

LXOW-25
Ears flush for old work



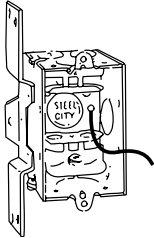
LXOWC
Adapts to 3/4" wall thickness



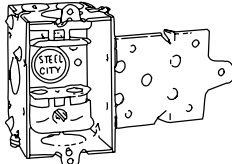
LXLE



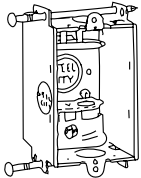
LXV-25
"CV" bracket recessed 7/8"



LXVP



806-S
"S" bracket recessed 5/8"



A-256
With nails slanted for easy drive-in



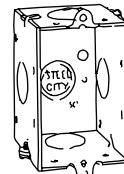
CW-1/2
Ears flush



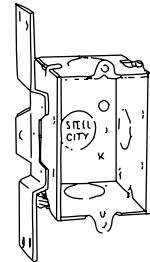
CW-3/4
Ears flush



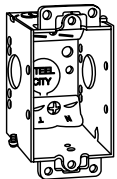
CWLE-1/2



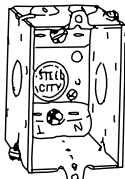
CWLE-3/4



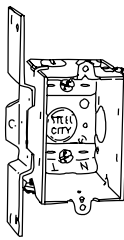
CWV-1/2
"CV" bracket recessed 7/8"



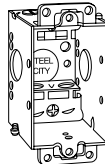
CWN-25
Ears flush



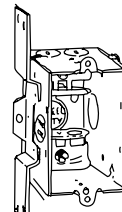
CWNLE



CWNV
"CV" bracket recessed 7/8"



CWX
Ears flush



CWXV
"CV" bracket recessed 7/8"

3" x 2" Switch Boxes – Continued

Cat. No.	Clamps	Ears	Brkts.	Knockouts				Std. Ctn.
				Ea. Side Conduit	Ea. End Conduit	Cable	Bottom Conduit	
2 1/2" deep gangable—with armored cable/metal clad clamps—12.5 cubic inch capacity								
LXOW-25	C-3	Yes	—	1-1/2"	—	2	1-1/2"	25
LXOWC-25	C-3	Yes	—	1-1/2"	—	2	1-1/2"	25
LXLE	C-3	—	—	1-1/2"	1-1/2"	2	1-1/2"	25
LXV-25	C-3	—	CV	1-1/2"	1-1/2"	2	1-1/2"	25
LXVP	C-3	—	CV	1-1/2"	1-1/2"	2	1-1/2"	25
806-S	C-3	—	S	1-1/2"	1-1/2"	2	1-1/2"	25
2 1/2" deep non-gangable—with armored cable/metal clad clamps—12.5 cubic inch capacity								
A-256	C-3	—	—	—	1-1/2"	2	1-1/2"	25
2 3/4" deep gangable—with conduit KOs—14.0 cubic inch capacity								
CW-1/2	—	Yes	—	1-1/2"	1-1/2"	—	1-1/2"	50
CW-3/4-25	—	Yes	—	1-3/4"	1-3/4"	—	1-3/4"	25
CWLE-1/2-25	—	—	—	1-1/2"	1-1/2"	—	1-1/2"	25
CWLE-3/4	—	—	—	1-3/4"	1-3/4"	—	1-3/4"	25
CWV-1/2	—	—	CV	1-1/2"	1-1/2"	—	1-1/2"	25
2 3/4" deep gangable—with nonmetallic sheathed cable clamps—14.0 cubic inch capacity								
CWN-25	C-5	Yes	—	1-1/2"	—	2	1-1/2"	25
CWNLE	C-5	—	—	1-1/2"	—	2	1-1/2"	25
CWNV-25	C-5	—	CV	1-1/2"	—	2	1-1/2"	25
2 3/4" deep gangable—with armored cable/metal clad clamps—14.0 cubic inch capacity								
CWX-25	C-3	Yes	—	1-1/2"	—	2	1-1/2"	25
CWXV-25	C-3	—	CV	1-1/2"	—	2	1-1/2"	25

Table 314.16(A) Metal Boxes

Box Trade Size			Minimum Volume		Maximum Number of Conductors*						
mm	in.		cm ³	in. ³	18	16	14	12	10	8	6
100 x 32	(4 x 1¼)	round/octagonal	205	12.5	8	7	6	5	5	5	2
100 x 38	(4 x 1½)	round/octagonal	254	15.5	10	8	7	6	6	5	3
100 x 54	(4 x 2½)	round/octagonal	353	21.5	14	12	10	9	8	7	4
100 x 32	(4 x 1¼)	square	295	18.0	12	10	9	8	7	6	3
100 x 38	(4 x 1½)	square	344	21.0	14	12	10	9	8	7	4
100 x 54	(4 x 2½)	square	497	30.3	20	17	15	13	12	10	6
120 x 32	(4¼ x 1¼)	square	418	25.5	17	14	12	11	19	8	5
120 x 38	(4¼ x 1½)	square	484	29.5	19	16	14	13	11	9	5
120 x 54	(4¼ x 2½)	square	689	42.0	28	24	21	18	16	14	8
75 x 50 x 38	(3 x 2 x 1½)	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 2¼)	device	172	10.5	7	6	5	4	4	3	2
75 x 50 x 65	(3 x 2 x 2½)	device	205	12.5	8	7	6	5	5	4	2
75 x 50 x 70	(3 x 2 x 2¾)	device	230	14.0	9	8	7	6	5	4	2
75 x 50 x 90	(3 x 2 x 3½)	device	295	18.0	12	10	9	8	7	6	3
100 x 54 x 38	(4 x 2½ x 1½)	device	169	10.3	6	5	5	4	4	3	2
100 x 54 x 48	(4 x 2½ x 1¾)	device	213	13.0	8	7	6	5	5	4	2
100 x 54 x 54	(4 x 2½ x 2½)	device	238	14.5	9	8	7	6	5	4	2
95 x 50 x 65	(3¾ x 2 x 2½)	masonry box/gang	230	14.0	9	8	7	6	5	4	2
95 x 50 x 90	(3¾ x 2 x 3½)	masonry box/gang	244	21.0	14	12	10	9	8	7	2
min. 44.5 depth	FS – single cover/gang (1¾)		221	13.5	9	7	6	6	5	4	2
min. 60.3 depth	FD – single cover/gang (2¾)		295	18.0	12	10	9	8	7	6	3
min. 44.5 depth	FS – multiple cover/gang (1¾)		295	18.0	12	10	9	8	7	6	3
min. 60.3 depth	FD – multiple cover/gang (2¾)		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.

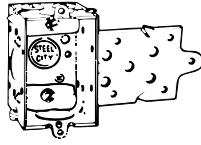
Box and Cover Material and Plating Specification; .062" minimum thickness, Hot Rolled, Pre galvanized steel, minimum spangle.

ASTM G-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.

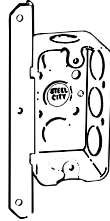
Guide to Steel City Brackets and Clamps

Brackets



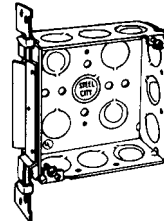
"S" or "B" Type

Mounts to face of stud. Used on switch, handy or square boxes. 2" long - 2 1/4" wide



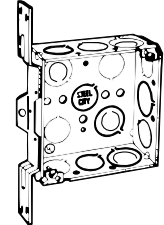
"T" Type

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



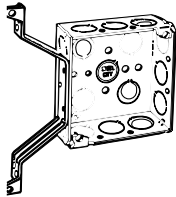
"SV" Type

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



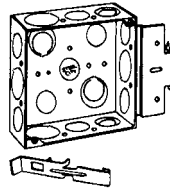
"CV" Type (Outlet Boxes)

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



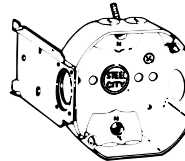
"DV" Type

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



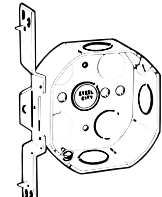
"MS" Type (For Metal Studs)

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



"L" Type

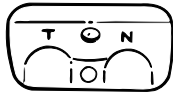
Used to toe mount octagon boxes. 2 3/8" long - 3 3/8" wide - 1/4" offset



"V" Type

Mounts to flat side of stud. 7 3/8" long - 1" wide - 3/8" offset

Clamps



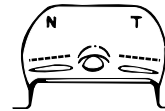
C-1



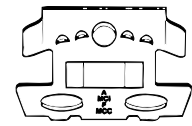
C-8
(Loom only)



C-10



C-5



C-3

For armored cable

For nonmetallic sheathed cable and nonmetallic 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	1/8" trade size
Flex Metal Conduit - Aluminum	3/8" trade size
C-3 Clamp Acceptable for Grounding	