
CATALOG

Steel City[®]

Metallic boxes and covers

Steel City[®]



Since 1904, Steel City® products have symbolized the highest quality standards in manufacturing and innovative design, with one of the most complete offerings available. Steel City electrical boxes and accessories deliver simplicity and ease of use with a comprehensive industry-leading product line engineered for safety and compliance.

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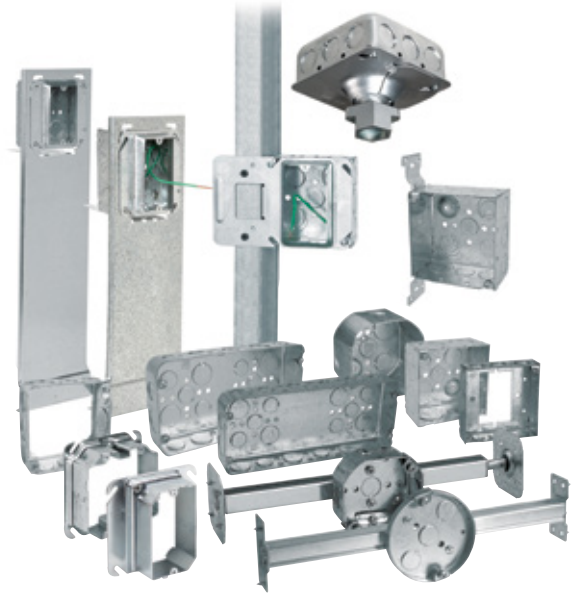
Overview

Steel City metallic boxes and covers

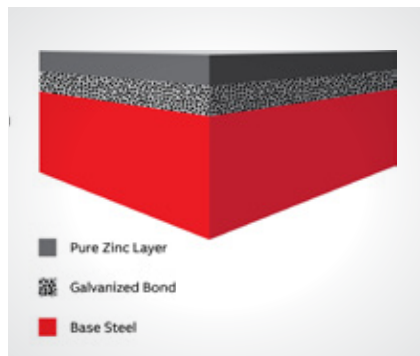
Since 1904, Steel City products have symbolized the highest quality standards in manufacturing and innovative design, with one of the most complete offerings of metallic switch and outlet boxes and accessories available.

Steel City products are known for simplicity in design and innovation, such as producing the first box offering to standardize combination slotted/phillips screws on all boxes.

For over 100 years, Steel City products have been built around the feedback of our contractors and their ever-changing needs. Contact a Steel City distributor nearest you to select the right product for your requirements.



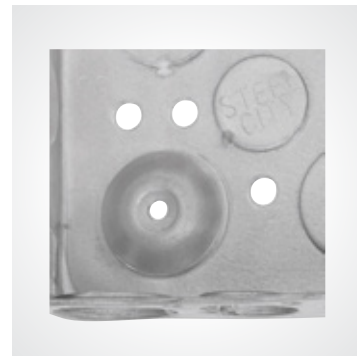
Advantages



Schematic section through a typical hot dip galvanized coating

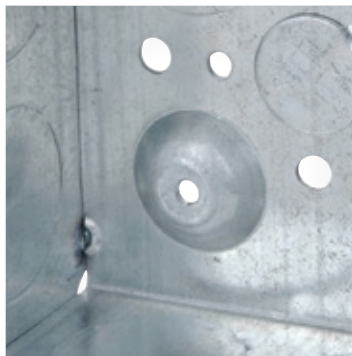
Zinc-galvanizing

Steel City switch and outlet boxes are protected from rust and corrosion by zinc-galvanizing. All clamps and other component parts are electrogalvanized separately, before assembly in the box, to ensure corrosion protection of every surface. Steel City galvanized finish meets the requirements of Underwriters Laboratories, Inc. and federal specifications.



Tapped holes for grounding

All Steel City boxes have a 10-32 tapped hole in the bottom of the box for attaching separate ground wire.



Raised ground screw bump in 4" square, 4¹¹/₁₆" and utility boxes

Quicker surface mounting by eliminating the need to remove the portion of the screw that threads through the back of the box. Allows for improved repositioning of grounding conductor. Ground bump standard in 2¹/₈" boxes. Ground bump standard in 1¹/₂" boxes.



Pre-installed screws are packaged in raised position

Eliminates extra step of having to back out the screw during cover installation.



Notched ears on switch boxes

Steel City switch boxes feature a longer ear and a special notch. This provides clearance for the screws that are used to attach wall plates to GFCI or rocker-type light switches.

Guide to Steel City knockouts, pryouts and brackets

Knockouts and pryouts

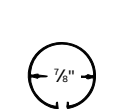
Steel City conduit KOs have standard trade size dimensions. KO's are uniform and true for attachment of cable or conduit connectors. Pryouts for cable entrance are slotted — a twist with a screwdriver removes them. KO's and pryouts are precision stamped to permit easy removal but remain sufficiently strong and sturdy when not removed.

Eccentric knockouts on square boxes

Provide better contact with conduit fitting and locknut to the box, improve grounding path, stronger than $\frac{3}{4}$ " knockout. Available in all four standard-size square boxes. Improved $\frac{3}{4}$ " knockout position on square boxes. Less labor required to install $\frac{3}{4}$ " conduit to box. Square boxes also come with concentric Knockouts



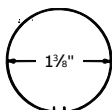
Eccentric knockouts
Combination $\frac{1}{2}$ " and $\frac{3}{4}$ " knockout



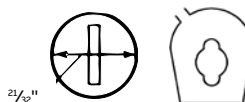
$\frac{1}{2}$ " Conduit KO



$\frac{3}{4}$ " Conduit KO



1" Conduit KO



Cable pryouts always in pairs

Knockouts

Pryouts

Brackets



S or B Type bracket
Mounts to face of stud. Used on switch, handy or square boxes. 2" long x $2\frac{1}{8}$ " wide



MS Type bracket (for metal studs)
Mounts to any depth of metal stud, open or closed side. $2\frac{1}{2}$ " long x $1\frac{1}{4}$ " wide x $\frac{3}{8}$ " offset; Far side support to 4" only



Adjustable stud mount
Mounts to metal or wood studs and adjusts its depth to accommodate depths after installation



L Type bracket
Used to mount octagon boxes. $2\frac{3}{8}$ " long x $3\frac{3}{8}$ " wide x $\frac{1}{4}$ " offset



SV Type bracket
Mounts box to side of stud with positioning spikes. $7\frac{3}{8}$ " long x 1" wide x $\frac{3}{8}$ " offset



CV Type bracket (outlet boxes)
Mounts to flat side of metal studs or wood studs. $7\frac{3}{8}$ " long x 1" wide x $\frac{3}{8}$ " offset



DV Type bracket
Mounts box offset from stud $1\frac{1}{2}$ ". $6\frac{1}{4}$ " long x 1" wide x $1\frac{1}{2}$ " offset



T Type bracket
Positions handy box against the face and side of stud. $5\frac{1}{2}$ " long x $\frac{7}{8}$ " wide



Fixture support
Adjustable bracket for fixtures up to 50lbs.



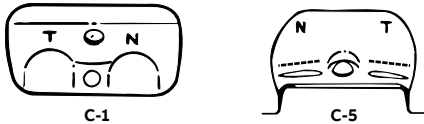
Ceiling fan support
Adjustable support for up to 70lb. fan or 200lb. fixture

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Guide to Steel City clamps and typical catalog identification

Wall box non-metallic clamps

C-1 and C-5 style clamps provide UL certified clamping for non-metallic sheathed cables. These clamps are found in square boxes and switch boxes



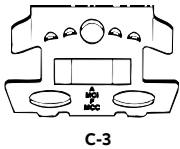
Ceiling box non-metallic clamps

C-8 and C-10 style clamps provide UL certified clamping for non-metallic sheathed cables. These clamps are found in “pancake” style ceiling boxes



Armored cable clamp

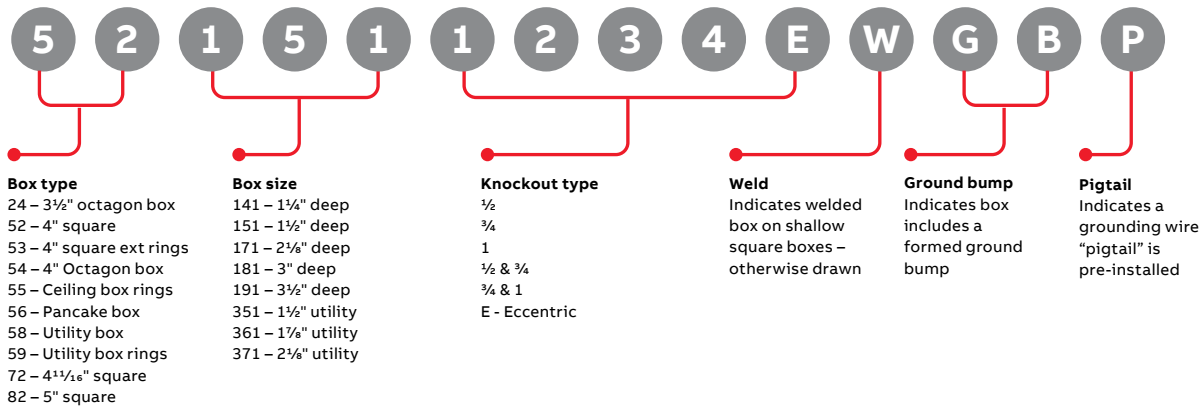
C-3 style clamps securely hold BX/MC cables



Description	Order code
Armored cable (BX) — steel	Sizes 14-2 through 10-3
Armored cable (BX) — aluminum	Sizes 14-2 through 10-3
MC interlocked (MCI) — steel	.449–.570 diameter
MC interlocked (MCI) — aluminum	.476–.606 diameter
MC corrugated (MCC) — aluminum	.375–.515 diameter
MCAP™ — aluminum*	.370–.580
Flex metal conduit — steel	1/8" trade size
Flex metal conduit — aluminum	3/8" trade size
C-3 clamp acceptable for grounding	

* MCAP™ is a trademark of Southwire Company

Typical Catalog Identification



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Square boxes and accessories

4" square boxes



52171-OW



OW SWING EAR

4" square old-work box with swing ears

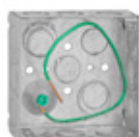
Cat. no.	Description	Std. ctn.
52171-OW	Metallic 4"-sq. x 2½"D old-work box with factory-mounted swing ears	25
OW SWING EAR	Swing ears only (for field installation) with self-threading screws	50 (25 pair)

Square boxes and accessories

4" square boxes



521511234EW



521511234EWGBP



52151-3/4-W



52151 MS 1/2 3/4

52151B1234
B Bracket
mounted flush52171CV 1/2 3/4
CV bracket
mounted flush52151DV12
DV Bracket
provides offset

521711234E



52171 3/4



52171MS 1/2 3/4

52171V 1/2 3/4
SV bracket
mounted flush52151 CV
1/2 3/4
CV bracket
mounted flush

4" square boxes



conduit

Cat. no.	Depth (in.)	Capacity (cu. in.)	Clamps	Brackets	Knockouts (in.)			Std. ctn.
					Each side conduit	Each end conduit	Bottom conduit	
With conduit KOs – welded								
521511234EW	1½	21.0	–	–	2½, 1½, ¾E	2½, 1½, ¾E	3½, 2½, ¾E	50
521511234EWP*	1½	21.0	–	–	2½, 1½, ¾E	2½, 1½, ¾E	3½, 2½, ¾E	50
521511234EWGB (Ground bump)	1½	21.0	–	–	2½, 1½, ¾E	2½, 1½, ¾E	2½, 2½, ¾E	50
521511234EWGBP (Ground bump with 10½" ground wire)	1½	21.0	–	–	2½, 1½, ¾E	2½, 1½, ¾E	2½, 2½, ¾E	50
52151-3/4-W	1½	21.0	–	–	2¾	2¾	3½, 2¾	50
52151 MS 1/2 3/4	1½	21.0	–	MS	2½, 1½, ¾E	2½, 1¾, ¾E	3½, 2½, ¾E	25
52151B1234*	1½	21.0	–	B	2½, 1½, ¾E	2½, 1¾, ¾E	3½, 2½, ¾E	25
52151V 1/2 3/4	1½	21.0	–	SV	2½, 1½, ¾E	2½, 1¾, ¾E	3½, 2½, ¾E	25
52151 CV 1/2 3/4*	1½	21.0	–	CV	2½, 1½, ¾E	2½, 1¾, ¾E	3½, 2½, ¾E	25
521711234E	2⅞	30.3	–	–	2½, 1½, ¾E	2½, 1½, ¾E	3½, 2½, ¾E	50
521711234EP (With 10½" ground wire)	2⅞	30.3	–	–	2½, 1½, ¾E	2½, 1½, ¾E	2½, 2½, ¾E	50
52171 3/4	2⅞	30.3	–	–	2¾	2¾	3½, 2¾	50
52171 1	2⅞	30.3	–	–	21	21	3½, 2¾	50
52171 MS 1/2 3/4*	2⅞	30.3	–	MS	2½, 1½, ¾E	2½, 1½, ¾E	3½, 2½, ¾E	25
52171MSP* (With 10½" ground wire)	2⅞	30.3	–	MS	2½, 1½, ¾E	2½, 1½, ¾E	3½, 2½, ¾E	25
52171B 1/2 3/4	2⅞	30.3	–	B	2½, 1¾, ¾E	2½, 1¾, ¾E	3½, 2¾, ¾E	25
52171V 1/2 3/4	2⅞	30.3	–	SV	2½, 1½, ¾E	2½, 1½, ¾E	3½, 2½, ¾E	25
52171CV 1/2 3/4	2⅞	30.3	–	CV	2½, 1½, ¾E	2½, 1½, ¾E	3½, 2½, ¾E	25
52151DV12*	1½	21.0	–	DV	2½, ¾E	3½, ¾E	3½, ¾E	25
52171CV1234EP (With 10½" ground wire)	1½	21.0	–	DV	2½, ¾E	3½, ¾E	3½, ¾E	25
52171CV34	1½	21.0	–	DV	3¾	2¾	3½, 2¾	25
52171EW-SSX	2⅞	30.3	–	SSX	1½, 1½, ¾E	2½, 1½, ¾E	2½, 2½, ¾E	20

* All bracketed boxes come complete with eccentric knockouts.

Per UL514A, suitable for use without a bonding jumper in circuits above or below 250 volts.

Pigtail wire is #12 AWG insulated, 10½" long.

Square boxes and accessories

4" square boxes



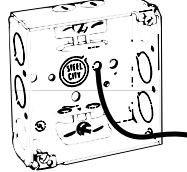
52141-1/2



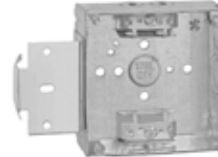
52151 1/2 3/4



52151 X



52151XP



52151 MS X*
MS bracket for 1⁵/₈", 2¹/₂",
3⁵/₈", 4" metal studs



52151 BX* B bracket
mounted flush



52151 VX*
SV bracket
mounted
flush



52151 CVX*
CV bracket
mounted flush



52171X



52171 MSX*
MS bracket for 1⁵/₈", 2¹/₂",
3⁵/₈", 4" metal studs



52171MSXP*



conduit

4" square boxes

Cat. no.	Depth (in.)	Capacity (cu. in.)	Clamps	Brackets	Knockouts (in.)			Std. ctn.
					Each side conduit	Each end conduit	Bottom conduit	
With conduit KOs – drawn								
52141-1/2	1¼	18.0	–	–	2½	3½	5½	50
52151 1/2	1½	21.0	–	–	3½	3½	5½	50
52151-3/4	1½	21.0	–	–	2¾	2¾	3½, 2¾	50
52151 1/2 3/4	1½	21.0	–	–	2½, 1¾	2½, 1¾	3½, 2¾	50
521511234P	1½	21.0	–	–	2½, 1¾	2½, 1¾	3½, 2¾	50
521511234GB	1½	21.0	–	–	2½, 1¾	2½, 1¾	3½, 2¾	50
52151EF-SSX	1½	21.0	–	SSX	1½, 1½, ¾E	2 pryout	2½, 2½, ¾E	20



armored cable

Cat. no.	Depth (in.)	Capacity (cu. in.)	Clamps	Brackets	Knockouts (in.)			Std. ctn.
					Each side conduit	Each end conduit	Bottom conduit	
With armored cable/metal-clad clamps								
52151 X	1½	21.0	C-3	–	2½, 1½, ¾E	2 pryout	1½	50
52151XP (With 10½" ground wire)	1½	21.0	C-3	–	2½, 1½, ¾E	2 pryout	1½	50
52151 MS X*	1½	21.0	C-3	MS	2½, 1½, ¾E	2 pryout	1½	25
52151 BX*	1½	21.0	C-3	B	2½, 1½, ¾E	2 pryout	1½	25
52151 VX*	1½	21.0	C-3	SV	2½, 1½, ¾E	2 pryout	1½	25
52151 CVX*	1½	21.0	C-3	CV	2½, 1½, ¾E	2 pryout	1½	25
52171 X*	2⅛	30.3	C-3	–	2½, 1½, ¾E	2 pryout	1½	25
52171XP (With 10½" ground wire)	2⅛	30.3	C-3	–	2½, 1½, ¾E	2 pryout	1½	25
52171 MSX*	2⅛	30.3	C-3	MS	2½, 1½, ¾E	2 pryout	1½	25
52171MSXP (With 10½" ground wire)	2⅛	30.3	C-3	MS	2½, 1½, ¾E	2 pryout	1½	25
52171BX	2⅛	30.3	C-3	B	2½, 1½, ¾E	2 pryout	1½	25
52171-CVX	2⅛	30.3	C-3	CV-2	1½¾	2 pryout	1½	25

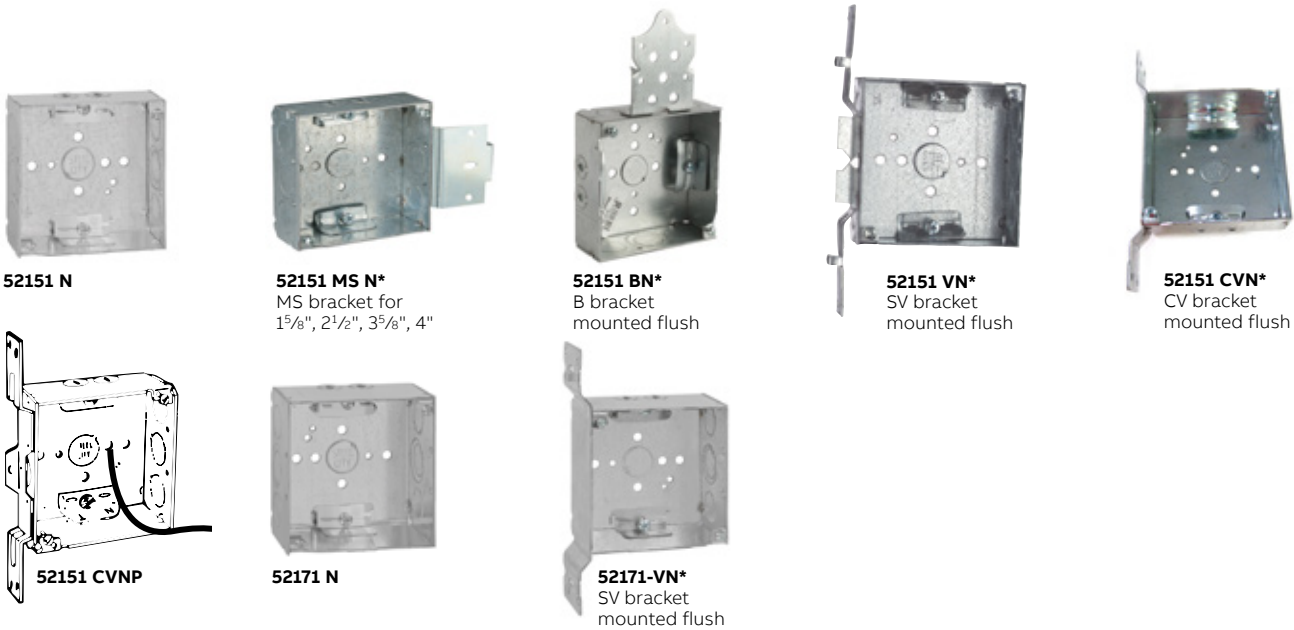
* All bracketed boxes come complete with eccentric knockouts.

Per UL514A, suitable for use without a bonding jumper in circuits above or below 250 volts. Pigtail wire is #12 AWG insulated, 10¹/₂" long.

All 52171 series boxes have a raised ground bump.

Square boxes and accessories

4" square boxes



4" square boxes



Cat. no.	Depth (in.)	Capacity (cu. in.)	Clamps	Brackets	Knockouts (in.)			
					Each side conduit	Each end conduit	Bottom conduit	Std. ctn.
With non-metallic sheathed cable clamps								
52151 N	1½	21.0	C-5	–	2½, 1½, ¾E	2	1½	50
52151 MS N*	1½	21.0	C-5	MS	2½, 1½, ¾E	2	1½	25
52151 BN*	1½	21.0	C-5	B	2½, 1½, ¾E	2	1½	25
52151 VN*	1½	21.0	C-5	SV	2½, 1½, ¾E	2	1½	25
52151 CVN*	1½	21.0	C-5	CV	2½, 1½, ¾E	2	1½	25
52151CVNP*	1½	21.0	C-5	CV	2½, 1½, ¾E	2	1½	25
52171	2⅞	30.3	C-5	–	2½, 1½, ¾E	2	1½	25
52171-VN*	2⅞	30.3	C-5	SV	2½, 1½, ¾E	2	1½	25

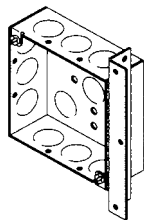
* All bracketed boxes come complete with eccentric knockouts. Per UL514A, suitable for use without a bonding jumper in circuits above or below 250 volts.
Pigtail wire is #12 AWG insulated, 10½" long.

Square boxes and accessories

4" square boxes and thru-wall box



4-SW-MXN



4-SW-AB-1/2

4" square boxes — welded construction



conduit

Cat. no.	Capacity (cu. in.)	Depth (in.)	For non- metallic sheathed cable	For metal- clad cable	Loom clamp for non-metallic sheathed cable with 10/32 deep-slotted screw	NMX clamp for MC, AC/BX or NM cable with 10/32 deep- slotted screw	Angle bracket offset 5/16" from top	Knockouts					Std. ctn.
								Side 1	Side 2	End 1	End 2	Bottom	
4-SW-MXN	21.0	1½	Yes	Yes	No	Yes (2)	No	(2) Loom	(2) Loom	(3) ½"	(3) ½"	(1) ½"	50
4-SW-AB-1/2	21.0	1½	No	No	No	No	Yes	(3) ½"	(3) ½"	(3) ½"	—	(1) ½"	50

Note: All boxes listed above use Steel City 4" square extension rings and 400 series rings and covers.



X1-1/2 & 3/4

4" square thru-wall box

Cat. no.	Depth (in.)	Capacity (cu. in.)	Knockouts (in.)		Std. ctn.
			Each side conduit	Each end conduit	
With conduit KOs					
X1-1/2 & 3/4	1⅞	21.0	2½, 1¾	2½, 1¾	25

4" square two-device box partitions



52 PS 1



52 PS 2



52 PD 1



52 PD 2

4" square box partitions

Cat. No.	Description	Std. ctn.
For 1½" deep box with square-cut tile wall two-device covers		
52 PS 1	For ½", ¾", ⅝" and 1" raised covers	25
52 PS 2	For 1¼", 1½" and 2" raised covers	25
For 2½" deep box with square-cut tile wall two-device covers		
52 PD 1	For ½", ¾", ⅝" and 1" raised covers	25
52 PD 2	For 1¼", 1½" and 2" raised covers	25

4" square two-device box wall rings



401-CS

4" square wall rings

Cat. no.	Capacity (cu. in.)	Description	Std. ctn.
401-CS	1.0	¼" raised — 4" square Open plaster ring with ears. Ears tapped 8/32–2 ³ / ₃₂ " on centers. Special screw lock feature in slots*	25

*Fits any Steel City 4" square outlet box or extension ring.

Square boxes and accessories

4" square industrial device covers



472-25R



475

4" square industrial device covers

Cat. no.	Description	Std. ctn.
472-25R	1/8" raised — 4" square For two duplex receptacles. Each cover individually packaged with the necessary mounting screws*	25
475	1/8" raised — 4" square For two single receptacles. Openings 1.4" diameter. Each cover individually packaged with the necessary mounting screws*	25

*Fits any Steel City 4" square outlet box or extension ring.

4" square extension rings



53151 1/2



53151 1/2 3/4



53151 3/4



531511234UB**



531711234*



53171 1



conduit

4" square extension rings

Cat. no.	Knockouts (in.)		Std. ctn.
	Each side conduit	Each end conduit	
1½" deep — with conduit KOs — 21.0 cubic inch capacity			
53151 1/2	3½	3½	50
53151 3/4	2¾	2¾	25
53151 1/2 3/4	2½, 1¾	2½, 1¾	50
531511234UB**	2½, 1¾, ¾E	2½	50
2½" deep — with conduit KOs — 30.3 cubic inch capacity			
531711234*	2½, 1½, ¾E	2½, 1¾	25
53171 1	21	21	25

* Per UL 514-A, suitable for use without a bonding jumper in circuits above or below 250 volts.

** ECC, KOs on sides.

4" square covers



52 C 1



52C3-25



52C3 1/2-25



52 C 3 1



52 C 3 3/4



52 C 6

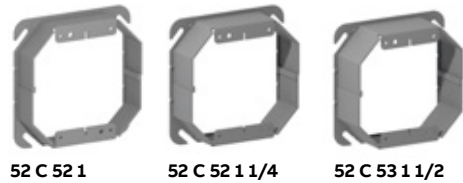
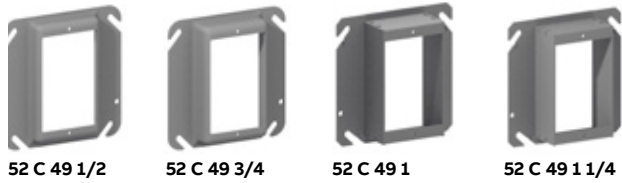
4" square covers



Cat. no.	Raised (in.)	Description	Capacity (cu. in.)	Std. ctn.
52 C 1	—	Flat, blank	—	100
52-C-3-25	5/8	Center blanked with tapped ears on 2 3/4" centers	4.3	25
52-C-3-1/2-25	1/2		3.5	25
52-C-3-3/4	3/4	Center blanked with tapped ears on 2 23/32" centers	4.3	25
52 C 3 1	1		5.8	25
52-C-3-1-1/4	1 1/8		7.3	25
52 C 6	—	Flat, with 1/2" KO	—	100

Square boxes and accessories

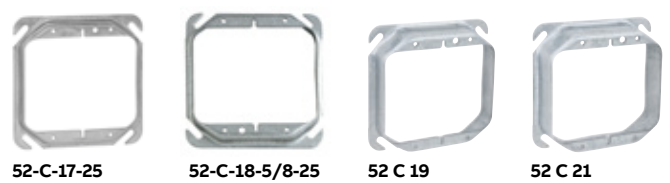
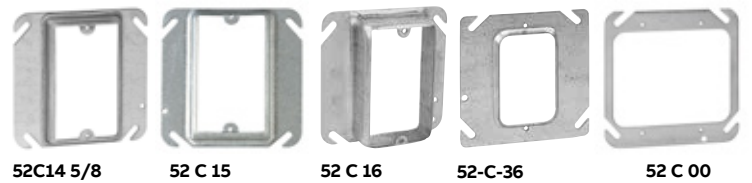
4" square mud ring covers and 4" square device covers



4" square mud ring covers

Cat. no.	Raised (in.)	Capacity (cu. in.)	Std. ctn.
For single device — steel			
52 C 49 1/2*	1/2	3.5	50
52 C 49 3/4*	3/4	5.3	50
52 C 49 1*	1	7.0	10
52 C 49 1 1/4	1 1/4	9.3	10
52C5011/2 25	1 1/2	11.0	25
52C512 25	2	14.8	25
For two devices — steel			
52 C 52 1/2	1/2	6.0	10
52 C-52-3/4	1/4	9.0	10
52 C 52 1	1	12.5	10
52 C 52 1 1/4	1 3/4	15.5	10
52 C 52 5/8	5/8	8.5	10
52 C 53 1 1/2	1 1/2	19.0	10
52 C 54 2	2 35/64	25.5	10

* Drawn style.

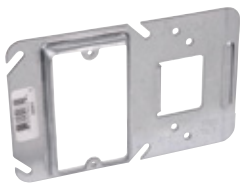


4" square device covers

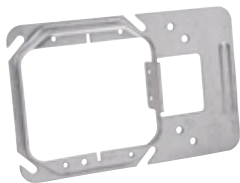
Cat. no.	Raised (in.)	Description	Capacity (cu. in.)	Std. ctn.
For single device — steel				
52 C 0	—	Flat	—	25
52 C 62	1/4	Keyed for plaster	1.5	25
52 C 10	1/4	Offset, keyed for plaster	1.0	25
52 C 13	1/2	—	3.0	50
52 C 14	3/4	—	5.0	50
52 C 14 5/8	5/8	Raised 5/8" for drywall	4.0	50
52 C 15	1	—	7.0	25
52 C 16	1 1/4	—	8.3	25
52-C-36	1/4	For drywall construction	1.0	25
For two devices				
52 C 00	—	Flat	—	25
52C20-25	1/4	—	2.3	25
52-C-17-25	1/2	—	6.3	25
52 C 18	3/4	—	9.0	25
52-C-18-5/8-25	5/8	For drywall construction	7.3	25
52 C 19	1	—	12.0	25
52 C 21	1 1/4	—	15.0	25
52 C 53 1 1/2	1 1/2	—	19.0	10
52 C 54 2	2 35/64	—	25.5	10

Square boxes and accessories

Box support covers



52CM13



52CMD17

Box support covers

Cat. no.	Raised (in.)	# of devices	Capacity (cu. in.)	Std. ctn.
52CM13	1/2	1	3.0	25
52CM14-5/8	5/8	1	4.0	25
52CM14	3/4	1	5.0	25
52CMD17	1/2	2	6.3	25
52CMD18-5/8	5/8	2	7.3	25

Steel City box support covers combine a box-to-stud mounting bracket with a device cover in one, easy-to-use product. Designed for use with 4" square boxes, Steel City box support covers can be used with both steel and wood studs.

Features and benefits:

- Combines cover and bracket in one component
- Available in one- and two-device versions
- 1/2", 5/8" and 3/4" raised covers
- Speeds installation time
- Needs no far side support
- Can be used with both steel and wood stud
- Can be used without a box as a low voltage device support
- UL and CSA Listed (UL File #E2969, CSA File #LR5043)

4" square surface covers



RS 4



RS 1



RS 2



RS 3



RS 5



RS 8



RS 9



RS 10



RS 11



RS 12



RS 13



RS 14



RS 15



RS-16-CC



RS-17-CC



RS-18-CC



RS-19-CC

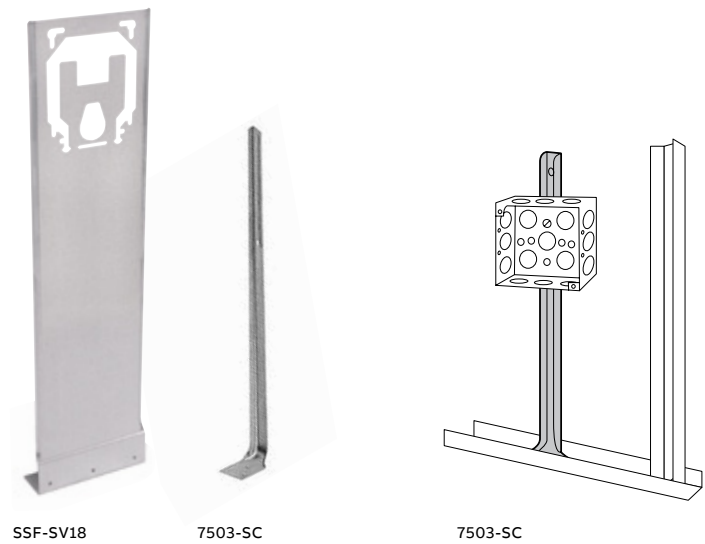
4" square surface covers

Cat. no.	Depth (in.)	Capacity (cu. in.)	Dia. hole (in.)	Description	Std. ctn.
RS 1	1/2	5.0	1 ¹³ / ₃₂	For one toggle switch and one single flush receptacle	50
RS 2*	1/2	5.0	—	For one toggle switch and one duplex flush receptacle	50
RS 3*	1/2	5.0	1 ¹³ / ₃₂	For one single and one duplex flush receptacle	50
RS 4	1/2	5.0	1 ¹⁹ / ₃₂	For one 4-wire twist-lock single receptacle	50
RS 5	1/2	5.0	—	For two toggle switches	50
RS 8*	1/2	5.0	—	For two duplex, flush receptacles	50
RS 9	1/2	5.0	—	For one toggle switch	50
RS 10	1/2	5.0	1 ¹³ / ₃₂	For two single, flush receptacles	50
RS 11	1/2	5.0	1 ¹³ / ₃₂	For one single, flush receptacle	50
RS 12*	1/2	5.0	—	For one duplex, flush receptacle	50
RS 13	1/2	5.0	2 ⁵ / ₃₂	For one 30 or 50 amp. dryer or range receptacle	50
RS 14	1/2	5.0	2 ¹⁵ / ₃₂	—	50
RS 15	1/2	5.0	1 ³ / ₄	For #3330-30A 250 V twist-lock receptacle	50
RS-16-CC	1/2	5.0	—	For one ground fault receptacle	50
RS-17-CC	1/2	5.0	—	For two ground fault receptacles	50
RS-18-CC	1/2	5.0	—	For one ground fault receptacle and one toggle switch	50
RS-19-CC*	1/2	5.0	—	For one ground fault receptacle and one duplex receptacle	25

Remove portion of G.F.I. receptacle ear to mount receptacle to cover. Screws captivated.

Square boxes and accessories

Brackets

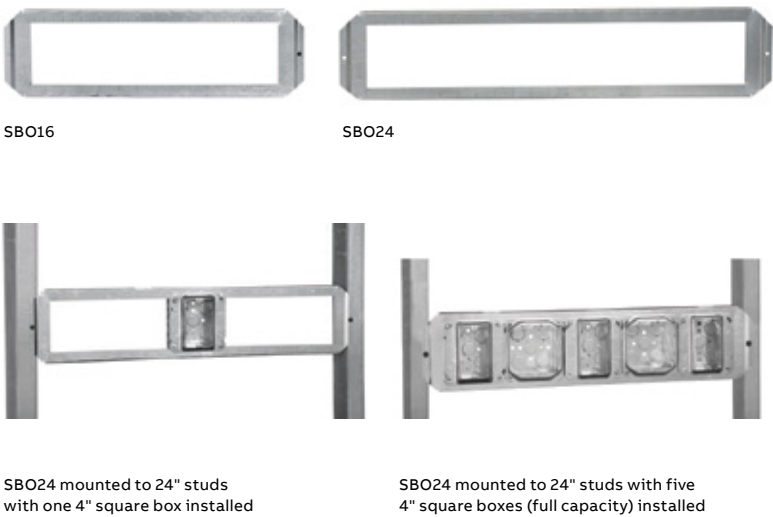


SSF-SV12 and SSF-SV18 extension plate bracket

- Improved bracket with bendable stabilizer leg for use on 2½" and 3½" metal studs
- Mounts outlet boxes 12" or 18" offset from either a metal stud track or a stud
- When mounted, drywall ring is brought to within ⅛" of drywall every time and will not budge or break out drywall
- Mounts 4" or 4¼" outlet boxes, 1½" or 2⅞" deep
- SV18 provides compliance with Americans with Disabilities Act (ADA) requirements

Extension plate bracket and floor-mounted box support

Cat. no.	Description	Std. pkg. qty.
SSF-SV12	Extension plate bracket, 12" height	50
SSF-SV18	Extension plate bracket, 18" height	50
7503-SC	Floor-mounted footed box support, 30" height	50



Stud-to-stud mounting brackets

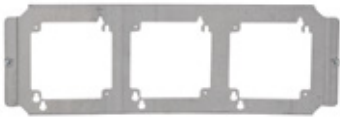
- Constructed of 24-gauge steel
- Pre-measured on center for 16" (SBO16) or 24" (SBO24) stud spacing
- SBO16 accepts three 4" square or two 4¼" boxes (deep or shallow)
- SBO24 accepts five 4" square or four 4¼" boxes (deep or shallow)
- Can be mounted at any height to meet individual project requirements
- Versatile, open design enables mounting of box in any location across horizontal plane between studs
- Device cover (mud ring) mounts to front of bracket to set box in desired location
- Stamped rule on bracket with ¼", ½", and 1" markings

Stud-to-stud mounting brackets

Cat. no.	Description	Std. pkg. qty.
SBO16	16" Stud-to-stud horizontal mounting bracket	25
SBO24	24" Stud-to-stud horizontal mounting bracket	25
SBOADJ	12" to 25" Adjustable horizontal mounting bracket	25

Square boxes and accessories

Mounting brackets



H16S



H24S

Stud-to-stud mounting brackets — Fixed box position

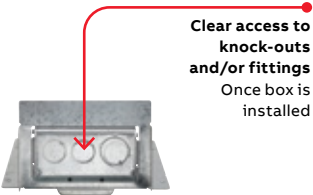
- Supports electrical boxes, plaster rings or low-voltage devices from one bracket
- Accommodates 4" or 4¹/₁₆" boxes
- Bendable leg serves as a bracket stabilizer
- SB brackets allow box mounting in all four 90° orientations

Stud-to-stud mounting brackets — Fixed box position

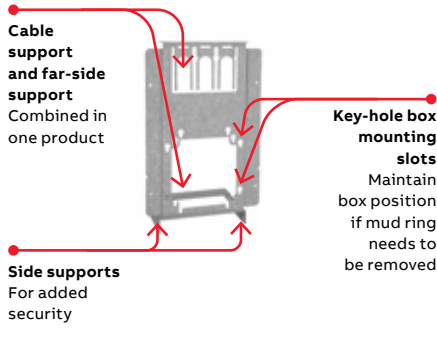
Cat. no.	Description	Std. pkg. qty.
H16S	Box mounting bracket for between studs, 16" stud spacing	25
H24S	Box mounting bracket for between studs, 24" stud spacing	25



Can be mounted either left or right of the stud



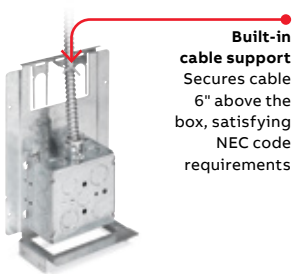
Bottom view of bracket with box installed



Cable support and far-side support
Combined in one product

Key-hole box mounting slots
Maintain box position if mud ring needs to be removed

Side supports
For added security



Built-in cable support
Secures cable 6" above the box, satisfying NEC code requirements

Back view of bracket with box, fitting and cable installed

Box-to-stud mounting bracket with far-side and cable support Three products in one.

- The savings can add up, particularly on a large job, when a box bracket, far-side support and cable support are combined in one product to reduce your labor and inventory costs. It is designed for maximum flexibility with flanges for either left or right stud mount, and compatibility with both 4" and 4¹/₁₆" boxes.
- Built-in cable support secures cable 6" above the box, satisfying NEC code requirements
 - Flexible design accommodates both 4" and 4¹/₁₆" boxes
 - Key-hole box mounting slots maintain box position if mud ring needs to be removed
 - Provides clear access to knockouts once the box is installed for installation of fittings
 - Mounts to either side of the stud

Box-to-stud mounting bracket with far-side and cable support

Cat. no.	Description	Std. pkg. qty.
SSF-SH2346-CS	Pre-fab box bracket with far-side and cable support	50

Square boxes and accessories

Mounting brackets



SSF-SH2346

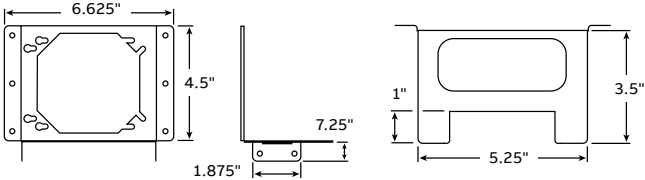
Box-to-stud mounting bracket

- Attaches 4" and 4¹¹/₁₆" electrical boxes to metal stud
- Support leg can be attached to stud to eliminate movement of box in wall
- Attaches to metal or wood stud using self-tapping screws and screw gun or nails
- One part mounts boxes for 1½", 2½", 3½", 4" and 6" studs, reducing inventory

Box-to-stud mounting bracket

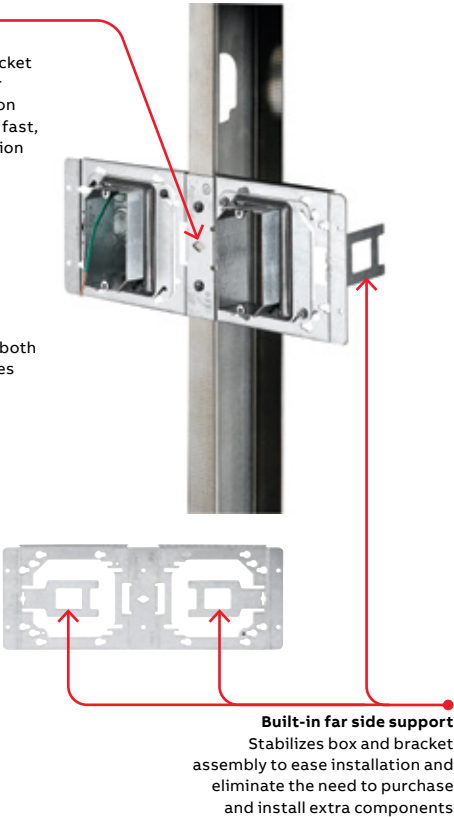
Cat. no.	Description	Std. pkg. qty.
SSF-SH2346	Bracket for mounting 4" or 4 ¹¹ / ₁₆ " box to 1½", 2½", 3½", 4" or 6" stud	100

Diagrams



Locator hole
In mounting bracket enables installer to position box on marked stud for fast, precise installation

Accommodates both 4" and 4¹¹/₁₆" boxes



Dual box-to-stud mounting bracket

One component replaces two, reducing both material and labor costs.



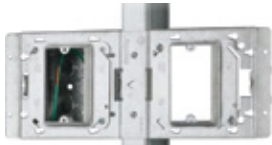
Power on both sides of the stud



Low voltage on both sides of the stud



Power and low voltage on the same side of the stud



Power left of the stud
Low voltage right of the stud

Dual box-to-stud mounting bracket



Cat. no.	Description	Std. pkg. qty.
DBB1	Pre-fab dual box bracket	50

Square boxes and accessories

Fire alarm boxes and fittings



52171-1234RD



72171-1234RD



52171-EXTRD



52-C-1RD



52151-1234RD



52171-EXTOWRD



53171-1234RD



521911234RD



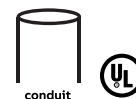
521911234CVRD



82181-1234-RD

Easy to identify and install.

Steel City fire alarm boxes and fittings can meet all of your visual identification requirements for fire alarm systems — and make installation and upgrades faster and easier than ever before. Available in a variety of sizes to accommodate new or old work configurations, these boxes are simple to install with high-quality ABB fittings. Plus the bright red finish eliminates time-consuming painting of existing fixtures and provides long-lasting identification in even the harshest environments.



Fire alarm boxes

Cat. no.	Description	Brkts.	Each side KO	Each end KO	Bottom KO	Cu. inch capacity	Std. pkg. qty.
52171-1234RD	2 1/8"-deep 4-square red box	—	2 1/2", 1 1/2" & 3/4"E	2 1/2", 1 1/2" & 3/4"E	3 1/2", 2 1/2" & 3/4"E	30.3	50
5217134RD	2 1/8" deep, 4-square red box	—	2 3/4"	2 3/4"	3 1/2", 2 3/4"	30.3	50
52151-1234RD	1 1/2"-deep drawn red box	—	2 1/2", 1 3/4"	2 1/2", 1 3/4"	3 1/2", 2 3/4"	21	50
72171-1234RD	2 1/8"-deep 4 1 1/8" red box	—	3 1/2" & 3/4"E	3 1/2" & 3/4"E	3 1/2", 2 1/2" & 3/4"E	42	20
52171-EXTRD	2 1/8"-deep 4-square red box with ext. ring	—	4 1/2", 2 1/2" & 3/4"E	4 1/2", 2 1/2" & 3/4"E	3 1/2", 2 1/2" & 3/4"E	60.6	25
52171-EXTOWRD	2 1/8"-deep 4-square red box with ext. ring and old work ears	EARS	4 1/2", 2 1/2" & 3/4"E	4 1/2", 2 1/2" & 3/4"E	3 1/2", 2 1/2" & 3/4"E	60.6	25
52-C-1RD	Flat 4-square red cover	—	—	—	—	—	100
52C14-5/8RD	Raised 5/8" for drywall	—	—	—	—	—	50
53171-1234RD	2 1/8"-deep 4-square red extension ring	—	2 1/2", 1 1/2" & 3/4"E	2 1/2", 1 1/2" & 3/4"E	—	30.3	25
531511234RD	1 1/2"- deep 4"- square red extension ring	—	2 1/2" & 1 3/4"	2 1/2" & 1 3/4"	—	21	50
521911234RD	3 1/2"- deep, 4"- square red box	—	(4) 1/2" and 3/4" combo	(2) 1/2" and 3/4" combo	(4) 1/2" and 3/4" combo	46	24
521911234CVRD	3 1/2"- deep, 4"- square red box with side mounting bracket	CV	(4) 1/2" and 3/4" combo	(2) 1/2" and 3/4" combo	(4) 1/2" and 3/4" combo	46	10
82181-1234-RD	2 7/8"- deep, 5"- square fire signal red box	—	(3) 1/2" and 3/4" combo	(3) 1/2" and 3/4" combo	(3) 1/2" and 3/4" combo	67	20



TK122A-FA



TK121A-FA



TC122A-FA



TC121A-FA

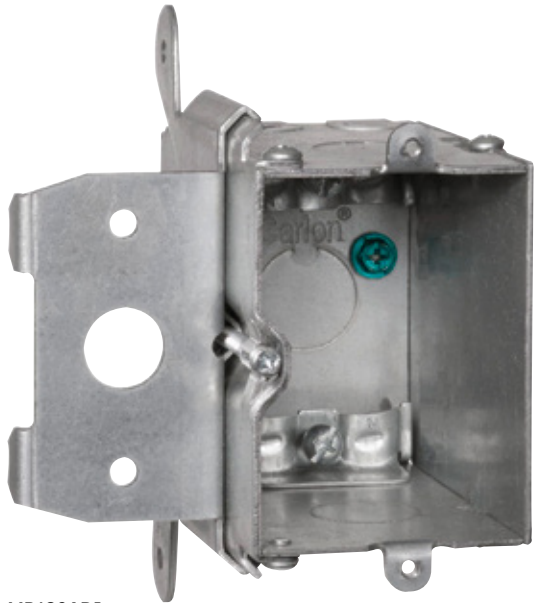
Fire alarm fittings



Cat. no.	Description	Std. pkg. qty.
TC121A-FA	1/2" Red steel EMT set screw connector	50
TC122A-FA	3/4" Red steel EMT set screw connector	50
TC123A-FA	1" Red steel EMT set screw connector	25
TC721A-FA	1/2" Red insulated steel EMT set screw connector	50
TC722A-FA	3/4" Red insulated steel EMT set screw connector	50
TC723A-FA	1" Red insulated steel EMT set screw connector	25
TK121A-FA	1/2" Red steel EMT set screw coupling	50
TK122A-FA	3/4" Red steel EMT set screw coupling	50
TK123A-FA	1" Red steel EMT set screw coupling	25

Switch boxes and accessories

Adjust-A-Box®



MB120ADJ

Easy depth adjustment after wall covering installation.

The Adjust-A-Box® system adapts to a variety of wall coverings. Its unique design enables the installer to adjust the box to various depths with the turn of a screw.

Features and benefits:

- Unique design allows for adjustment of depth after the wall covering has been installed
- Adjusts to any wall covering
- Mounts square and secure every time
- Removes easily to enable inner-wall access
- Accommodates high- and low-voltage applications
- Pre-installed ground screw
- Accommodates non-metallic cable, flexible metal cable and EMT

Installation:

01 Screw bracket to stud

02 Adjust box in or out to any wall thickness

01



Single-gang



Two-gang

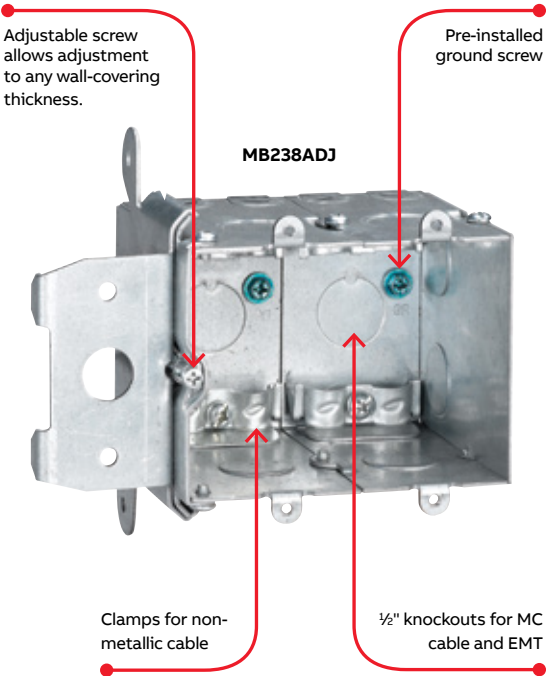
02



Single-gang



Two-gang



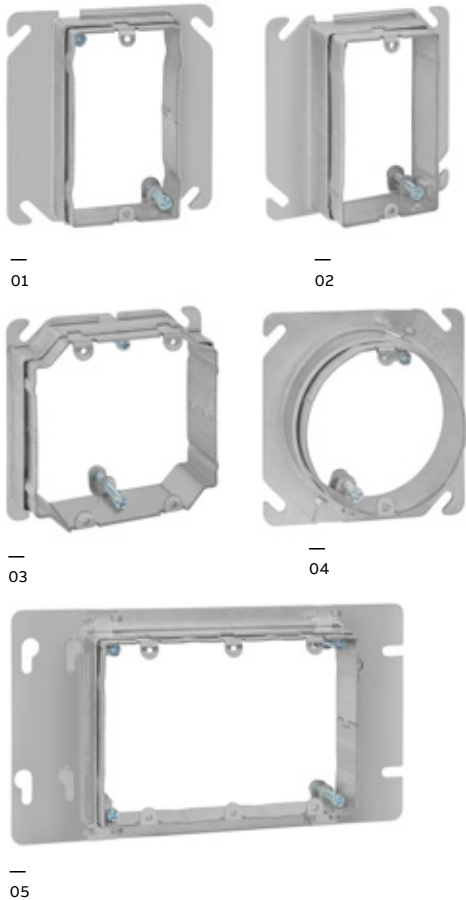
Pre-Fab box bracket with far-side and cable support

Cat. no.	Volume (cu. in.)	Description	Knockouts	Size (in.)	Std. ctn.	Std. wt. (lbs.)
MB120ADJ	20	One-gang adjustable wall box	1/2" (5)	2.20W x 3.28H x 3.52D	18	19.25
MB238ADJ	38	Two-gang adjustable wall box	1/2" (8)	4.01W x 3.28H x 3.52D	12	17.60

Square boxes and accessories

Adjustable mud rings

- 01 52CADJ1510
- 02 52CADJ1612
- 03 52CADJ2512
- 04 54CADJ612
- 05 52CADJ3612



A quick, easy solution for a common rough-in problem.

Now there's a quick and economical way to ensure that stud-mounted outlet boxes fit flush with finished drywall, plaster or ceramic tile. New Steel City® adjustable mud rings have an inner ring that adjusts in depth to accommodate various drywall thicknesses. The inner ring can be set to the anticipated depth and then easily adjusted after drywall installation.

Features and benefits

- Single mud ring can replace multiple SKUs for different depths
- Available in models for one-gang, two-gang, three-gang and round boxes
- Mount to any standard 4"-square 2⅞" deep outlet box, such as Steel City 521711234E
- Accepts industry-standard devices, including GFCIs
- Pre-galvanized steel construction
- UL listed component
- Not intended for 1½" deep boxes

Adjustable mud ring installation and adjustment

- 1 Mount mud ring to steel box.
- 2 Move mud ring in or out using adjustment screws. No loosening or tightening required.
- 3 Adjustment screws are accessible after device is in place for easy fine tuning.

Adjustable mud rings



Catalog no.	Description	Std. ctn.
52CADJ1510	Single-gang, shallow, ⅝" to 1¼" adjustment depth	25
52CADJ1612	Single-gang, deep, ¾" to 1½" adjustment depth	25
52CADJ2512	Two-gang adjustable mud ring, ⅝" to 1¼" adjustment depth	25
52CADJ3612	Three-gang adjustable mud ring, ¾" to 1½" adjustment depth	25
54CADJ612	4" round adjustable mud ring, ¾" to 1½" adjustment depth	25

Square boxes and accessories

Adjustable mud ring



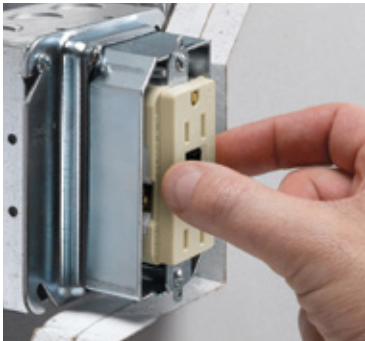
U.S.-made single-gang adjustable mud ring
Mud ring features an inner ring that adjusts from 1/2" to 1 1/2" in depth to accommodate various drywall thicknesses. Marked with a measured rule and equipped with two adjustment screws, the inner ring can be set to the anticipated depth prior to installation and then easily adjusted after drywall installation to accommodate any variation in depth (1/2" to 1 1/2").

Adjustable mud ring installation/adjustment steps:

- 01 **Loosen...**
The two adjustment screws located on opposing corners of the mud ring.
- 02 **Adjust...**
Inner ring to be flush with wall surface.
- 03 **Re-tighten...**
Adjustment screws.



01



02



03

Adjustable mud ring

Cat. no.	Description	Std. ctn.
52-C-ADJ	Single-gang adjustable mud ring, 1/2" to 1 1/2"	25

Square boxes and accessories

4¹¹/₁₆" square boxes



72171 MS 1/2 & 3/4
MS bracket for 1⁵/₈",
2¹/₂", 3³/₈", 4" metal
studs

72151-1/2 & 3/4-E

72171-1/2 & 3/4-E

72171 1

72171 3/4 1

72171 1 1/4

72171CV 1/2 & 3/4

5-SDW-FB-1

4¹¹/₁₆" square boxes



conduit

Cat. no.	Depth (in.)	Capacity (cu. in.)	Each side conduit (in.)	Each end conduit (in.)	Bottom conduit (in.)	Std. ctn.
With conduit KOs						
72151-1/2 & 3/4-E*	1 ¹ / ₂	29.5	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	2- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	2- ¹ / ₂ ", 3/4"-E, 4- ¹ / ₂ "	20
72151 MS 1/2 3/4	1 ¹ / ₂	29.5	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	2- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	2- ¹ / ₂ ", 2-3/4- ³³ / ₆₄ ", 4- ¹ / ₂ "	25
72151MSP	2 ¹ / ₈	42.0	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	3- ¹ / ₂ ", 2- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	25
72171-1/2 & 3/4-E*	2 ¹ / ₈	42.0	3- ¹ / ₂ " and 3/4"-E	3- ¹ / ₂ " and 3/4"-E	2- ¹ / ₂ ", 3/4"-E, 3- ¹ / ₂ "	20
72171 3/4 1*	2 ¹ / ₈	42.0	1- ³ / ₄ ", 1-1"	1- ³ / ₄ ", 1-1"	3- ¹ / ₂ ", 3- ³ / ₄ ", 2-1"	20
72171 1	2 ¹ / ₈	42.0	2-1"	2-1"	3- ¹ / ₂ ", 2- ³ / ₄ "	20
72171 1 1/4*	2 ¹ / ₈	42.0	2-1 ¹ / ₄ "	1-1 ¹ / ₄ "	3- ¹ / ₂ ", 2- ³ / ₄ "	20
72171 MS 1/2 3/4*	2 ¹ / ₈	42.0	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	2- ¹ / ₂ ", 3/4- ³³ / ₆₄ ", 3- ¹ / ₂ "	25
72171CV 1/2 3/4*	2 ¹ / ₈	42.0	2- ¹ / ₂ ", 1- ³ / ₄ "	2- ¹ / ₂ ", 1- ³ / ₄ "	3- ¹ / ₂ ", 2- ³ / ₄ "	25
5-SDW-FB-1	2 ¹ / ₈	42.0	2-1"	2-1"	3- ¹ / ₂ ", 2- ³ / ₄ "	25



armored cable

Cat. no.	Depth (in.)	Capacity (cu. in.)	Each side conduit (in.)	Each end conduit (in.)	Bottom conduit (in.)	Std. ctn.
With armored cable clamps						
72151MSX	1 ¹ / ₂	29.5	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	2- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	2- ¹ / ₂ ", 2-3/4- ³³ / ₆₄ ", 4- ¹ / ₂ "	25
72151MSXP	1 ¹ / ₂	29.5	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	2- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	2- ¹ / ₂ ", 2-3/4- ³³ / ₆₄ ", 4- ¹ / ₂ "	25
72171MSX	1 ¹ / ₂	29.5	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	3- ¹ / ₂ ", 2- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	25
72171MSXP	2 ¹ / ₈	42.0	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	3- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	3- ¹ / ₂ ", 2- ¹ / ₂ ", 3/4- ³³ / ₆₄ "	25

Per UL 514-A, suitable for use without a bonding jumper in circuits above or below 250 volts.



73151 1/2 and 3/4

73171 1/2 and 3/4

73171 1

4¹¹/₁₆" square box extension rings

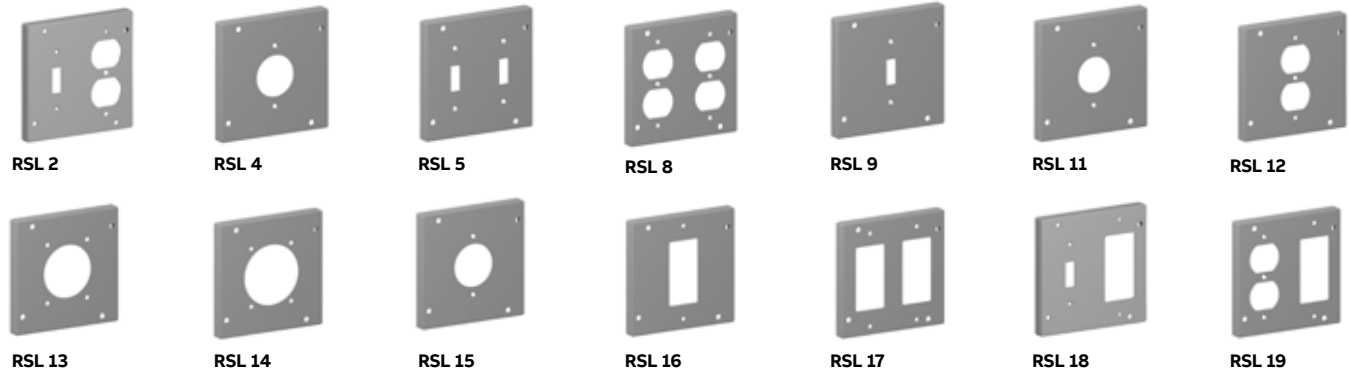


conduit

Cat. no.	Depth (in.)	Capacity (cu. in.)	Knockouts (in.)		Std. ctn.
			Each side conduit	Each end conduit	
With conduit KOs					
73151 1/2 3/4*	1½	29.5	2½, 1¼	2½, 1¼	20
73171 1/2 3/4*	2⅛	42.0	2½, 1¼	2½, 1¼	20
73171 1	2⅛	42.0	21	21	20

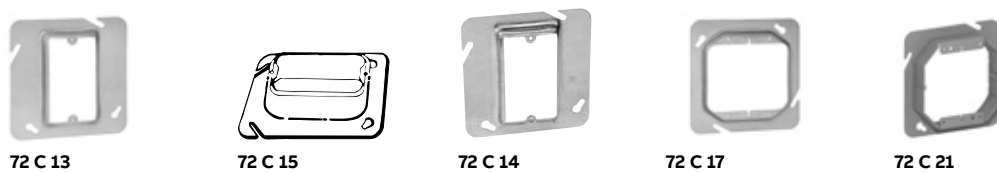
Square boxes and accessories

4¹¹/₁₆" square surface and device covers



4¹¹/₁₆" square surface covers

Cat. no.	Depth (in.)	Capacity (cu. in.)	Dia. hole (in.)	Description	Std. ctn.
RSL 2	1/2	7.5	–	For one toggle switch and one duplex flush receptacle	10
RSL 4	1/2	7.5	1 5/8	For one 4-wire twist-lock single receptacle	10
RSL 5	1/2	7.5	–	For two toggle switches	10
RSL 8	1/2	7.5	–	For two duplex, flush receptacles	10
RSL 9	1/2	7.5	1 5/32	For one toggle switch	10
RSL 11	1/2	7.5	1 13/32	For one single, flush receptacle	10
RSL 12	1/2	7.5	–	For one duplex, flush receptacle	10
RSL 13	1/2	7.5	2 5/32	For one 30A to 50A dryer or range receptacle	10
RSL 14	1/2	7.5	2 5/32	–	10
RSL 15	1/2	7.5	1 3/4	For #3330–30A 250 V twist-lock receptacle	10
RSL 16	1/2	7.5	–	For one ground fault receptacle	10
RSL 17	1/2	7.5	–	For two ground fault receptacles	10
RSL 18	1/2	7.5	–	For one ground fault receptacle and one toggle switch	10
RSL 19	1/2	7.5	–	For one ground fault receptacle and one duplex receptacle	10



4¹¹/₁₆" square device covers

Cat. no.	Depth (in.)	Capacity (cu. in.)	Std. ctn.
For single device			
72 C 62	1/4	1.0	25
72 C 13	1/2	3.0	25
72 C 14	3/4	5.0	25
72 C 14 5/8	5/8	4.0	25
72 C 15	1	7.0	10
72 C 16	1 1/4	8.3	10
For two devices			
72 C 17	1/2	6.3	25
72 C 18	3/4	9.0	25
72 C 18 5/8	5/8	7.5	25
72 C 19	1	12.0	25
72 C 21	1 1/4	15.0	25

Square boxes and accessories

4¹¹/₁₆" square-cut tile wall covers and industrial device covers



72 C 49 1/2



72 C 49 1



72 C 51 2



72 C 52 1/2



72 C 52 1



72 C 54 2

4¹¹/₁₆" square-cut tile wall covers

Cat. no.	Depth (in.)	Capacity (cu. in.)	Std. ctn.
For single device — steel			
72-C-49-1/2	1/2	3.5	10
72 C 49 3/4	3/4	5.3	10
72-C-49-1	1	7.0	10
72-C-49-1-1/4	1 1/4	7.0	10
72 C 50 1 1/2	1 1/2	9.0	10
72 C 51 2	2	14.5	20
For two devices — steel			
72-C-52-1/2	1/2	6.0	10
72 C 52 3/4	3/4	9.0	10
72-C-52-1	1	12.5	25
72-C-52-1-1/4	1 1/4	15.5	25
72 C 53 1 1/2	1 1/2	19.0	10
72 C 54 2	2	25.5	10

Vapor-tight boxes



52151-SVT



52C1-VT



52171-SVT



72171-SVT



54151-VT

Features and benefits:

- All KOs pressed flush with still easy to remove
- No holes anywhere
- Top edge of boxes are flush at ears so gasket seals out all air

Vapor-tight boxes



conduit

Cat. no.	Description	Depth	Std. ctn.
52151-SVT	4" square box, 1/2" and 3/4" KO side and bottom	1 1/2"	50
52C1-VT	4" square blank cover with gasket	Flat	50
52171-SVT	4" square box, 1/2" and 3/4" KO side and bottom	2 1/8"	25
72171-SVT	4 ¹¹ / ₁₆ " square box, 1/2" and 3/4" KO side and bottom	2 1/8"	25
54151-VT	4" octagon box, 1/2" KO side and bottom	1 1/2"	50

Square boxes and accessories

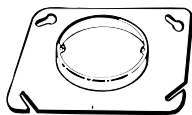
4¹¹/₁₆" square covers, rings, tile rings and box partitions



72 C 1



72 C 6



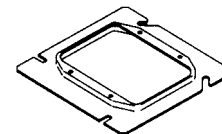
72 C 3



601-CD



604-F



604-B

4¹¹/₁₆" square covers

Cat. no.	Capacity (cu. in.)	Raised (in.)	Description	Std. ctn.
72 C 1	—	—	Flat blank	50
72 C 6	—	—	Flat with 1/2" KO	25
72 C 3	3.5	5/8	Center blanked with	10
72-C-3-1/2	3.0	1/2	tapped ears on	25
72-C-3-3/4	4.3	3/4	2 ²³ / ₃₂ " centers	10
72-C-3-1	5.8	1		25

4" square rings and covers

Cat. no.	Capacity (cu. in.)	Description	Std. ctn.
601-CD	8.8	1 1/4" raised — 4¹¹/₁₆" square Open plaster ring with ears. Ears tapped 8/32–2 ²³ / ₃₂ " on centers. Special screw lock feature in slots*	25
604-F	—	Flat — 4¹¹/₁₆" square For two switches or receptacles*	25
604-B	2.8	1/4" raised — 4¹¹/₁₆" square For two switches or receptacles*	25

*Fits any Steel City 4¹¹/₁₆" square outlet box or extension ring.



608-C

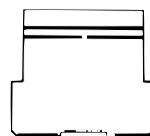
4¹¹/₁₆" square tile rings

Cat. no.	Capacity (cu. in.)	Description	Std. ctn.
608-C	12.5	1" raised — 4¹¹/₁₆" square For two switches or receptacles*	10

*Fits any Steel City 4¹¹/₁₆" square outlet box or extension ring.



72 PS 1



72 PS 2



72 PD 1



72 PD 2

4¹¹/₁₆" square box partitions

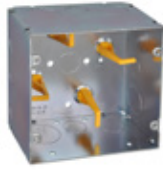
Cat. no.	Description	Std. ctn.
For 1 1/4" deep box with square-cut tile wall — two-device covers		
72 PS 1	For 1/2", 3/4", 5/8" and 1" raised covers	25
72 PS 2	For 1 1/4", 1 1/2" and 2" raised covers	25
For 2 1/8" deep box with square-cut tile wall — two-device covers		
72 PD 1	For 1/2", 3/4", 5/8" and 1" raised covers	25
72 PD 2	For 1 1/4", 1 1/2" and 2" raised covers	25

Square boxes and accessories

Telecommunication boxes and fire signal boxes



82181T-1-114



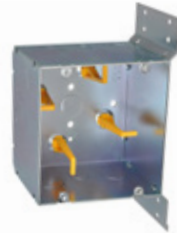
82181T-1234-1



82181T-1



82181T-1-114-CV



82181T-1234-1-CV



82181T-1-CV

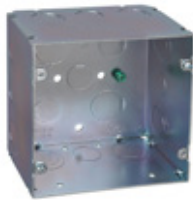
5 SQUARE telecommunication boxes

Cat. no.	Bracket	Knockouts	Std. ctn. qty.
2 7/8" deep, 64 cubic inches, cable management posts			
82181T-1-114	—	Four sides: (1) 1" and (1) 1 1/4"; back: (1) 1/2"	20
82181T-1234-1	—	Four sides: (1) 1/2", (1) 3/4" and (1) 1"; back: (1) 1/2"	20
82181T-1	—	Four sides: (2) 1"; back: (1) 1/2"	20
82181T-1-114-CV	CV	Three sides: (1) 1" and (1) 1 1/4"; back: (1) 1/2"	20
82181T-1234-1-CV	CV	Three sides: (1) 1/2", (1) 3/4" and (1) 1"; back: (1) 1/2"	20
82181T-1-CV	CV	Three sides: (2) 1"; back: (1) 1/2"	20

NOTE: Use on Class 2 and Class 3 remote control, signaling and power-limited circuits only.



82181-12-1



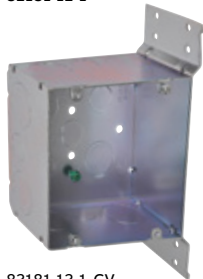
82181-1234



82181-1234-1



82181-1234-RD



82181-12-1-CV



82181-1234-CV



82181-1234-1-CV



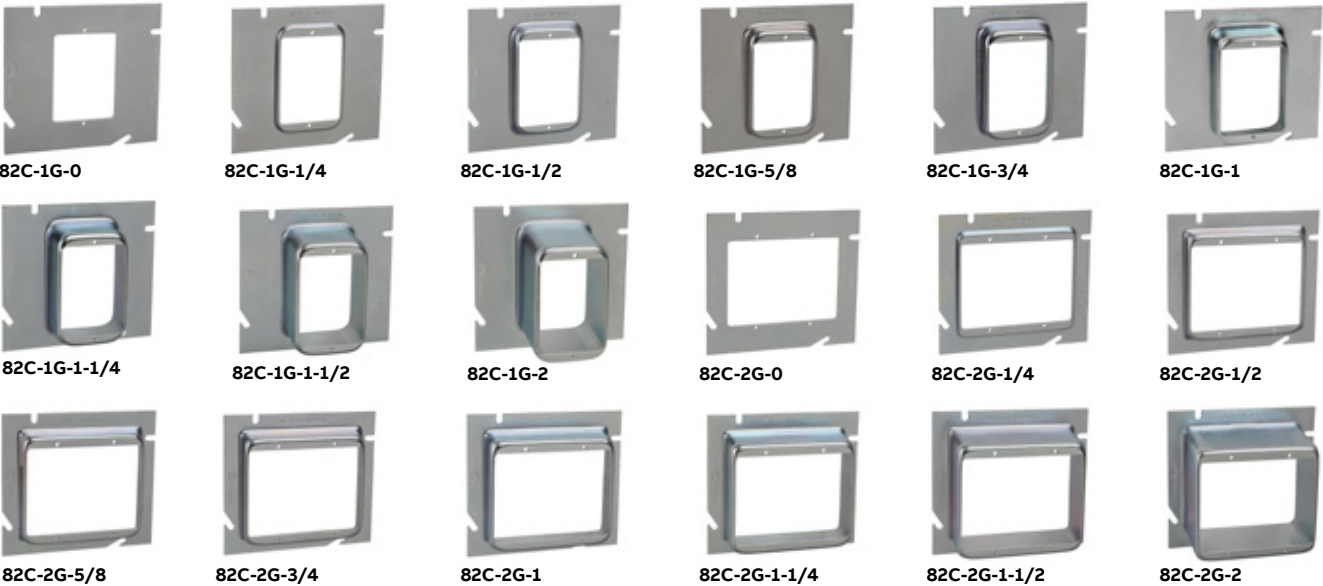
82181-1234-CVRD

5 SQUARE fire signal boxes

Cat. no.	Bracket	Knockouts	Red	Std. ctn. qty.
2 7/8" deep, 67 cubic inches				
82181-12-1	—	Four sides: (1) 1/2" and (2) 1"; back: (3) 1/2" and (2) 3/4"	—	20
82181-1234	—	Four sides: (1) 1/2" and (2) 1/2"/3/4"; back: (3) 1/2" and (2) 1/2"/3/4"	—	20
82181-1234-1	—	Four sides: (1) 1/2", (1) 1/2"/3/4" and (1) 1"; back: (3) 1/2" and (2) 3/4"	—	20
82181-1234-RD	—	Four sides: (1) 1/2" and (2) 1/2"/3/4"; back: (3) 1/2" and (2) 1/2"/3/4"	Yes	20
82181-12-1-CV	CV	Three sides: (1) 1/2" and (2) 1" back: (3) 1/2" and (2) 3/4"	—	20
82181-1234-CV	CV	Three sides: (1) 1/2" and (2) 1/2"/3/4"; back: (3) 1/2" and (2) 1/2"/3/4"	—	20
82181-1234-1-CV	CV	Three sides: (1) 1/2", (1) 1/2"/3/4" and (1) 1"; back: (3) 1/2" and (2) 3/4"	—	20
82181-1234-CVRD	CV	Three sides: (1) 1/2", (1) 1/2"/3/4" and (1) 1"; back: (3) 1/2" and (2) 3/4"	Yes	20

Square boxes and accessories

5 SQUARE® device rings



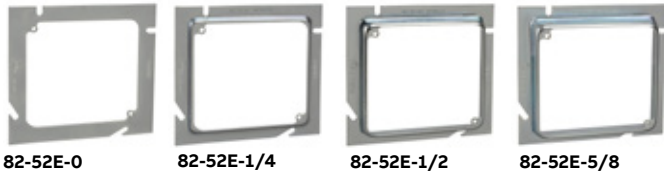
5 SQUARE® device rings

Cat. no.	Raised (in.)	Capacity (cu. in.)	Std. ctn.
Single gang			
82C-1G-0	Flat	–	20
82C-1G-1/4	¼	1.5	20
82C-1G-1/2	½	3.5	20
82C-1G-5/8	⅝	4.3	20
82C-1G-3/4	¾	5.3	20
82C-1G-1	1	6.8	10
82C-1G-1-1/4	1¼	8.5	10
82C-1G-1-1/2	1½	10.5	10
82C-1G-2	2	14.0	10

Cat. no.	Raised (in.)	Capacity (cu. in.)	Std. ctn.
Double gang			
82C-2G-0	Flat	–	20
82C-2G-1/4	¼	3.0	20
82C-2G-1/2	½	6.3	20
82C-2G-5/8	⅝	7.8	20
82C-2G-3/4	¾	9.5	20
82C-2G-1	1	12.8	10
82C-2G-1-1/4	1¼	17.0	10
82C-2G-1-1/2	1½	20.0	10
82C-2G-2	2	26.0	10

Square boxes and accessories

5 SQUARE® adapters, covers and accessories



82-52E-0

82-52E-1/4

82-52E-1/2

82-52E-5/8

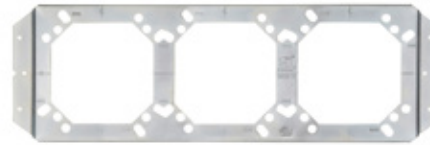


82-52E-3/4

82-52E-1

82-52E-1-1/4

82-52E-1-1/2



H16S-82-3



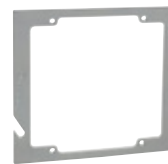
H24S-82-4

5 SQUARE® to 4" Square Box Adapters

Cat. no.	Raised (in.)	Capacity (cu. in.)	Std. ctn.
82-52E-0	Flat	–	20
82-52E-1/4	1/4	3.5	20
82-52E-1/2	1/2	7.2	20
82-52E-5/8	5/8	9.1	20
82-52E-3/4	3/4	10.8	20
82-52E-1	1	14.7	10
82-52E-1-1/4	1 1/4	18.0	10
82-52E-1-1/2	1 1/2	21.0	10



FSS-82



82-72E-0



82C-1

82C-1-RD

5 SQUARE® Blank Covers

Cat. no.	Red	Std. ctn.
82C-1	–	20
82C-1-RD	Yes	20

5 SQUARE® Blank Covers

Cat. no.	Description	Std. ctn.
H16S-82-3	Support Bracket for 5 SQUARE®, 4" Square and 4 11/16" Boxes; 16" Stud Centers	20
H24S-82-4	Support Bracket for 5 SQUARE®, 4" Square and 4 11/16" Boxes; 24" Stud Centers	20
FSS-82	Far-Side Support	20
82-72E-0	5 SQUARE® to 4 11/16" Adapter Ring, Flat, Accepts 4 11/16" Device Rings	20

NOTE: 5 Square is a registered trademark of Randl Industries, Inc.

Switch boxes and accessories

3" x 2" switch boxes



—
CDOW
Ears flush



—
CDOWTG-25
Ears flush



—
CDV-25
CV bracket recessed 7/8"



—
CW 1/2
Ears flush



—
CW3/4-25
Ears flush



—
CWLE1/2-25



—
CWLE 3/4



—
CWV 1/2
CV bracket
recessed 7/8"



—
CY 1/2
Ears flush



—
CY 3/4
Ears flush



—
CYLE 1/2



—
CYLE 3/4

With conduit KOs



Cat. no.	Depth (in.)	Gangable	Capacity (cu. in.)	Ears	Brackets	Knockouts (in.)			Std. ctn.
						Ea. end conduit	Ea. end cable	Bottom conduit	
CDOW	2½	Yes	12.5	Yes	—	1½	1½	2½	50
CDOWTG-25	2½	Yes	12.5	Yes	—	1½	1½	2½	25
CDV-25	2½	Yes	12.5	—	CV	1½	1½	2½	25
CW 1/2	2¾	Yes	14.0	Yes	—	1½	1½	1½	50
CW3/4-25	2¾	Yes	14.0	Yes	—	1¾	1¾	1¾	25
CWLE1/2-25	2¾	Yes	14.0	—	—	1½	1½	1½	25
CWLE 3/4	2¾	Yes	14.0	—	—	1¾	1¾	1¾	25
CWV 1/2	2¾	Yes	14.0	—	CV	1½	1½	1½	25
CY 1/2	3½	Yes	18.0	Yes	—	2½	2½	1½	25
CY 3/4	3½	Yes	18.0	Yes	—	2¾	2¾	1½	25
CYLE 1/2	3½	Yes	18.0	—	—	2½	2½	1½	25
CYLE 3/4	3½	Yes	18.0	—	—	2¾	2¾	1½	25

Switch boxes and accessories

3" x 2" switch boxes



SWB-25
Ears flush for old work



LCOW-25
Ears flush for old work



LCOWC
Adapts to any wall
thickness up to 3/4"



LCV-25
CV bracket recessed 3/4"



LXWOW-25
Ears flush for old work



LXWOWP



LXWLE-25



LXWOWC-25
Adapts to any wall
thickness up to 3/4"



LXWSV
SV bracket recessed 7/16"



LXWV-25
CV bracket recessed 7/8"

With non-metallic sheathed cable clamps



										Knockouts (in.)		
	Depth (in.)	Gangable	Capacity (cu. in.)	Clamps	Ears	Brackets	Ea. end conduit	Ea. end cable	Cable	Bottom cable	Bottom conduit	Std. ctn.
Cat. no.												
SWB-25	1½	–	7.5	C-5	Yes	–	–	2	–	2	–	25
LCOW-25*	2¼	Yes	10.5	C-1	Yes	–	1½	–	2	–	1½	25
LCOWC*	2¼	Yes	10.5	C-1	Yes	–	1½	–	2	–	1½	25
LCV-25*	2¼	Yes	10.5	C-1	–	CV	1½	–	2	–	1½	25
LXWOW-25	2½	Yes	12.5	C-5	Yes	–	1½	–	2	–	1½	25
LXWOWP	2½	Yes	12.5	C-5	Yes	–	1½	–	2	–	1½	25
LXWLE-25	2½	Yes	12.5	C-5	–	–	11½	1½	2	–	1½	25
LXWOWC-25	2½	Yes	12.5	C-5	Yes	–	1½	–	2	–	1½	25
LXWSV	2½	Yes	12.5	C-5	–	SV	1½	1½	2	–	1½	25
LXWV-25	2½	Yes	12.5	C-5	–	CV	1½	11½	2	–	1½	25

* Beveled corners.

Switch boxes and accessories

3" x 2" switch boxes (continued)



806 SW
S bracket recessed 5/8"



A254-25



CWN-25
Ears flush



CWNLE



CWNV-25
CV bracket recessed 7/8"



CXWLE



CXWOW
Ears flush for old work



CXWOWP



CXWV
CV bracket recessed 7/8"



CXWVP

With non-metallic sheathed cable clamps (continued)



NM cable

										Knockouts (in.)		
Cat. no.	Depth (in.)	Gangable	Capacity (cu. in.)	Clamps	Ears	Brackets	Ea. end conduit	Ea. end cable	Cable	Bottom cable	Bottom conduit	Std. ctn.
806 SW	2½	Yes	12.5	C-5	–	S	1½	1½	2	–	1½	25
A254-25	2½	–	12.5	C-5	–	–	–	1½	2	–	1½	25
CWN-25	2¾	Yes	14.0	C-5	Yes	–	1½	–	2	–	1½	25
CWNLE	2¾	Yes	14.0	C-5	–	–	1½	–	2	–	1½	25
CWNV-25	2¾	Yes	14.0	C-5	–	CV	1½	–	2	–	1½	25
CXWLE	3½	Yes	18.0	C-5	–	–	2½	1½	2	–	1½	25
CXWOW	3½	Yes	18.0	C-5	Yes	–	2½	1½	2	–	1½	25
CXWOWP	3½	Yes	18.0	C-5	Yes	–	2½	1½	2	–	1½	25
CXWV	3½	Yes	18.0	C-5	–	CV	2½	1½	2	–	1½	25
CXWVP	3½	Yes	18.0	C-5	–	CV	2½	1½	2	–	1½	25

Switch boxes and accessories

3" x 2" switch boxes (continued)



LXOW-25
Ears flush for old work



LXOWC-25
Adapts to 3/4" wall thickness



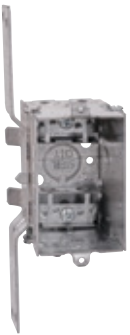
LXV-25
CV bracket recessed 7/8"



806 S
S bracket recessed 5/8"



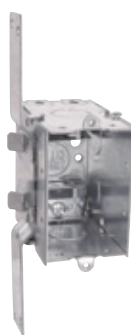
CWX-25
Ears flush



CWXV-25
CV bracket recessed 1/2"

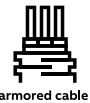


CX
Ears flush



CXV
CV bracket recessed 7/8"

With armored cable/metal clad clamps



							Knockouts (in.)				
Cat. no.	Depth (in.)	Gangable	Capacity (cu. in.)	Clamps	Ears	Brackets	Ea. end conduit	Ea. end cable	Cable	Bottom conduit	Std. ctn.
LXOW-25	2½	Yes	12.5	C-3	Yes	–	1½	–	2	1½	25
LXOWC-25	2½	Yes	12.5	C-3	Yes	–	1½	–	2	1½	25
LXV-25	2½	Yes	12.5	C-3	–	CV	1½	1½	2	1½	25
806 S	2½	Yes	12.5	C-3	–	S	1½	1½	2	1½	25
CWX-25	2¾	Yes	14.0	C-3	Yes	–	1½	–	2	1½	25
CWXV-25	2¾	Yes	14.0	C-3	–	CV	1½	–	2	1½	25
CX	3½	Yes	18.0	C-3	Yes	–	2½	1½	2	1½	25
CXV	3½	Yes	18.0	C-3	–	CV	2½	1½	2	1½	25

Switch boxes and accessories

Switch box extension



Switch box extension

Cat. no.	Description	Std. ctn.
SBEX	3.5 cu. in. capacity; fits snugly inside of all single-gang switch boxes; maximum adjustable depth $\frac{7}{8}$ "; furnished with 1 $\frac{1}{4}$ "-long screws for mounting	50

UL Listing not applicable — subject to approval by local inspector.

Old-work box support

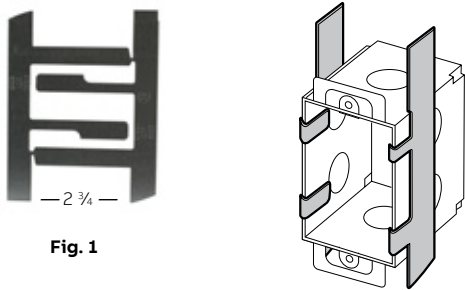


Fig. 1

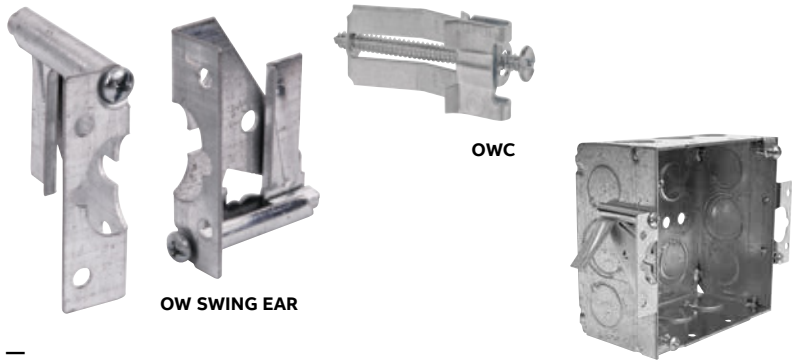
Features and benefits:

- Quickly attaches box through finished drywall
- For up to 1 $\frac{1}{2}$ " thick drywall
- Single-piece break-apart design
- Easy to install

Old-work box support

Cat. no.	Fig. no.	Description	Std. ctn.
820D	1	Old-work switch box steel mounting holder	500

Old-work box support clips



Features and benefits:

- Adapts to any wall thickness up to $\frac{3}{4}$ "

Old-work box support clips

Cat. no.	Description	Std. ctn.
OWC	Clips lock old-work steel switch boxes tightly to wall plaster, drywall, concrete block, brick or concrete. 2 required per box, (1 set)	250 sets
OW SWING EAR	Swing ears only (for field installations) with self-threading screws	50 (25 pair)

Round/octagon boxes and accessories

3 1/4" pancake boxes



210-L

3 1/4" pancake boxes



Cat. no.	Capacity (cu. in.)	Description	Std. ctn.
210-L	4.0	For non-metallic sheathed cable, 3 1/4" diameter — 1/2" deep. Three 1/2" KOs in a line with four loom KOs at opposite ends in bottom. Furnished with two 8/32 x 1/2" screws*	100

*Uses Steel City 300 series covers.
50 lb. maximum loading for fixtures.

3 1/2" round boxes



36115 C30
Cover screws supplied



36125 D
Cover screws supplied

3 1/2" round boxes — with non-metallic sheathed cable clamps



Cat. no.	Depth (in.)	Capacity (cu. in.)	Clamps	Knockouts (in.)		Std. ctn.
				Bottom conduit	Cable	
36115 C30	1/2	4.0	C-8	1 1/2	4	30
36125 D	3/4	4.0	C-10	1 1/2	4	25

50 lb. maximum loading for fixtures.

Round/octagon boxes and accessories

3 1/2" octagon boxes



241511/2-25



25151 1/2



24151N-25



24151-NV
V bracket recessed 1/2"



3-O-LCE



conduit

3 1/2" octagon boxes

Cat. no.	Depth (in.)	Capacity (cu. in.)	Clamps	Knockouts (in.)					Std. ctn.
				Ea. side clamps	Ea. side conduit	Ea. end conduit	Ea. end cable	Bottom conduit	
With conduit KOs									
241511/2-25	1½	11.8	–	–	1 x 1½	1½	–	1½	50
25151 1/2	1½	11.8	–	–	1 x 1½	1½	–	–	50



NM cable

Cat. no.	Depth (in.)	Capacity (cu. in.)	Clamps	Knockouts (in.)					Std. ctn.
				Ea. side clamps	Ea. side conduit	Ea. end conduit	Ea. end cable	Bottom conduit	
With non-metallic sheathed cable clamps									
24151N-25	1½	11.8	C-5	–	1 x ½	–	2	1½	50
24151-NV	1½	11.8	C-5	–	1 x ½	–	2	1½	50
3-O-LCE*	1½	11.8	C-5	–	1 x ½	–	2	1 x ½	50

*Uses Steel City 3 1/2" octagonal extension rings and 300 series rings and covers.
50 lb. maximum loading for fixtures.

Covers for 3 1/2" round and octagon boxes



24C1-25



24-C-6

Covers for 3 1/2" round and octagon boxes

Cat. no.	Description	Std. ctn.
24C1-25	Flat, blank	100
24-C-6	Flat with 1/2" KO	25

Round/octagon boxes and accessories

4" round boxes



56111

56111-CFB

4" round boxes — with conduit KOs



Cat. no.	Depth (in.)	Capacity (cu. in.)	Description	Knockouts (in.)	Std. ctn.
				Conduit bottom	
56111	1/2	6.0	Steel outlet box	4 1/2	50
56111-CFB*	1/2	6.0	Ceiling fan box with plastic Romex connector included. NC501-SC	2 1/2	10

*Meets NEC® 314.27(c) up to 35 lb. fan.
56111-CFB is shipped with plastic cover and all hardware.
50 lb. maximum loading for fixtures.
NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

4" pancake boxes



410-LC

4" pancake boxes



Cat. no.	Capacity (cu. in.)	Description	Std. ctn.
410-LC	5.8	For non-metallic sheathed cable, 4" diameter — 1/2" deep Three 1/2" KOs in a line and four loom KOs at opposite ends in bottom. Furnished with two loom clamps for non-metallic cable with 10/32 deep-slotted screws and two 8/32 x 1/2" screws in ears*	50

*Uses Steel City 500 series covers.
50 lb. maximum loading for fixtures.

Round/octagon boxes and accessories

4" octagon boxes



54151 N

54151 NE Adjustable
ears recessed 3/8"54151 NL
L bracket flush mounted54151 NV
V bracket recessed 1/2"

54171N-25

54171 NL
L bracket mounted flush54171NV-25
V bracket recessed 1/2"

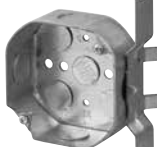
54151 1/2



54151 3/4



54151 1/2 and 3/4

54151 V 1/2
V bracket
recessed 1/2"54151 L 1/2
L bracket mounted flush

541711/2-25



54171 1/2 3/4



54171 3/4



54171 1

4" octagon boxes



NM cable

Cat. no.	Depth (in.)	Capacity (cu. in.)	Clamps	Brackets	Knockouts (in.)				Std. ctn.
					Ea. side conduit	Ea. end conduit	Ea. end cable	Bottom conduit	
With non-metallic sheathed cable clamps									
54151 N	1½	15.8	C-5	–	1½	–	2	1½	50
54151 NE	1½	15.8	C-5	–	1½	–	2	1½	50
54151 NL	1½	15.8	C-5	L	1½	–	2	1½	50
54151 NV	1½	15.8	C-5	V	1½	–	2	1½	50
54171N-25	2⅛	22.5	C-5	–	1½	–	2	1½	50
54171 NL	2⅛	22.5	C-5	L	1½	–	2	1½	50
54171NV-25	2⅛	22.5	C-5	V	1½	–	2	1½	25



conduit

Cat. no.	Depth (in.)	Capacity (cu. in.)	Clamps	Brackets	Knockouts (in.)				Std. ctn.
					Ea. side conduit	Ea. end conduit	Ea. end cable	Bottom conduit	
With conduit KOs									
54151 1/2	1½	15.8	—	—	1½	1½	—	5½	50
54151 3/4	1½	15.8	—	—	1¾	1¾	—	3½ 2¾	50
54151 1/2 and 3/4	1½	15.8	—	—	1½	1¾	—	3½ 2¾	50
54151 V 1/2	1½	15.8	—	V	1½	1½	—	5½	25
54151 L 1/2	1½	15.8	—	L	1½	1½	—	5½	25
541711/2-25	2⅛	22.5	—	—	1½	1½	—	5½	50
54171 3/4	2⅛	22.5	—	—	1¾	1¾	—	3½	25
54171 1/2 3/4	2⅛	22.5	—	—	1½	1¾	—	3½	25
54171 1	2⅛	22.5	—	—	11	11	—	3½ 2¾	25

50 lb. maximum loading for fixtures.

Round/octagon boxes and accessories

4" octagon boxes (continued)



54151AV-25
V bracket recessed 1/2"



54151 A



54151 AL
L bracket mounted flush



armored cable

Cat. no.	Depth (in.)	Capacity (cu. in.)	Clamps	Brackets	Knockouts (in.)				Std. ctn.
					Ea. side conduit	Ea. end conduit	Ea. end cable	Bottom conduit	
With armored cable/metal-clad clamps									
54151 A	1½	15.8	C-3	—	1½	—	2	1½	25
54151AV-25	1½	15.8	C-3	V	1½	—	2	1½	50
54151 AL	1½	15.8	C-3	L	1½	—	2	1½	25

50 lb. maximum loading for fixtures.



54151 NF
Octagon box mounted on adjustable bar hanger. 50 lb. load max rating.



54151 AF
Octagon box mounted on adjustable bar hanger. 50 lb. load max rating.



54151 J 1/2
Mounted on 6010-DW bar adjustable 10 1/2" to 18 1/2". Offset for 1/2", 3/4" or 7/8" plaster. Maximum horizontal positioning. 3/8" fixture stud.

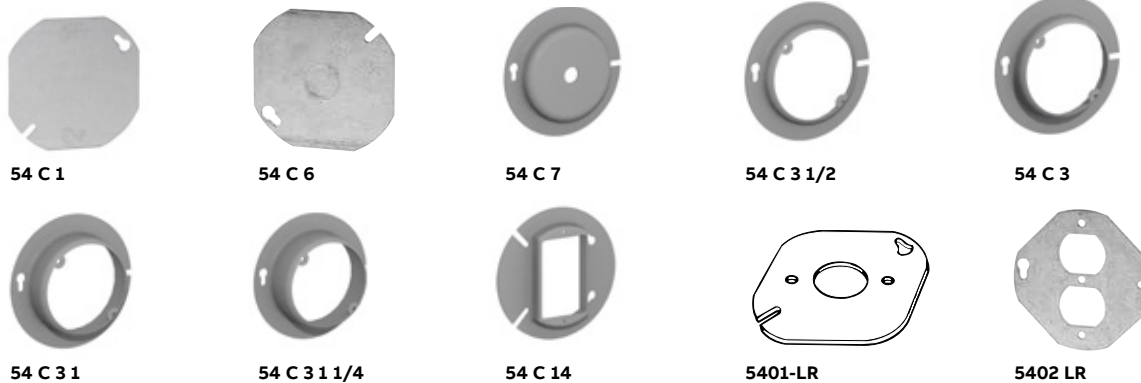
4" octagon boxes

Cat. no.	Depth (in.)	Capacity (cu. in.)	Bar hanger number	Bar length (in.)	Offset for	Stud (in.)	Std. ctn.
For non-metallic sheathed cable							
54151 NF	1 1/2	15.8	6010-DW	10 1/2–18 1/2	—	3/8	25
54151 NO	1 1/2	15.8	6010-ADW	14 1/2–26 1/2	—	3/8	25
54151 NP	1 1/2	15.8	6011-ADW	14 1/2–26 1/2	—	Fastener	25
For armored cable/metal-clad							
54151 AF	1 1/2	15.8	6010-DW	10 1/2–18 1/2	Drywall	3/8	25
With conduit KOs							
54151 J 1/2	1 1/2	15.8	6010-DW	10 1/2–18 1/2	Drywall	3/8	25

50 lb. maximum loading for fixtures.

Round/octagon boxes and accessories

4" round and octagon box covers



4" round and octagon box covers

Cat. no.	Raised (in.)	Description	Capacity (cu. in.)	Std. ctn.
54 C 1	—	Flat, blank	—	50
54 C 6	—	Flat, with 1/2" KO	—	50
54 C 7	5/8	With 1/2" KO	3.5	25
54 C 3 1/2	1/2	Center blanked with tapped ears on 2 3/4" centers	3.0	25
54 C 3	5/8	Center blanked with tapped ears on 2 3/4" centers	3.5	25
54 C 3 1	1	Center blanked with tapped ears 2 23/32" centers	5.8	25
54 C 3 1 1/4	1 1/4	Center blanked with tapped ears 2 23/32" centers	7.3	25
54 C 14	5/8	For single device	3.5	25
5401-LR	—	Flat, center blanked for single receptacle — 1 13/32" dia. hole	—	25
5402-LR	—	Flat, center blanked for duplex receptacle	—	25

For swivel covers, see accessories section on page 43.

4" octagon box rings and covers



4" octagon box rings and covers

Cat. no.	Capacity (cu. in.)	Description	Std. ctn.
500-K-3/4	—	Flat — 4" octagonal One 3/4" KO in center*	50
500-TL	—	Flat — 4" octagonal Four-wire twistlock in center. Screw holes countersunk. Opening 1.594" diameter*	25
501-CS	1.5	1/4" raised — 4" diameter Open plaster ring with ears. Ears tapped 8/32–2 23/32" on centers. Special screw-lock feature in slots*	25

*Fits any Steel City 4" octagonal outlet box or extension ring.

Round/octagon boxes and accessories

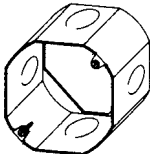
4" octagon box extension rings



551511/2-25



55151 1/2 3/4



4-OD-EXT-SPL

4" octagon box extension rings — with conduit KOs

Cat. no.	Depth (in.)	Capacity (cu. in.)	Knockouts (in.)		Std. ctn.
			Ea. side Conduit	Ea. end Conduit	
551511/2-25	1½	15.8	1½	1½	50
55151 1/2 3/4	1½	15.8	1½	1¾	25
4-OD-EXT-SPL*	2⅞	21.5	1 x 1½	1 x ¾	25

*Uses Steel City 4" octagonal outlet boxes and 500 series rings and covers.



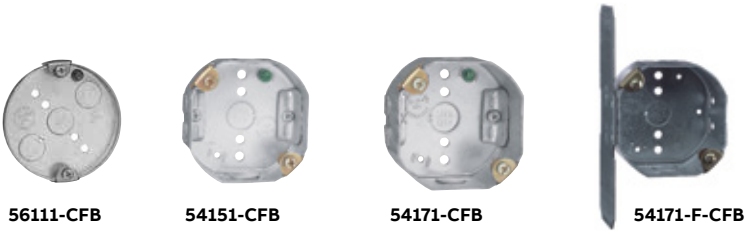
54551-CFB

Cat. no.	Clamps	Ears	Brackets	Knockouts (in.)				Std. ctn.
				Ea. side conduit	Ea. end conduit	Ea. end cable	Bottom conduit	
54551-CFB	3 DP	—	Concrete ring	1½–¾	—	—	—	50

Max. loads 35 lbs. fan and 50 lbs. fixture.
Cover — CBP or CBP-3/8. 35 lb fan rating, 50 lb fixture rated.

Ceiling boxes and accessories

Steel boxes and bar hangers for fan and fixture installation



Ceiling fan support boxes



Cat. no.	Capacity (cu. in.)	Description	Dimensions		New/old work	Std. ctn.
			Diameter (in.)	Depth (in.)		
56111-CFB	6.0	Pan-type ceiling fan box with 3 x 1/2" KOs and non-metallic sheathed cable connector	4	1/2	Both	10
54151-CFB	15.8	1 1/2" deep ceiling fan box with 3 x 1/2" KOs and clamps for non-metallic sheathed cable	4	1 1/2	New	10
54171-CFB	22.0	2 1/8" deep ceiling fan box with 3 x 1/2" KOs and clamps for non-metallic sheathed cable	4	2 1/8	New	10
54171-F-CFB*	22.0	Same as 54171-CFB, but with "F" style mounting bracket	4	2 1/8	New	10
54171-1/2-F-CFB-BP	22.0	2 1/8" deep ceiling fan box with 5 x 1/2" KOs and "F" style mounting bracket	4	2 1/8	New	50

UL listed for 200 lb fixture and 70 lb fan.
* Maximum load for 54171-F-CFB is 70 lbs. fan and 200 lbs. fixture.

Ceiling boxes and accessories

Bars for hanging ceiling boxes, concrete box covers, cover plate, box adapter, 4" octagon concrete boxes and hanging ceiling boxes



Two bars required for each box.

Bars for hanging ceiling boxes

Cat. no.	Length (in.)	Std. ctn.
HBB-30	30	40



54531 1/2 3/4
54541 1/2 3/4
54551 1/2 & 3/4
54551-3/4 & 1



54561-1/2 & 3/4
54561-3/4 & 1
54571 1/2 3/4
54571-3/4 & 1



CBP

• Thread size: 3/8-18 NPS

Concrete box cover plate box

Cat. no.	Description	Std. ctn.
CBP	No Stud; 3 1/2" and 2 3/4" KOs	25



54581 1/2 & 3/4



54591 1/2 & 3/4

4" octagon concrete boxes



Concrete box adapter boxes

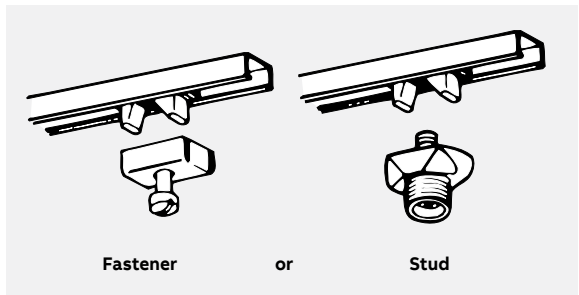
Cat. no.	Description	Std. ctn.
CBA	For quick mounting and alignment of 4" octagon extension ring on concrete box or hung ceiling box	25

Cat. no.	Depth (in.)	Capacity (cu. in.)	Knockouts	Std. ctn.
With conduit KOs				
54531 1/2 3/4	2	23.0	1/2" and 3/4" single row	25
54541 1/2 3/4	2 1/2	29.0	1/2" and 3/4" single row	25
54551 1/2 & 3/4	3	35.0	1/2" and 3/4" single row	20
54551-3/4 & 1	3	35.0	3/4" and 1" single row	20
54561-1/2 & 3/4	3 1/2	41.0	1/2" and 3/4" double row	20
54561-3/4 & 1	3 1/2	41.0	3/4" and 1" double row	20
54571 1/2 3/4	4	47.0	1/2" and 3/4" double row	10
54571-3/4 & 1	4	47.0	3/4" and 1" double row	10
54581 1/2 & 3/4	5	58.0	1/2" and 3/4" double row	10
54591 1/2 & 3/4	6	70.0	1/2" and 3/4" three rows	10

Ceiling boxes and accessories

Adjustable bar hangers for plaster and drywall

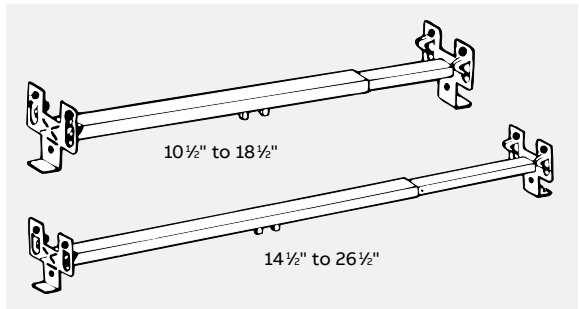
Packaged complete with either...



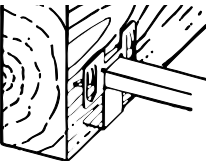
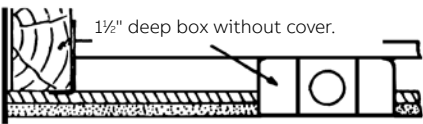
Ease of installation:

Claws provide temporary support for proper positioning until permanently installed.

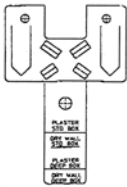
Two adjustable lengths:



1/2", 3/4", 7/8" lath and plaster

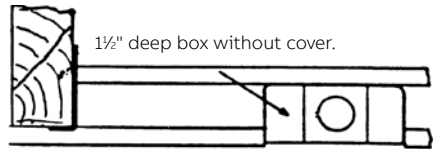


Accurate and automatic positioning on joist.

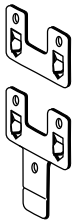


Endplate locator tab is scored and marked for lath and plaster drywall applications with standard and deep boxes.

3/8", 1/2", 5/8" drywall board



Foot straightened gauges for 1 1/2"-deep box with cover or 2 1/8"-deep box without cover. With foot broken off gauges for shallow pan box.



6010ADW-25

Adjustable bar hangers for plaster and drywall

Cat. no.	Depth of end plate (in.)	Bar length (in.)	Stud or fastener	Std. ctn.
For 3/8", 1/2" and 5/8" wall board and plaster — 50 lb. max. load rating				
6010DW-25	13/16	10 1/2–18 1/2	Stud	25
6010ADW-25	13/16	14 1/2–26 1/2	Stud	25
6011DW-25	13/16	10 1/2–18 1/2	Fastener	25
6011ADW-25	13/16	14 1/2–26 1/2	Fastener	25

*Score marks for drywall and plaster depths.

Ceiling boxes and accessories

Ceiling fan and light fixture bar hangers



54151CFB-BHL

Extra heavy-duty new-work bar hangers

This innovative extruded-aluminum bar hanger was designed for strength. It is UL listed for up to 70 lbs for fan support and an industry-leading 200 lbs for fixture support.

Features and benefits:

- Gold end plates easily identify the hanger as meeting UL and NEC® requirements for fan support
- Screwed-on end plates are consistently strong and avoid unsightly welds
- End plates feature temporary fixing spikes for hands-free installation
- Expandable for joists spaced from 16 to 24 inches

Ceiling fan and light fixture bar hanger

Cat. no.	Capacity (cu. in.)	Description	Max. rec. load (lb)		New/old work	Std. ctn.
			Fan	Fixture		
54151CFB-BHL	15.8	New-work bar hanger with 1½" deep ceiling fan box with 3 x ½" KOs and clamps for non-metallic sheathed cable	70	200	New	10

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



Intended for retrofit installations, the unique design of the old-work bar hanger ensures a trouble-free installation that surpasses the competition.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Fan and fixture support

Exhaustive research and development has resulted in an innovative line of ceiling fan support boxes that give Steel City the competitive advantage. Ceiling fan and fixture installation is faster, easier and safer with Steel City ceiling fan support boxes.

Features and benefits:

- Gold finish on ears/screws easily identifies boxes as meeting UL and NEC® requirements for fan support
- Each box comes complete with instructions and installation hardware

Ceiling fan and light fixture bar hanger

- Square end plates keep the bar parallel with sheet rock
- Square section tube is easy to grip, allowing high torque for safe installation
- Expandable for joists spaced from 16 to 24 inches
- UL listed for 200 lb. fixture, 70 lb. fan at 16" / 50 lb. fixture, 35 lb. fan at 24" span



Ceiling fan and light fixture bar hanger

Cat. no.	Capacity (cu. in.)	Description	New/old work	Std. ctn.
54151CFB-BHL-OW	15.8	Old-work bar hanger with 1½" deep ceiling fan box with 3 x ½" KOs and clamps for non-metallic sheathed cable	Old	10

Maximum recommended load is 35 lbs for fan and 50 lbs for fixture.

Ceiling boxes and accessories

Steel City hands-free swivel hanger



The new Steel City hands-free swivel hanger allows you to quickly install high- and low-bay lighting fixtures without the need for an extra set of hands. The hanger design enables the fixture to be set in place, giving users access to the conductors while wiring is being completed. The hands-free swivel hanger can support a fixture up to 50 pounds and is ideal for gyms or other commercial sites.

Features and benefits:

- Fits standard 3½" or 4" octagon (SHHFR1234)
- Fits 4" square (SHHF1234) boxes
- A single installer can complete the installation — saving time, labor and cost
- Fixtures can be set in place before wiring is completed
- Design enables users to access the conductors after the fixture has been mounted onto the box
- Accommodates ½" or ¾" threaded fixture pipes
- Permits 20° swing from vertical
- Ideal for gyms or other commercial sites
- Zinc-plated sheet-metal hanger and malleable iron swivel connector
- UL and CSA Listed

Steel City hands-free swivel hanger

Cat. no.	Description	Std. ctn.
SHHF 1/2 3/4	Hands-free swivel hanger	25
SHHFR 1/2 3/4	Hands-free swivel hanger (round)	25

Swivel hangers



Swivel hangers for octagonal boxes



Cat. no.	Description	Std. ctn.
SHR 1/2 and 3/4	Swivel hanger for 4" octagonal boxes	25

UL Listed for 50 lb. fixture support.



Swivel hangers for square boxes



Cat. no.	Description	Std. ctn.
SH 1/2 and 3/4	Swivel hanger for 4" square boxes	25

UL Listed for 50 lb. fixture support.

Utility, handy and gang boxes and accessories

4" x 2 1/8" utility boxes and box covers



58351 1/2*

58351 B 1/4
B bracket recessed 1/4"

58361 1/2*



58361 3/4

58361 V 1/2*
CV bracket recessed 1/2"

58371 1/2*



58371 3/4

58371 T 1/2
T bracket recessed 5/8"58371V1/2-25*
CV bracket recessed 1/2"

4" x 2 1/8" utility boxes



conduit

Cat. no.	Depth (in.)	Capacity (cu. in.)	Brackets	Knockouts (in.)			Std. ctn.
				Each side conduit (in.)	Each end conduit (in.)	Bottom conduit (in.)	
With conduit KOs							
58351 1/2*	1½	10.3	–	3½	1½	2½	50
58351 B 1/4	1½	10.3	B	3½	1½	2½	25
58361-BLANK	1⅞	13.0	–	–	–	–	50
58361 1/2*	1⅞	13.0	–	3½	1½	2½	50
58361 3/4	1⅞	13.0	–	2¾	1¾	2¾	50
58361 V 1/2*	1⅞	13.0	CV	3½	1½	2½	50
58371 1/2*	2⅞	14.5	–	3½	1½	2½	50
58371 3/4	2⅞	14.5	–	2¾	1¾	2¾	50
58371 T 1/2*	2⅞	14.5	T	3½	1½	2½	25
58371V1/2-25*	2⅞	14.5	CV	3½	1½	2½	25

* Factory-provided raised ground-screw location.



68361 1/2



68371 1/2



conduit

4 1/8" x 2 1/2" utility boxes



59361 1/2



59361 3/4



conduit

4" x 2 1/8" utility box extension rings

Cat. no.	Knockouts (in.)					Std. ctn.
	Depth (in.)	Capacity (cu. in.)	Ea. side conduit	Ea. end conduit	Bottom conduit	
With conduit KOs						
68361 1/2*	1 ¹⁵ / ₁₆	17.0	3 ¹ / ₂	1 ¹ / ₂	2 ¹ / ₂	25
68371 1/2*	2 ³ / ₁₆	18.8	3 ¹ / ₂	11 ¹ / ₂	2 ¹ / ₂	50

Cat. no.	Depth (in.)	Capacity (cu. in.)	Knockouts (in.)		Std. ctn.
			Each side conduit	Each end conduit	
With conduit KOs					
59361 1/2	1 ⁷ / ₈	13.0	3-1 ¹ / ₂	1-1 ¹ / ₂	50
59361 3/4	1 ⁷ / ₈	13.0	2-3 ³ / ₄	1-3 ³ / ₄	25

Utility, handy and gang boxes and accessories

4 $\frac{1}{8}$ " x 2 $\frac{1}{2}$ " utility box covers raised, extension rings and handy boxes



58 C 1

58 C 4

58 C 5

58 C 6

58 C 7

58 C 11

58 C 16

58 C 30

4 $\frac{1}{8}$ " x 2 $\frac{1}{8}$ " utility box covers

Cat. no.	Dia. hole (in.)	Description	Std. ctn.
Raised $\frac{1}{4}$"			
58 C 1	—	Blank	100
58 C 4	1 $\frac{19}{32}$	For 4-wire twist-lock single flush receptacle	25
58 C 5	1 $\frac{13}{32}$	For single receptacle	25
58 C 6	—	With $\frac{1}{2}$ " KO	25
58 C 7	—	For duplex flush receptacle	100
58 C 11	—	With $\frac{15}{32}$ " bushed hole	25
58 C 16	—	For single GFCI receptacle	25
58 C 30	—	For one toggle switch	100

Welded single- and double-gang handy boxes



132-W-1/2

Multi-gang handy box



conduit

				Knockouts (in.)			
Cat. no.	Type	Depth (in.)	Capacity (cu. in.)	Each side conduit (in.)	Each end conduit (in.)	Bottom conduit (in.)	Std. ctn.
With conduit KOs							
102-W-1/2	Single gang	1½	10.3	3-½	1-½	3-½	50
103-W-1/2	Single gang	1⅞	13.0	3-½	1-½	3-½	50
104-W-1/2	Single gang	2⅞	14.5	3-½	1-½	3-½	50
102-W-EXT-1/2	Extension ring	1½	10.3	3-½	1-½	—	50
103-W-EXT-1/2	Extension ring	1⅞	13.0	3-½	1-½	—	50
132-W-1/2	Double gang	2⅞	30.3	3-½	3-½	3-½, 2-¾	25

Utility, handy and gang boxes and accessories

Drawn-style gang boxes



3G 1/2 3/4



5G 1/2 3/4



H3BD 3/4 1



H5BD 3/4 1

Drawn-style gang boxes



conduit

Cat. no.	Depth (in.)	Capacity (cu. in.)	Height (in.)	Length (in.)	Knockouts (in.)			Std. ctn.
					Each side conduit (in.)	Each end conduit (in.)	Bottom conduit (in.)	
With conduit KOs								
2G 1/2 3/4	1 ⁵ / ₈	45.0	4 ¹ / ₂	6 ¹³ / ₁₆	2 ¹ / ₂ , 2 ³ / ₄	1 ¹ / ₂ , 1 ³ / ₄	3 ¹ / ₂ , 2 ³ / ₄	5
3G 1/2 3/4	1 ⁵ / ₈	58.0	4 ¹ / ₂	8 ⁵ / ₈	3 ¹ / ₂ , 2 ³ / ₄	1 ¹ / ₂ , 1 ³ / ₄	6 ¹ / ₂ , 4 ³ / ₄	5
4G 1/2 3/4	1 ⁵ / ₈	70.0	4 ¹ / ₂	10 ⁷ / ₁₆	3 ¹ / ₂ , 3 ³ / ₄	1 ¹ / ₂ , 1 ³ / ₄	6 ¹ / ₂ , 4 ³ / ₄	5
5G 1/2 3/4	1 ⁵ / ₈	85.0	4 ¹ / ₂	12 ¹ / ₄	4 ¹ / ₂ , 3 ³ / ₄	1 ¹ / ₂ , 1 ³ / ₄	6 ¹ / ₂ , 4 ³ / ₄	1
6G 1/2 3/4	1 ⁵ / ₈	95.0	4 ¹ / ₂	14 ¹ / ₁₆	4 ¹ / ₂ , 4 ³ / ₄	1 ¹ / ₂ , 1 ³ / ₄	6 ¹ / ₂ , 4 ³ / ₄	1
H2BD1234	2 ¹ / ₂	71.0	4 ¹ / ₂	6 ¹³ / ₁₆	2 ¹ / ₂ , 2 ³ / ₄	1 ¹ / ₂ , 1 ³ / ₄	3 ¹ / ₂ , 2 ³ / ₄	5
H2BD 3/4 1	2 ¹ / ₂	71.0	4 ¹ / ₂	6 ¹³ / ₁₆	2 ³ / ₄ , 11	1 ³ / ₄ , 11	3 ¹ / ₂ , 2 ³ / ₄	10
H3BD1234	2 ¹ / ₂	90.0	4 ¹ / ₂	8 ⁵ / ₈	4 ¹ / ₂ , 1 ³ / ₄	1 ¹ / ₂ , 1 ³ / ₄	6 ¹ / ₂ , 4 ³ / ₄	5
H3BD 3/4 1	2 ¹ / ₂	90.0	4 ¹ / ₂	8 ⁵ / ₈	4 ³ / ₄ , 11	1 ³ / ₄ , 11	6 ¹ / ₂ , 4 ³ / ₄	10
H4BD1234	2 ¹ / ₂	110.0	4 ¹ / ₂	10 ⁷ / ₁₆	2 ¹ / ₂ , 2 ³ / ₄	1 ¹ / ₂ , 1 ³ / ₄	6 ¹ / ₂ , 4 ³ / ₄	5
H4BD 3/4 1	2 ¹ / ₂	110.0	4 ¹ / ₂	10 ⁷ / ₁₆	2 ³ / ₄ , 21	1 ³ / ₄ , 11	6 ¹ / ₂ , 4 ³ / ₄	5
H5BD1234	2 ¹ / ₂	132.0	4 ¹ / ₂	12 ¹ / ₄	2 ³ / ₄ , 2 ¹ / ₂	1 ¹ / ₂ , 1 ³ / ₄	6 ¹ / ₂ , 4 ³ / ₄	5
H5BD 3/4 1	2 ¹ / ₂	132.0	4 ¹ / ₂	12 ¹ / ₄	3 ³ / ₄ , 21	1 ³ / ₄ , 11	6 ¹ / ₂ , 4 ³ / ₄	5
H6BD1234	2 ¹ / ₂	150.0	4 ¹ / ₂	14 ¹ / ₁₆	3 ¹ / ₂ , 3 ³ / ₄	1 ¹ / ₂ , 1 ³ / ₄	6 ¹ / ₂ , 4 ³ / ₄	5
H6BD 3/4 1	2 ¹ / ₂	150.0	4 ¹ / ₂	14 ¹ / ₁₆	3 ³ / ₄ , 31	1 ³ / ₄ , 11	6 ¹ / ₂ , 4 ³ / ₄	5

Gang boxes and accessories

Gang box partitions

Gang box partitions boxes

Cat. no.	Description	Std. ctn.
SGP	Hi/low-voltage partition for 1 ⁵ / ₈ "-deep box	25
DGP	Hi/low-voltage partition for 2 ¹ / ₂ "-deep box	50



SGP



DGP

Utility, handy and gang boxes and accessories

2-, 3- and 4-gang drawn-style device boxes and gang box covers



3G4D 1/2

3G4D B 1/2

3G4D V 1/2

4G4D 1/2

4G4D B 1/2

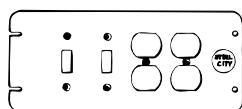
4G4D V 1/2

—
2-, 3- and 4-Gang drawn-style device boxes

Cat. no.	Gang	Depth (in.)	Capacity (cu. in.)	Brackets	Each side conduit (in.)	Each end conduit (in.)	Std. ctn.
2G4DV 1/2 3/4	2	2 ¹ / ₈	30.3	CV	2 ¹ / ₂ , 1 ³ / ₄	2 ¹ / ₂ , 1 ³ / ₄	25
2G4D 1/2 & 3/4	2	2 ¹ / ₈	30.3	—	2 ¹ / ₂ , 1 ³ / ₄	2 ¹ / ₂ , 1 ³ / ₄	25
3G4D 1/2	3	2 ¹ / ₈	44.3	—	3 ¹ / ₂	2 ¹ / ₂	20
3G4D B 1/2	3	2 ¹ / ₈	44.3	B	3 ¹ / ₂	2 ¹ / ₂	20
3G4D V 1/2	3	2 ¹ / ₈	44.3	CV	3 ¹ / ₂	2 ¹ / ₂	20
4G4D 1/2	4	2 ¹ / ₈	58.0	—	4 ¹ / ₂	2 ¹ / ₂	20
4G4D B 1/2	4	2 ¹ / ₈	58.0	B	4 ¹ / ₂	2 ¹ / ₂	20
4G4D V 1/2	4	2 ¹ / ₈	58.0	CV	4 ¹ / ₂	2 ¹ / ₂	20

When covers are required to accommodate various combinations of devices, use the following catalog numbers plus the suffix "SPECIAL," and then indicate the combinations desired. When necessary, also indicate the sequence of devices.

- As illustrated (below), this is a 4-GCS Special for two toggle switches on left side and two duplex receptacles on right side



EXAMPLE: 4-GCS special



4-GC



3-GC



6-GC



3-GCB



5-GCB



4-GCS



6-GCS

—
Gang box cover service boxes

Cat. no.	Length (in.)	Capacity (cu. in.)	Description	Std. ctn.
4 ¹¹ / ₁₆ " Wide — raised ¹³ / ₁₆ " for plaster				
2-GC	7	8.5	Holes between gangs are spaced on ¹³ / ₁₆ " centers; tapped holes in ears; spaced on 3 ⁹ / ₃₂ " centers to accommodate all standard receptacles and switches; furnished with extra plugged screw holes; if these screw holes are used, the cover will fit the next smaller size box.	5
3-GC	8 ¹³ / ₁₆	13.5		5
4-GC	10 ⁵ / ₈	18.3		5
5 GC	12 ⁷ / ₁₆	23.0		5
6 GC	14 ¹ / ₄	28.3		5
4 ¹¹ / ₁₆ " Wide — flat, blank				
2-GCB	7	—	—	25
3-GCB	8 ¹³ / ₁₆	—	—	25
4-GCB	10 ⁵ / ₈	—	—	25
5 GCB	12 ⁷ / ₁₆	—	—	25
6 GCB	14 ¹ / ₄	—	—	25
4 ¹¹ / ₁₆ " Wide — flat for toggle switches				
2-GCS	7	—	For 2 toggle switches	25
3-GCS	8 ¹³ / ₁₆	—	For 3 toggle switches	25
4-GCS	10 ⁵ / ₈	—	For 4 toggle switches	25
5 GCS	12 ⁷ / ₁₆	—	For 5 toggle switches	25
6 GCS	14 ¹ / ₄	—	For 6 toggle switches	25

4¹¹/₁₆" wide — special covers — flat to accommodate combinations of devices.

Concrete/masonry boxes and accessories

Gangable masonry boxes



GW 135 G



GW 235 G

Gangable masonry boxes



					Eccentric knockouts 1/2" and 3/4"			
Cat. no.	Depth (in.)	Height (in.)	Length (in.)	Capacity (cu. in.)	Each side	Each end	Bottom	Std. ctn.
With eccentric conduit KOs								
GW 125 G*	2½	3¾	1¹⁵⁄₁₆	15.0	2	2	2	20
GW 225 G*	2½	3¾	3¾	31.6	2	4	4	10
GW 325 G*	2½	3¾	5⁹⁄₁₆	47.4	2	6	6	5
GW 135 G*	3½	3¾	1¹⁵⁄₁₆	22.0	4	2	2	20
GW 235 G*	3½	3¾	3¾	46.9	4	4	4	10
GW 335 G	3½	3¾	5⁹⁄₁₆	71.0	4	6	6	10
GW 435 G*	3½	3¾	17³⁄₈	93.5	4	8	8	5

* Per NEC®, suitable for use without a bonding jumper in circuits above or below 250 volts.

† 4-, 5- and 6-gang supplied with partitions.

Masonry box partitions



PGW-25-G



PGW-35-G

Masonry box partitions



Cat. no.	Description	Std. ctn.
PGW-25-G	Non-metallic partition for 2 1/2"-deep steel tile wall boxes	25
PGW-35-G	Non-metallic partition for 3 1/2"-deep steel tile wall boxes	25

Concrete/masonry boxes and accessories

Deep masonry boxes



1-MB



2-MB



3-MB



4-MB



MBP

Deep masonry boxes



Cat. no.	Depth (in.)	Capacity (cu. in.)	Description	Std. ctn.
1-MB	3½	23.3	One-gang masonry box, 3½" deep x 3¾" long x 1⅞" wide Eight ½" and ¾" concentric KOs. Two in each side and two in each end. Uses Steel City 100 series covers.	10
2-MB	3½	46.8	Two-gang masonry box, 3½" deep x 3¾" long x 3¾" wide Twelve ½" and ¾" concentric KOs. Four in each of two sides and two in each end. Uses Steel City SB-2 cover.	10
3-MB	3½	69.5	Three-gang box, 3½" deep x 3¾" long x 5½" wide Sixteen ½" and ¾" concentric KOs. Six in each of two sides and two in each end. Uses Steel City SB-3 cover	5
4-MB	3½	92.0	Four-gang masonry box, 3½" deep x 3¾" long x 7⅜" wide Twenty ½" and ¾" concentric KOs. Eight in each of two sides and two in each end. Uses Steel City SB-4 cover.	5
MBP	3½	–	Masonry box partition, 3½" deep x 3¾" wide A low-voltage partition drilled and tapped for mounting. Furnished with two 8/32 screws. For use with 2-MB, 3-MB or 4-MB boxes.	50

Concrete/masonry boxes and accessories

Thru-wall boxes for concrete block



CBTW 4

CBTW 6

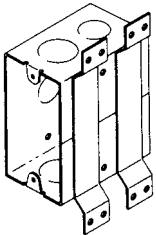
CBTW 8

Thru-wall boxes for concrete block



Cat. no.	Width (in.)	Height (in.)	Depth (in.)	Capacity (cu. in.)	Knockouts (in.)		Std. ctn.
					Each side conduit	Each end conduit	
With concentric conduit KOs							
CBTW 4	2 ¹ / ₈	3 ¹¹ / ₁₆	3 ¹ / ₂	24.0	(2) 1 ¹ / ₂ - 3 ³ / ₄	(1) 1 ¹ / ₂ - 3 ³ / ₄	10
CBTW 6	2 ¹ / ₈	3 ¹¹ / ₁₆	5 ¹ / ₂	38.0	(4) 1 ¹ / ₂ - 3 ³ / ₄	(2) 1 ¹ / ₂ - 3 ³ / ₄	10
CBTW 8	2 ¹ / ₈	3 ¹¹ / ₁₆	7 ¹ / ₂	52.3	(6) 1 ¹ / ₂ - 3 ³ / ₄	(3) 1 ¹ / ₂ - 3 ³ / ₄	10

Welded thru box



Welded thru box

Cat. no.	Capacity (cu. in.)	Description	Std. ctn.
4-DWS	25.5	3 ⁵ / ₁₆ " deep x 4" long x 2 ¹ / ₈ " wide One 1/2" KO and one 3/4" KO both on top, one 1/2" KO bottom side and one 1/2" KO on side opposite two flat brackets	25

Box hangers and supports

Adjustable bar brackets



SSF-SG16A

Adjustable box brackets

- Designed for metal studs 16" or 24" on center
- Can also be adjusted for non-standard stud spacing
- Adjustable tabs accommodate 1½" or 2⅝" box depths
- Enables mounting of multiple boxes
- Installs easily — dimples provide a starting point for screws

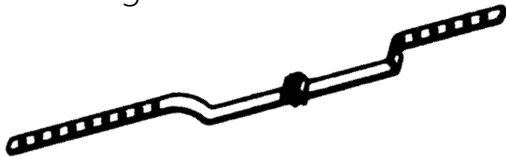
Adjustable box brackets



Cat. no.	Description	Stud spacing (in.)	Box depth (in.)	Std. pkg. qty.
SSF-SG16A	16" Adjustable box bracket	11–18	1½ or 2⅝	50
SSF-SG24A	24" Adjustable box bracket	17–26	1½ or 2⅝	50

Box hangers and supports

Bar hangers

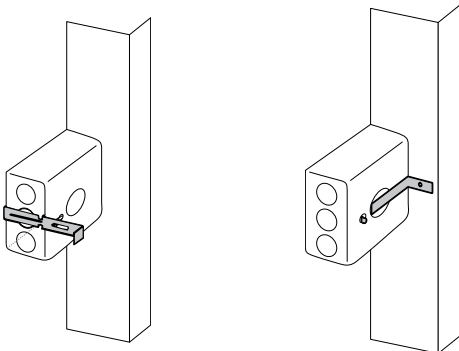


20-BC

Bar hangers

Cat. no.	Description	Std. ctn.
20-BC	22" Long Shallow offset bar hanger. Offset 1" for mounting 1½"-deep boxes without rings. Furnished with clips	50

Far-side box support



Features and benefits:

- Provides side support for electrical boxes
- Works with most electrical boxes for 2½", 3½" and 4" metal stud depths

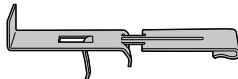


Fig. 1



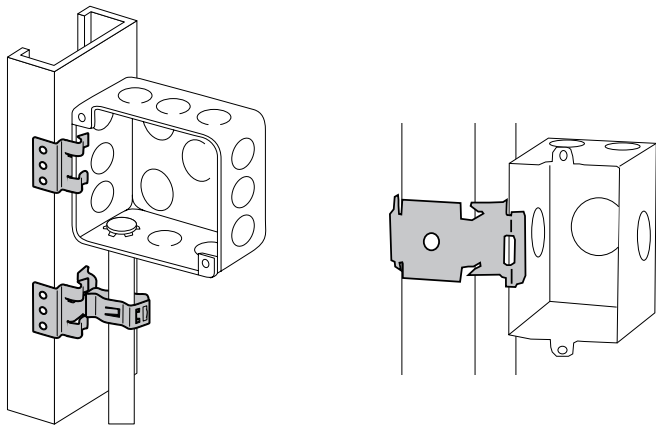
Fig. 2

Far-side box support

Cat. no.	Fig. no.	Description	Std. ctn.
SS1-TB	1	Far-side box support	100
50-SC	2	Box brace for 4" square or octagonal box	100

Box hangers and supports

Snap-on box clip



Features and benefits:

- Fits most electrical boxes requiring plaster rings
- Fits most metal stud sizes
- Will not move on stud
- Wider part for more secure fastening
- No screws required
- Support leg braces box against stud
- Installs easily with a hammer
- Adjustable offset enables box to protrude through drywall sizes: 1/4", 3/8", 1/2", 5/8" or 3/4"

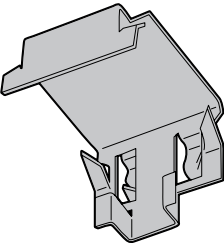


Fig. 1

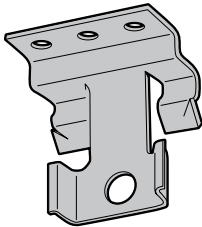


Fig. 2

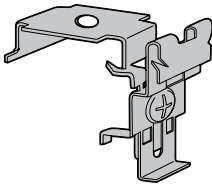


Fig. 3

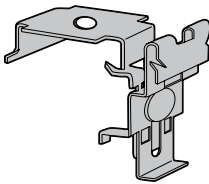


Fig. 4

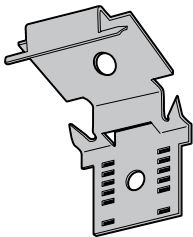


Fig. 5

Snap-on box clip

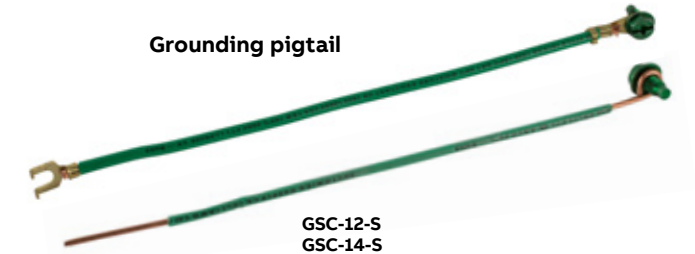
Cat. no.	Fig. no.	Description	Std. ctn.
SSF-SMX	1	Snap-on box support for mounting to stud	100
SSF-SK	2	Screw to stud, box support	100
SSF-SFA	3	Snap-on box support for mounting to stud, adjustable	25
SSF-SF0	4	Snap-on box support for mounting to stud, riveted for flush to stud face	25
SSF-SF1/4	4	Snap-on box support for mounting to stud, riveted for 1/4" drywall	25
SSF-SF3/8	4	Snap-on box support for mounting to stud, riveted for 3/8" drywall	25
SSF-SF1/2	4	Snap-on box support for mounting to stud, riveted for 1/2" drywall	25
SSF-SF5/8	4	Snap-on box support for mounting to stud, riveted for 5/8" drywall	25
SSF-SF3/4	4	Snap-on box support for mounting to stud, riveted for 3/4" drywall	25
SSF-SFT	5	Snap-on box support for mounting to stud with 1/4"-20 thread impression	25

Stud wall and drywall accessories

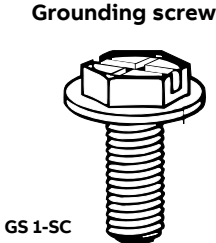
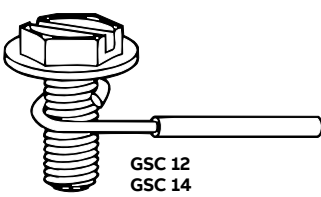
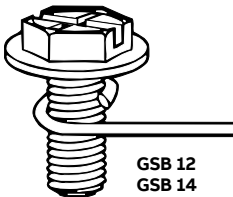
Grounding devices



- Grounding clip**
- For grounding switch and outlet boxes using non-metallic sheathed cables with ground wire
 - Grounds #12 and #14 copper and #12 aluminum conductors



- Grounding screw and wire**
- A prelooped 6"-long bare or insulated copper ground wire attached to a 10-32 x 3/8" hexagon-head washer-face screw, colored green



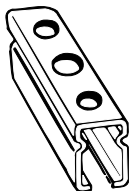
Grounding devices

Cat. no.	Description	Std. ctn.	Unit pkg.
Grounding clip			
GEE	Zinc-plated, spring-steel, colored green accommodates #12 and #14 copper and #12 aluminum solid conductors in non-metallic sheathed cable. Also approved for connecting bonding jumper from receptacle to grounded metal device box.	1,000	50
Grounding screws and pigtails			
GSC 12	10-32 x 3/8" slotted hexagon-head washer-face ground screw with green dye finish and a six-inch solid copper #12 AWG insulated wire	1,000	100
GSC-12-S*	#12 AWG insulated eight-inch stranded pigtail with a captive 10-32 x 3/8" round head screw on one end and a fork-tongue terminal on the other end	1,000	100
GSC-12-10 1/2	10-32 x 3/8" slotted hexagon-head washer-face ground screw with green dye finish and a 10 1/2 inch solid-copper #12 AWG insulated wire	1,000	100
GSC 14	10-32 x 3/8" slotted hexagon-head washer-face ground screw with green dye finish and a six-inch solid-copper #14 AWG insulated wire	1,000	100
GSC 14 S*	#14 AWG insulated eight-inch stranded pigtail with a captive 10-32 x 3/8" round head screw on one end and a fork-tongue terminal on the other end	1,000	100
GSB 12	10-32 x 3/8" slotted hexagon-head washer-face ground screw with green dye finish and a six-inch solid-copper #12 AWG bare wire	1,000	100
GSB 14	10-32 x 3/8" slotted hexagon-head washer-face ground screw with green dye finish and a six-inch solid-copper #14 AWG bare wire	1,000	100
GS 1-SC	10-32 x 3/8" slotted hexagon-head washer-face screw with green dye finish. Provides positive ground continuity in boxes with a #10-32 tapped hole	1,000	100
Replacement clamps and old-work swing ears			
SP C1 CLAMP	Replacement clamp for non-metallic sheathed cable	50	50
SP C3 CLAMP	Replacement clamp for armored cable	50	50
OW SWING EAR	Swing ears only (for field installation) with self-threading screws	50	50

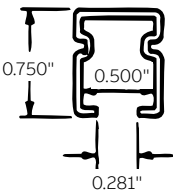
* Eight-inch stranded pigtail is also available with a captive 10-32 x 3/8" round-head screw on one end and a fork-tongue terminal on the other end.

Stud wall and drywall accessories

Channel bar



6029 H*

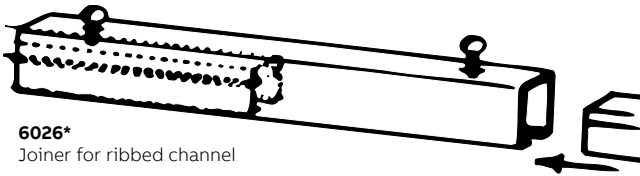


Channel bar

Cat. no.	Description	Min. order (ft.)	Std. ctn.
Mounts fixtures, boxes and conduits in suspended ceilings			
6029 H*	16 ga. (0.060") ribbed — with holes for #12 sheet-metal screw and 1/4" threaded rod	100	100

*10-ft. lengths.

Box and channel fastener



6026*
Joiner for ribbed channel

Box and channel fastener

Cat. no.	Description	Min. order (ft.)	Std. ctn.
6026*	Joiner for 6029 channel	100	100

* Minimum order 100 pieces.

Stud wall and drywall accessories

Conduit-to-metal stud

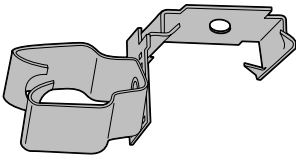


Fig. 1

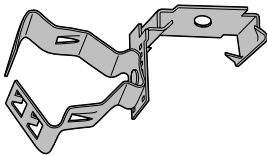


Fig. 2

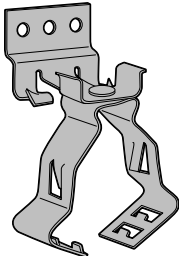


Fig. 3

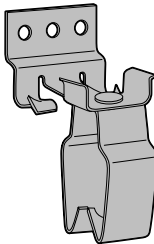


Fig. 4

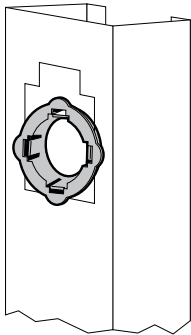
Features and benefits:

- Attaches securely to most metal stud sizes
- Riveted to accommodate your drywall requirements

Conduit-to-metal stud

Cat. no.	Fig. no.	Description	Std. ctn.
SF-SF-S1/2	1	Snap on stud, push-in conduit clip, 1/2" conduit	25
SSF-SF-S3/4	1	Snap on stud, push-in conduit clip, 3/4" conduit	25
SSF-SF-S1	1	Snap on stud, push-in conduit clip, 1" conduit	25
SSF-SF-C3/8	2	Snap on stud, conduit support clip, 3/8" conduit or MC/AC cable	25
SSF-SF-C1/2 3/4	2	Snap on stud, conduit support clip, 1/2"- 3/4" conduit	25
SSF-SF-C1	2	Snap on stud, conduit support clip, 1" conduit	25
SSF-SK-C1/2 3/4	3	1/2"-3/4" finger close conduit clip	25
SSF-SK-C1	3	1" finger close conduit clip	25
SSF-SK-S1/2	4	1/2" snap-in conduit clip	25
SSF-SK-S3/4	4	3/4" snap-in conduit clip	25
SSF-SK-S1	4	1" snap-in conduit clip	25

Easy-snap grommet



Features and benefits:

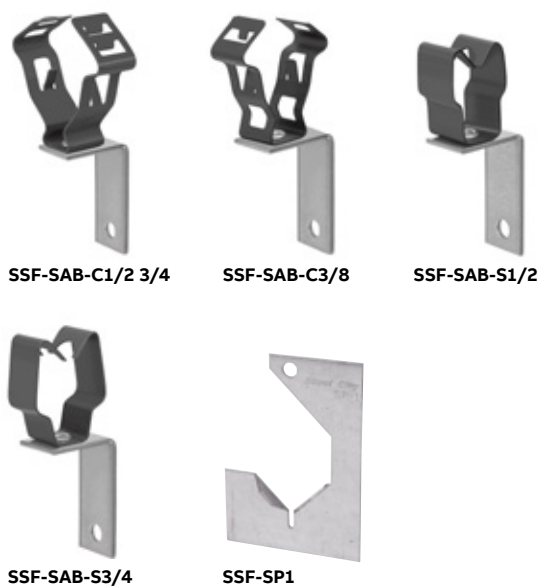
- Fits any size or shape metal stud hole
- Provides complete 360° protection for cable

Easy-snap grommet

Cat. no.	Description	Std. ctn.
1300	Twisted universal bushing for metal stud	50

Stud wall and drywall accessories

Through-stud cable conduit support



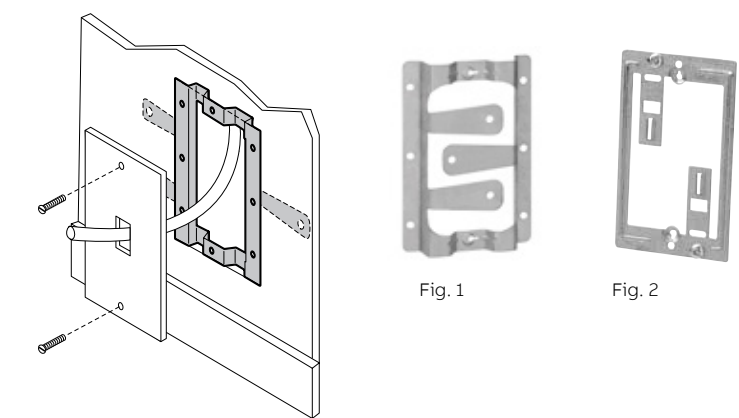
Features and benefits:

- A quick means of support for horizontal runs of conduits or MC/AC through metal stud
- Installs easily with a screw gun
- SSF-SPI enables ENT conduit and MC/AC cable to be easily pulled through metal stud

Through-stud cable conduit support

Cat. no.	Description	Std. ctn.
SSF-SAB-C1/2 3/4	1/2" or 3/4" finger close conduit clip	25
SSF-SAB-C3/8	Finger-close conduit clip 14-2 thru 12-3 MC/AC cable and 3/8" conduit	25
SSF-SAB-S1/2	Snap-in conduit clip — 1/2" conduit	25
SSF-SAB-S3/4	Snap-in conduit clip — 3/4" conduit	25
SSF-SP1	Supports up to 1" conduit	100

Low-voltage mounting brackets — screw-on support



Features and benefits:

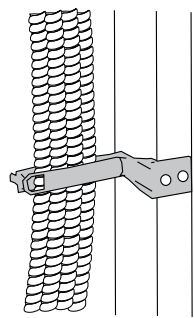
- Eliminates the need for an electrical box when installing low-voltage Class 2 wiring
- For old work or new work

Low-voltage mounting brackets — screw-on support

Cat. no.	Fig. no.	Description	Std. ctn.
SSF-SLV	1	Old-work or new work low-voltage bracket	100
WBF-1	2	Low-voltage mounting bracket with screws	100

Stud wall and drywall accessories

Cable support



Features and benefits:

- Supports up to four runs of MC and AC cable and up to six runs of non-metallic sheathed cable
- Installs with nails or staples or sheet-metal screws
- Complies with NEC® 300-4d for all wood and metal studs
- Made with high-strength plastic

Cable support clip capacity

Cable type	Cable size	Max. qty./ fastener
Non-metallic sheathed cable	#14-2, #12-2, #10-2, #14-3, #12-3 and #10-3 with ground	6
Non-metallic	#8-2 and #6-2 with ground	4
Metallic clad (MC) cable and #10-4 with ground	#14-2, #12-2, #10-2, #14-3, #12-3, #10-3, #14-4, #12-4	4
Armored cable (AC)	#14-4, #12-2, #10-2, #8-2, #14-3, #12-3, #10-3, #14-4, #12-4 and #10-4 with ground	4
Flexible conduit (BX)	5/16, 3/8	4

Screw-on conduit support

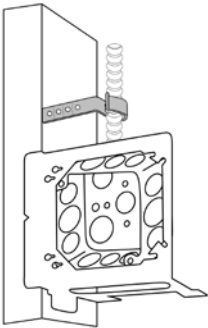


Fig. 1

Features and benefits:

- Supports 1/2" and 3/4" EMT conduit and MC/AC cable
- Works with wood or metal stud
- Preset bend provides alignment with knockouts for 1 1/2"-deep boxes or 2 1/8"-deep boxes

Screw-on conduit support

Cat. no.	Fig. no.	Description	Std. ctn.
SSF-SS1/2 3/4	1	1/2" and 3/4" EMT conduit and MC/AC to metal or wood stud. For 1 1/2"-deep box	100
SSF-SS1/2 3/4D	1	1/2" and 3/4" EMT conduit metal or wood stud. For 2 1/8"-deep box	100

Stud wall and drywall accessories

Device leveler and retainer

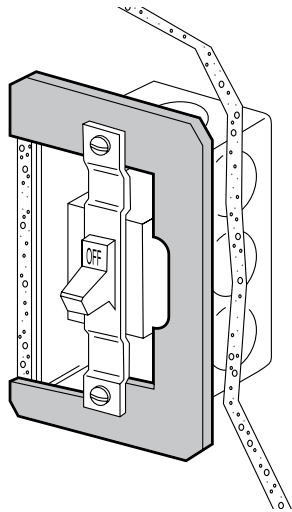


Fig. 1

Features and benefits:

- Use for oversized drywall openings
- Prevents broken cover plates
- Stops device from being pushed back in wall
- Makes floating device rigid

Device leveler and retainer

Cat. no.	Fig. no.	Description	Std. ctn.
SSF-SR	1	Single-gang device leveler and retainer	100

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Protector plates

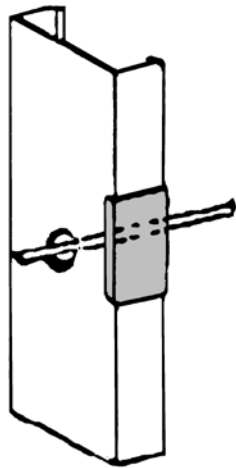


Fig. 1

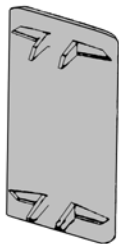


Fig. 2

Features and benefits:

- Protects cable(s) from damage when installing drywall or paneling
- No nails or screws required
- Fits all stud sizes
- Both products meet requirements for NEC® 300-4
- ST66 legs are crimped with pliers to stud to provide secure fit

Protector plates

Cat. no.	Fig. no.	Description	Std. ctn.
SSF-ST66	1	Protector plate for metal stud	100
66EP	2	Protector plate for wood stud	100

NEC reference

Article 314 of the National Electrical Code® covers the installation and use of boxes. The article includes table references that guide the electrician in the selection of the proper box size necessary to safely accommodate electrical service requirements. The box capacity table shown (page 8) is reproduced in part from the NEC® as a quick reference and guide. The NEC® should be consulted for complete details.

Article 314 — Boxes and fittings

314.16 Number of conductors in outlet, device, and junction boxes, and conduit bodies.

Boxes and conduit bodies shall be of sufficient size to provide free space for all enclosed conductors. In no case shall the volume of the box, as calculated in 314.16(A), be less than the fill calculation as calculated in 314.16(B). The minimum volume for conduit bodies shall be as calculated in 314.16(C).

The provisions of this section shall not apply to terminal housings supplied with motors or generators. Informational Note: For volume requirements of motor or generator terminal housings, see Article 430.12. Boxes and conduit bodies enclosing conductors #4 AWG or larger shall also comply with the provisions of 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 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 non-metallic 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.

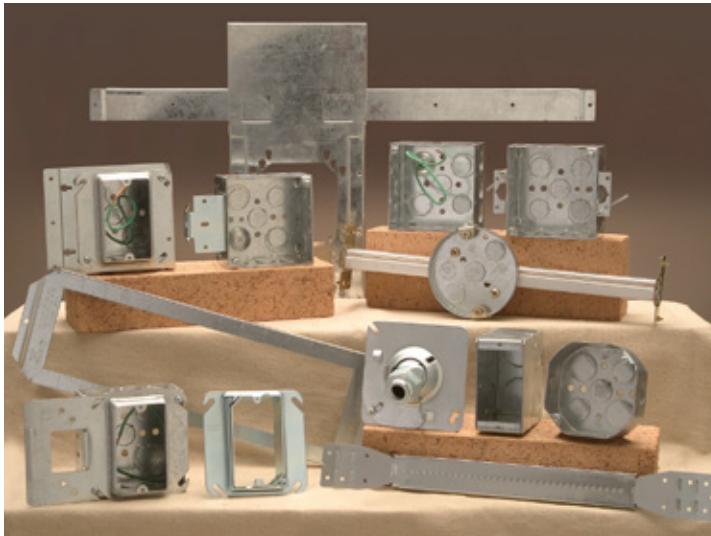
(1) Conductor fill. Each conductor that originates outside the box and terminates or is spliced within the box shall be counted once, and each conductor that passes through the box without splice or termination shall be counted once. Each loop or coil of unbroken conductor not less than twice the minimum 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 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.

NEC reference

Article 314 — Boxes and fittings (continued)



(3) Support fittings fill. Where one or more luminaire studs or hickey are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made for each type of fitting based on the largest conductor present in the box.

(4) Device or equipment. For each yoke or strap containing one or more devices or equipment, a double volume allowance in accordance with Table 314.16(B) shall be made for each yoke or strap based on the largest conductor connected to a device(s) or equipment supported by that yoke or strap. A device or utilization equipment wider than a single 50mm (2 in.) device box as described in Table 314.16(A) shall have double volume allowances provided for each gang required for mounting.

(5) Equipment grounding conductor. Where one or more equipment grounding conductors or equipment bonding jumpers enter a box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest equipment grounding conductor or equipment bonding jumper present in the box. Where an additional set of equipment grounding conductors, as permitted by 250.146(D), is present in the box, an additional volume allowance shall be made based on the largest equipment grounding conductor in the additional set.

(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)(2), 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 sufficient size to provide free space for all conductors enclosed in the conduit body.

NEC reference

Article 314 — Boxes and fittings (continued)

Table 314.16(A) — Metal boxes

(mm)	Box trade size (in.)		Maximum volume		Maximum number of conductors*						
			CM ³	IN. ³	18	16	14	12	10	8	6
100 x 32	(4 x 1 ¹ / ₄)	Round/octagonal	205	12.5	8	7	6	5	5	5	2
100 x 38	(4 x 1 ¹ / ₂)	Round/octagonal	254	15.5	10	8	7	6	6	5	3
100 x 54	(4 x 2 ¹ / ₂)	Round/octagonal	353	21.5	14	12	10	9	8	7	4
100 x 32	(4 x 1 ¹ / ₄)	Square	295	18.0	12	10	9	8	7	6	3
100 x 38	(4 x 1 ¹ / ₂)	Square	344	21.0	14	12	10	9	8	7	4
100 x 54	(4 x 2 ¹ / ₈)	Square	497	30.3	20	17	15	13	12	10	6
120 x 32	(4L x 1 ¹ / ₄)	Square	418	25.5	17	14	12	11	10	8	5
120 x 38	(4L x 1 ¹ / ₂)	Square	484	29.5	19	16	14	13	11	9	5
120 x 54	(4L x 2 ¹ / ₈)	Square	689	42.0	28	24	21	18	16	14	8
75 x 50 x 38	(3 x 2 x 1 ¹ / ₂)	Device	123	7.5	5	4	3	3	3	2	1
75 x 50 x 50	(3 x 2 x 2)	Device	164	10.0	6	5	5	4	4	3	2
75 x 50 x 57	(3 x 2 x 2 ¹ / ₄)	Device	172	10.5	7	6	5	4	4	3	2
75 x 50 x 65	(3 x 2 x 2 ¹ / ₂)	Device	205	12.5	8	7	6	5	5	4	2
75 x 50 x 70	(3 x 2 x 2 ³ / ₄)	Device	230	14.0	9	8	7	6	5	4	2
75 x 50 x 90	(3 x 2 x 3 ¹ / ₂)	Device	295	18.0	12	10	9	8	7	6	3
100 x 54 x 38	(4 x 2 ¹ / ₈ x 1 ¹ / ₂)	Device	169	10.3	6	5	5	4	4	3	2
100 x 54 x 48	(4 x 2 ¹ / ₈ x 1 ⁷ / ₈)	Device	213	13.0	8	7	6	5	5	4	2
100 x 54 x 54	(4 x 2 ¹ / ₈ x 2 ¹ / ₈)	Device	238	14.5	9	8	7	6	5	4	2
95 x 50 x 65	(3 ³ / ₄ x 2 x 2 ¹ / ₂)	Masonry box/gang	230	14.0	9	8	7	6	5	4	2
95 x 50 x 90	(3 ³ / ₄ x 2 x 3 ¹ / ₂)	Masonry box/gang	344	21.0	14	12	10	9	8	7	4
Min. 44.5 depth FS — single-cover/gang (1 ³ / ₄)			221	13.5	9	7	6	6	5	4	2
Min. 60.3 depth FD — single-cover/gang (2 ³ / ₈)			295	18.0	12	10	9	8	7	6	3
Min. 44.5 depth FS — multiple-cover/gang (1 ³ / ₄)			295	18.0	12	10	9	8	7	6	3
Min. 60.3 depth FD — multiple-cover/gang (2 ³ / ₈)			395	24.0	16	13	12	10	9	8	4

* Where no volume allowances are required by 314.16(B)(2) through 314.16(B)(5).

Underwriters Laboratories Inc. File Number: E2969 (U.L. 514A)

Canadian Standards Association File Number: LR 12798

Federal Manufacture Number: 56501 (Cage Code)

Products designed to meet Federal Specification Number: W-J-800

Verification of file numbers and compliance with federal specifications for individual items available upon request.

Box and cover material and plating specification; .062" minimum thickness, hot rolled, pre-galvanized steel, minimum spangle.

ASTM G-60-U, AISI C-1008

Bracket material: All brackets except MS style; 16 gauge (.060") hot rolled, pre-galvanized steel AISI C-1008, G-90-U. MS style bracket; 20 gauge (.036") cold rolled spring steel

AISI C-1055, heat treated to R. 35 zinc plated .0005 thick.

NEC reference

Article 314 — Boxes and fittings (continued)

Table 314.16(B) — Volume allowance required per conductor

Size of conductor (AWG)	Free space within box for each conductor	
	(cm ³)	(in. ³)
No. 18	24.6	1.50
No. 16	28.7	1.75
No. 14	32.8	2.00
No. 12	36.9	2.25
No. 10	41.0	2.50
No. 8	49.2	3.00
No. 6	81.9	5.00

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Underwriters Laboratories Inc. File Number: E2969 (U.L. 514A)

Canadian Standards Association File Number: LR 12798

Federal Manufacture Number: 56501

Products designed to meet Federal Specification Number: A-A5924 (formerly W-J-800).

Verification of file numbers and compliance with federal specifications for individual items available upon request.

Box and cover material and plating specification; .062" minimum thickness, hot-rolled, pre-galvanized steel, minimum spangle.

ASTM G-60-U, AISI C-1008

Bracket material: All brackets except MS style; 16 gauge (.060") hot rolled, pre-galvanized steel AISI C-1008, G-60-U. MS Style bracket; 20 gauge (.036") cold rolled spring steel AISI C-1055, heat treated to R. 35 zinc plated .0005 thick.

Metallic boxes — Fire resistance rating

Wall penetrations

Listed single- and double-gang metallic outlet and switch boxes and octagon ceiling boxes with metallic or non-metallic cover plates may be used in bearing and non-bearing wood stud and steel stud walls with ratings not exceeding 2 hours. These walls shall have gypsum wallboard facings similar to those shown in Design Nos. U301, U411, and U425. 4 in. square boxes may be used in 2 hr. fire rated ceilings.

The surface area of individual metallic outlet or switch boxes shall not exceed 16 sq. in. The aggregate surface area of the boxes shall not exceed 100 sq. inches per 100 sq. ft. of wall. 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 in.

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