



Steel City[®]

T&B Catalog Number: 72171CV 1/2 3/4
UPC Number: 78599118283
Description: 4-11/16" Pre-galvanized steel square box, 2-1/8" deep, 42 cu.in. Welded construction with 1/2" & 3/4" eccentric knockouts and "CV" bracket. For use with conduit.
Status: Active

Header	
US_Web_Brand	SC
General	
Material	Steel
Finish	Galvanized
Volume (cu.in.)	42
Construction Type	Welded
Bracket	CV bracket
Knockouts-Each Side (Conduit)	(2) - 1/2", (1) - 3/4"
Knockouts-Each End (Conduit)	(2) - 1/2", (1) - 3/4"
Knockouts-Bottom (Conduit)	(3) - 1/2", (2) - 3/4"
Dimension Information	
Size (inches)	4 11/16
Depth (inches)	2 1/8
Application Support	
Product Overview	Available on Website
NEC Article 314 - Boxes and Fittings	Available on Website
Product Brochure-Pre-Assemblies & Pre-Fab Components	Available on Website
Pre-Assemblies Labor Saving Calculator	Available on Website
Certifications	



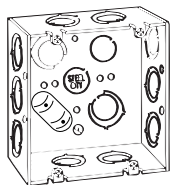
File Nbr:
E 2969

For further technical assistance, please contact us...

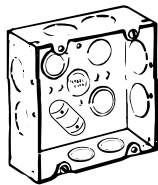
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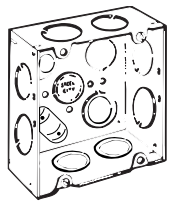
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 Phone: (888) 862-3289
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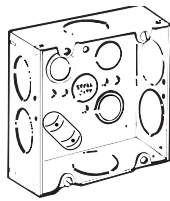
72151-1/2 & 3/4-E



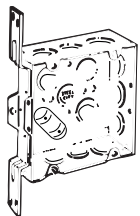
72171-1



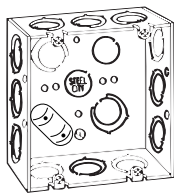
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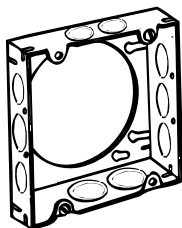
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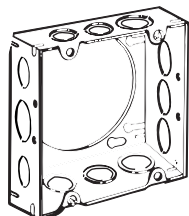
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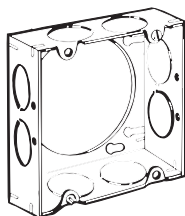
72171-1/2 & 3/4-E



73151-1/2 & 3/4



73171-1/2 & 3/4



73171-1

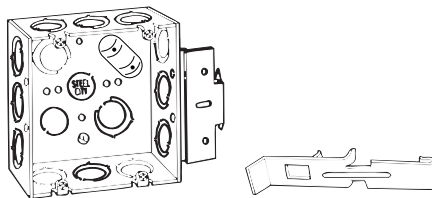
4¹¹/₁₆" Square Boxes

Cat. No.	Knockouts			Std. Pkg.	Wt. Per C
	Ea. Side Conduit	Ea. End Conduit	Bottom Conduit		
1½" deep—with conduit KO's—29.5 cubic inch capacity					
*72151-1/2 & 3/4"-E	3—½" & ¾"-E	2—½" & ¾"-E	2—½" & ¾"-E 4—½"	20	83

2½" deep—with conduit KO's—42.0 cubic inch capacity

*72171-1	2—1"	2—1"	3—½", 2—¾"	20	114
*72171-3/4 & 1	1—¾", 1—1"	1—¾", 1—1"	3—½", 2—¾"	20	114
*72171-1 & 1/4	2—1¼"	1—1¼"	3—½", 2—¾"	20	114
*72171-CV-1/2 & 3/4	2—½", 1—¾"	2—½", 1—¾"	3—½", 2—¾"	25	130
*72171-1/2 & 3/4-E	3—½", & ¾"-E	3—½", & ¾"-E	2—½", & ¾"-E 3—½"	20	114
*72171-MS-1/2 & 3/4	3—½", & ¾"-E	3—½", & ¾"-E	2—½", & ¾"-E 3—½"	20	112

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



72171-MS-1/2 & 3/4

4¹¹/₁₆" Square Box Extension Rings

Cat. No.	Knockouts		Std. Pkg.	Wt. Per C
	Ea. Side Conduit	Ea. End Conduit		
1½" deep—with conduit KO's—29.5 cubic inch capacity				
*73151-1/2 & 3/4	2—½" 1—¾"	2—½" 1—¾"	20	71
2½" deep—with conduit KO's—42.0 cubic inch capacity				
* 73171-1/2 & 3/4	2—½" 1—¾"	2—½" 1—¾"	20	90
73171-1	2—1"	2—1"	20	90

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

Table 370-16(a). Metal Boxes

Box Dimension, (in.) Trade Size or Type	Min. Cu. In. Cap.	Maximum Number of Conductors						
		No. 18	No. 16	No. 14	No. 12	No. 10	No. 8	No. 6
4 x 1¼ Round or Octagonal	12.5	8	7	6	5	5	4	2
4 x 1½ Round or Octagonal	15.5	10	8	7	6	6	5	3
4 x 2½ Round or Octagonal	21.5	14	12	10	9	8	7	4
4 x 1¼ Square	18.0	12	10	9	8	7	6	3
4 x 1½ Square	21.0	14	12	10	9	8	7	4
4 x 2½ Square	30.3	20	17	15	13	12	10	6
4¼ x 1¼ Square	25.5	17	14	12	11	10	8	5
4¼ x 1½ Square	29.5	19	16	14	13	11	9	5
4¼ x 2½ Square	42.0	28	24	21	18	16	14	8
3 x 2 x 1½ Device	7.5	5	4	3	3	3	2	1
3 x 2 x 2 Device	10.0	6	5	5	4	4	3	2
3 x 2 x 2½ Device	10.5	7	6	5	4	4	3	2
3 x 2 x 2¾ Device	12.5	8	7	6	5	5	4	2
3 x 2 x 2½ Device	14.0	9	8	7	6	5	4	2
3 x 2 x 3½ Device	18.0	12	10	9	8	7	6	3
4 x 2½ x 1½ Device	10.3	6	5	5	4	4	3	2
4 x 2½ x 1¾ Device	13.0	8	7	6	5	5	4	2
4 x 2½ x 2½ Device	14.5	9	8	7	6	5	4	2
3¾ x 2 x 2½ Masonry Box/Gang	14.0	9	8	7	6	5	4	2
3¾ x 2 x 3½ Masonry Box/Gang	21.0	14	12	10	9	8	7	4
FS—Minimum Internal Depth								
1¼ Single Cover/Gang	13.5	9	7	6	6	5	4	2
FD—Minimum Internal Depth								
2½ Single Cover/Gang	18.0	12	10	9	8	7	6	3
FS—Minimum Internal Depth								
1¼ Multiple Cover/Gang	18.0	12	10	9	8	7	6	3
FD—Minimum Internal Depth								
2½ Multiple Cover/Gang	24.0	16	13	12	10	9	8	4

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-90-U, AISI C-1008

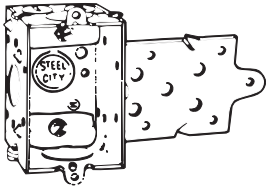
Bracket Material: All brackets except MS style: 16 gauge (.060") Hot Rolled, Pre galvanized Steel AISI C-1008, G-90-U. MS Style bracket: 20 gauge (.036") Cold Rolled Spring Steel AISI C-1055, Heat Treated to R. 35 Zinc Plated .0005 thick.

Patent Number 5,031,789 - Standoff for Outlet Boxes - SS-1 Patent Number 5,004,199 -

Metal Stud Bracket - Type MS Patent Number 5,191,171 - Eccentric Knockouts - Type Eko

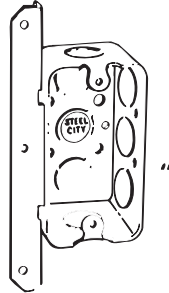
Guide to Steel City Brackets and Clamps

Brackets



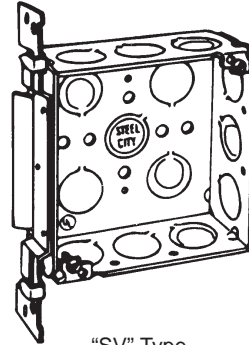
"S" or "B" Type

Mounts to face of stud. Used on switch, handy or square boxes. 2" long - 2 1/8" wide



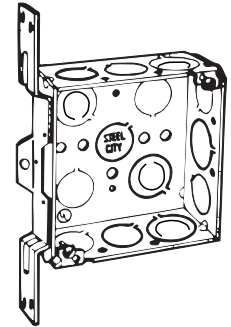
"T" Type

Positions handy box against the face and side of stud. 5 1/2" long - 7/8" wide



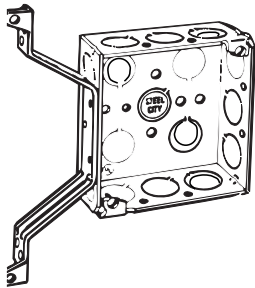
"SV" Type

Mounts box to side of stud with positioning spikes. 7 1/8" long - 1" wide - 3/8" offset



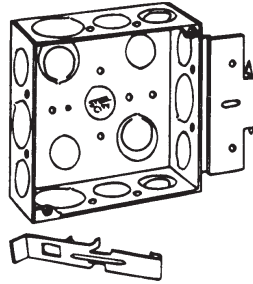
"CV" Type (Outlet Boxes)

Mounts to flat side of metal studs or wood studs. 7 1/8" long - 1" wide - 3/8" offset



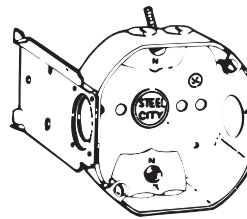
"DV" Type

Mounts box offset from stud 1 1/2". 6 13/16" long - 1" wide - 1 1/2" offset



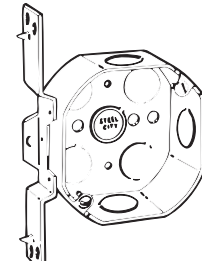
"MS" Type (For Metal Studs)

Mounts to any depth of metal stud, open or closed side. Patented bracket. 2 1/2" long - 1 1/16" wide - 3/8" offset



"L" Type

Used to toe mount octagon boxes. 2 1/8" long - 3 1/8" wide - 1/4" offset



"V" Type

Mounts to flat side of stud. 5 1/16" long - 5/16" wide - 3/8" offset

Clamps



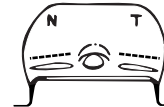
C-1



C-8
(Loom only)

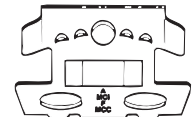


C-10



C-5

For armored cable



C-3

For non-metallic sheathed cable and non-metallic tubing (loom)

UNDERWRITERS LABORATORIES INC. and CANADIAN STANDARDS ASSOCIATION file numbers for individual items available upon request. "Products listed in this catalog are subject to alteration or discontinuation without prior notice."

Listing Information for Armored Cable Clamp—Type C-3

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
Flex Metal Conduit - Steel	3/8" trade size
Flex Metal Conduit - Aluminum	3/8" trade size
C-3 Clamp Acceptable for Grounding	