1-Gang



5322-0



SB550WH



5331-0



5323-0



5332-0



5385-0



SD350WH
SD350Z



5386-0



SD375WH
SD375Z



5387-0



SD450S



SD475S

Die-Cast Aluminum Boxes - 1-Gang

Catalog #	Cubic In. (cm3)	Description		Pkg. Type	Std. Pkg.	Bar Code
		Color	Outlets			
2" Deep, with Lugs – Five Threaded Outlets – 4-1/2" X 2-3/4"						
5322-0	18.3 (299.9)	Gray	(5) 1/2"	Shrink	20	IIIIIIII
SB550WH*	18.3 (299.9)	White	(5) 1/2"	Shrink	16	IIIIIIII
5331-0	18.3 (299.9)	Gray	(5) 3/4"	Shrink	20	IIIIIIII
2" Deep, with Side Lugs – Five Threaded Outlets – 4-1/2" X 2-3/4"						
5323-0	18.3 (299.9)	Gray	(5) 1/2"	Shrink	20	IIIIIIII
5332-0	18.3 (299.9)	Gray	(5) 3/4"	Shrink	20	IIIIIIII
2-5/8" Deep, with Lugs – Three Threaded Outlets – 4-1/2" X 2-3/4"						
5385-0	22.5 (368.7)	Gray	(3) 1/2"	Shrink	15	IIIIIIII
SD350WH*	23.8 (390)	White	(3) 1/2"	Shrink	10	IIIIIIII
SD350Z*	23.8 (390)	Bronze	(3) 1/2"	Shrink	10	IIIIIIII
5386-0	22.5 (368.7)	Gray	(3) 3/4"	Shrink	15	IIIIIIII
SD375WH*	23.8 (390)	White	(3) 3/4"	Shrink	10	IIIIIIII
SD375Z*	23.8 (390)	Bronze	(3) 3/4"	Shrink	10	IIIIIIII
5387-0	22.5 (368.7)	Gray	(3) 1"	Shrink	15	IIIIIIII
2-5/8" Deep, with Lugs – Four Threaded Outlets – 4-1/2" X 2-3/4"						
SD450S*	24.1 (394)	Gray	(4) 1/2"	Shrink	10	IIIIIIII
SD475S*	23.9 (391)	Gray	(4) 3/4"	Shrink	10	IIIIIIII

*Notes: *FILE E212332.*

See end of section (Pg D44) for detailed drawings »

Die-Cast Aluminum Extensions and Adapters

1-Gang

Applications

- Use 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 included with extensions with threaded outlets
- Internal threads and hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit

Compliance

- File E195978
- C22.2 No. 18
- FILE E212332*
- NEMA 3R



5406-0

(No ground screw)



5399-0, 5403-0

(Includes one closure plug)



SE450S
SE450WH
SE450Z

(Includes four closure plugs)



5400-0/5, 5405-0

(Includes three closure plugs)



SE475S

(Includes four closure plugs)

Die-Cast Aluminum Extensions and Adapters - 1-Gang

Catalog #	Cubic In. (cm^3)	Description		Pkg. Type	Std. Pkg.	Bar Code
		Color	Outlets			
Extension – 4-1/2" X 2-3/4" X 1" Deep						
5406-0	9.5 (155.7)	Gray	—	Shrink	25	IIIIIIII
Extension Adapters – 5-1/4" X 3-1/2" X 1-1/2" Deep – Two Threaded Outlets						
5399-0	9.5 (155.7)	Gray	(2) 1/2"	Shrink	20	IIIIIIII
5403-0	11.0 (180.3)	Gray	(2) 3/4"	Shrink	20	IIIIIIII
Extension Adapters – 5-1/4" X 3-1/2" X 1-1/2" Deep – Four threaded outlets						
SE450S*	17.3 (283.5)	Gray	(4) 1/2"	Shrink	6	IIIIIIII
SE450WH*	17.3 (283.5)	White	(4) 1/2"	Shrink	6	IIIIIIII
SE450Z*	17.3 (283.5)	Bronze	(4) 1/2"	Shrink	6	IIIIIIII
SE475S*	17.3 (283.5)	Gray	(4) 3/4"	Shrink	6	IIIIIIII
Extension Adapters – 5-1/4" X 3-1/2" X 1-1/2" Deep – Six Threaded Outlets						
5400-0	9.5 (155.7)	Gray	(6) 1/2"	Shrink	20	IIIIIIII
5400-5	9.5 (155.7)	Gray	(6) 1/2"	Carded	6	IIIIIIII
5405-0	11.0 (180.3)	Gray	(6) 3/4"	Shrink	20	IIIIIIII

*Notes: *FILE E212332.*

See end of section (Pg D44) for detailed drawings »

Die-Cast Aluminum Extensions and Adapters

1-Gang

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. Allows the installer better visibility when lining up and threading fasteners
- Rugged die-cast construction
- Reinforced connector outlets
- Durable powder coat finish
- Installation hardware, ground screw and gasket provided
- Multilingual instructions in each package
- Internal threads and hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit

Compliance

- File E195978
- NEMA 3R



5412-0, 5413-0

(Includes one closure plug)



5414-0, 5415-0

(Includes three closure plugs)

Die-Cast Aluminum Extensions and Adapters - 1-Gang

Catalog #	Cubic In. (cm^3)	Description		Pkg. Type	Std. Pkg.	Bar Code
		Color	Outlets			
Swing-Arm – Extension Adapters – 5-1/4″ X 3-1/2″ X 1-1/2″ Deep						
5412-0	13.8 (226.1)	Gray	(2) 1/2″	Shrink	10	IIIIIIII
5413-0	13.8 (226.1)	Gray	(2) 3/4″	Shrink	10	IIIIIIII
5414-0	12.8 (209.8)	Gray	(6) 1/2″	Shrink	10	IIIIIIII
5415-0	12.8 (209.8)	Gray	(6) 3/4″	Shrink	10	IIIIIIII

See end of section (Pg D44) for detailed drawings »

Die-Cast Aluminum Boxes

2-Gang

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
- Durable powder coat finish
- Included beveled corner mounting lugs provide for 24 different mounting positions
- Closure plugs included
- Ground screw installed
- Multilingual instructions in each package
- Internal threads on hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit

Compliance

- File E195978
- C22.2 No. 18
- FILE E212332*
- NEMA 3R



5333-0



DB350WH

DB350Z



5341-0



DB375WH

DB375Z



5335-0



5343-0



5337-0/5

5337-1



5345-0

Die-Cast Aluminum Boxes - 2-Gang

Catalog #	Cubic In. (cm3)	Description		Pkg. Type	Std. Pkg.	Bar Code
		Color	Outlets			
2" Deep, with Lugs – Three Threaded Outlets – 4-1/2" X 4-1/2"						
5333-0	32.0 (524.4)	Gray	(3) 1/2"	Shrink	12	IIIIIIII
DB350WH*	33.8 (553.9)	White	(3) 1/2"	Shrink	9	IIIIIIII
DB350Z*	33.8 (553.9)	Bronze	(3) 1/2"	Shrink	9	IIIIIIII
5341-0	32.0 (524.4)	Gray	(3) 3/4"	Shrink	12	IIIIIIII
DB375WH*	33.0 (540.8)	White	(3) 3/4"	Shrink	9	IIIIIIII
DB375Z*	33.0 (540.8)	Bronze	(3) 3/4"	Shrink	9	IIIIIIII
2" Deep, with Lugs – Four Threaded Outlets – 4-1/2" X 4-1/2"						
5335-0	31.0 (508.0)	Gray	(4) 1/2"	Shrink	12	IIIIIIII
5343-0	31.0 (508.0)	Gray	(4) 3/4"	Shrink	12	IIIIIIII
2" Deep, with Lugs – Five Threaded Outlets – 4-1/2" X 4-1/2"						
5337-0	31.0 (508.0)	Gray	(5) 1/2"	Shrink	12	IIIIIIII
5337-1	31.0 (508.0)	White	(5) 1/2"	Shrink	12	IIIIIIII
5337-5	31.0 (508.0)	Gray	(5) 1/2"	Carded	4	IIIIIIII
5345-0	31.0 (508.0)	Gray	(5) 3/4"	Shrink	12	IIIIIIII

*Notes: *FILE E212332.*

See end of section (Pg D44) for detailed drawings »

Die-Cast Aluminum Boxes

2-Gang



5334-0, 5342-0



5340-0, 5348-0



5338-0, 5346-0



5388-0, 5389-0



DD575XS



DD5100XS

Die-Cast Aluminum Boxes - 2-Gang

Catalog #	Cubic In. (cm3)	Description		Pkg. Type	Std. Pkg.	Bar Code
		Color	Outlets			
2″ Deep, with Side Lugs – Five Threaded Outlets – 4-1/2″ X 4-1/2″						
5334-0	32.0 (524.4)	Gray	(5) 1/2″	Shrink	12	IIIIIIII
5342-0	32.0 (524.4)	Gray	(5) 3/4″	Shrink	12	IIIIIIII
2″ Deep, with Lugs – Seven Threaded Outlets – 4-1/2″ X 4-1/2″						
5340-0	30.2 (494.9)	Gray	(7) 1/2″	Shrink	12	IIIIIIII
5348-0	30.2 (494.9)	Gray	(7) 3/4″	Shrink	12	IIIIIIII
2″ Deep, with Side Lugs – Seven Threaded Outlets – 4-1/2″ X 4-1/2″						
5338-0	31.0 (508.0)	Gray	(7) 1/2″	Shrink	12	IIIIIIII
5346-0	31.0 (508.0)	Gray	(7) 3/4″	Shrink	12	IIIIIIII
2-5/8″ Deep, with Lugs – Five Threaded Outlets – 4-1/2″ X 4-1/2″						
5388-0	36.0 (589.9)	Gray	(5) 3/4″	Shrink	9	IIIIIIII
5389-0	36.0 (589.9)	Gray	(5) 1″	Shrink	9	IIIIIIII
2-5/8″ Deep, with Side Lugs – Five Threaded Outlets – 4-1/2″ X 4-1/2″						
DD575XS*	43.5 (712.8)	Gray	(5) 3/4″	Shrink	6	IIIIIIII
DD5100XS*	43.0 (704.6)	Gray	(5) 1″	Shrink	6	IIIIIIII

*Notes: *FILE E212332.*

See end of section (Pg D45) for detailed drawings »

Die-Cast Aluminum Box and Extension

2-Gang Extension

Applications

- Used to provide additional capacity needed for NEC box fill requirements

Product Features

- Rugged seamless construction
- Durable powder coat finish
- Installation hardware and gasket provided
- Multilingual instructions in each package

Compliance

- File E195978
- C22.2 No. 18
- NEMA 3R



5407-0

2-Gang Extension – 4-21/32" X 4-21/32" X 1-1/32" Deep

Catalog #	Cubic In. (cm^3)	Description		Pkg. Type	Std. Pkg.	Bar Code
		Color	Outlets			
5407-0	16.0 (262.2)	Gray	—	Shrink	10	IIIIIIII

3-Gang



TB750S*



5390-0



TB7100S*

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
- Durable powder coat finish
- Included beveled corner mounting lugs provide for 24 different mounting positions
- Four closure plugs included
- Ground screws installed
- Multilingual instructions in each package
- Internal threads and hubs comply with NEMA requirements. Hubs accept all threaded fittings and threaded conduit

3-Gang Box – 2-5/8" Deep, with Lugs – Seven Threaded Outlets 4-1/2" X 6-3/8"

Catalog #	Cubic In. (cm^3)	Description		Pkg. Type	Std. Pkg.	Bar Code
		Color	Outlets			
TB750S*	61 (999)	Gray	(7) 1/2"	Shrink	5	IIIIIII
5390-0	55.0 (901.3)	Gray	(7) 3/4"	Boxed	1	IIIIIIII
TB7100S*	56.0 (917.7)	Gray	(7) 1"	Shrink	5	IIIIIIII

*Notes: *FILE E212332.*

Compliance

- File E195978
- C22.2 No. 18
- FILE E212332*
- NEMA 3R

See end of section (Pg D45) for detailed drawings »

Die-Cast Aluminum Round Splice Boxes and Extension Adapter

4" Round Box

Applications

- For use in branch circuit wiring in wet, damp or dry locations
- Designed for use as a weatherproof junction box. May be used with BELL® round cluster covers and round lampholder combinations

Product Features

- Rugged die-cast construction
- Reinforced connector outlets
- Durable powder coat finish
- Cast-in mounting lugs provide fast, secure installation
- Includes four closure plugs, installed ground screw and multilingual instructions

Compliance

- File E195978
- C22.2 No. 18
- NEMA 3R



5361-0/5, 5372-0



5361-1/6



5361-2/7

4" Round Splice Box – Five Threaded Outlets – 1-1/2" Deep

Catalog #	Cubic In. (cm3)	Description		Pkg. Type	Std. Pkg.	Bar Code
		Color	Outlets			
5361-0	16.0 (262.2)	Gray	(5) 1/2"	Shrink	16	IIIIIIII
5361-1	16.0 (262.2)	White	(5) 1/2"	Shrink	16	IIIIIIII
5361-2	16.0 (262.2)	Bronze	(5) 1/2"	Shrink	16	IIIIIIII
5361-5	16.0 (262.2)	Gray	(5) 1/2"	Carded	6	IIIIIIII
5361-6	16.0 (262.2)	White	(5) 1/2"	Carded	6	IIIIIIII
5361-7	16.0 (262.2)	Bronze	(5) 1/2"	Carded	6	IIIIIIII
5372-0	16.0 (262.2)	Gray	(5) 3/4"	Shrink	16	IIIIIIII

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

Product Features

- Rugged die-cast construction
- Reinforced connector outlets
- Durable powder coat finish
- Includes installation hardware, closure plugs, gasket and multilingual instructions

Compliance

- File E195978
- C22.2 No. 18
- NEMA 3R



5363-0

4" Round Extension Adapter – Four Threaded Outlets – 1-1/2" Deep

Catalog #	Cubic In. (cm3)	Description		Pkg. Type	Std. Pkg.	Bar Code
		Color	Outlets			
5363-0	16.3 (267.1)	Gray	(4) 1/2"	Shrink	16	IIIIIIII

See end of section (Pg D45) for detailed drawings »

Multiconfiguration Flip Covers

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle or switch

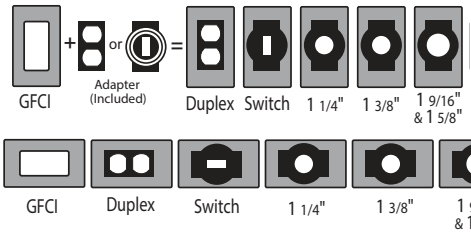
Product Features

- Heavy duty die-cast metal construction
- Quick-fit keyhole mounting system allows cover installation in under a minute
- Includes gasket and mounting hardware
- Universal Fit Adapter System Technology (U-Fast) comes pre-configured for GFCI
- Durable powder coat finish
- Horizontal or vertical mount
- Lockable tab (fits up to 1/8" shackle)

Compliance

- File E212332
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R

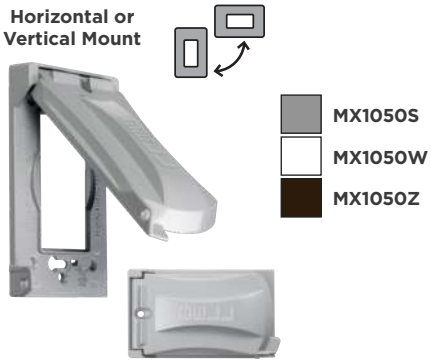
12-in-1 Configurations





MX1250S
MX1250W
MX1250Z

Horizontal or Vertical Mount

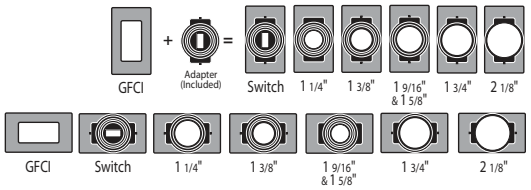


MX1050S
MX1050W
MX1050Z

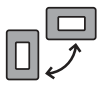


MX1550S

14-in-1 Configurations



Horizontal or Vertical Mount



1-Gang Flip Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
MX1050S	Vertical/Horizontal	Gray	Shrink	20	IIIIIIII
MX1050W	Vertical/Horizontal	White	Shrink	20	IIIIIIII
MX1050Z	Vertical/Horizontal	Bronze	Shrink	20	IIIIIIII
MX1250S	Horizontal/Vertical	Gray	Shrink	20	IIIIIIII
MX1250W	Horizontal/Vertical	White	Shrink	20	IIIIIIII
MX1250Z	Horizontal/Vertical	Bronze	Shrink	20	IIIIIIII
MX1550S	Vertical/Horizontal Large Round and Twist Lock	Gray	Shrink	10	IIIIIIII

See end of section (Pg D46) for detailed drawings »

Metal 1-Gang Device Covers

Die-Cast Aluminum Rayntite® Covers

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle

Product Features

- Rugged die-cast construction
- Durable 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 (fits up to 3/16" shackle)
- May be mounted to box or device
- Includes installation hardware, gasket and multilingual instruction

Compliance

- File 195978
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R



5027-0



5028-0/5



5028-6



5031-0



5026-0



5029-0



5030-0

Metal 1-Gang Device Covers - Die-Cast Aluminum Rayntite Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Vertical Mount – Device Covers					
5027-0	Duplex	Gray	Shrink	24	IIIIIIII
5028-0	GFCI	Gray	Shrink	24	IIIIIIII
5028-5	GFCI	Gray	Carded	6	IIIIIIII
5028-6	GFCI	White	Carded	6	IIIIIIII
Vertical Mount – Single Round Device Covers					
5031-0	1.4" dia (mostly 15A)	Gray	Shrink	12	IIIIIIII
5026-0	1.59" dia (mostly 20A)	Gray	Shrink	24	IIIIIIII
5029-0	1.71" dia (mostly 30A)	Gray	Shrink	12	IIIIIIII
5030-0	2.15" dia (mostly 30-50A)	Gray	Shrink	12	IIIIIIII

See end of section (Pg D46) for detailed drawings »

Metal 1-Gang Device Covers

Vertical Flip Covers

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle

Product Features

- Rugged metallic construction
- Durable 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 multilingual instructions

Compliance

- File E195978
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R



5146-0/5



5146-1



5103-0/5



5103-1/6



5103-2



5155-0/5



5155-6



5095-0

Metal 1-Gang Device Covers - Vertical Flip Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Device Mount					
5146-0	Duplex	Gray	Shrink	24	IIIIIIII
5146-1	Duplex	White	Shrink	24	IIIIIIII
5146-5	Duplex	Gray	Carded	6	IIIIIIII
5103-0	GFCI	Gray	Shrink	24	IIIIIIII
5103-1	GFCI	White	Shrink	24	IIIIIIII
5103-2	GFCI	Bronze	Shrink	24	IIIIIIII
5103-5	GFCI	Gray	Carded	6	IIIIIIII
5103-6	GFCI	White	Carded	6	IIIIIIII
5155-0	Single, 1.4" diameter	Gray	Shrink	24	IIIIIIII
5155-5	Single, 1.4" diameter	Gray	Carded	6	IIIIIIII
5155-6	Single, 1.4" diameter	White	Carded	6	IIIIIIII
Box Mount					
5095-0	Duplex	Gray	Shrink	24	IIIIIIII

See end of section (Pg D46) for detailed drawings »

Metal 1-Gang Device Covers

Horizontal Flip Covers

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle

Product Features

- Rugged metallic construction
- Durable 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 multilingual instructions

Compliance

- File 195978
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R



5180-0/5



5180-1/6



5180-2/7



5101-0/5
5101-1/6
5101-2/7



5102-0



5152-0



5153-0



5712-5WRTR

Device Mount

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
5180-0	Duplex	Gray	Shrink	24	IIIIIIII
5180-1	Duplex	White	Shrink	24	IIIIIIII
5180-2	Duplex	Bronze	Shrink	24	IIIIIIII
5180-5	Duplex	Gray	Carded	6	IIIIIIII
5180-6	Duplex	White	Carded	6	IIIIIIII
5180-7	Duplex	Bronze	Carded	6	IIIIIIII
5101-0*	GFCI	Gray	Shrink	24	IIIIIIII
5101-1*	GFCI	White	Shrink	24	IIIIIIII
5101-2*	GFCI	Bronze	Shrink	24	IIIIIIII
5101-5*	GFCI	Gray	Carded	6	IIIIIIII
5101-6*	GFCI	White	Carded	6	IIIIIIII
5101-7*	GFCI	Bronze	Carded	6	IIIIIIII
5102-0	GFCI	Gray	Shrink	24	IIIIIIII
5152-0	Single, 1.4" diameter	Gray	Shrink	24	IIIIIIII
5153-0	15A 125V Motor male plug base (fits up to 1.6" diameter female plug connector)	Gray	Shrink	12	IIIIIIII
5712-5WRTR*	15A, 125V WR/TR Duplex receptacle included	Gray	Carded	6	IIIIIIII

*Notes: *C/UL Listed.*

See end of section (Pg D47) for detailed drawings »

Multiconfiguration 2-Gang Flip Covers

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle or switch

Product Features

- Heavy duty die-cast metal construction
- Quick-Fit keyhole mounting system allows cover installation in under a minute
- Includes gasket and mounting hardware
- Universal Fit Adapter System Technology (U-Fast) comes pre-configured for GFCI
- Durable powdercoat finish
- Horizontal or vertical mount
- Lockable tab (fits up to 1/8" shackle)

Compliance

- File E212332
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R



MX2050S

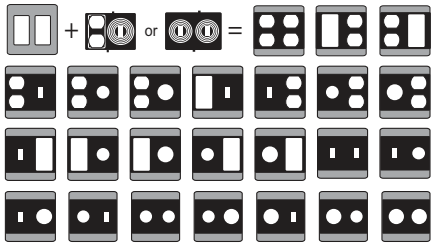


MX2050WH



MX2050Z

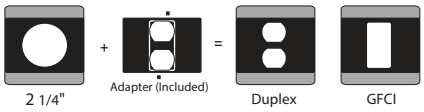
25-in-1 Configurations





MX2150S

3-in-1 Configurations



2-Gang Flip Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
MX2050S	2-Device 25-in-1	Gray	Shrink	6	IIIIIIII
MX2050WH	2-Device 25-in-1	White	Shrink	4	IIIIIIII
MX2050Z	2-Device 25-in-1	Bronze	Shrink	4	IIIIIIII
MX2150S	1-Device 3-in-1	Gray	Shrink	4	IIIIIIII

See end of section (Pg D47) for detailed drawings »

Metal Locking Cover

Heavy Duty Cast Flush Weatherproof Cover

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle or switch
- Easily mounts to any 3-3/4", 4" or 4-11/16" square box

Product Features

- Heavy duty cast aluminum construction with durable enamel paint
- Cobra Cam lock, key removal in locked and unlocked positions
- 2 keys provided
- 4-in-1 configuration fits common device sizes including: duplex, decorator/GFCI, toggle switch, and round receptacle (2.125" Dia)
- Irradiation crosslinked polyethylene foam gasket
- Mounting hardware included
- Adapters included for various devices

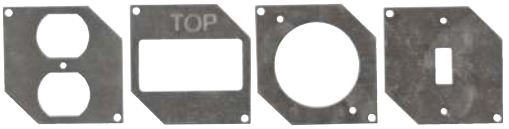
Compliance

- File E212332
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R

4-in-1 Configurations







Duplex Decorator 30 - 50 A (2.125" Dia.) Toggle



4600RAC







1-Gang Locking Cover

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
4600RAC	1-Device 4-in-1, Heavy duty, weatherproof	Gray	Boxed	1	IIIIIIII

See end of section (Pg D48) for detailed drawings »

Metal 2-Gang Device Covers

Die-Cast Aluminum Rayntite® 2-Gang Covers

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle

Product Features

- Rugged die-cast construction
- Durable 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 (fits up to 3/16" shackle)
- May be mounted to box or device
- Includes installation hardware, gasket and multilingual instructions

Compliance

- File E195978
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R



5033-0



5034-0



5036-0



5043-0



5045-0

Rayntite Vertical Mount – Device Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
5033-0	(1) Duplex & (1) GFCI	Gray	Shrink	6	IIIIIIII
5034-0	Single 2.6" dia (mostly 60A)	Gray	Shrink	6	IIIIIIII
5036-0	Single 2.15" dia (mostly 30-50A)	Gray	Shrink	6	IIIIIIII
5043-0	(1) Toggle & (1) GFCI	Gray	Shrink	6	IIIIIIII
5045-0	(2) GFCI	Gray	Shrink	6	IIIIIIII

See end of section (Pg D48) for detailed drawings »

Metal 2-Gang Device Covers

2-Gang Flip Covers

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle

Product Features

- Rugged metallic construction
- Durable 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 multilingual instructions

Compliance

- File E195978
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R



5148-0/5



5157-0



5145-0

Metal 2-Gang Device Covers - 2-Gang Flip Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Device Mount					
5148-0	(2) Duplex	Gray	Shrink	18	IIIIIIII
5148-5	(2) Duplex	Gray	Carded	4	IIIIIIII
5157-0	(2) Single, 1.4" dia.	Gray	Shrink	18	IIIIIIII
Box Mount					
5145-0	(2) GFCI	Gray	Shrink	10	IIIIIIII

See end of section (Pg D48) for detailed drawings »

Multiconfiguration 3-Gang Flip Cover

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle or switch

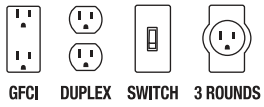
Product Features

- Heavy duty die-cast metal construction
- Quick-Fit keyhole mounting system allows cover installation in under a minute
- Includes gasket and mounting hardware
- Universal Fit Adapter System Technology (U-Fast) for 125-in-1 custom device configurations, comes pre-configured for GFCI
- Durable powder coat finish
- Horizontal or vertical mount
- Lockable tab (fits up to 3/16" shackle)

Compliance

- File E212332
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R

25-in-1 Configurations





MX3050S

3-Gang Flip Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
MX3050S	3-Device 125-in-1	Gray	Shrink	5	IIIIIIII

See end of section (Pg D48) for detailed drawings »

Metal 3-Gang Device Covers

Box Mount 3-Gang Flip Cover

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle

Product Features

- Rugged metallic construction
- Durable 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 multilingual instructions

Compliance

- File E195978
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R



5093-0

3-Gang Flip Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
5093-0	(3) Single, 1.4" dia.	Gray	Boxed	1	IIIIIIII

See end of section (Pg D49) for detailed drawings »

Flip Cover Combos and Complete Kits

Applications

- Receptacle and metal cover combos for use whenever weatherproof protection is required in wet, damp, or dry location

Product Features

- Includes weather-resistant receptacle with weatherproof flip cover and box
- Heavy duty die-cast metal construction
- Includes gasket and mounting hardware
- Durable powder coat finish
- Lockable tab (see cover listings for shackle dia.)
- Each kit is a convenient, complete weatherproof installation – no need to purchase separate components

Compliance

- File E313240 (5839 series)
- File E346152 (5874 series)
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R



5874-5S
5874-6S



5839-5WRTR
5839-6WRTR
5839-7WRTR

Metal Device Cover Combos and Kits - Flip Cover Combos and Complete Kits

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Complete Flip Cover Kits					
5839-5WRTR	Flip Cover, WR/TR Duplex, (3) 1/2" Outlet Box	Gray	Box	4	IIIIIIII
5839-6WRTR	Flip Cover, WR/TR Duplex, (3) 1/2" Outlet Box	White	Box	4	IIIIIIII
5839-7WRTR	Flip Cover, WR/TR Duplex, (3) 1/2" Outlet Box	Bronze	Box	4	IIIIIIII
5874-5S	Flip Cover, WR/TR Self-test Hubbell 15A GFCI, (3) 1/2" Outlet Box	Gray	Box	4	IIIIIIII
5874-6S	Flip Cover, WR/TR Self-test Hubbell 15A GFCI, (3) 1/2" Outlet Box	White	Box	4	IIIIIIII

See end of section (Pg D49) for detailed drawings »

Metal Covers

Metal Box Covers

Applications

- For use whenever weatherproof protection is required for an outdoor receptacle

Product Features

- Rugged metallic construction
- Durable powder coat finish provides maximum weatherability and scratch resistance
- Includes installation hardware, gasket and multilingual instructions

Compliance

- File E195978
- Meets NEC® 406.9 (A) Requirements
- NEMA 3R



5173-0/5



5173-1/6



5173-2/7



5174-0



5175-0/5
5175-1
5175-2



5177-0

Metal Covers - Metal Box Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
1-Gang Blank Covers - Device Mount					
5173-0	Blank Cover	Gray	Shrink	50	IIIIIIII
5173-1	Blank Cover	White	Shrink	50	IIIIIIII
5173-2	Blank Cover	Bronze	Shrink	50	IIIIIIII
5173-5	Blank Cover	Gray	Carded	12	IIIIIIII
5173-6	Blank Cover	White	Carded	12	IIIIIIII
5173-7	Blank Cover	Bronze	Carded	12	IIIIIIII
1-Gang Blank Covers - Box Mount					
5174-0	Blank Cover	Gray	Shrink	50	IIIIIIII
2-Gang Blank Covers - Device Mount					
5175-0	Blank Cover	Gray	Shrink	25	IIIIIIII
5175-1	Blank Cover	White	Shrink	25	IIIIIIII
5175-2	Blank Cover	Bronze	Shrink	25	IIIIIIII
5175-5	Blank Cover	Gray	Carded	6	IIIIIIII
3-Gang Blank Covers - Box Mount (5390-0)					
5177-0	Blank Cover	Gray	Boxed	10	IIIIIIII

See end of section (Pg D49) for detailed drawings »

Round Box Covers

Applications

- For use with 4" round splice boxes

Product Features

- Rugged metallic construction
- Durable powder coat finish
- Includes installation hardware, gasket and multilingual instructions

Compliance

- File E195978
- NEC® Compliant
- NEMA 3R



5374-0



5374-1



5374-2

4" Round Cover

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
5374-0	Round, Blank Cover	Gray	Shrink	30	IIIIIIII
5374-1	Round, Blank Cover	White	Shrink	20	IIIIIIII
5374-2	Round, Blank Cover	Bronze	Shrink	20	IIIIIIII

Round Closure Plates

Applications

- Use in dry locations for closure of unused ceiling outlets

Product Features

- Rugged metallic construction
- Durable powder coat paint finish provides a scratch-resistant surface

Compliance

- File E195978



5652-1



5653-1



5654-1

5" Round Closure Plates – Steel

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
5652-1	Screw & universal mount strap	Off White	Shrink	10	IIIIIIII
5653-1	(2) 8 - 32 screws, direct mount to fixture outlet box	Off White	Shrink	10	IIIIIIII
5654-1	Fixture stud & universal mount strap	Off White	Shrink	10	IIIIIIII

See end of section (Pg D50) for detailed drawings »

Metal Rocker Switch Covers

Metal Decorator Switch Covers

Applications

- A convenient and stylish switch for BBQ island, patio, deck, exterior walls, pool and spa and more

Product Features

- Convenient on/off polycarbonate rocker switch
- Internal elastomer membrane
- Compatible with single pole or 3-way decorator switches

Compliance

- File E116141
- NEC® Compliant
- NEMA 3R





Outdoor Comforts™
Enhance Your Outdoor Space!



5122-0*



5123-0



5123-1



5123-2



5127-0



5127-1



5127-2



5129-0



5129-1



5129-2

Receptacle / Flip Cover Combos

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
5122-0	Weatherproof Decorator Switch Cover and Switch*	Gray	Clamshell	6	IIIIIIII
5123-0	Weatherproof Decorator Switch Cover	Gray	Shrink	10	IIIIIIII
5123-1	Weatherproof Decorator Switch Cover	White	Shrink	10	IIIIIIII
5123-2	Weatherproof Decorator Switch Cover	Bronze	Shrink	10	IIIIIIII
5127-0	2-Gang Weatherproof Decorator Switch Cover	Gray	Shrink	6	IIIIIIII
5127-1	2-Gang Weatherproof Decorator Switch Cover	White	Shrink	6	IIIIIIII
5127-2	2-Gang Weatherproof Decorator Switch Cover	Bronze	Shrink	6	IIIIIIII
5129-0	3-Gang Weatherproof Decorator Switch Cover	Gray	Shrink	2	IIIIIIII
5129-1	3-Gang Weatherproof Decorator Switch Cover	White	Shrink	2	IIIIIIII
5129-2	3-Gang Weatherproof Decorator Switch Cover	Bronze	Shrink	2	IIIIIIII

** 15A 120/277 VAC single pole polycarbonate decorator switch included.*

See end of section (Pg D50) for detailed drawings »

Metal Toggle Switch Covers

Applications

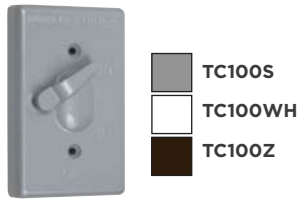
- For use whenever weatherproof protection is required for an "on-off" type switch

Product Features

- Rugged metallic construction
- Durable powder coat finish provides maximum weatherability and scratch resistance.
- Includes mounting screws, ferrules (inset spacers for low profile covers), gasket and multilingual instructions
- Kits include switch(es) configured for specific toggle cover use – no need to purchase separate components

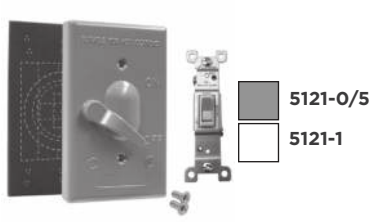
Compliance

- File E195978
- C22.2 No. 18
- FILE E212332 (TC100)
- NEC® Compliant
- NEMA 3R

















Metal Toggle Switch Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Toggle Switch Covers					
TC100S	1-Gang	Gray	Shrink	10	IIIIIIII
TC100WH	1-Gang	White	Shrink	10	IIIIIIII
TC100Z	1-Gang	Bronze	Shrink	10	IIIIIIII
5125-0	2-Gang	Gray	Shrink	8	IIIIIIII
5167-0	Combo Toggle and GFCI/Decorator Cover	Gray	Shrink	8	IIIIIIII
1-Gang Covers with Devices					
5121-0	Single Pole 15A 125V	Gray	Shrink	24	IIIIIIII
5121-1	Single Pole 15A 125V	White	Shrink	24	IIIIIIII
5121-5	Single Pole 15A 125V	Gray	Carded	6	IIIIIIII
5141-0	3-Way 125V, 6A or 250V, 3A	Gray	Shrink	8	IIIIIIII
5141-5	3-Way 125V, 6A or 250V, 3A	Gray	Carded	6	IIIIIIII
5128-0	Single Pole 20A 120-277VAC	Gray	Shrink	20	IIIIIIII
5137-0	Double Pole 20A 120-277VAC	Gray	Shrink	20	IIIIIIII
2-Gang Covers with Devices					
5124-0	(2) Single Pole 15A 125V	Gray	Shrink	8	IIIIIIII
5124-5	(1) Single Pole & (1) 3-Way 15A 125V	Gray	Carded	4	IIIIIIII
5166-0WRTR	(1) Single Pole 15A 125V & (1) WR/TR Duplex	Gray	Shrink	8	IIIIIIII
5166-5WRTR	(1) Single Pole 15A 125V & (1) WR/TR Duplex	Gray	Carded	4	IIIIIIII
3-Gang Cover with Devices					
5126-0	(3) Single Pole 15A 125V	Gray	Boxed	1	IIIIIIII

See end of section (Pg D51) for detailed drawings »

Die-Cast Lampholder/Cluster Covers

Applications

- For use with 1-Gang rectangular or round weatherproof boxes
- Cluster covers provide an easy means of mounting lampholders and other accessories

Product Features

- Rugged die-cast construction
- Durable powder coat finish provides maximum weatherability and scratch-resistance
- Includes installation hardware, gasket and multilingual instructions
- Three-hole covers are supplied with two closure plugs

Compliance

- File E195978
- NEC® Compliant
- NEMA 3R



5186-0/5
5186-1/6
5186-2/7



5189-0/5
5189-1/6
5189-2/7



5193-0/5
5193-1/6
5193-2/7



5197-0/5
5197-1/6
5197-2/7

Die-Cast Lampholder/Cluster Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Rectangular Cluster Covers					
5186-0	(1) 1/2" Outlet	Gray	Shrink	20	IIIIIIII
5186-1	(1) 1/2" Outlet	White	Shrink	20	IIIIIIII
5186-2	(1) 1/2" Outlet	Bronze	Shrink	20	IIIIIIII
5186-5	(1) 1/2" Outlet	Gray	Carded	6	IIIIIIII
5186-6	(1) 1/2" Outlet	White	Carded	6	IIIIIIII
5186-7	(1) 1/2" Outlet	Bronze	Carded	6	IIIIIIII
5189-0	(3) 1/2" Outlets	Gray	Shrink	20	IIIIIIII
5189-1	(3) 1/2" Outlets	White	Shrink	20	IIIIIIII
5189-2	(3) 1/2" Outlets	Bronze	Shrink	20	IIIIIIII
5189-5	(3) 1/2" Outlets	Gray	Carded	6	IIIIIIII
5189-6	(3) 1/2" Outlets	White	Carded	6	IIIIIIII
5189-7	(3) 1/2" Outlets	Bronze	Carded	6	IIIIIIII
4" Round Cluster Covers					
5193-0	(1) 1/2" Outlet	Gray	Shrink	20	IIIIIIII
5193-1	(1) 1/2" Outlet	White	Shrink	20	IIIIIIII
5193-2	(1) 1/2" Outlet	Bronze	Shrink	20	IIIIIIII
5193-5	(1) 1/2" Outlet	Gray	Carded	6	IIIIIIII
5193-6	(1) 1/2" Outlet	White	Carded	6	IIIIIIII
5193-7	(1) 1/2" Outlet	Bronze	Carded	6	IIIIIIII
5197-0	(3) 1/2" Outlets	Gray	Shrink	20	IIIIIIII
5197-1	(3) 1/2" Outlets	White	Shrink	20	IIIIIIII
5197-2	(3) 1/2" Outlets	Bronze	Shrink	20	IIIIIIII
5197-5	(3) 1/2" Outlets	Gray	Carded	6	IIIIIIII
5197-6	(3) 1/2" Outlets	White	Carded	6	IIIIIIII
5197-7	(3) 1/2" Outlets	Bronze	Carded	6	IIIIIIII

See end of section (Pg D51) for detailed drawings »

Die-Cast Lampholders

CFL and LED Compatible

Applications

- For outdoor or indoor lighting use
- Installs into lampholder/cluster covers or junction boxes with 1/2" threaded outlets

Product Features

- Rugged metallic construction
- Durable powder coat finish provides maximum weatherability and scratch-resistance
- Serrated locking knuckle assures positive lamp positioning and provides pinpoint directional aiming
- Extra long wire leads for easy hook-up
- Each lampholder supplied with a porcelain socket, 1/2" locknut and multilingual instructions

Compliance

- File E195978
- NEC® Compliant
- NEMA 3R



5606-0/5



5606-1/6



5606-2/7



5612-0



5611-0



5613-0



5820-8

Die-Cast Lampholders

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Lampholders and Accessories for 150W max. PAR38 Bulbs					
5606-0	Lampholder w/ interior gasket	Gray	Shrink	30	IIIIIIII
5606-1	Lampholder w/ interior gasket	White	Shrink	30	IIIIIIII
5606-2	Lampholder w/ interior gasket	Bronze	Shrink	30	IIIIIIII
5606-5	Lampholder w/ interior gasket	Gray	Carded	6	IIIIIIII
5606-6	Lampholder w/ interior gasket	White	Carded	6	IIIIIIII
5606-7	Lampholder w/ interior gasket	Bronze	Carded	6	IIIIIIII
5612-0	Lampholder w/ exterior gasket	Gray	Shrink	30	IIIIIIII
5611-0	Replacement gasket for 5612-0	–	Polybag	15	IIIIIIII
5613-0	Architectural Lampholder w/ interior gasket and visor	Gray	Shrink	4	IIIIIIII
Bullet Lampholders - for 150W max. PAR38 and R30 Bulbs					
5820-8	Lampholder w/ visor and heavy duty glass lens	Green	Boxed	2	IIIIIII

See end of section (Pg D52) for detailed drawings »

Die-Cast Lampholders

Swivel Joint Lampholders

Applications

- Use to add directional light outdoors for added safety and convenience
- Installs into lampholder/cluster covers or junction boxes with 1/2" threaded outlets

Product Features

- Superior commercial quality die-cast metal construction
- Premium powder coat finish
- LTS100 include porcelain sockets and external weatherproof gaskets. LED and CFL compatible
- LHS uses halogen bulb which last up to 3 times longer and produce almost 50% more light than incandescent bulbs
- No-tool easy-mount feature
- Locking swivel joint assures positive lamp positioning and easy pinpoint directional aiming

Compliance

- File E310337
- NEC® Compliant
- NEMA 3R

Halogen



LHS100S



LHS100W



LHS100Z



Multidirectional Swivel Joint



HB75W



LTS100S



LTS100WH



LTS100Z



CFL and LED Compatible

Die-Cast Lampholders - Swivel Joint Lampholders

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
120V Halogen Swivel Lampholder					
LHS100S	75W 1,300 Lumen, Dimmable (T4 GY8.6 Bulb Included)	Gray	Shrink	6	IIIIIIII
LHS100W	75W 1,300 Lumen, Dimmable (T4 GY8.6 Bulb Included)	White	Shrink	6	IIIIIIII
LHS100Z	75W 1,300 Lumen, Dimmable (T4 GY8.6 Bulb Included)	Bronze	Shrink	6	IIIIIIII
Halogen Replacement Bulb					
HB75W	75W T4 Halogen, 1300 Lumen Dimmable (GY8.6 base)	—	Poly Bag	1	IIIIIIII
Traditional LED / CFL PAR38 Swivel Lampholder					
LTS100S	Uses PAR38 Bulb (150W Maximum, Not Included)	Gray	Shrink	10	IIIIIIII
LTS100WH	Uses PAR38 Bulb (150W Maximum, Not Included)	White	Shrink	10	IIIIIIII
LTS100Z	Uses PAR38 Bulb (150W Maximum, Not Included)	Bronze	Shrink	10	IIIIIIII

See end of section (Pg D52) for detailed drawings »

LED Swivel Floodlights

Applications

- Use to add directional light outdoors for added safety and convenience
- Installs into lampholder/cluster covers or junction boxes with 1/2" threaded outlets

Product Features

- LED's use significantly less energy
- 800-1000 lumens equivalent to 60W incandescent
- 1200 lumens equivalent to 75W incandescent
- 1600 lumens equivalent to 100W incandescent
- 3000K (warm white): Warm light tone that blends well with traditional lighting. Considered more relaxing and easier on the eyes than cool white or blue-white lighting.
- Die-cast aluminum with durable powder coat finish
- Patented swivel joint models provide easy light aiming and unlimited adjustment
- Ball joint models provide easy light aiming and finger screw tightening
- Long life - up to 50,000 hours
- 0-10V dimming allows for a single 0-10V dimmer to efficiently control multiple lights eliminating maximum total wattage limitations of conventional dimmer switches (LL1251W and LL1251Z).
- 120/277VAC 50/60Hz (LL800 is 120VAC)

Compliance

- NEC and NEMA 3R
- DLC 5.1 LISTED (LL1251W, LL1251Z)

DLC LISTED

LED
COMMERCIAL GRADE


Multidirectional Swivel Joint

Warm White
LED
3000K


LL1251W


LL1251Z


LL1200S


LL1200W


LL1200Z


LLS1000S


LLS1000W


LLS1000Z


LL800S


LL800W


LL800Z

Dimmable LED 3000K (Warm White) Commericial Grade Flood Lights

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
LL1251W	Dimmable 1600 Lumen 13W with Locking Swivel Joint Adjustment	White	Box	4	IIIIIIII
LL1251Z	Dimmable 1600 Lumen 13W with Locking Swivel Joint Adjustment	Bronze	Box	4	IIIIIIII
LED 3000K (Warm White) Commercial Grade Flood Lights					
LL1200S	1200 Lumen 13W with Locking Swivel Joint Adjustment	Gray	Box	4	IIIIIIII
LL1200W	1200 Lumen 13W with Locking Swivel Joint Adjustment	White	Box	4	IIIIIIII
LL1200Z	1200 Lumen 13W with Locking Swivel Joint Adjustment	Bronze	Box	4	IIIIIIII
LED 3000K (Warm White) Flood Lights					
LLS1000S	1000 Lumen 12W with Ball Joint Adjustment	Gray	Box	4	IIIIIIII
LLS1000W	1000 Lumen 12W with Ball Joint Adjustment	White	Box	4	IIIIIIII
LLS1000Z	1000 Lumen 12W with Ball Joint Adjustment	Bronze	Box	4	IIIIIIII
LL800S	800 Lumen 8W with Swivel Joint Adjustment	Gray	Box	4	IIIIIIII
LL800W	800 Lumen 8W with Swivel Joint Adjustment	White	Box	4	IIIIIIII
LL800Z	800 Lumen 8W with Swivel Joint Adjustment	Bronze	Box	4	IIIIIIII

See end of section (Pg D52) for detailed drawings »

Die-Cast Led Floodlights

LED Flood Light Kits

Applications

- Use to add directional light outdoors for added safety and convenience
- Outdoor use in wet locations

Product Features

- LED's use significantly less energy
- 2000 lumens equivalent to 120W incandescent
- 3000K (warm white): Warm light tone that blends well with traditional lighting. Considered more relaxing and easier on the eyes than cool white or blue-white lighting.
- Die-cast aluminum with durable powder coat finish
- Patented swivel joint models provide easy light aiming and unlimited adjustment
- Ball joint models provide easy light aiming and finger screw tightening
- 180° Motion sensor models include duration, sensitivity and photocell control
- Long life - up to 50,000 hours
- 120VAC 50/60Hz

Compliance

- NEC and NEMA 3R



LLK2000S



LLK2000W



LLK2000Z



5882-5

LED
COMMERCIAL GRADE



5882-6



5882-7

LED 3000K (Warm White) Outdoor Flood Light Kits

LLK2000S	2000 Lumen 24W includes Round Box	Gray	Box	2	IIIIIIII
LLK2000W	2000 Lumen 24W includes Round Box	White	Box	2	IIIIIIII
LLK2000Z	2000 Lumen 24W includes Round Box	Bronze	Box	2	IIIIIIII
5882-5	2000 Lumen 26W with Motion Sensor	Gray	Box	4	IIIIIIII
5882-6	2000 Lumen 26W with Motion Sensor	White	Box	4	IIIIIIII
5882-7	2000 Lumen 26W with Motion Sensor	Bronze	Box	4	IIIIIIII

See end of section (Pg D52) for detailed drawings »

Portable Metal Lampholders

Applications

- For general outdoor lighting use in wet, damp or dry locations

Product Features

- Rugged die-cast construction
- Durable powder coat finish provides maximum weatherability and scratch-resistance
- Locking swivel joint or serrated knuckle assures positive lamp positioning and provides pin-point directional aiming
- Integrated LEDs are rated for 50,000 hours

Compliance

- FILE E195978
- File E464683 (SPLED7Z)
- FILE E195978 (5792-0)
- NEC® Compliant
- NEMA 3R

LED



SPLED7Z



SPLED2Z



SPLED500Z



SL101B



5792-0



CFL and LED Compatible

Portable Metal Spike Lights

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Energy Efficient LED Spike Lights					
SPLED7Z	7 Watts Warm White LED 500 Lumens w/ 4 ft. cord	Bronze	Box	4	IIIIIIII
SPLED2Z	6.5 Watts Warm White LED 350 Lumens	Bronze	Box	4	IIIIIIII
SPLED500Z	9 Watts Warm White LED 540 Lumens	Bronze	Box	4	IIIIIIII
Lampholder Stakes for 150W max. PAR38 Bulbs					
SL101B	Portable Lampholder w/ exterior gasket	Bronze	Clamshell	10	IIIIIIII
5792-0	Portable Lampholder w/ interior gasket and 6 ft. cord	Gray	Polybag	12	IIIIIIII

See end of section (Pg D53) for detailed drawings »

Die-Cast Lampholder Combinations

Applications

- For use with BELL® 1-Gang rectangular or round weatherproof boxes

Product Features

- Rugged metallic construction
- Durable 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 multilingual instructions

Compliance

- File E225082
- NEC® Compliant
- NEMA 3R



5620-5





CFL and LED Compatible



Die-Cast Lampholder Combinations

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Rectangular Cover and Lampholders for 150W max. PAR38 Bulbs					
5620-5	(1) Lampholder	Gray	Carded	4	
5621-0	(2) Lampholders	Gray	Shrink	8	
5621-5	(2) Lampholders	Gray	Carded	4	
5621-6	(2) Lampholders	White	Carded	4	
4" Round Cover and Lampholders for 150W max. PAR38 Bulbs					
5624-0	(1) Lampholder	Gray	Shrink	8	
5624-1	(1) Lampholder	White	Shrink	8	
5624-5	(1) Lampholder	Gray	Carded	4	
5624-6	(1) Lampholder	White	Carded	4	
5625-0	(2) Lampholders	Gray	Shrink	8	
5625-1	(2) Lampholders	White	Shrink	8	
5625-2	(2) Lampholders	Bronze	Shrink	8	
5625-5	(2) Lampholders	Gray	Carded	4	
5625-6	(2) Lampholders	White	Carded	4	
5625-7	(2) Lampholders	Bronze	Carded	4	

See end of section (Pg D53) for detailed drawings »

Complete Light Kits

Applications

- For general lighting use in wet, damp or dry locations

Product Features

- Each kit is a complete weatherproof installation including a weatherproof junction box - no need to purchase separate components
- Each kit includes easy-to-follow multilingual instructions
- Kits with photocell provides for automatic dusk to dawn operation

Compliance

- File E225082
- NEC® Compliant
- NEMA 3R



5883-5



5818-5
5818-6



5829-5
5829-6
5829-10



5841-5

Light Kits

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Rectangular Light Kits for 150W max. PAR38 Bulbs					
5883-5	Box, cover, photocell & (2) lampholders	Gray	Boxed	4	IIIIIIII
5818-5	Box, cover & (2) lampholders	Gray	Boxed	4	IIIIIIII
5818-6	Box, cover & (2) lampholders	White	Boxed	4	IIIIIIII
4" Round Light Kits for 150W max. PAR38 Bulbs					
5829-5	Box, cover & (2) lampholders	Gray	Boxed	4	IIIIIIII
5829-6	Box, cover & (2) lampholders	White	Boxed	4	IIIIIIII
5829-10	Box, cover & (2) lampholders	Bronze	Boxed	4	IIIIIIII
5841-5	Box, cover, photocell & (2) lampholders	Gray	Clamshell	4	IIIIIIII

See end of section (Pg D54) for detailed drawings »

Metallic Garden Lights

Applications

- For accent lighting along walkways, driveways, terraces, porches and garden areas

Product Features

- Rugged die-cast construction
- Durable powder coat finish provides maximum weatherability and scratch-resistance
- Standard medium base screw-in bulb socket (E26) is compatible with the widest range of bulbs including Incandescent, CFL, LED, Vintage, Flickering and others.
- Includes screw-in heavy-duty clear glass globe, wire connectors, gasket, and multilingual instructions
- Long 18" wire leads for ease of installation
- Standard 1/2" NPT Mounting
- Three-tier lights rated for 60W maximum lamps
- Four-tier lights rated for 100W maximum lamps

Compliance

- File E225082
- NEC® Compliant
- NEMA 3R



5884-8



5893-8



5694-0



5695-0

Metallic Garden Lights

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Heavy-Duty 120V Landscape Tier Lights					
5884-8	3-Tier	Green	Box	2	IIIIIIII
5893-8	4-Tier	Green	Box	2	IIIIIIII
Replacement Globes					
5694-0	For 3-tier	Clear	Carton	4	IIIIIIII
5695-0	For 4-tier	Clear	Carton	4	IIIIIIII

See end of section (Pg D54) for detailed drawings »

Motion Sensor Switch

Applications

- Use to install hands-free motion activated control of outdoor lighting
- Installs into lampholder/cluster covers or junction boxes with 1/2" threaded outlets

Product Features

- Swivel joint for easy aiming
- 180° motion sensor with duration, sensitivity and photocell controls
- Standard 1/2" threaded mount
- 120VAC
- LED compatible

Compliance

- File E0123456789
- NEC® Compliant
- NEMA 3R





5639-5



5639-6



5639-7

Motion Sensor Switch

Catalog #	Description	Outer Ctn. Qty.	Std. Pkg.	Bar Code
5639-5	Weatherproof motion sensor switch, Gray	10	1	IIIIIIII
5639-6	Weatherproof motion sensor switch, White	10	1	IIIIIIII
5639-7	Weatherproof motion sensor switch, Bronze	10	1	IIIIIIII

Photocell Switch

Applications

- Use for darkness activated automatic control of night lighting from dusk to dawn
- Control porch lights, garden lights, post lanterns, barn lights, loading dock lights, outdoor signs etc.

Product Features

- Durable weatherproof construction
- Built-in time delay prevents operation triggered by vehicle headlights or other temporary light flashes
- For use with conventional incandescent lighting including halogen bulbs. (Not compatible with most LED lights.)



5638-5



PE100

Photoelectric Eye Switch

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
5638-5	Swivel Switch, locknut 2000W Tungsten 1800VA Ballast 120V 50-60HZ	Gray	Carded	6	IIIIIIII
PE100	Outdoor Photoelectric Switch Rated 1000 Watts, Fits 1/2" Hole	Black	Poly Bag	10	IIIIIIII

See end of section (Pg D54) for detailed drawings »

Accessories

Metal and Non-metallic Closure Plugs

Applications

- For use with weatherproof boxes, extension adapters, cluster covers and round splice boxes to seal off unused outlets

Product Features

- All metal closure plugs come with durable powder coat finish except the gray color of the 5269 and 5270 series, which are bare corrosion resistant die-cast zinc
- All nonmetallic closure plugs are solid molded-in color

Compliance

- File E195973
- File E123456789 (CP line)
- NEC® Compliant
- NEMA 3R







Metal and Nonmetallic Closure Plugs

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Closure Plugs - 1/2" NPT					
5269-0	Metallic	Gray	Polybag of 4	75 bags*	IIII
5269-5	Metallic	Gray	Card of 3	12 cards**	IIII
CP5050S	Metallic	Gray	Box of 50	10 (500)	IIII
5269-9	Metallic	Gray	Bulk	1000	
CP450WH	Metallic	White	Polybag of 4	30 bags*	IIII
CP5050WH	Metallic	White	Box of 50	10 (500)	IIII
CP450Z	Metallic	Bronze	Polybag of 4	30 bags*	IIII
CP5050Z	Metallic	Bronze	Box of 50	10 (500)	IIII
CP47550S	Metallic Assortment	Gray	Polybag of (2) 1/2" (2) 3/4"	30 bags*	IIII
5269-1	Nonmetallic	White	Polybag of 4	75 bags*	IIII
5269-6	Nonmetallic	White	Card of 3	12 cards**	IIII
5269-2	Nonmetallic	Bronze	Polybag of 4	75 bags*	IIII
5269-7	Nonmetallic	Bronze	Card of 3	12 cards**	IIII
PCP47550GY	Nonmetallic Assortment	Gray	Polybag of (2) 1/2" (2) 3/4"	30 bags*	IIII
PCP47550WH	Nonmetallic Assortment	White	Polybag of (2) 1/2" (2) 3/4"	30 bags*	IIII
Closure Plugs - 3/4" NPT					
5270-0	Metallic	Gray	Polybag of 4	75 bags*	IIII
5270-5	Metallic	Gray	Card of 3	12 cards**	
CP5075S	Metallic	Gray	Box of 50	10 (500)	IIII
5270-9	Metallic	Gray	Bulk	1000	
CP475WH	Metallic	White	Polybag of 4	30 bags*	IIII
CP475Z	Metallic	Bronze	Polybag of 4	30 bags*	IIII
5270-1	Nonmetallic	White	Polybag of 4	75 bags*	
Closure Plugs - 1" NPT					
CP4100S	Metallic	Gray	Polybag of 4	75 bags*	IIII
5271-0	Nonmetallic	Gray	Polybag of 4	75 bags*	IIII

**Order in 4-pack bag quantities only – not per piece **Order in 3-pack card quantities only – not per piece.*

Metal Ground Stake



SG100S

Die Cast Aluminum Ground Spike					
SG100S	9" stake fits 1/2" threaded outlets	Gray	Adhesive Tag	12	IIIIIII

See end of section (Pg D54) for detailed drawings ».

Box Mounting Lugs

Applications

- Beveled corner mounting lugs with self tapping screws secures to back of box to provide range of mounting positions



5302-0

Box Mounting Lugs & Screws

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
5302-0	–	–	100 Polybags of 2	100	IIIIIIII

Multi-Purpose Replacement Gaskets

Applications

- Replacement gaskets for outdoor boxes, covers, and lampholders

Product Features

- Each 1-gang gasket has cut outs to fit a multitude of configurations including horizontal or vertical toggle switch, round receptacles (1.4", 1.6", 2.15" diam.), GFCI/ decorator and large rectangular opening
- Each 2-gang and 3-gang gasket has cut outs to fit a multitude of configurations including toggle switches, round receptacles (1.4" diam.), duplex receptacles, GFCI/ decorator and large rectangular opening
- 5017-0 Lampholder Gasket Assortment includes multi-purpose 1-gang and round box/ cover gaskets plus (4) interior lampholder gaskets that fit various models of lampholders and lampholder kits including the BELL: 5620, 5621, 5624, 5624, 5625, 5883, 5818, 5829, and 5841



5019-0



GS100



5020-0



GS400



GK300



5017-0



GK240



5611-0

Weatherproof Gaskets

Catalog #	Description	Pkg. Type	Std. Pkg.	Bar Code
5019-0	(2) 1-Gang Multiple Configuration Gaskets	Cellophane Bag	20	IIIIIIII
GS100	(2) 1-Gang Multiple Configuration Gaskets - TayMac	Poly Bag	10	IIIIIIII
5020-0	(2) 2-Gang Multiple Configuration Gaskets	Cellophane Bag	20	IIIIIIII
GS400	(2) 3-Gang Multiple Configuration Gaskets	Poly Bag	10	IIIIIIII
GK300	Assortment: (2) 1-Gang, (2) 2-Gang and (2) Round Box/Cover	Poly Bag	10	IIIIIIII
5017-0	Lampholder Gasket Assortment	Cellophane Bag	20	IIIIIIII
5611-0	Lampholder Exterior Gasket fits: 5612-0	Poly Bag	15	IIIIIIII
GK240	(2) Lampholder Exterior Gaskets fit: LTS100 and PLTS100	Poly Bag		IIIIIIII

See end of section (Pg D55) for detailed drawings »

Non-metallic Outdoor Ceiling Fan/Luminaire Boxes

Ceiling Fan & Luminaire Boxes

Applications

- Provides a safe and secure mounting and weatherproof wiring junction for outdoor fans, chandeliers or pendant lights
- Designed to enhance outdoor living spaces with the same convenience and comfort as indoors
- Perfect for porches, covered patios, pergolas

Product Features

- Support fans up to 70lbs or heavy luminaires up to 150lbs
- Constructed of heavy duty PVC with integrated galvanized steel support bracket
- Five 3/4" threaded entries for conduit or fittings with four closure plugs
- Includes three reducer bushings (3/4" to 1/2")
- Box mounts parallel, perpendicular or 45° from a joist

Compliance

- Listed
- NEC Compliant
- NEMA 3R



Safe & Secure
with a properly rated box!



PRCF57550GY



PRCF57550WH



PRCF57550BZ

Outdoor Comforts™
Enhance Your Outdoor Space!

4" Non-metallic Outdoor Round Box, 1-1/2" Deep - Heavy Duty PVC w/Integrated Galvanized Steel Support Bracket

Catalog #	Description	Cu. In. Capacity (When Used W/Collar)	Threaded Entries	Recommended Max. Loads		Std. Pkg.	Bar Code
				Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
PRCF57550GY	Ceiling Fan Luminaire Box, Gray	16.0"	(5) 3/4" or 1/2"	70	150	4	IIIIIIII
PRCF57550WH	Ceiling Fan Luminaire Box, White	16.0"	(5) 3/4" or 1/2"	70	150	4	IIIIIIII
PRCF57550BZ	Ceiling Fan Luminaire Box, Bronze	16.0"	(5) 3/4" or 1/2"	70	150	4	IIIIIIII

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

Outlet Boxes

Applications

- For general use whenever weatherproof protection is required

Product Features

- Durable high impact PVC construction
- Can be used for 1/2" and 3/4" conduit
- Includes 3/4" closure plugs and reducer bushings in matching gray or white

Compliance

- UL Marine Listed
- NEC Compliant
- NEMA 3R



PSB37550GY
PSBD37550GY



PSB37550WH
PSBD37550WH





PDB77550GY
PDBD77550GY



PDB77550WH
PDBD77550WH





PRB57550GY



PRB57550WH



Non-metallic Boxes - Outlet Boxes

Catalog #	Description	CU. IN. (CM3)	COLOR	PKG. TYPE	Std. Pkg.	Bar Code
2" Deep 1-Gang Outlet Boxes - Three Threaded Outlets						
PSB37550GY	(3) 1/2" or 3/4" Holes	16.5 (270.4)	Gray	Shrink	8	IIIIIIII
PSB37550WH	(3) 1/2" or 3/4" Holes	16.5 (270.4)	White	Shrink	5	IIIIIIII
2-5/8" Deep 1-Gang Outlet Boxes - Three Threaded Outlets						
PSBD37550GY	(3) 1/2" or 3/4" Holes	19.5 (319.5)	Gray	Shrink	8	IIIIIIII
PSBD37550WH	(3) 1/2" or 3/4" Holes	19.5 (319.5)	White	Shrink	8	IIIIIIII
2" Deep 2-Gang Outlet Boxes - Seven Threaded Outlets						
PDB77550GY	(7) 1/2" or 3/4" Holes	26.5 (434.3)	Gray	Shrink	6	IIIIIIII
PDB77550WH	(7) 1/2" or 3/4" Holes	26.5 (434.3)	White	Shrink	6	IIIIIIII
2-5/8" Deep 2-Gang Outlet Boxes - Seven Threaded Outlets						
PDBD77550GY	(7) 1/2" or 3/4" Holes	33.5 (549.0)	Gray	Shrink	6	IIIIIIII
PDBD77550WH	(7) 1/2" or 3/4" Holes	33.5 (549.0)	White	Shrink	6	IIIIIIII
Round Outlet Box - Five Threaded Outlets						
PRB57550GY	(5) 1/2" / 3/4" Holes 1.5" Depth	13.5 (221.2)	Gray	Shrink	8	IIIIIIII
PRB57550WH	(5) 1/2" / 3/4" Holes 1.5" Depth	13.5 (221.2)	White	Shrink	8	IIIIIIII

See end of section (Pg D56) for detailed drawings »

Non-metallic Covers

Blank Covers

Applications

- For general use whenever weatherproof protection is required

Product Features

- Durable high impact polycarbonate construction
- Includes attached gasket and mounting hardware

Compliance

- UL Marine Listed
- File E116141
- NEC® Compliant
- NEMA 3R



PBC100GY

PBC100WH



PBC200GY

PBC200WH



PBC300GY



PBC300WH

Blank Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
PBC100GY	Blank	Gray	Shrink	12	IIIIIIII
PBC100WH	Blank	White	Shrink	12	IIIIIIII
PBC200GY	Blank 2-Gang	Gray	Shrink	10	IIIIIIII
PBC200WH	Blank 2-Gang	White	Shrink	10	IIIIIIII
PBC300GY	Blank Round	Gray	Shrink	10	IIIIIIII
PBC300WH	Blank Round	White	Shrink	10	IIIIIIII

Toggle / Device Covers

Applications

- For general use whenever weatherproof protection is required

Product Features

- Durable high impact polycarbonate construction
- Includes attached gasket and mounting hardware
- Horseshoe adapter ensures a snug fit for standard toggle sizes and can be removed to accommodate large toggles switches

Compliance

- File E116141
- NEC® Compliant
- NEMA 3R



PTC100GY

PTC100WH



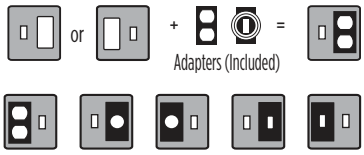
PTC200GY



PTC521GY

PTC521WH

8-in-1 Configurations



Non-metallic Covers - Toggle / Device Covers

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
1-Gang Device Covers					
PTC100GY	Toggle	Gray	Shrink	5	IIIIIIII
PTC100WH	Toggle	White	Shrink	3	IIIIIII
2-Gang Device Covers					
PTC200GY	Toggle/Toggle	Gray	Shrink	3	IIIIIIII
PTC521GY	Toggle/GFCI	Gray	Shrink	3	IIIIIIII
PTC521WH	Toggle/GFCI	White	Shrink	4	IIIIIII

See end of section (Pg D57) for detailed drawings »

Lampholders

Applications

- For general outdoor lighting use in wet, damp or dry locations

Product Features

- Durable high impact PBT construction
- Locking swivel joint assures positive lamp positioning and easy pinpoint directional aiming
- Includes attached gasket and mounting hardware

Compliance

- File 0123456789
- NEC® Compliant
- NEMA 3R



PLTS100GY



PLTS100WH



CFL and LED Compatible



Multidirectional Swivel Joint

Lampholder Covers



PLV330GY



PLV330WH

Non-metallic Lighting - Lampholder Covers

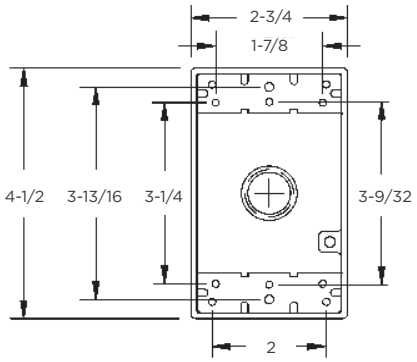
Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Lampholders PAR38					
PLTS100GY	Swivel Lampholder	Gray	Shrink	12	IIIIIIII
PLTS100WH	Swivel Lampholder	White	Shrink	12	IIIIIIII
Lampholder Covers					
PLV330GY	Three 1/2" Holes	Gray	Shrink	8	IIIIIIII
PLV330WH	Three 1/2" Holes	White	Shrink	8	IIIIIIII

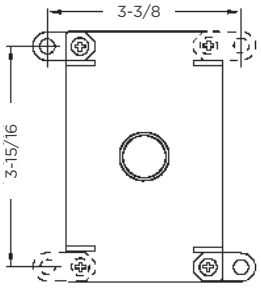
See end of section (Pg D58) for detailed drawings »

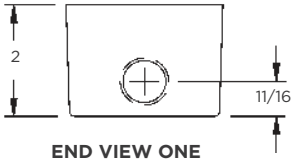
Detailed Drawings

Die-Cast Aluminum Boxes and Extension Rings

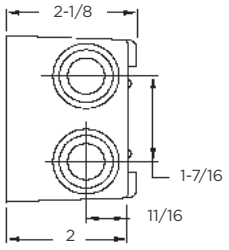
1-GANG BOXES (General Dimensions)





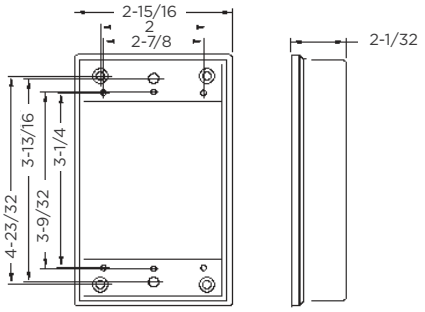


END VIEW ONE OUTLET

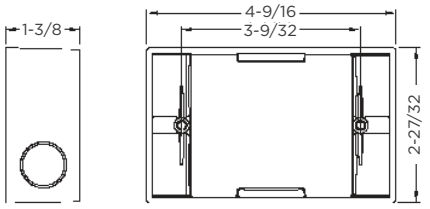


END VIEW TWO OUTLET

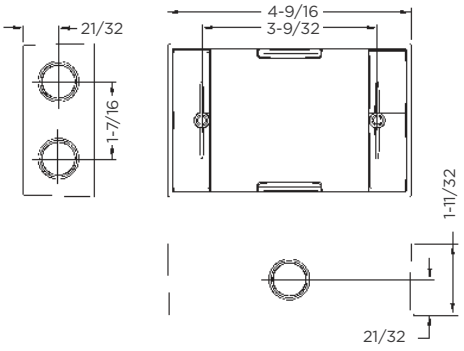
EXTENSIONS: 5406-0



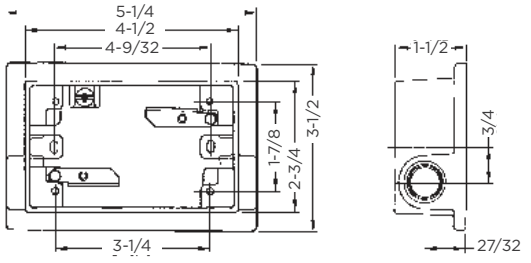
EXTENSIONS: 5399-0, 5403-0



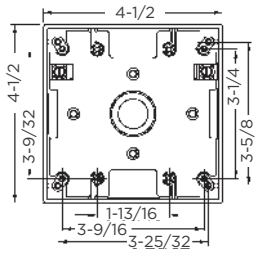
EXTENSIONS: 5400-0 SERIES

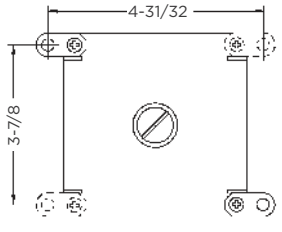


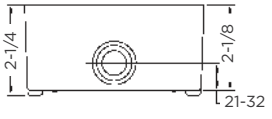
SWING ARM EXTENSION ADAPTERS: 5412-0 to 5415-0

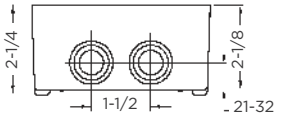


2-GANG BOXES (General Dimensions)







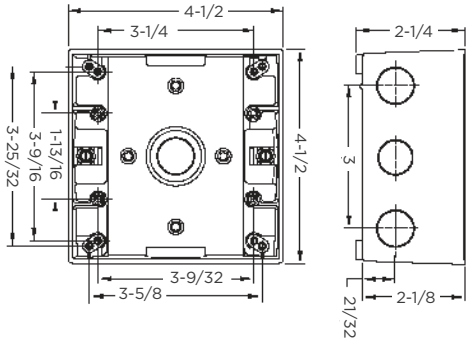


End view for styles with two outlets on one end

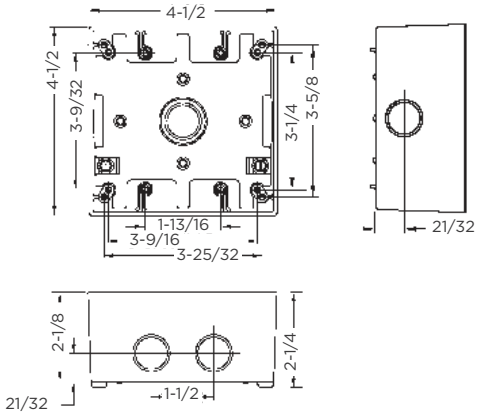
Default unit of measure is inches if not specifically indicated in a drawing.

Die-Cast Aluminum Boxes and Extension Rings

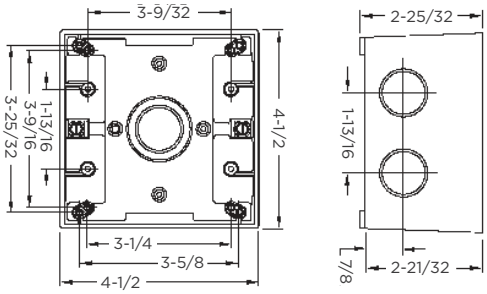
2-GANG BOXES WITH 7 OUTLETS
CAT. NOs. 5340-0, 5348-0



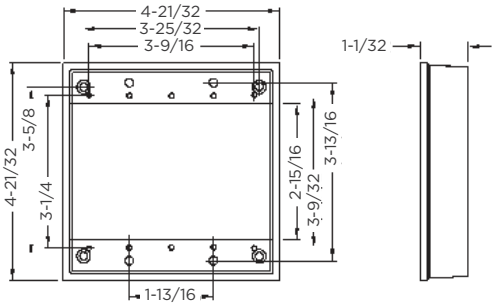
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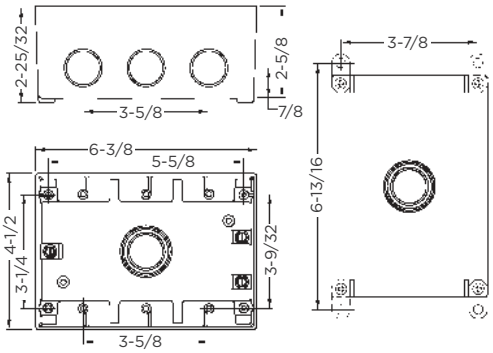
2-GANG BOXES WITH 5 OUTLETS
CAT. NOs. 5388-0, 5389-0



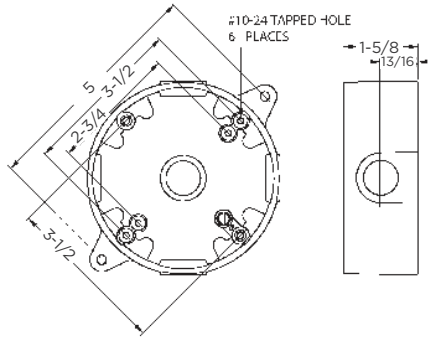
2-GANG EXTENSION



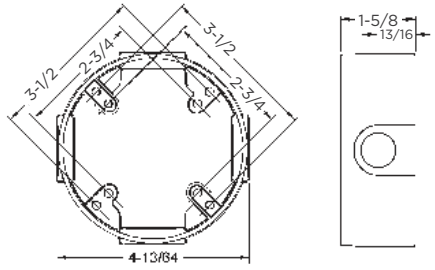
3-GANG BOX



4" ROUND SPLICE BOXES



4" ROUND EXTENSION ADAPTERs

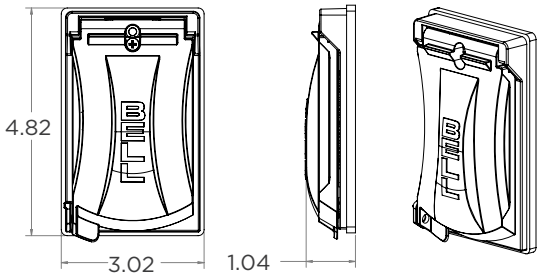


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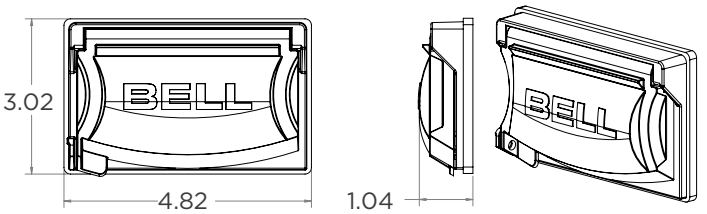
Detailed Drawings

Metal 1-Gang Device Covers

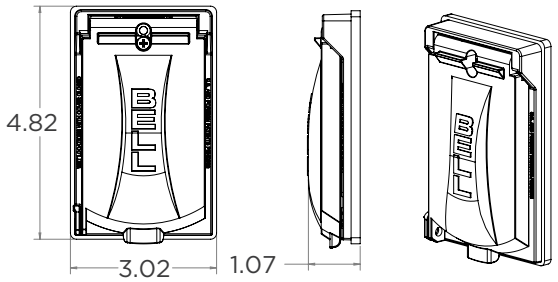
MX1050



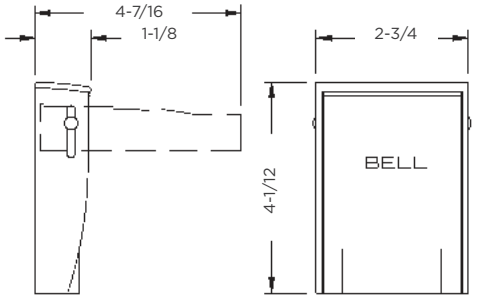
MX1250



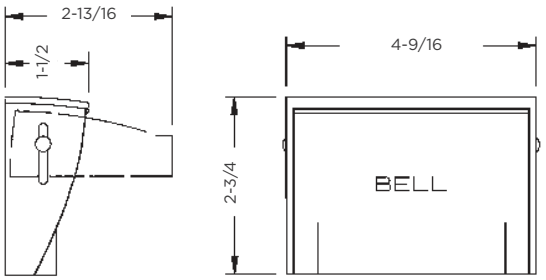
MX1550



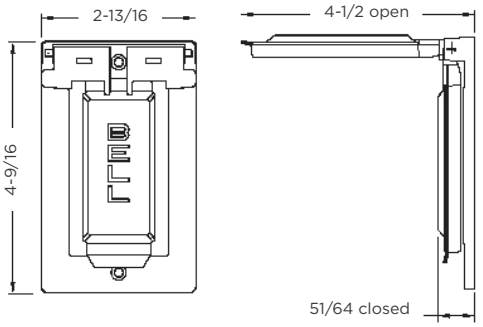
RAYNTITE® 1-GANG DEVICE COVERS – VERTICAL



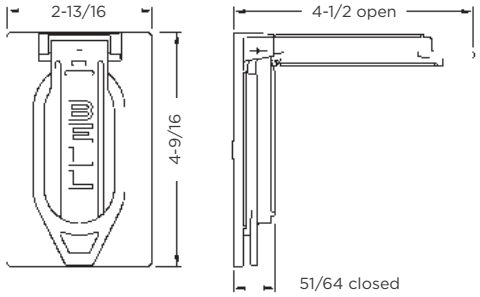
RAYNTITE® 1-GANG DEVICE COVERS – HORIZONTAL



GFCI STYLE COVERS

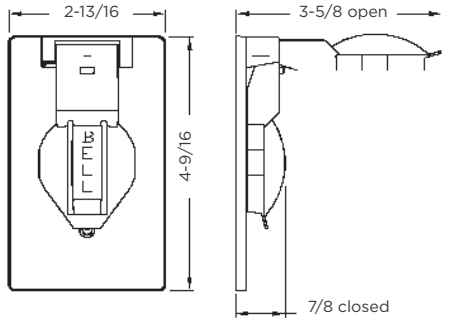


DUPLEX STYLE COVER



SINGLE RECEPTACLE STYLE COVERS

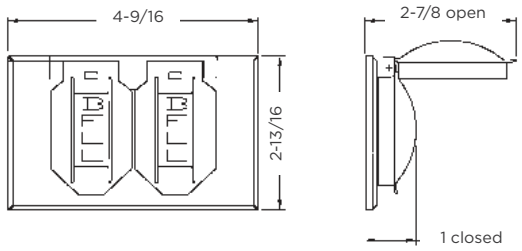
Note: device-mount and box-mount cover dimensions are the same



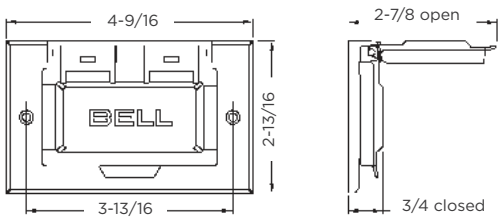
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Metal 1-Gang Device Covers

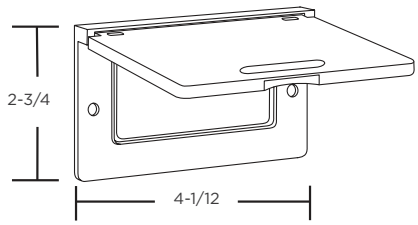
CAT. NOs. 5180-0 series



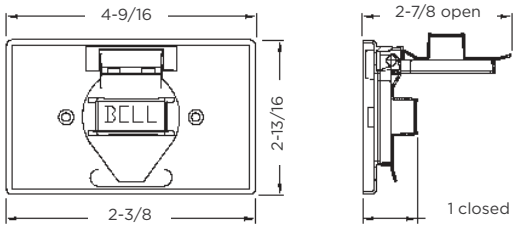
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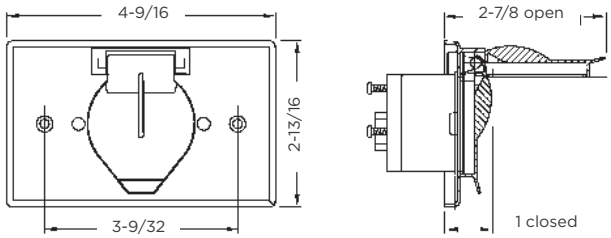
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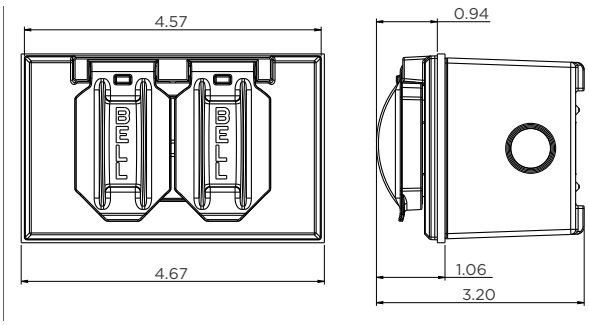
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CAT. NO. 5153-0

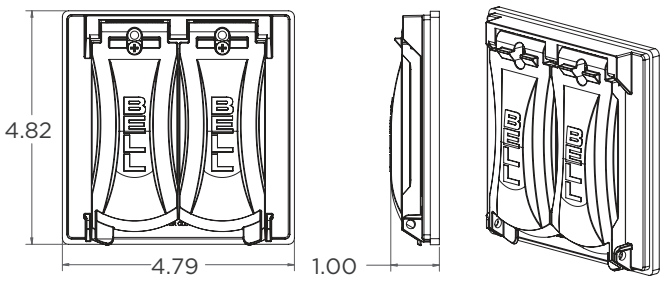


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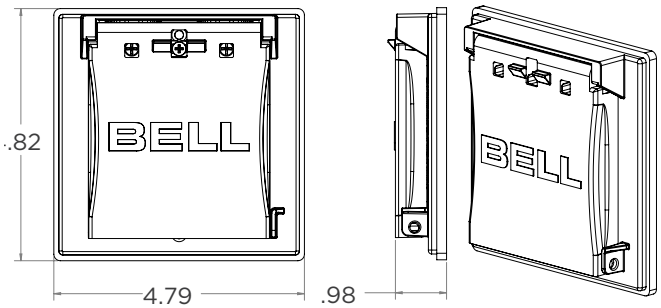


Metallic 2-Gang Device Covers

MX2050



MX2150

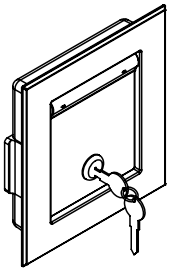


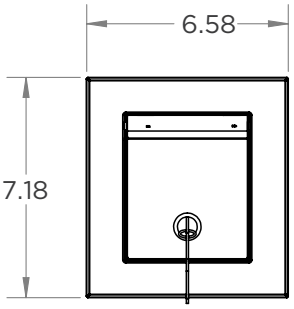
Default unit of measure is inches if not specifically indicated in a drawing.

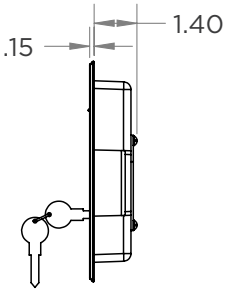
Detailed Drawings

Metal 1-Gang Locking Cover

4600RAC

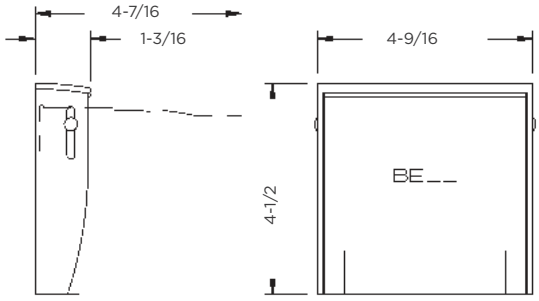




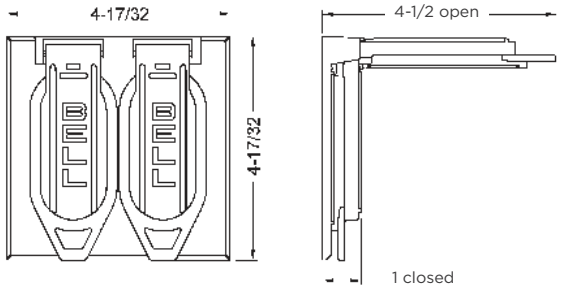


Metal 2-Gang Device Covers

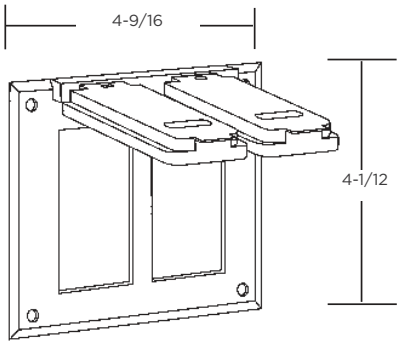
RAYNTITE®



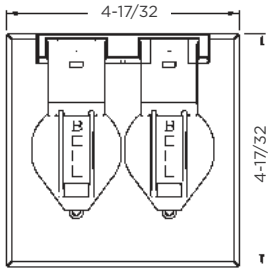
2-GANG DEVICE COVERS
5148-0 SERIES

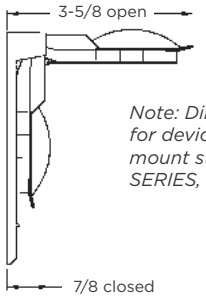


5145-0



5157-0

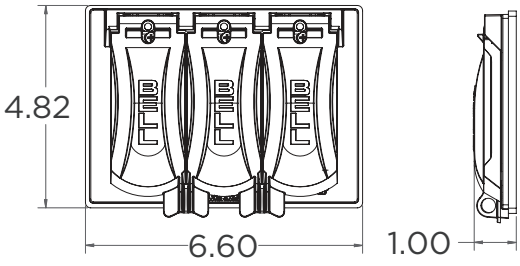


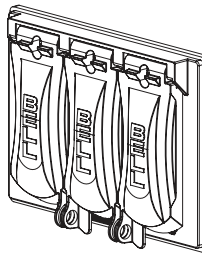


Note: Dimensions are the same for device mount and box mount styles shown. 5157-0 SERIES, 5092-0

Metal 3-Gang Device Covers

MX3050

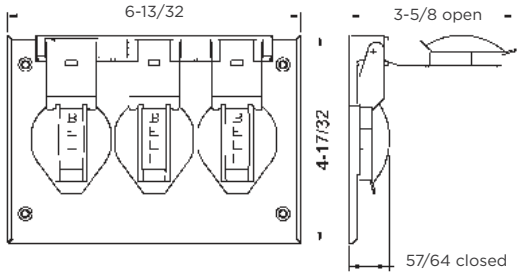




Default unit of measure is inches if not specifically indicated in a drawing.

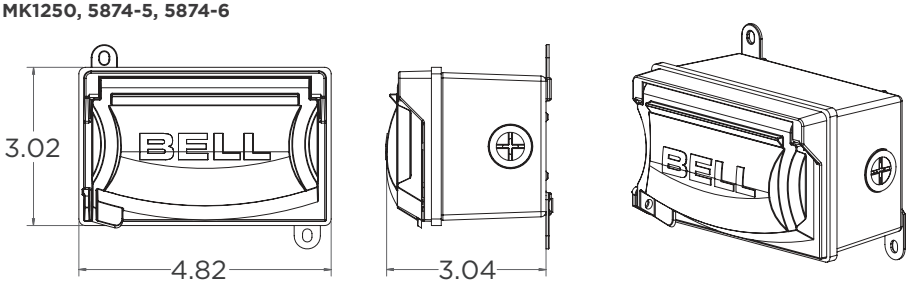
Box Mount Flip Cover

5093-0



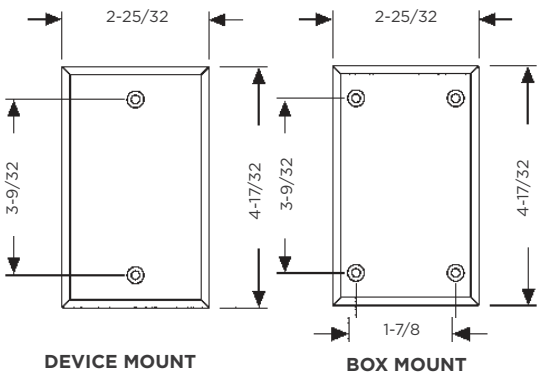
Flip Cover Combos and Kits

MK1250, 5874-5, 5874-6

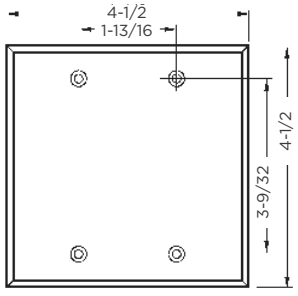


Metal Covers

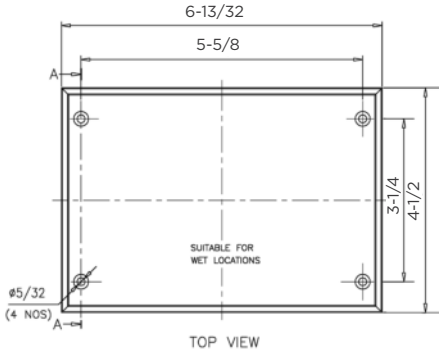
1-Gang Blank Covers



2-Gang



3-Gang

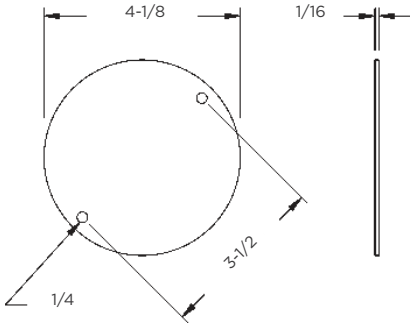


Default unit of measure is inches if not specifically indicated in a drawing.

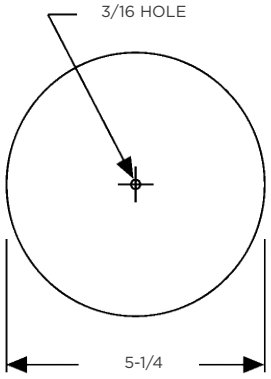
Detailed Drawings

Metal Round Box Cover

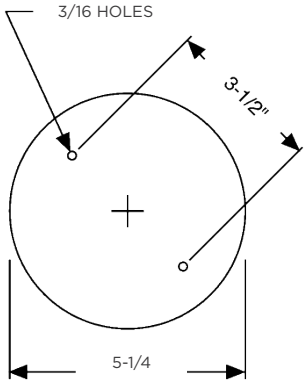
4" Round Cover



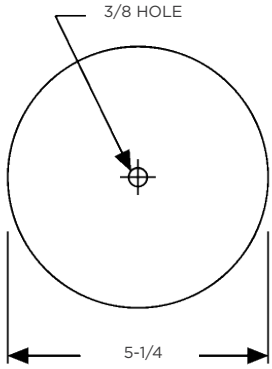
ROUND CLOSURE PLATES
CATALOG NO. 5652-1



CATALOG NO. 5653-1

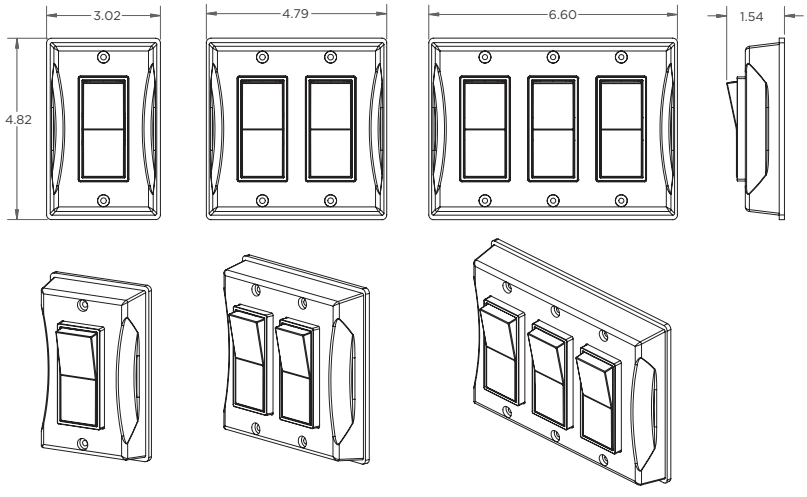


CATALOG NO. 5654-1



Metal Rocker Switch Covers

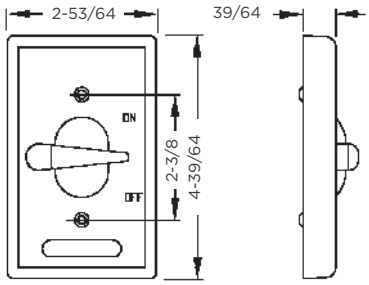
Decorator Cover Series



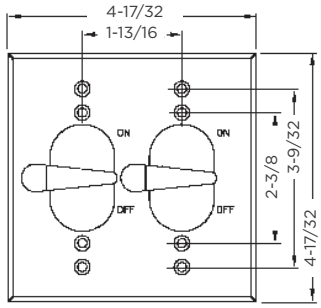
Default unit of measure is inches if not specifically indicated in a drawing.

Metal Toggle Switch Covers

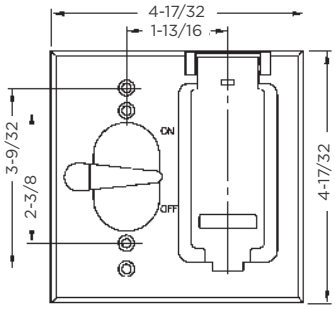
1-GANG
5121 SERIES, 5141 SERIES
CAT. NOS. 5128-0, 5137-0



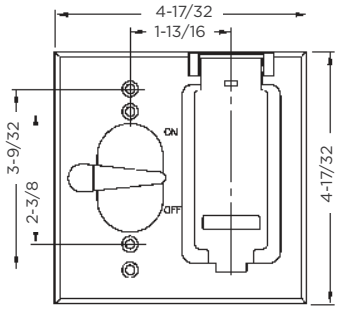
2-GANG
CAT. NO. 5124-0, 5125 SERIES



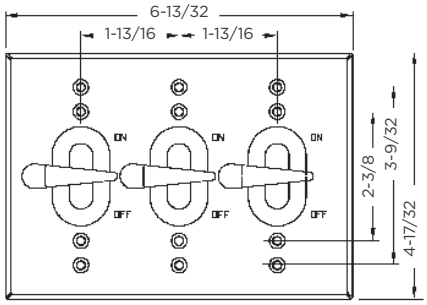
2-GANG 5167 SERIES



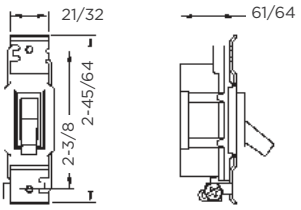
2-GANG 5166 SERIES



3-GANG
CATALOG NO. 5126-0

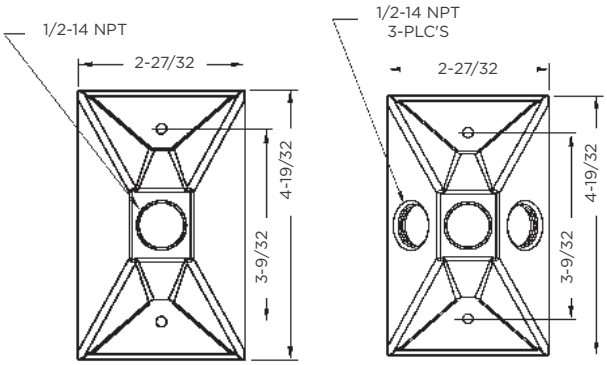


TOGGLE SWITCH
CATALOG NOS. 5201-0

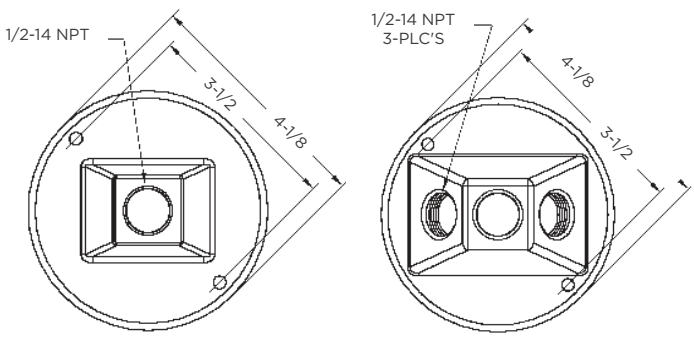


Metal Lampholder Covers

RECTANGULAR CLUSTER COVERS
5186 SERIES, 5189 SERIES



ROUND CLUSTER COVERS
5193 SERIES, 5197 SERIES

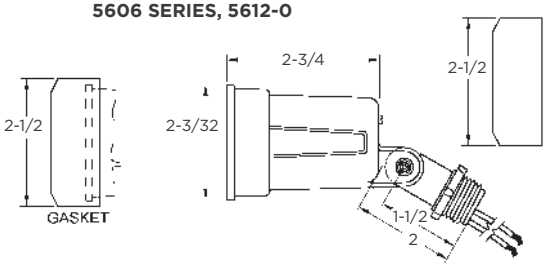


Default unit of measure is inches if not specifically indicated in a drawing.

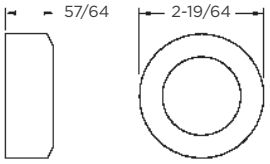
Detailed Drawings

Metal Lampholders and Lighting

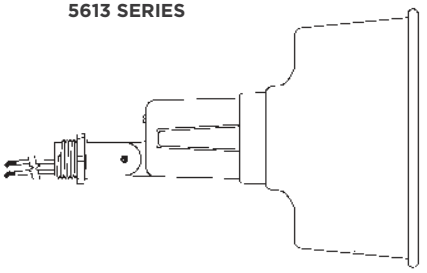
LAMPHOLDERS
5606 SERIES, 5612-0



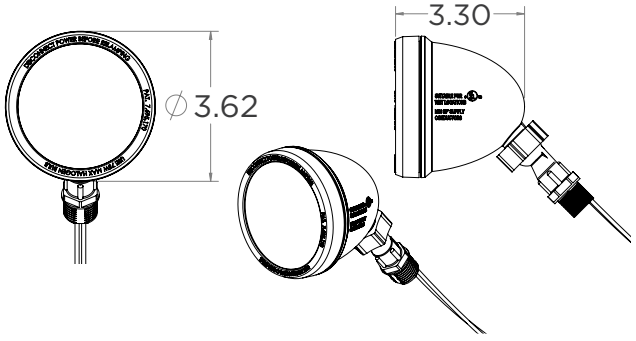
CATALOG NO. 5611-0



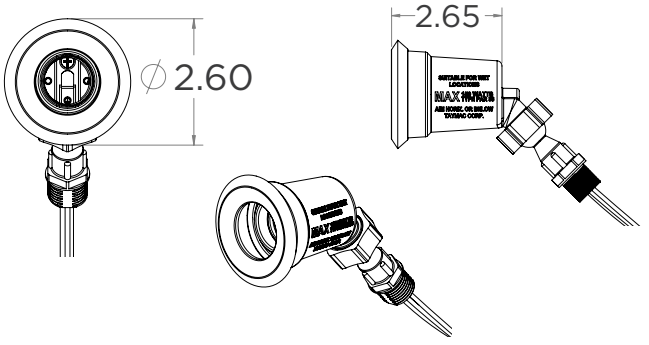
5613 SERIES



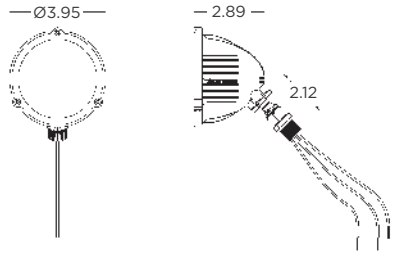
LHS100



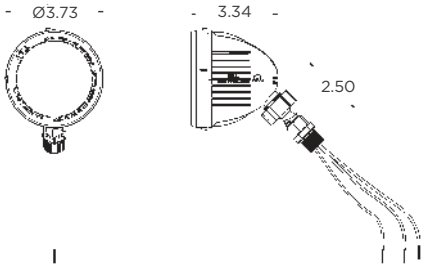
LTS100



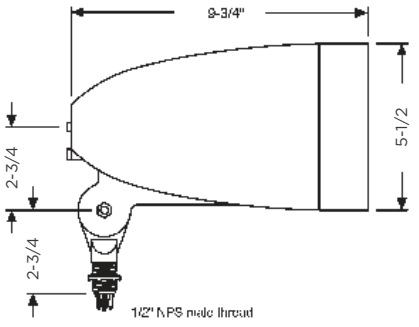
LL800



LL1200 / LL1251

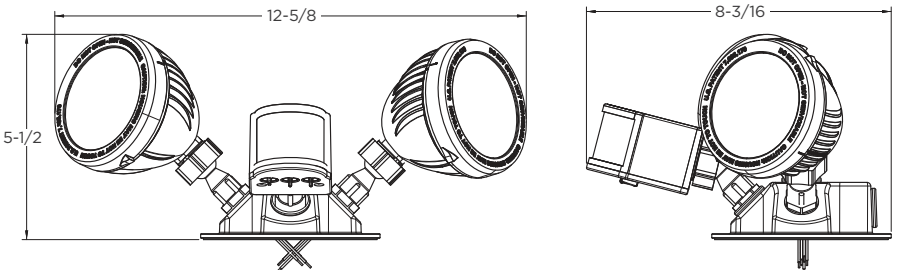


BULLET LAMPHOLDER ASSEMBLY 5820-8



LED Kit with Motion Sensor Switch

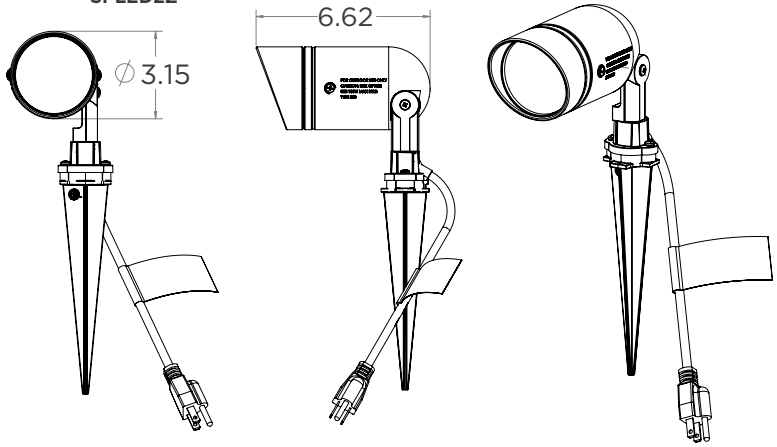
5882



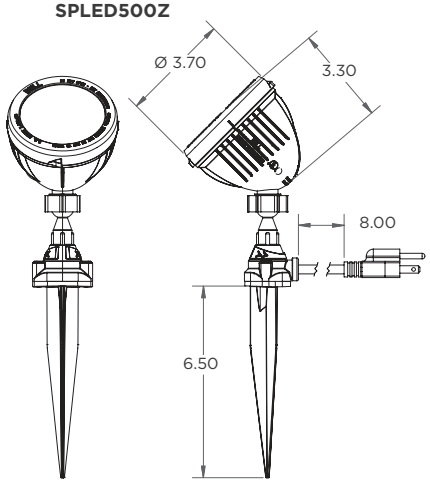
Default unit of measure is inches if not specifically indicated in a drawing.

Metal Portable Lampholders

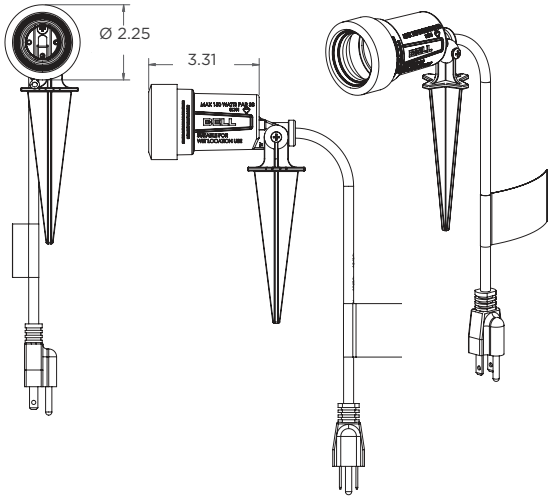
SPLED2Z



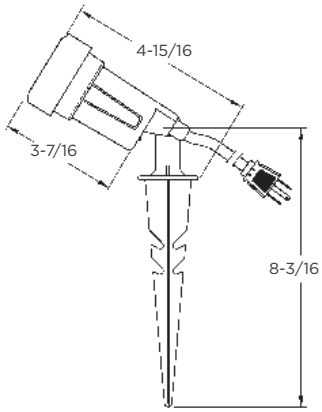
SPLED500Z



SL101B

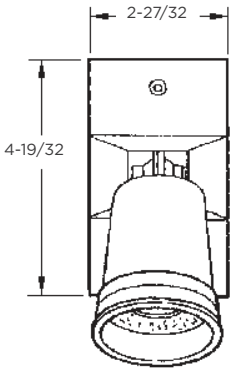


PORTABLE LAMPHOLDER ASSEMBLY 5792-0

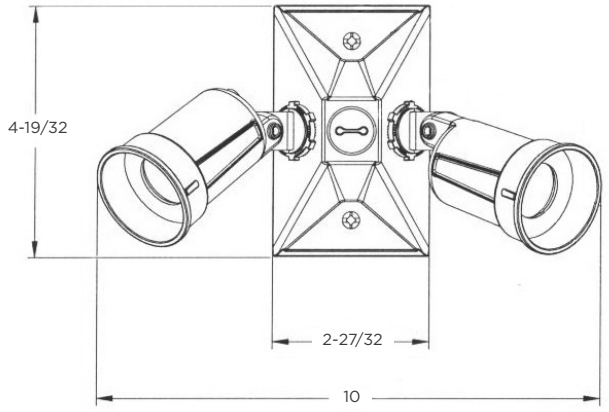


Metal Lampholder Combinations and Garden Light

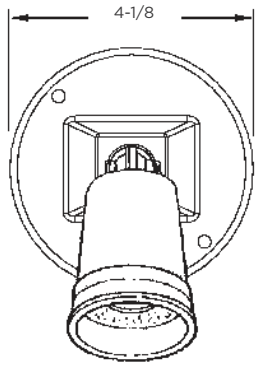
5620 SERIES



5621 SERIES



5624 SERIES

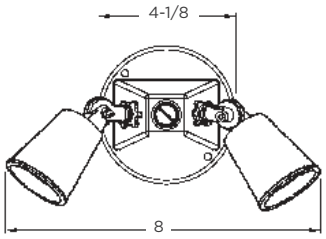


Default unit of measure is inches if not specifically indicated in a drawing.

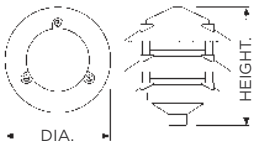
Detailed Drawings

Metal Lampholder Combinations and Garden Light

5625 SERIES

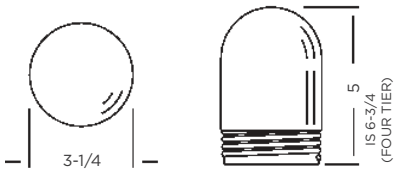


5884-8, 5893-8



catalog #	dia.	height
5884-8	6″	7″
5893-8	6″	8-3/4″

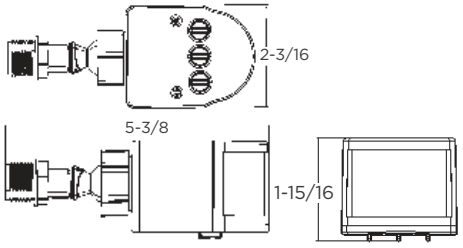
REPLACEMENT GLOBE: 5694-0, 5695-0



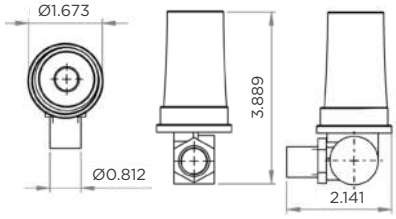
catalog #	dia.	height
5694-0	3-1/4″	5″
5695-0	3-1/4″	6-3/4″

Accessories

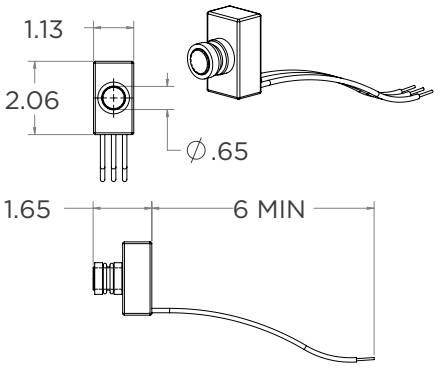
MOTION SENSOR SWITCH
5639 SERIES



PHOTOSCELL
5638

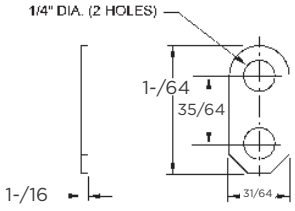


PE100

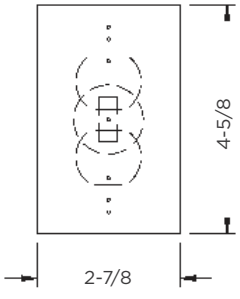


Accessories

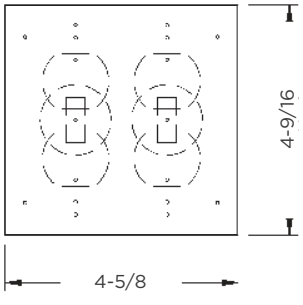
BOX MOUNTING LUG
CATALOG NO. 5302-0



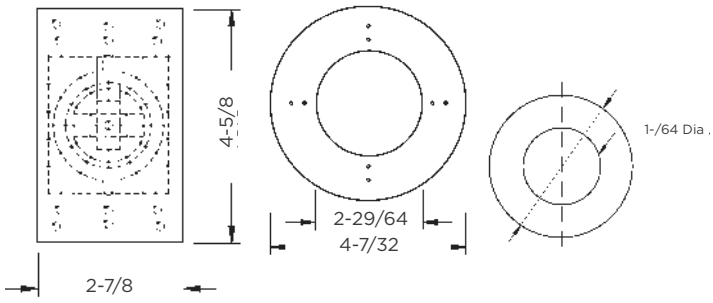
GASKET:
CATALOG NO. 5019-0



GASKET:
CATALOG NO. 5020-0



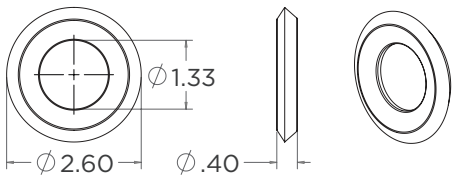
GASKETS:
CATALOG NO. 5017-0



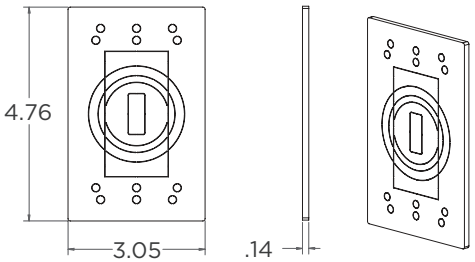
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Accessories

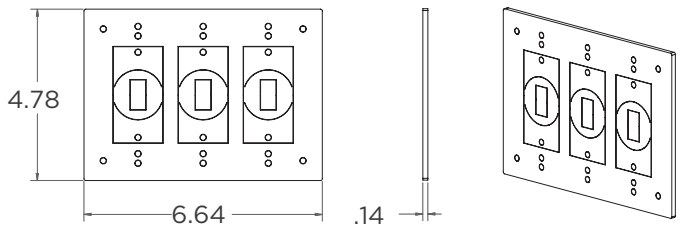
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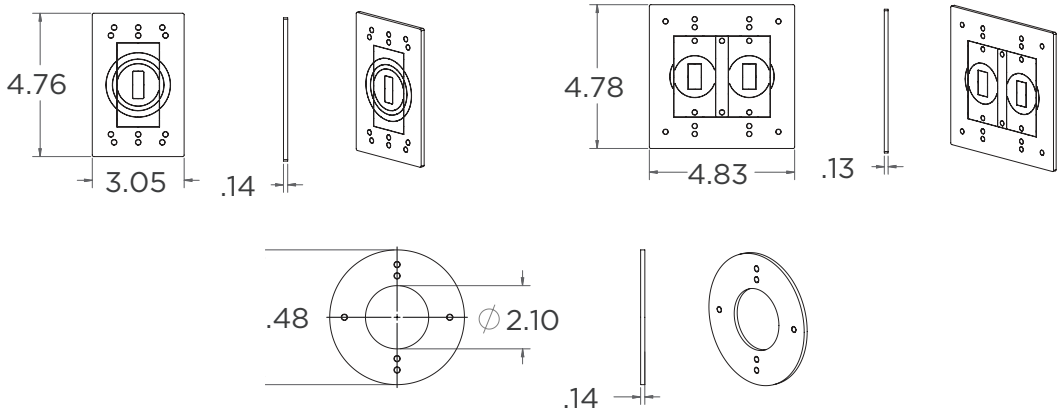
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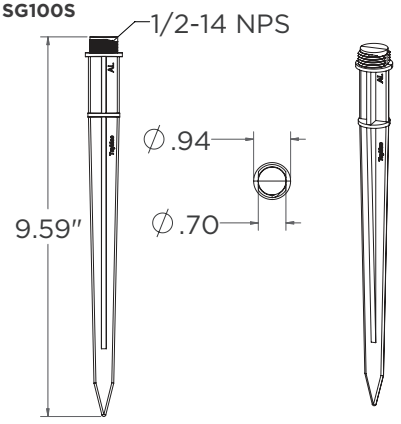
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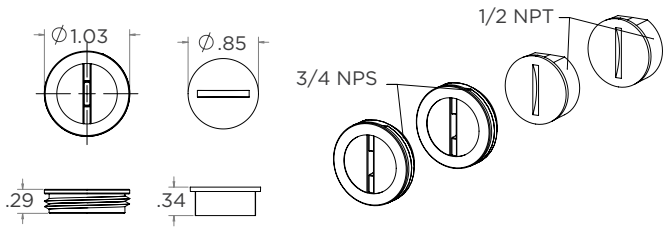


GK300



SG100S





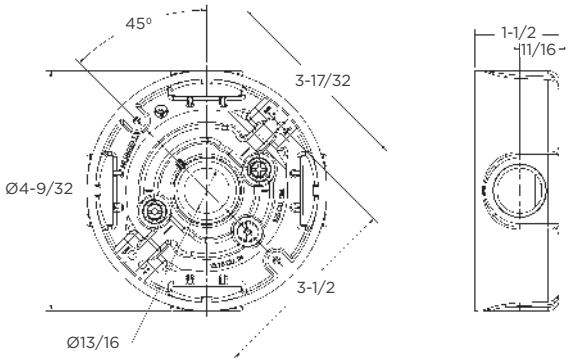
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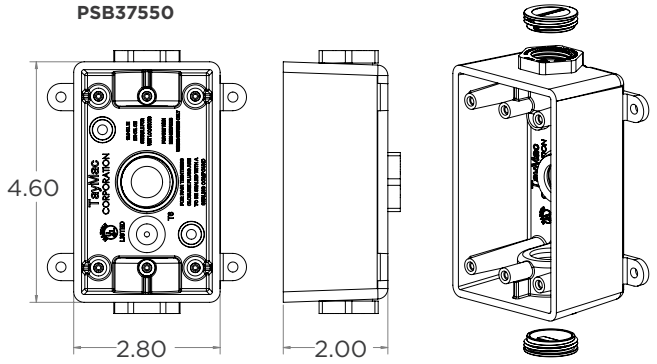
Detailed Drawings

Non-metallic Boxes

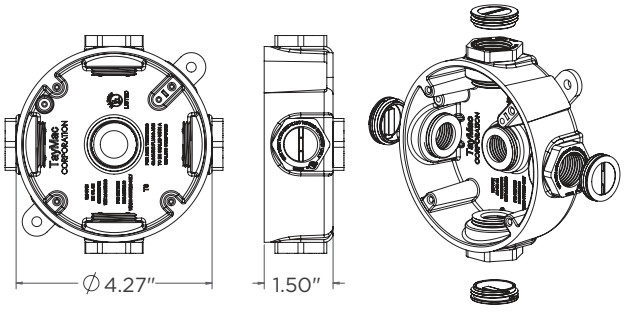
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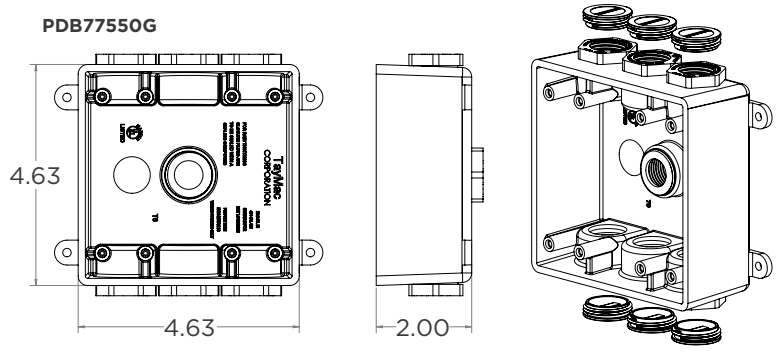
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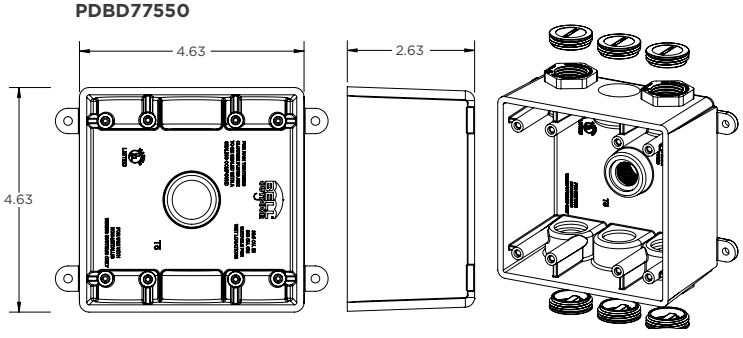
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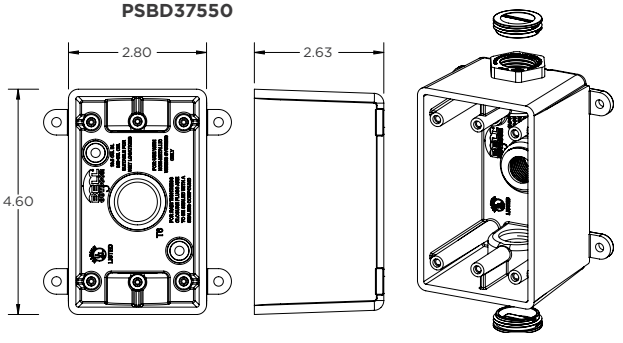
PDB77550G



PDBD77550



PSBD37550

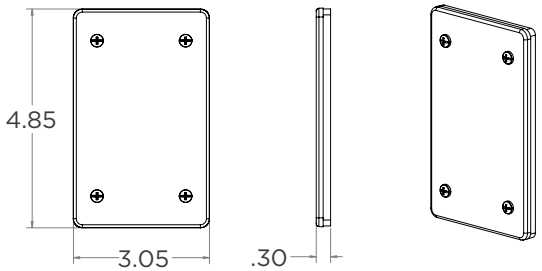


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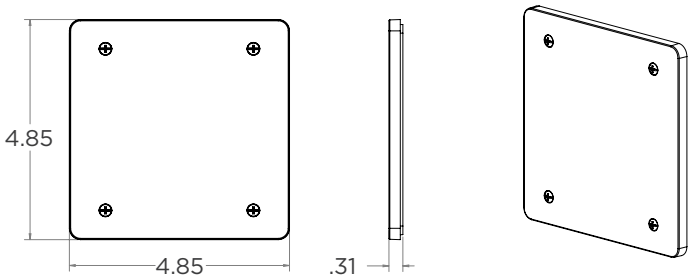
Detailed Drawings

Non-metallic Covers

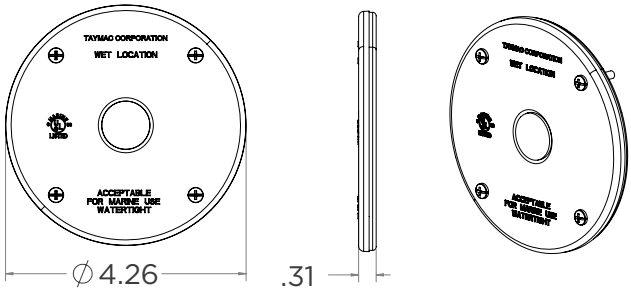
PBC100



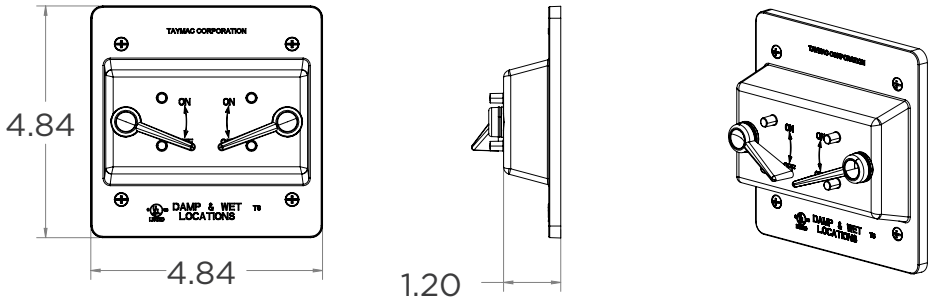
PBC200



PBC300



PTC200

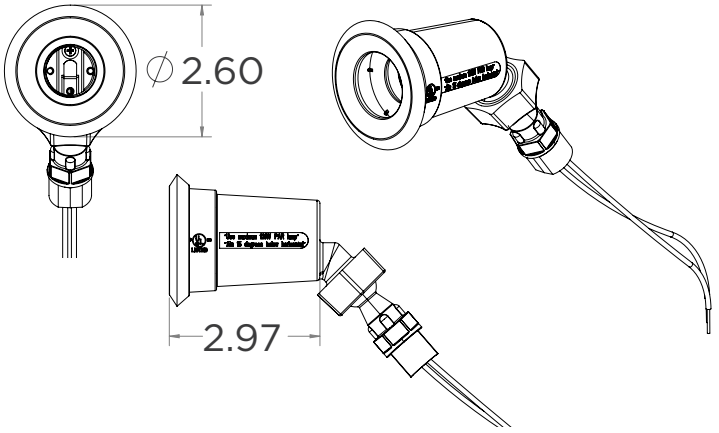


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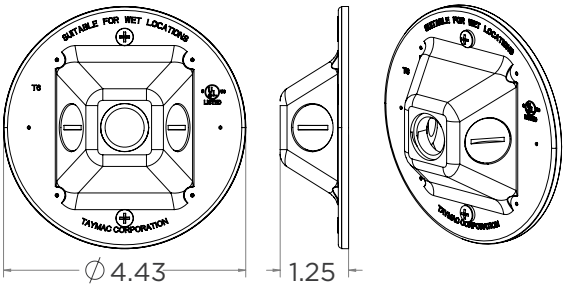
Detailed Drawings

Non-metallic Lighting

PLTS100



PLV330



Default unit of measure is inches if not specifically indicated in a drawing.

Notes

Notes

Notes

Notes

Notes

Notes

Table of Contents





Plastic Wallplates – Decorator Cover



Standard Metal Wallplates – White Smooth



Standard Metal Wallplates – Stainless Steel

TAYMAC® Wallplates & HVAC

- Metal Wallplate Reference E-2

Standard Metal Wallplates

- White Smooth E-3
- White Textured E-4
- Ivory Smooth E-5
- Ivory Textured / Red Smooth E-6
- Stainless Steel E-7

Maxi/Princess Metal Wallplates

- White Smooth E-8
- White Textured E-10
- Ivory Textured E-11
- Jumbo Metal Wallplates E-12

Plastic Wallplates

- MASQUE® 2000 Series E-13
- MASQUE® 5000 Series E-14
- Decorator Cover Series E-15
- MASQUE® Revive™ E-16
- ALLURE® Designer Wallplates E-17
- ALLURE® Wallplate Inserts E-18

HVAC Accessories

- Low Profile Thermostat Covers E-19
- PTAC Air Deflectors E-20
- Product Drawings E-21

Metal Wallplate Reference

Textures

W
Smooth White

TW
Textured White



SS
430 Stainless Steel

I
Smooth Ivory

TI
Textured Ivory

Configurations

Applications

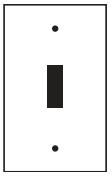
- For use in home, commercial and industrial settings for enhanced durability and appearance

Product Features

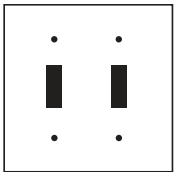
- Metal wallplates have a beauty, weight and feel that plastic can't replicate
- Easily primed and painted to match or complement walls
- Solid sound compared to thin, hollow resonance of economy plastic plates
- Durable – won't crack, peel or discolor over time
- Won't bow, crack or distort during installation
- Premium North American Powder Coat
- Includes screws in matching finish

Compliance

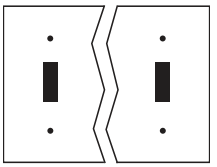
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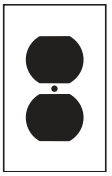
T
Toggle



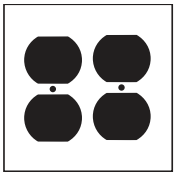
TT
2-Toggle



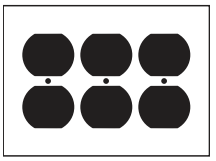
TTT, TTTT, 5T, 6T
3-, 4-, 5-, 6-Toggle



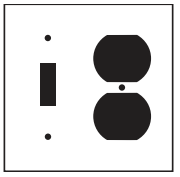
D
Duplex



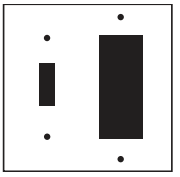
DD
2-Duplex



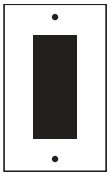
DDD
3-Duplex



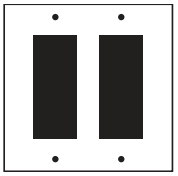
TD
Toggle Duplex



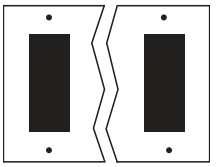
TR
Toggle
Decorator/Rocker



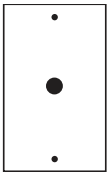
R
Decorator/Rocker



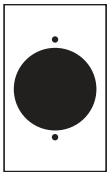
RR
2-Decorator/Rocker



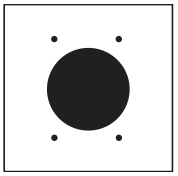
RRR, RRRR, 5R, 6R
3-, 4-, 5-,
6-Decorator/Rocker



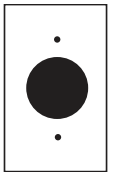
C
Cable



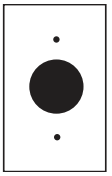
1-2
Single Receptacle
2.15"



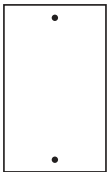
2-2
2-Gang Single
Receptacle 2.15"



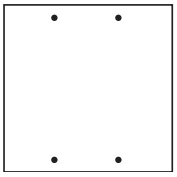
SR1
Single Receptacle
1.6"



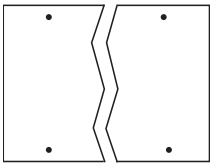
SR2
Single Receptacle
1.4"



B
Blank



BB
2-Blank



BBB, BBBB
3-, 4-Blank

Standard Metal Wallplates – White Smooth


WW-T


WW-TT


WW-TTT


WW-TD


WW-TR

WW-DR


WW-R


WW-RR


WW-RRR

WW-RRRR


WW-D


WW-DD

WW-B


WW-BB


WW-BBB


WW-BBBB

WW1-2

WW2-2

Standard Metal Wallplate: White Smooth

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
WW-T	Toggle	White Smooth	Polybag	25	IIIIIIII
WW-TT	2-Toggle	White Smooth	Polybag	10	IIIIIIII
WW-TTT	3-Toggle	White Smooth	Polybag	10	IIIIIIII
WW-R	Decorator/Rocker	White Smooth	Polybag	25	IIIIIIII
WW-RR	2-Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII
WW-RRR	3-Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII
WW-RRRR	4-Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII
WW-D	Duplex	White Smooth	Polybag	25	IIIIIIII
WW-DD	2-Duplex	White Smooth	Polybag	10	IIIIIIII
WW-B	Blank	White Smooth	Polybag	25	IIIIIIII
WW-BB	2-Blank	White Smooth	Polybag	10	IIIIIIII
WW-BBB	3-Blank	White Smooth	Polybag	10	IIIIIIII
WW-BBBB	4-Blank	White Smooth	Polybag	10	IIIIIIII
WW1-2	Single Receptacle 2.15"	White Smooth	Polybag	25	IIIIIIII
WW2-2	2-Gang Receptacle 2.15"	White Smooth	Polybag	10	IIIIIIII
WW-TR	Toggle Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII
WW-DR	Duplex Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII
WW-TD	Toggle/Duplex	White Smooth	Polybag	10	IIIIIIII

See end of section (Pg E22) for detailed drawings »

Standard Metal Wallplates – White Textured


WTW-T


WTW-TTT

WTW-R


WTW-RR


WTW-RRR

WTW-D


WTW-B

WTW-BB


WTW-TR


LPB3400


LPB3325

Standard Metal Wallplate: White Textured

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
WTW-T	Toggle	White Textured	Polybag	25	IIIIIIII
WTW-TTT	3-Toggle	White Textured	Polybag	10	IIIIIIII
WTW-R	Decorator/Rocker	White Textured	Polybag	25	IIIIIIII
WTW-RR	2-Decorator/Rocker	White Textured	Polybag	10	IIIIIIII
WTW-RRR	3-Decorator/Rocker	White Textured	Polybag	10	IIIIIIII
WTW-D	Duplex	White Textured	Polybag	25	IIIIIIII
WTW-B	Blank	White Textured	Polybag	25	IIIIIIII
WTW-BB	2-Blank	White Textured	Polybag	10	IIIIIIII
WTW-TR	Toggle Decorator/Rocker	White Textured	Polybag	10	IIIIIIII
LPB3325	5″ Round (Fits 3.25″ Box)	White Textured	Polybag	20	IIIIIIII
LPB3400	5″ Round (Fits 4″ Box)	White Textured	Polybag	20	IIIIIIII

See end of section (Pg E22) for detailed drawings »

Standard Metal Wallplates – Ivory Smooth


WI-T


WI-D


WI-B


WI-BB


WI-TD

Metal Wallplate: Ivory Smooth

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
WI-T	Toggle	Ivory Smooth	Polybag	25	IIIIIIII
WI-D	Duplex	Ivory Smooth	Polybag	25	IIIIIIII
WI-B	Blank	Ivory Smooth	Polybag	25	IIIIIIII
WI-BB	2-Blank	Ivory Smooth	Polybag	10	IIIIIIII
WI-TD	Toggle Duplex	Ivory Smooth	Polybag	10	IIIIIIII

See end of section (Pg E22) for detailed drawings »

Standard Metal Wallplates – Ivory Textured / Red Smooth

Ivory Textured

WTI-T



WTI-TT

WTI-D

WTI-R



WTI-B

WTI-TR

Red Smooth



WE-T

Standard Metal Wallplate

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Ivory Textured					
WTI-T	Toggle	Ivory Textured	Polybag	25	IIIIIIII
WTI-TT	2-Toggle	Ivory Textured	Polybag	10	IIIIIIII
WTI-R	Decorator/Rocker	Ivory Textured	Polybag	25	IIIIIIII
WTI-D	Duplex	Ivory Textured	Polybag	25	IIIIIIII
WTI-B	Blank	Ivory Textured	Polybag	25	IIIIIIII
WTI-TR	Toggle Decorator/Rocker	Ivory Textured	Polybag	10	IIIIIIII
Red Smooth					
WE-T	Emergency Toggle	Red	Polybag	25	IIIIIIII

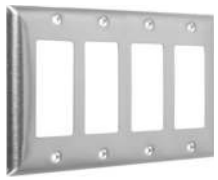
See end of section (Pg E22) for detailed drawings »

Standard Metal Wallplates – Stainless Steel


WSS-R


WSS-RR


WSS-RRR


WSS-RRRR


WSS-TR


WSS-TD


WSS-T


WSS-TT


WSS-D


WSS-DD


WSS1-2


WSS2-2


WSS-SR1


WSS-SR2


WSS-C


WSS-B


WSS-BB

Stainless Steel* Wallplate

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
WSS-T	Toggle	Stainless Steel	Polybag	10	IIIIIIII
WSS-TT	2-Toggle	Stainless Steel	Polybag	10	IIIIIIII
WSS-R	Decorator/Rocker	Stainless Steel	Polybag	10	IIIIIIII
WSS-RR	2-Decorator/Rocker	Stainless Steel	Polybag	10	IIIIIIII
WSS-RRR	3-Decorator/Rocker	Stainless Steel	Polybag	10	IIIIIIII
WSS-RRRR	4-Decorator/Rocker	Stainless Steel	Polybag	10	IIIIIIII
WSS-D	Duplex	Stainless Steel	Polybag	10	IIIIIIII
WSS-DD	2-Duplex	Stainless Steel	Polybag	10	IIIIIIII
WSS1-2	Receptacle 2.15" Hole	Stainless Steel	Polybag	10	IIIIIIII
WSS2-2	2-Gang Receptacle 2.15" Hole	Stainless Steel	Polybag	10	IIIIIIII
WSS-SR1	Receptacle 1.6" Hole	Stainless Steel	Polybag	10	IIIIIIII
WSS-SR2	Receptacle 1.4" Hole	Stainless Steel	Polybag	10	IIIIIIII
WSS-C	Communication	Stainless Steel	Polybag	10	IIIIIIII
WSS-B	Blank	Stainless Steel	Polybag	10	IIIIIIII
WSS-BB	2-Blank	Stainless Steel	Polybag	10	IIIIIIII
WSS-TD	Toggle/Duplex	Stainless Steel	Polybag	10	IIIIIIII
WSS-TR	Toggle Decorator/Rocker	Stainless Steel	Polybag	10	IIIIIIII

** 430 Stainless Steel*

See end of section (Pg E22) for detailed drawings »

Maxi/Princess Metal Wallplates – White Smooth

Princess



WRW-B WRW-T WRW-R WRW-D WRW-SR2

Maxi

WMW-B WMW-T WMW-R WMW-D

Maxi / Princess



WRW-TT WRW-TTT WRW-TTTT WRW-5T WRW-6T



WRW-RR WRW-RRR WRW-RRRR

Metal Wallplate

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Princess Metal Wallplate: White Smooth					
WRW-T	Toggle	White Smooth	Polybag	25	IIIIIIII
WRW-R	Decorator/Rocker	White Smooth	Polybag	25	IIIIIIII
WRW-D	Duplex	White Smooth	Polybag	25	IIIIIIII
WRW-B	Blank	White Smooth	Polybag	25	IIIIIIII
WRW-SR2	Receptacle 1.40" Hole	White Smooth	Polybag	25	IIIIIIII
Maxi Metal Wallplate: White Smooth					
WMW-T	Toggle	White Smooth	Polybag	25	IIIIIIII
WMW-R	Decorator/Rocker	White Smooth	Polybag	25	IIIIIIII
WMW-D	Duplex	White Smooth	Polybag	25	IIIIIIII
WMW-B	Blank	White Smooth	Polybag	25	IIIIIIII
Maxi/Princess Metal Wallplate: White Smooth					
WRW-TT	2-Toggle	White Smooth	Polybag	10	IIIIIIII
WRW-TTT	3-Toggle	White Smooth	Polybag	10	IIIIIIII
WRW-TTTT	4-Toggle	White Smooth	Polybag	10	IIIIIIII
WRW-5T	5-Toggle	White Smooth	Polybag	10	IIIIIIII
WRW-6T	6-Toggle	White Smooth	Polybag	10	IIIIIIII
WRW-RR	2-Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII
WRW-RRR	3-Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII
WRW-RRRR	4-Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII

See end of section (Pg E22) for detailed drawings »

Maxi/Princess Metal Wallplates – White Smooth

Maxi / Princess


WRW-DD


WRW-DDD


WRW-BB


WRW-BBB


WRW-BBBB


WRW-DR


WRW-TD


WRW-TR

WRW-TB

WRW-TTR


WRW-TTD


WRW-TTTD

Maxi/Princess Metal Wallplate: White Smooth

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
WRW-DD	2-Duplex	White Smooth	Polybag	10	IIIIIIII
WRW-DDD	3-Duplex	White Smooth	Polybag	10	IIIIIIII
WRW-BB	2-Blank	White Smooth	Polybag	10	IIIIIIII
WRW-BBB	3-Blank	White Smooth	Polybag	10	IIIIIIII
WRW-BBBB	4-Blank	White Smooth	Polybag	10	IIIIIIII
WRW-DR	Duplex Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII
WRW-TD	Toggle/Duplex	White Smooth	Polybag	10	IIIIIIII
WRW-TR	Toggle Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII
WRW-TB	Toggle/Blank	White Smooth	Polybag	10	IIIIIIII
WRW-TTD	2-Toggle Duplex	White Smooth	Polybag	10	IIIIIIII
WRW-TTTD	3-Toggle Duplex	White Smooth	Polybag	10	IIIIIIII
WRW-TTR	2-Toggle Decorator/Rocker	White Smooth	Polybag	10	IIIIIIII

See end of section (Pg E22) for detailed drawings »

Maxi/Princess Metal Wallplates – White Textured

Princess

WRTW-B

WRTW-T

WRTW-R

WRTW-D

Maxi


WMTW-B

WMTW-T


WMTW-R


WMTW-D

Maxi / Princess


WRTW-RR


WRTW-RRR


WRTW-TT


WRTW-TTT


WRTW-TTTT


WRTW-5T


WRTW-TD

WRTW-BB

WRTW-DD

Metal Wallplate

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Princess: White Textured					
WRTW-T	Toggle	White Textured	Polybag	25	IIIIIIII
WRTW-R	Decorator/Rocker	White Textured	Polybag	25	IIIIIIII
WRTW-D	Duplex	White Textured	Polybag	25	IIIIIIII
WRTW-B	Blank	White Textured	Polybag	25	IIIIIIII
Maxi: White Textured					
WMTW-T	Toggle	White Textured	Polybag	25	IIIIIIII
WMTW-R	Decorator/Rocker	White Textured	Polybag	25	IIIIIIII
WMTW-D	Duplex	White Textured	Polybag	25	IIIIIIII
WMTW-B	Blank	White Textured	Polybag	25	IIIIIIII
Maxi/Princess: White Textured					
WRTW-TT	2-Toggle	White Textured	Polybag	20	IIIIIIII
WRTW-TTT	3-Toggle	White Textured	Polybag	10	IIIIIIII
WRTW-TTTT	4-Toggle	White Textured	Polybag	10	IIIIIIII
WRTW-5T	5-Toggle	White Textured	Polybag	10	IIIIIIII
WRTW-RR	2-Decorator/Rocker	White Textured	Polybag	20	IIIIIIII
WRTW-RRR	3-Decorator/Rocker	White Textured	Polybag	10	IIIIIIII
WRTW-DD	2-Duplex	White Textured	Polybag	20	IIIIIIII
WRTW-BB	2-Blank	White Textured	Polybag	10	IIIIIIII
WRTW-TD	Toggle/Duplex	White Textured	Polybag	20	IIIIIIII

See end of section (Pg E22) for detailed drawings »

Maxi/Princess Metal Wallplates – Ivory Textured

Maxi



WMTI-T



WMTI-R

WMTI-D

Maxi / Princess



WRTI-RR

WRTI-DD

WRTI-BB

Metal Wallplate

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
Maxi Metal Wallplate: Ivory Textured					
WMTI-T	Toggle	Ivory Textured	Polybag	25	IIIIIIII
WMTI-R	Decorator/Rocker	Ivory Textured	Polybag	25	IIIIIIII
WMTI-D	Duplex	Ivory Textured	Polybag	25	IIIIIIII
Maxi/Princess Metal Wallplate: Ivory Textured					
WRTI-RR	2-Decorator/Rocker	Ivory Textured	Polybag	10	IIIIIIII
WRTI-DD	2-Duplex	Ivory Textured	Polybag	10	IIIIIIII
WRTI-BB	2-Blank	Ivory Textured	Polybag	10	IIIIIIII

See end of section (Pg E22) for detailed drawings »

Jumbo Metal Wallplates

Jumbo Brushed Nickel


WJBN-DX


WJBN-RX


WJBN-TX


WJBN-TTX

White Smooth


WJW-D


WJW-R


WJW-T


WJW-TT

White Textured


WJTW-D

WJTW-R

Ivory Smooth


WJI-D


WJI-R


WJI-T


WJI-TT

Ivory Textured


WJTI-D


WJTI-T

Jumbo Metal Wallplate

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Barcode
Brushed Nickel					
WJBN-DX	Duplex	Brushed Nickel	Polybag	10	IIIIIIII
WJBN-RX	Decorator/Rocker	Brushed Nickel	Polybag	10	IIIIIIII
WJBN-TX	Toggle	Brushed Nickel	Polybag	10	IIIIIIII
WJBN-TTX	2-Toggle	Brushed Nickel	Polybag	10	IIIIIIII
White Smooth					
WJW-T	Toggle	White Smooth	Polybag	20	IIIIIIII
WJW-TT	2-Toggle	White Smooth	Polybag	10	IIIIIIII
WJW-R	Decorator/Rocker	White Smooth	Polybag	20	IIIIIIII
WJW-D	Duplex	White Smooth	Polybag	20	IIIIIIII
White Textured					
WJTW-R	Decorator/Rocker	Textured White	Polybag	20	IIIIIIII
WJTW-D	Duplex	Textured White	Polybag	20	IIIIIIII
Ivory Smooth					
WJI-T	Toggle	Ivory Smooth	Polybag	20	IIIIIIII
WJI-TT	2-Toggle	Ivory Smooth	Polybag	10	IIIIIIII
WJI-R	Decorator/Rocker	Ivory Smooth	Polybag	20	IIIIIIII
WJI-D	Duplex	Ivory Smooth	Polybag	20	IIIIIIII
Ivory Textured					
WJTI-T	Toggle	Textured Ivory	Polybag	20	IIIIIIII
WJTI-D	Duplex	Textured Ivory	Polybag	20	IIIIIIII

See end of section (Pg E22) for detailed drawings »

Masque 2000 Series

Applications

- Designed for home and commercial use providing enhanced aesthetics and durability

Product Features

- Achieve fantastic colors. Masque wall plates are easily painted or wallpapered to match or compliment walls
- Unbreakable premium PVC wallplates
- Hide outdated, discolored outlets
- Won't crack or distort during installation
- Includes screws in matching finish

Compliance

- UL LISTED*



Paint or Cover with Wallpaper!
Smooth Rounded Look



2000W



4000W



5070W



2400W



4400WH



4440W

Masque 2000 Series

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
2000W	Grounded Duplex*	White Textured	Polybag	50	IIIIIIII
4000W	Toggle	White Textured	Polybag	50	IIIIIIII
5070W	Toggle Cover-Up*	White Textured	Polybag	25	IIIIIIII
2400W	Duplex/Toggle*	White Textured	Polybag	10	IIIIIIII
4400WH	2-Toggle	White Textured	Polybag	10	IIIIIIII
4440W	3-Toggle	White Textured	Polybag	10	IIIIIIII

**WARNING: Do not use with Tamper-Resistant (TR) receptacle. A Tamper-Resistant receptacle can be identified by the phrase "Tamper Resistant" or letters "TR" marked on the receptacle face or mounting strap (visible with the cover plate removed). (2000W, 2400W).*
**Duplex and Toggle Covers (2000W, 5070W, 2400W) not UL Listed.*

See end of section (Pg E23) for detailed drawings »

Plastic Wallplates – Masque®

Masque 5000 Series

Applications

- Designed for home and commercial use for enhanced ascetics and durability
- Modular universal design for adaptability with cover-up options on most or all applications


5000W


5500W


5550W


5555W

Product Features

- Achieve fantastic colors. Masque wall plates are easily painted or wallpapered to match or compliment walls
- Unbreakable premium PVC wallplates
- Hide outdated, discolored outlets
- Customize with adapters
- Won't crack or distort during installation
- Includes applicable screws in matching finish

Compliance

- UL LISTED*

Masque Adapters


AD10W


AD20W


AD40W


AD70W


AD90W


AD93W

Masque 5000 Series

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
5000W	Decorator Device	White Textured	Polybag	50	IIIIIIII
5500W	2-Decorator/Rocker	White Textured	Polybag	10	IIIIIIII
5550W	3-Decorator/Rocker	White Textured	Polybag	10	IIIIIIII
5555W	4-Decorator/Rocker	White Textured	Polybag	10	IIIIIIII

Masque Adapter Plates

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
AD10W	Blank	White Textured	Polybag	10	IIIIIIII
AD20W	Duplex*	White Textured	Polybag	10	IIIIIIII
AD40W	Toggle	White Textured	Polybag	10	IIIIIIII
AD70W	Toggle Switch Cover-Up*	White Textured	Polybag	25	IIIIIIII
AD90W	Telephone Jack (jack included)	White Textured	Polybag	10	IIIIIIII
AD93W	Cable TV	White Textured	Polybag	10	IIIIIIII

**WARNING: Do not use with Tamper-Resistant (TR) receptacle. A Tamper-Resistant receptacle can be identified by the phrase "Tamper Resistant" or letters "TR" marked on the receptacle face or mounting strap (visible with the cover plate removed). (AD20W).*
**Duplex Adapters (AD20W, AD70W) not UL Listed.*

See end of section (Pg E23) for detailed drawings »

Masque® Decorator Cover Series

Applications

- Decorator Covers improve the appearance of a room in seconds, creating a designer decorator look by covering old outlets instead of replacing them. There is no need to re-wire, saving time and money







No Re-Wiring Needed!

Product Features

- Completely covers old outdated outlets and switches
- Jumbo size easily hides excessive paint edge build up from years of paint over
- No rewiring
- Saves time and money
- Contemporary look - smooth finish
- PVC material resists wear and tear
- Won't crack or distort during installation
- Includes screw(s) in matching finish



2500W



2570W



2520W



2520LA

Decorator Cover Series Wallplates

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
2500W	Grounded Duplex*	White	Polybag	50	IIIIIIII
2570W	Toggle Switch Cover-Up (midsize)	White	Polybag	25	IIIIIIII
2520W	Grounded Duplex*	White	Polybag	50	IIIIIIII
2520LA	Grounded Duplex*	Light Almond	Polybag	50	IIIIIIII

**WARNING: Do not use with Tamper-Resistant (TR) receptacle. A Tamper-Resistant receptacle can be identified by the phrase "Tamper Resistant" or letters "TR" marked on the receptacle face or mounting strap (visible with the cover plate removed). (2500W, 2520W, 2520LA).*

See end of section (Pg E23) for detailed drawings »

Plastic Wallplates – Masque® Révive™

Masque Révive

Applications

- Masque Révive easily creates an all new look without replacing old outlets or switches. No need to re-wire, saving time and money
- Don't replace... Révive!

Product Features

- Completely covers old outdated outlets and switches
- No rewiring
- Saves time and money
- Contemporary look - smooth finish
- Impact resistant PVC resists wear and tear
- Won't crack or distort during installation
- Includes screw(s) in matching finish





No Re-Wiring Needed!



2600W



2670W



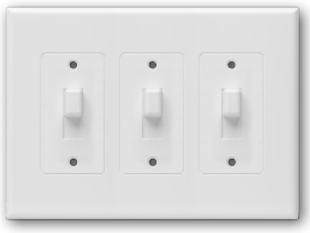
2602W



2772W



2672W



2673W

Masque Révive Wallplates

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
2600W	Grounded Duplex*	White	Polybag	10	IIIIIIII
2670W	Toggle Switch Cover-Up	White	Polybag	10	IIIIIIII
2602W	2-Grounded Duplex*	White	Polybag	5	IIIIIIII
2772W	Grounded Duplex/Toggle Switch*	White	Polybag	5	IIIIIIII
2672W	2-Toggle Switch Cover-Up	White	Polybag	8	IIIIIIII
2673W	3-Toggle Switch Cover-Up	White	Polybag	5	IIIIIIII

**WARNING: Do not use with Tamper-Resistant (TR) receptacle. A Tamper-Resistant receptacle can be identified by the phrase "Tamper Resistant" or letters "TR" marked on the receptacle face or mounting strap (visible with the cover plate removed). (2600W, 2602W, 2772W).*

See end of section (Pg E23) for detailed drawings »

Allure Designer Wallplates

Applications

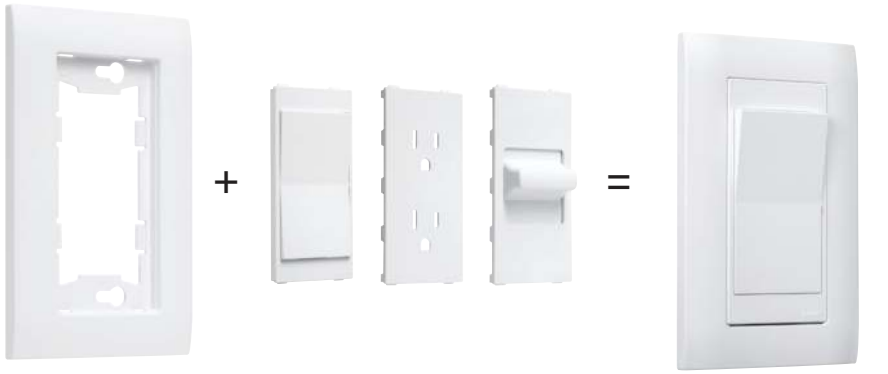
- Allure wallplates cover outdated, mismatched receptacles, transforming them to a clean-line, sleek, contemporary look with no visible screws

Product Features

- Use one plate with different inserts to fit any combination of outlet and switch
- Upgrade the look of a home in seconds with the innovative style of Allure designer wallplates
- Quick and easy to install in under a minute with no electrical work
- Saves time and money by covering existing devices instead of replacing
- Impact resistant ABS resists wear and tear



Don't Update, Upgrade!
Transforms Old Outlets to Upgraded Screwless Style in Seconds



A1000W
Wall Plate Frame

Choose the proper insert

Install for upscale finished look



A2000W **A3000W** **A4000W**

Allure Wallplate Frames

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
A1000W	1-Device	White	Card	6	IIIIIIII
A2000W	2-Device	White	Card	3	IIIIIIII
A3000W	3-Device	White	Card	3	IIIIIIII
A4000W	4-Device	White	Card	3	IIIIIIII

See end of section (Pg E23) for detailed drawings »

Plastic Wallplate Inserts – Allure®

Allure Wallplate Inserts

Applications

- Allure wallplates cover outdated, mismatched receptacles; transforming them to a clean-line, sleek, contemporary look with no visible screws

Product Features

- Use one plate with different inserts to fit any combination of outlet and switch
- Upgrade the look of a home in seconds with the innovative style of Allure designer wallplates
- Quick and easy to install in under a minute with no electrical work
- Saves time and money by covering existing devices instead of replacing
- Impact resistant ABS resists wear and tear


A30W


A40W


A50W


A52W


A54W


A66W


A72W

A00W


A10W


A12W


A20W

Allure Inserts

Catalog #	Description	Color	Pkg. Type	Std. Pkg.	Bar Code
A30W	Toggle Switch	White	Card	6	IIIIIIII
A40W	Single Port (Fits Keystone Modules)	White	Card	3	IIIIIIII
A50W	GFCI* (Left Test)	White	Card	3	IIIIIIII
A52W	GFCI* (Open Test)	White	Card	3	IIIIIIII
A54W	GFCI* (Traditional Test)	White	Card	3	IIIIIIII
A66W	Rotary Dimmer	White	Card	3	IIIIIIII
A72W	Universal Insert	White	Card	3	IIIIIIII
A00W	Blank	White	Card	3	IIIIIIII
A10W	Decorator Outlet*	White	Card	3	IIIIIIII
A12W	Duplex Outlet*	White	Card	6	IIIIIIII
A20W	Rocker Switch	White	Card	3	IIIIIIII

**WARNING: Do not use with Tamper-Resistant (TR) receptacle. A Tamper-Resistant receptacle can be identified by the phrase "Tamper Resistant" or letters "TR" marked on the receptacle face or mounting strap (visible with the cover plate removed). (A50W, A52W, A54W, A10W, A12W).*

See end of section (Pg E23) for detailed drawings »

Low Profile Thermostat Covers

Applications

- Protects thermostat from tampering and unwanted changes to AC or heating settings

Product Features

- Rotating removable hinge makes adjusting the thermostat more convenient by eliminating the need to completely remove the cover
- Lid can be removed for easy thermostat installation
- Hinge includes high strength locking features to ensure that the lid cannot be removed when closed
- Includes tumbler lock with two keys
- Heavy duty polycarbonate
- Includes mounting screws and anchors
- Mounts horizontally or vertically
- Low profile
- Can be mounted in any one of four directions



ZTC100
Compare to Honeywell TG510A 1001 Fits thermostat models:
• Honeywell: T87/Q539
• Robertshaw: TX400
• ITT General: T199
• And others of similar size



ZTC200
Compare to Honeywell TG510A 1000 Fits most small and medium thermostat brands including:
Honeywell, ITT General, White Rodgers, Enerstat, American Stabilis, Columbus Electric and Seco



ZTC300
Compare to Honeywell CG512A 1009
Fits most medium and large thermostat brands including:
Honeywell, ITT General, White Rodgers, Enerstat, American Stabilis and Columbus Electric



Clear Plastic Thermostat Guard – Low Profile

Catalog #	Description	Inside Width	Outside Width	Pkg. Type	Std. Pkg.	Bar Code
ZTC100	Small	4 7/16″ W x 4 7/16″ H x 2 1/4″ D	5 7/8″ W x 5 7/8″ H x 2 1/2″ D	Box	12	IIIIIIII
ZTC200	Medium	6 1/16″ W x 5 1/16″ H x 2 5/8″ D	7 1/2″ W x 6 1/2″ H x 2 15/16″ D	Box	12	IIIIIIII
ZTC300	Large	8 3/8″ W x 5 7/8″ H x 3″ D	9 3/4″ W x 7 1/4″ H x 3 3/8″ D	Box	6	IIIIIIII

See end of section (Pg E24) for detailed drawings »

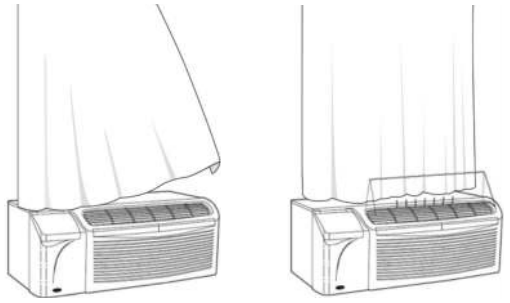
Air Deflectors

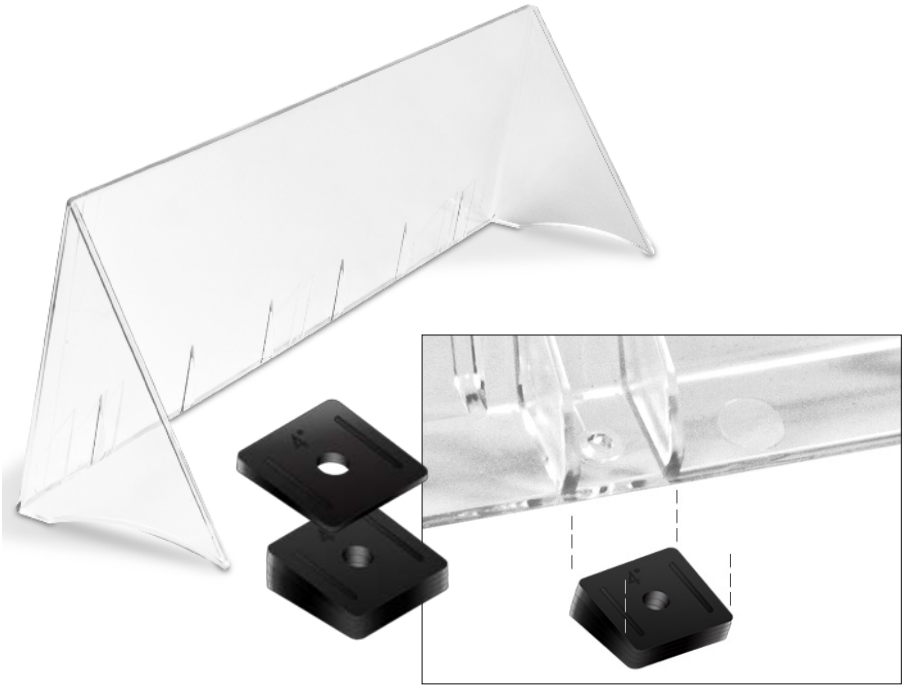
Applications

- Saves energy and adds comfort by redirecting the flow of air through-out home or office

Product Features

- Heavy duty polystyrene
- Easy to install
- Includes mounting hardware
- (15) adapter wedges included for precision installation





DA28, DF30, DG28, DG30
Adjustable Wedges Included

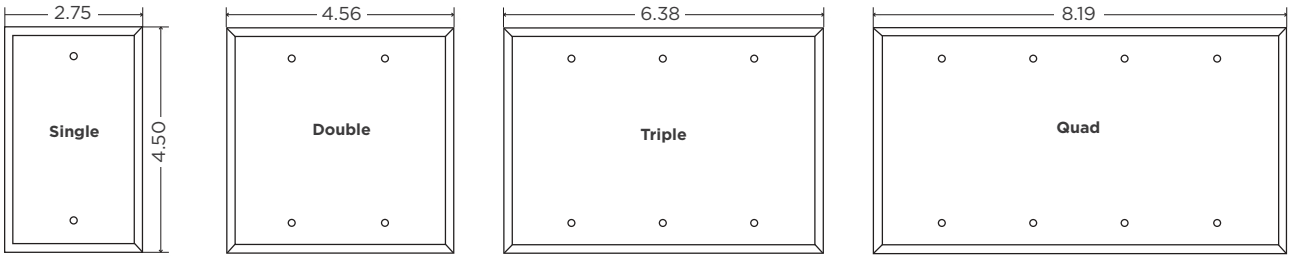
PTAC Air Deflector

Catalog #	Size (Inside)	Compatibility	Pkg. Type	Std. Pkg.	Bar Code
DA28	28.5″	Fits Amana® A, B and C series units	Polybag	4	IIIIIIII
DF30	30″	Fits most Friedrich® models and other similar size units	Polybag	4	IIIIIIII
DG28	29.5″	Fits GE® Zoneline® models 2100, 2600, 3100 and 5100	Polybag	4	IIIIIIII
DG30	30.25″	Fits GE® Zoneline® models 2200, 2500, 2800, 3200, 3500, 3800, 5200 and 5500	Polybag	4	IIIIIIII

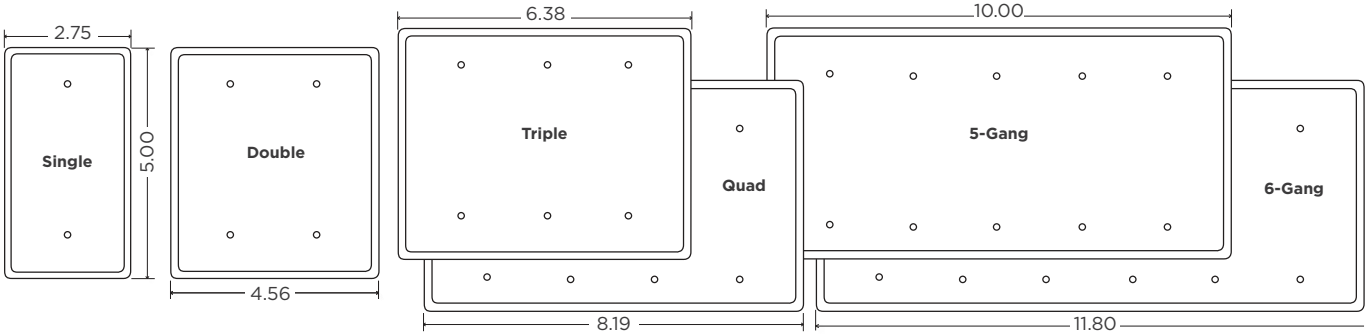
See end of section (Pg E25) for detailed drawings »

Metal Wallplates

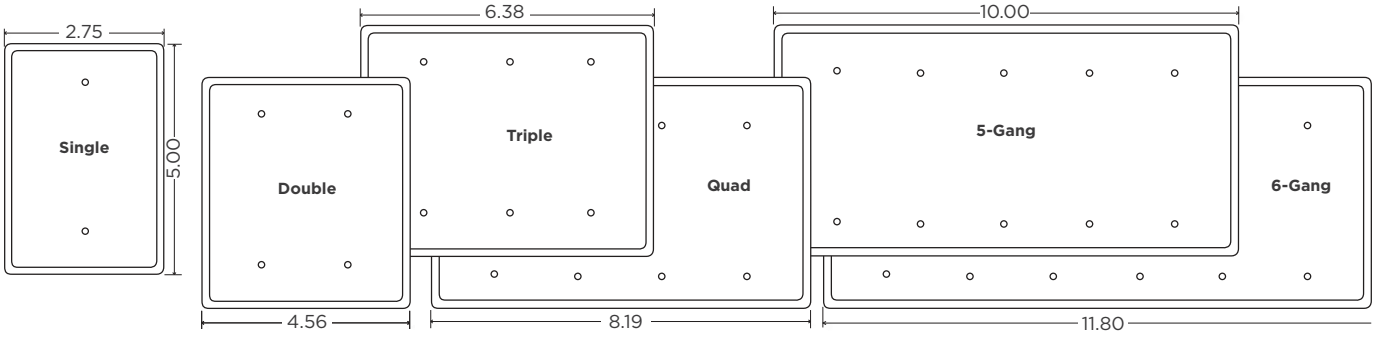
Standard Metal Wallplates



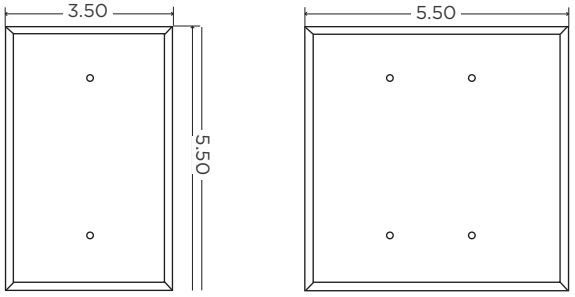
Princess Metal Wallplates



Maxi Metal Wallplates



Jumbo Metal Wallplates

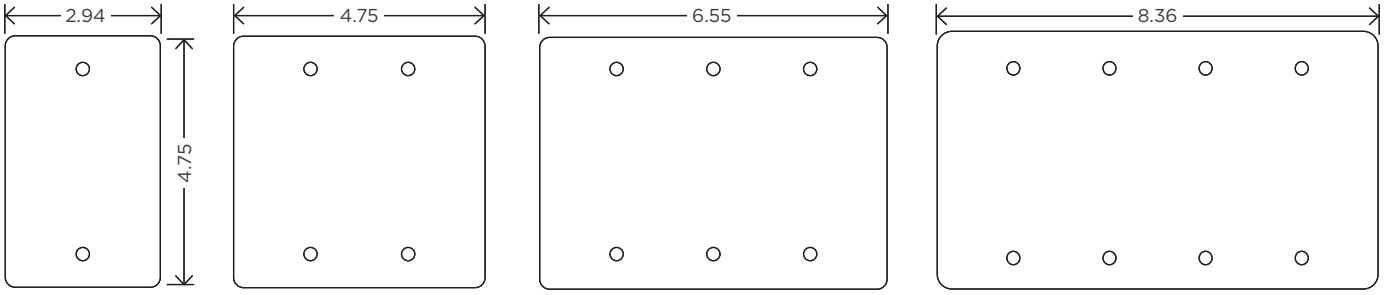


Default unit of measure is inches if not specifically indicated in a drawing.

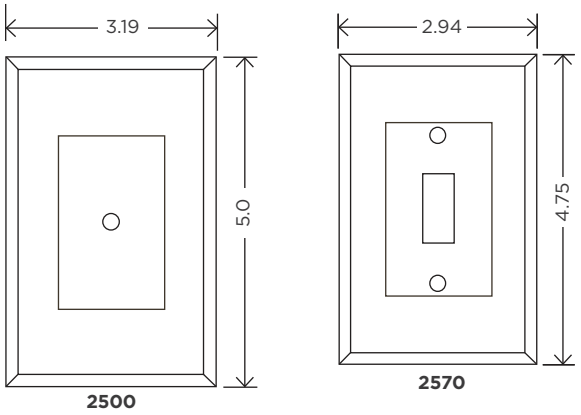
Detailed Drawings

Plastic Wallplates

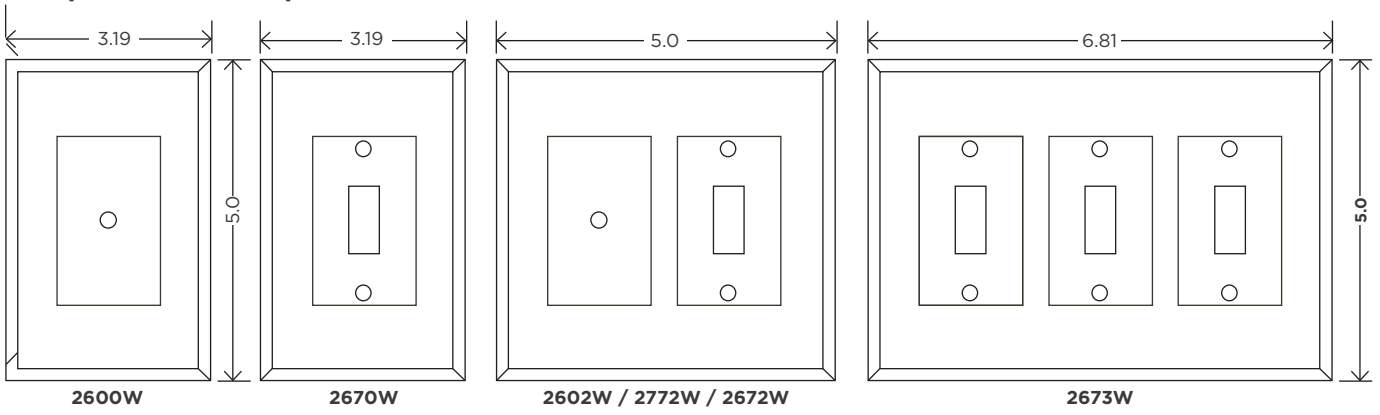
Masque® Wallplates



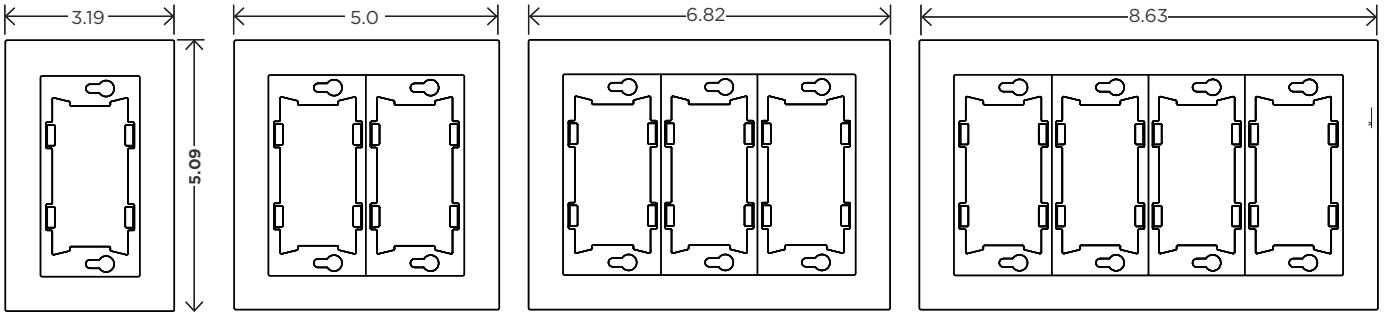
Decorator Cover Wallplates



Masque® Révive Wallplates



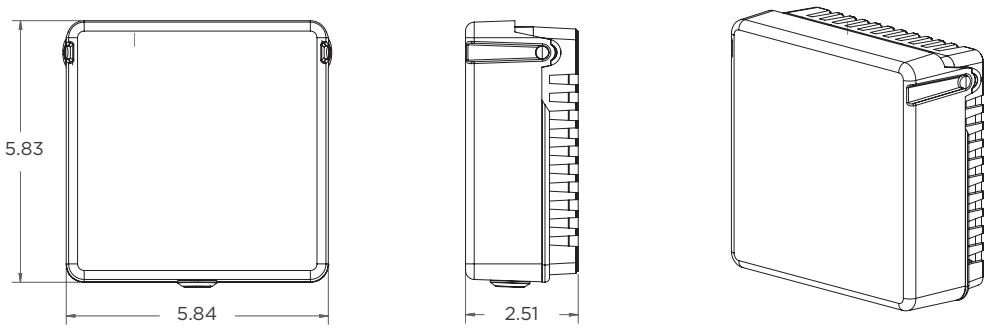
Allure™ Wallplates



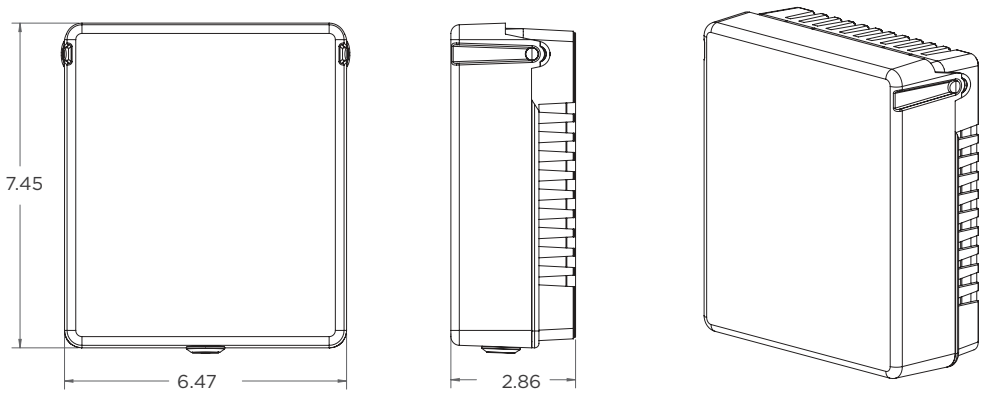
Default unit of measure is inches if not specifically indicated in a drawing.

Thermostat Covers

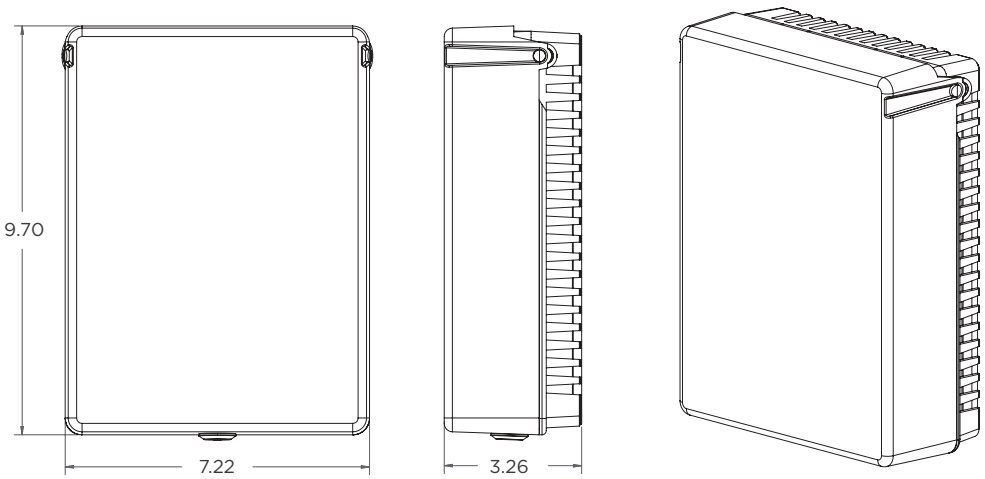
ZTC100



ZTC200



ZTC300

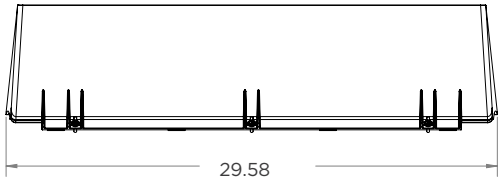


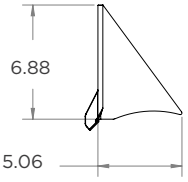
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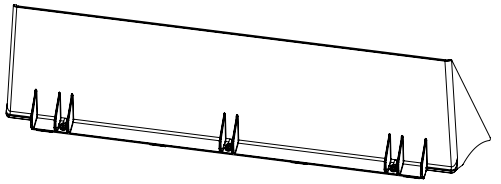
Detailed Drawings

Air Deflectors

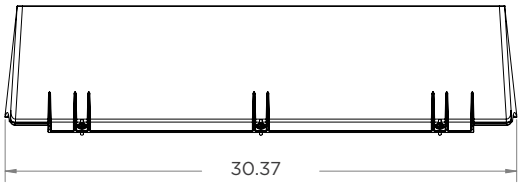
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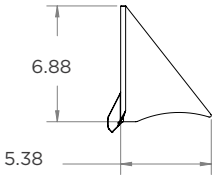


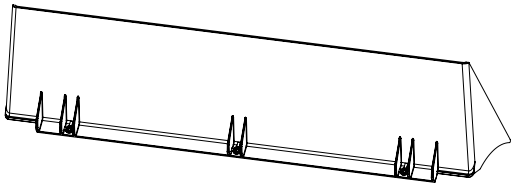




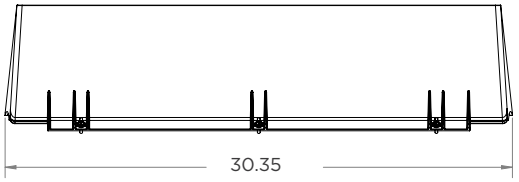
DF30

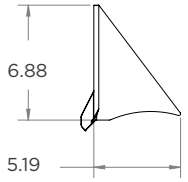


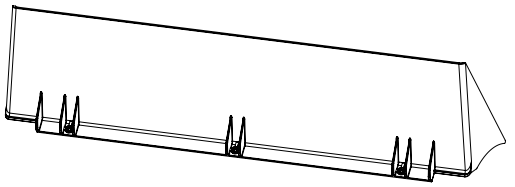




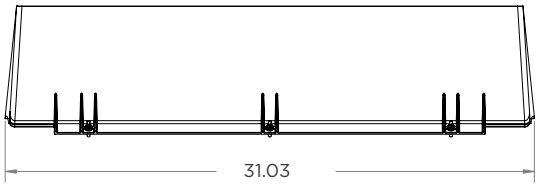
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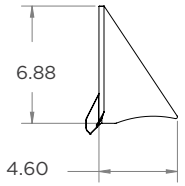


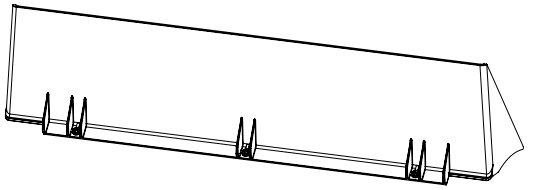




DG30







Default unit of measure is inches if not specifically indicated in a drawing.

A - E

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.

BLOCK-LOC® – a Hubbell Inc. trade name for self-positioning masonry 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 – method of mounting weatherproof cover using the four outer corner holes in electrical box (as opposed to device mount).

BUBBLE COVER - provides weatherproof protection to outdoor devices. The cover is often clear plastic and completely covers the outlet like a “bubble” even with cords plugged in.

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.

CODEGUARD® – TayMac trademark for line of weatherproof covers with Hubbell weather-resistant receptacles.

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 (e.g. masonry boxes).

CONCRETE BOX – a box intended for use in concrete and masonry block. 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 common method of attaching weatherproof cover via the electrical box device mounting hole(s) sometimes secured with the same screws that simultaneously hold the device. (As opposed to box mounting or device wallplate hole mounting.)

DUPLEX RECEPTACLE – Electrical outlet device having two plug receptacles.

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.

ETL –certification mark for Intertek Testing Services. ITS tests 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

Glossary of Electrical Industry Terms

provides more cubic inch capacity for the box if needed.

EXTRA DUTY – a name applied to weatherproof while-in-use covers that have passed UL testing and are listed as "Extra-Duty".

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.

FLIP COVER – flat profile weatherproof cover designed to protect device from moisture, dust, dirt, and debris. Flips open for temporary device access and is designed to self-close when not held open.

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.

GORILLA-RING® – a RACO® concrete ring UL approved for fixture and ceiling fan support.

GOTCHA® – a registered Hubbell Inc. trademark for a split hinge design ring used in Hubbell strain relief cord connectors.

GRAND SLAM™ – RACO® trademark for boxes used to terminate homeruns.

GREENFIELD – see Flexible Metal Conduit.

GRID-BRACE™ – A Hubbell Inc. trade name for a ceiling support assembly designed for ceiling fan or fixture support for suspended ceilings.

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) in a 120V single phase system.

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.

IN-USE COVER – see While-In-Use Cover.

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

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 of conduit or a connector.

KORNS® CLAMP – A registered trademark for a right angle, parallel, or edge type conduit clamp, used to fasten conduit to I-beams.

KWIK-BRACE® – a RACO® new work adjustable brace that is UL approved for fixture and ceiling fan support.

KWIK-HANG® – a RACO® swivel fixture cover or box support hanger.

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 nonmetal conduit is a raceway of circular cross section having a smooth inner surface with integral reinforcement within the conduit wall.

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

M - S

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 GRIP-LOK® old work brackets.

MASONRY BOX – box installed in block walls as the blocks are 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 (e.g. 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.

PAR38 - larger bulb (4.75" dia. reflector) commonly used with outdoor lamp heads for flood lighting. Stands for Parabolic Aluminized Reflector and 38 is the size. For outdoor applications, use only outdoor rated bulbs.

PARTITION WALLS – walls that are non-load 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 tab 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 tab, providing an opening for cable.

Q

QUICK-FIT™ – Keyhole mounting system.

R

RACEWAY – 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.

RAYNGUARD™ – RACO® trademark for extra duty weatherproof proof metallic while in use cover.

RAYNTITE® – RACO® trademark for weatherproof device cover approved for use in wet locations.

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.

RETRO-BRACE® – a RACO® old work adjustable brace for fixture or ceiling fan support.

RETRO-RING® – a RACO® old work, steel mounting bracket for 4" square boxes.

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.

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.

Glossary of Electrical Industry Terms

S - Z

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 to secure the conduit.

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 BUSHING – a term used to describe an insulating bushing, typically with a slit or hinge design, that can be installed after conductors have been pulled.

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.

STAB-iT® – RACO® trademark for boxes with built-in MC connectors.

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 MOUNT – RACO® line of mud rings with built-in stud support.

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.

SWIVELLOK® – 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

U-CONDUIT BODY – a term used to describe a multi-configurable, or universal, design conduit body.

U-FAST – Universal Fit Adapter System Technology. Provides an easy means of configuring outdoor device covers to fit various devices.

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 IN-USE – term commonly used to describe covers that are designed to be rain tight with cords plugged in.

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 in unprotected locations exposed to weather.

WHILE-IN-USE (WIU) COVER – term commonly used to describe covers that are designed to be rain tight with cords plugged in.

WRTR – an electrical device that is weather resistant and tamper resistant.

A – L

A

Air Deflectors E20
Add-A-Depth Ring A85
Adjustable Mud Rings A27, A38
Allure™ E17-E18
Armored Cable Connectors B64-B66
AV Wall Boxes A45

B

Bar Hangers A82
Beam Clamps B80
BELL Boxes D5-D12
BELL Weatherproof D5-D58
BLOCK-LOC® A78
Bonding Locknuts B35
BOX-LOC® Bracketed Boxes A11, A14, A17-A18, A22, A98
BOX-LOC® Clip A81
Box Mounting Lugs D39
Box Support A79-A84
Bushings:
- Anti-short B67, B68
- Insulating B18, B37
- Insulated B39-B40
- Insulated Grounding B40
- Reducing B32-B33
- Uninsulated B38

Bullet Lampholder D29

C

Cable Boxes, Nonmetallic A96-A103
Cable Protector A86, B83
Carpet Flanges A109, A112, A113, A117
Ceiling Boxes, Plastic A100
Ceiling Closure Plates A60, D25
Ceiling Fan Boxes A49-A51, D40
Ceiling Pans A51
Clamp Backs B21, B44
Closure Plugs D38
CodeGuard C12-C13
Combination Couplings:
- EMT to Flex B17, B62-B63
- EMT to Rigid/IMC B16-B17, B29
- Flex to Rigid/IMC B29, B62

Connectors and Couplings for:
- Armored Cable B64-B66
- EMT (thinwall) Conduit B3-B21
- Flexible Metal Conduit B56-B63
- Liquidtight Conduit B45-B55
- Metal Clad B67-B71
- Nonmetallic Sheathed Cable B72-B73
- Portable Cords & Cable B52-B55
- Rigid/IMC Conduit B22-B44
- Service Entrance B74-B78
- Underground Feeder Cable B75

Concrete Rings A49, A75
Conduit Bodies C17-C23
Conduit Clamps B81
Cord Grip Connectors B45-B55
Cover, Indoor:
- 4" Square Steel A23-A24, A27
- 4-11/16" Square Steel A37-A40
- Concrete Boxes A75
- Floor Boxes A109-A118
- Floor Box Pedestal A119
- Gang Boxes A74
- Handy Boxes A61-A63
- Octagon Boxes A53-A58

Covers, Outdoor:
- Blank D24-D25, D42
- Cluster D28
- Switch & Outlet D26-D27, D41

D

Deck Outlet Cover C10
Decorator Cover E15
Double Bite Saddle Connectors B71
Dugout Transition Box A46
Duplex Connectors B61, B65, B70
Dusk to Dawn Switch D37

E

Elbows:
- EMT B11, B15
- Rigid/IMC B26-B27

EMT Fittings B3-B21
Entrance Heads/Caps B74
Expandable Covers C8, C15
Exposed Work Covers
- 4" Square A32
- 4-11/16" Square A33-A40

Extension Rings, Indoor:
- 4" Square A12
- 4-11/16" Square A33
- Handy A61
- Octagon A53-A60

Extensions, Outdoor D7-D8, D11-D12
Extra Duty Covers C5-C6, C8-C9, C12-C15

F

Fan Support Products A49-A51, D40
Far Side Box Support A81
Flat Covers C7, C9
Flexible Metal Conduit Fittings B56-B63
Flip Covers D13-D17, D20-D22
Floodlight Kits D31-D32
Floor Boxes:
- Quick Selection Guide A109-A110
- Concrete A111, A114
- Wood Floor A114

G

Gang Boxes A71
Garden Lights D36
Gaskets:
- Lampholder D43
- Weatherproof Covers C16, D39

GRAND-SLAM™ A47-A48
GRID-BRACE™ A51
GRIP-LOK™ A85
Ground Clamps B79
Ground Bushings B40
Ground Clips, Pigtails, Screws A87
Grounding Liquidtight Connectors . . B48-B50

H

Halogen Lampholders D30
Handy Boxes, Covers & Extensions . . . A61-A63
Handy Ells B11, B27
Hangers, Conduit B80
Hinged Mud Rings A28
Hubs, Rigid Conduit B31
HVAC Covers E19

I

IMC/Rigid Fittings B22-B36
In-Use Covers . . C5-C6 , C8-C10, C12-C15, D14

K

Knockout Seals B82
Kits / Combos:
- Flip Cover D23
- Light D34-D35
- In-Use C10, C12-C13

L

Lampholder Covers D28, D43
Lampholders, Outdoor D29-D36, D43
Large Capacity Boxes A43-A44
Life Safety Support Products A41-A42
LED D31-D33
Lighting, Weatherproof:
- Accessories D36-D39
- Garden Lights D36
- Kits D31-D32, D34-D35
- LED D31-D33
- Nonmetallic D43
- Portable D33

Liquidtight Connectors B45-B55
Locknuts B34-B36
Low Profile Covers C8, C15
Low Voltage Partitions A24, A31, A43, A45, A72, A73, A76-A77

Index by Product Category

M – Z

M

Masonry Boxes A75-A78
Masque E13-E16
Metal Clad Cable Connectors. B67-B71
Metal Wallplates E2-E12
Motion Sensor Switches D37
Multiconfiguration Covers. C5-C8, C14-C15, D13, D17-D18, D21

N

Nipples:
Uninsulated B86
Offset B86
Nonmetallic Floor Boxes & Covers A111-A112, A118
Nonmetallic Sheathed Cable Fittings. B76-B77
Nonmetallic Wallplates E13-E18
Nonmetallic Weatherproof Boxes . . . D40-D41
Nonmetallic Weatherproof Covers . . . C5-C10, C12, D42
Nonmetallic Weatherproof Lighting. D43

O

Octagon Boxes & Covers, Steel A53-A60
Offset Fittings B10, B14, B86
Old Work:
Metallic Boxes. A13, A52, A64-A67
Plastic Boxes. A95-A102
RETRO-RING® A43
Support . . . . . .AX
Outdoor:
Boxes D5-D12, D40-D41
Covers C5-C8, C10, C12-C15, D13-D28
Lighting D29-D36, D43

P

Pans. A51-A52
ParkPost Enclosures. C11
Partitions:
Steel A26, A43, A71, A72. A73
Photocell. D37
Plenum Boxes & Covers. A15
Portable Lampholders D33
Protector Plates A86

R

RaynGuard® In-Use Metal Covers. C14
RAYNTITE® 1-Gang Covers D14
RAYNTITE® 2-Gang Covers. D19
Reducing:
Bushings B32-B33
Washers B84-B85
Recessed Device Enclosures C9, D18
RETRO-RING® A43
RÉVIVE Wallplates E16
Round Box Adapter C16

S

Sealing Compound. B87
Sealing Locknuts. B36
Sealing Washers, Metallic B85
Service Entrance Fittings B74-B78
Service Pedestals A119
Spike Light D33
Square Boxes:
4” Plastic A99
4” Steel. A9-A19, A22-A26
4-11/16” Steel. A33-A34, A37
STAB-IT® A19
STAB-IT®II A34
STAB-IT® Connector A46-A48
Straps, Mounting:
EMT. B19-B21
Nail-up B63
Rigid/IMC. B41-B43
Service Entrance B74-B78
Strain-relief Connectors B52-B56
Stud Mount Mud Rings A25
Switch Boxes:
Plastic. A96-A99
Steel A62-A69
SWIVEL-LOC Connectors B51

T

TayMac Weatherproof C5-C10, C12-C16
Thinwall (EMT) Fittings B3-B21
Thermostat Covers. E19
Three-piece Couplings. B28
Thru-wall Boxes. A9
Tile Covers A23-A24
Transition Box A46

U

Ultimate G Series Mounting Brackets. . . . A30
Underground Feeder Connectors B75
Universal Stud Mount Brackets A29

V

Vapor Barrier Boxes A103
Voltage Partitions: A24, A26, A31, A43-A45, A71-A73, A76-A77

W

Wallplates. E2-E18
Watertight SEU Connectors B76
Weatherproof Boxes & Covers. C5-C10, C12-C15, D5-D27
While-In-Use Covers C5-C6 , C8-C10, C12-C15, D14

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