

4-11/16" SQUARE BOXES

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

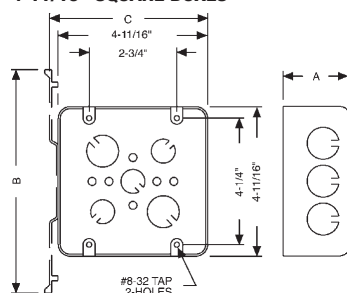
Applications

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

Product Features

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

4-11/16" SQUARE BOXES



Compliances

- UL – File E195978

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



ORDERING INFORMATION - DIMENSIONS

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

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

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

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

600V *Box has stranded pigtail assembled

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

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

DIMENSIONS

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



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

4-11/16" SQUARE COVERS AND EXTENSIONS

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

Applications

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

Product Feature

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

Compliances

- UL – File E195978
- SP – File LR-1082



RACO STEEL BOXES
& COVERS

ORDERING INFORMATION - DIMENSIONS

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

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

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

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

4-11/16" SQUARE COVERS

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

*5 Bundles of 10

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

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



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4-11/16" SQUARE COVERS

Applications

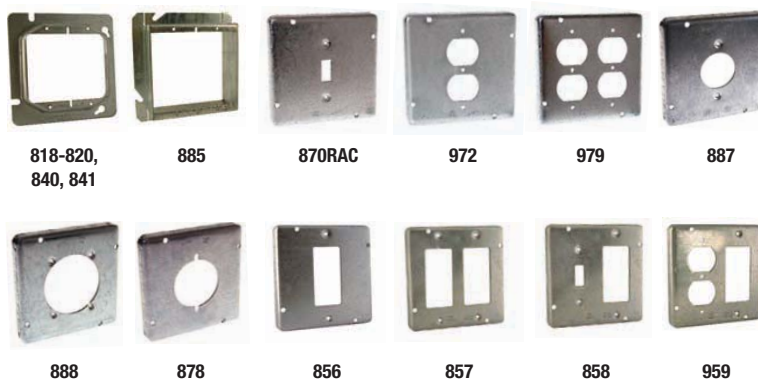
- Raised device covers are for mounting switches or receptacles
- Exposed work covers are used to support switches or receptacles independent of the box

Product Features

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

Compliances

-  – File E195978
-  – File LR-1082

**ORDERING INFORMATION - DIMENSIONS****4-11/16" SQUARE COMBINATION DEVICE AND TILE COVERS – TWO DEVICE**

CATALOG NUMBER	DESCRIPTION	CU. IN.	STD. PKG.	UPC BAR CODE
841	Raised 1/2"	5.5	25	
818	Raised 5/8"	7.3	25	—
840	Raised 3/4"	8.8	25	—
819	Raised 1"	12.0	25	—
820	Raised 1-1/4"	15.0	25	—
885	Raised 1-1/2"	15.5	20	—

4-11/16" SQUARE SURFACE COVERS – RAISED 1/2"

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